

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071221.D
 Acq On : 09 Dec 2021 11:36
 Operator : VA/SY
 Sample : VD1209SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1209SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/10/2021
 Supervised By :Amit Patel 12/14/2021

Quant Time: Dec 10 06:41:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	245687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	407960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	365936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	174266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	133728	46.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.78%		
35) Dibromofluoromethane	7.914	113	126357	48.64	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.28%		
50) Toluene-d8	10.338	98	457022	46.23	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.46%		
62) 4-Bromofluorobenzene	12.626	95	161890	47.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.48%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	40367	19.27	ug/l	97
3) Chloromethane	2.215	50	53958	19.47	ug/l	98
4) Vinyl Chloride	2.356	62	63226	20.45	ug/l	96
5) Bromomethane	2.768	94	46786	20.99	ug/l	96
6) Chloroethane	2.926	64	44028	20.70	ug/l #	84
7) Trichlorofluoromethane	3.285	101	79803	19.05	ug/l	97
8) Diethyl Ether	3.715	74	17509	15.42	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.109	101	45480	18.40	ug/l	98
10) Methyl Iodide	4.309	142	34221	15.38	ug/l	94
11) Tert butyl alcohol	5.203	59	27645	106.76	ug/l #	76
12) 1,1-Dichloroethene	4.073	96	40550	17.78	ug/l	83
13) Acrolein	3.926	56	14775	75.00	ug/l	94
14) Allyl chloride	4.720	41	74284	17.15	ug/l #	80
15) Acrylonitrile	5.432	53	47526	86.05	ug/l #	80
16) Acetone	4.162	43	49077	87.01	ug/l #	83
17) Carbon Disulfide	4.409	76	119518	17.90	ug/l	96
18) Methyl Acetate	4.715	43	34791	16.36	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	93462	16.72	ug/l	99
20) Methylene Chloride	4.968	84	55761	16.36	ug/l	90
21) trans-1,2-Dichloroethene	5.479	96	46134	17.97	ug/l	85
22) Diisopropyl ether	6.367	45	151386	17.44	ug/l	90
23) Vinyl Acetate	6.309	43	331380	90.13	ug/l	99
24) 1,1-Dichloroethane	6.267	63	91740	18.38	ug/l	97
25) 2-Butanone	7.214	43	62369	90.90	ug/l #	84
26) 2,2-Dichloropropane	7.214	77	72981	16.08	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	50860	17.51	ug/l	89
28) Bromochloromethane	7.544	49	44877	20.70	ug/l	92
29) Tetrahydrofuran	7.567	42	38943	85.07	ug/l	92
30) Chloroform	7.714	83	89971	17.96	ug/l	95
31) Cyclohexane	7.991	56	86998	17.74	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	82607	18.36	ug/l	94
36) 1,1-Dichloropropene	8.114	75	71096	18.65	ug/l	95
37) Ethyl Acetate	7.291	43	28476	17.29	ug/l #	87
38) Carbon Tetrachloride	8.097	117	70859	18.85	ug/l	98
39) Methylcyclohexane	9.356	83	80937	17.65	ug/l	94
40) Benzene	8.350	78	187728	18.13	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	15231	20.13	ug/l #	83
42) 1,2-Dichloroethane	8.426	62	57294	18.12	ug/l	96
43) Isopropyl Acetate	8.450	43	55851	19.02	ug/l #	90
44) Trichloroethene	9.108	130	51506	18.65	ug/l	99
45) 1,2-Dichloropropane	9.385	63	51186	18.79	ug/l	98
46) Dibromomethane	9.473	93	24437	17.29	ug/l	97
47) Bromodichloromethane	9.661	83	68110	18.23	ug/l	97
48) Methyl methacrylate	9.456	41	27208	16.88	ug/l #	82
49) 1,4-Dioxane	9.461	88	5318	389.86	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	135786	94.80	ug/l	90
52) Toluene	10.403	92	122385	18.62	ug/l	94
53) t-1,3-Dichloropropene	10.614	75	58025	16.89	ug/l	90
54) cis-1,3-Dichloropropene	10.085	75	71621	17.55	ug/l #	84
55) 1,1,2-Trichloroethane	10.797	97	33504	18.07	ug/l	95
56) Ethyl methacrylate	10.655	69	38019	18.52	ug/l #	73
57) 1,3-Dichloropropane	10.944	76	59699	18.33	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	125820	99.74	ug/l	99
59) 2-Hexanone	10.979	43	94621	92.84	ug/l	87
60) Dibromochloromethane	11.138	129	40337	17.51	ug/l	97
61) 1,2-Dibromoethane	11.238	107	31314	17.59	ug/l	100
64) Tetrachloroethene	10.873	164	41399	17.82	ug/l	92
65) Chlorobenzene	11.667	112	124252	18.30	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	45955	18.54	ug/l	97
67) Ethyl Benzene	11.738	91	226241	17.70	ug/l	99
68) m/p-Xylenes	11.850	106	169994	35.23	ug/l	96
69) o-Xylene	12.173	106	79241	17.47	ug/l	95
70) Styrene	12.185	104	133802	17.50	ug/l	98
71) Bromoform	12.349	173	22023	17.15	ug/l #	97
73) Isopropylbenzene	12.473	105	217994	17.28	ug/l	100
74) N-amyl acetate	12.279	43	46982	17.75	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.726	83	36429	17.53	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	28708m	17.29	ug/l	
77) Bromobenzene	12.755	156	46018	16.84	ug/l	97
78) n-propylbenzene	12.814	91	273881	17.43	ug/l	99
79) 2-Chlorotoluene	12.897	91	148869	16.88	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	177390	17.05	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	8459	16.31	ug/l #	64
82) 4-Chlorotoluene	12.996	91	158467	17.31	ug/l	99
83) tert-Butylbenzene	13.214	119	152014	17.01	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	176694	17.39	ug/l	98
85) sec-Butylbenzene	13.391	105	237556	17.41	ug/l	98
86) p-Isopropyltoluene	13.508	119	192277	17.22	ug/l	96
87) 1,3-Dichlorobenzene	13.508	146	96190	17.68	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	94708	17.57	ug/l	97
89) n-Butylbenzene	13.832	91	189519	17.39	ug/l	98
90) Hexachloroethane	14.096	117	35926	16.98	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	82842	17.90	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.491	75	5863	17.33	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	45802	15.87	ug/l	97
94) Hexachlorobutadiene	15.249	225	28815	17.65	ug/l	97
95) Naphthalene	15.385	128	79123	15.55	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	38745	15.81	ug/l	94

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ClientSampleId :
VD1209SBS01

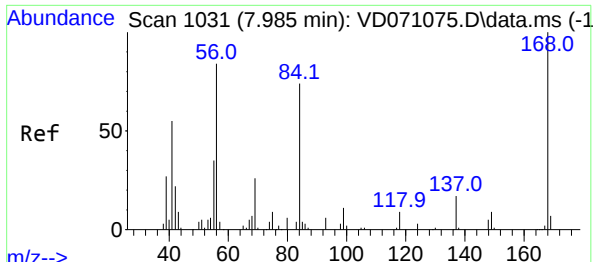
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

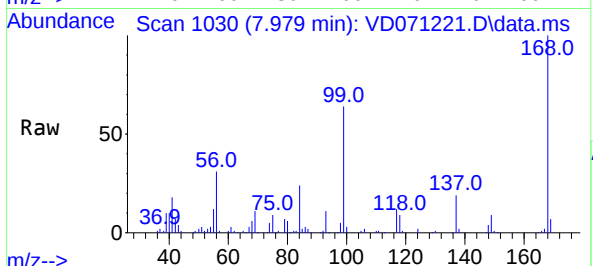
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071221.D
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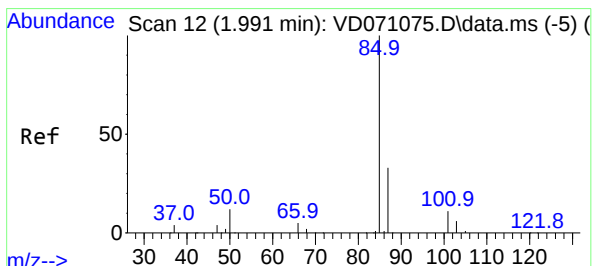
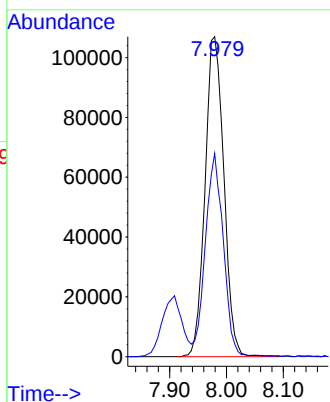
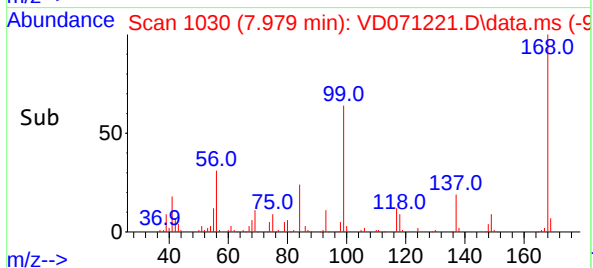
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



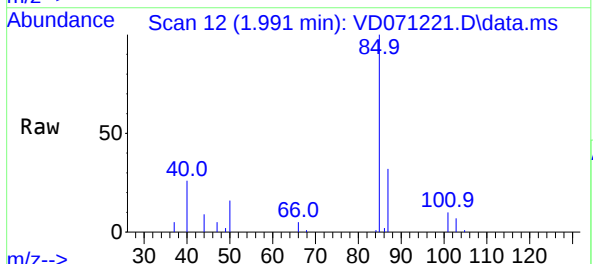
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Ion Ratio Lower Upper
168 100
99 63.1 46.6 69.8

Manual Integrations
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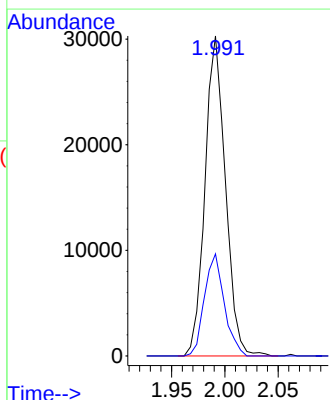
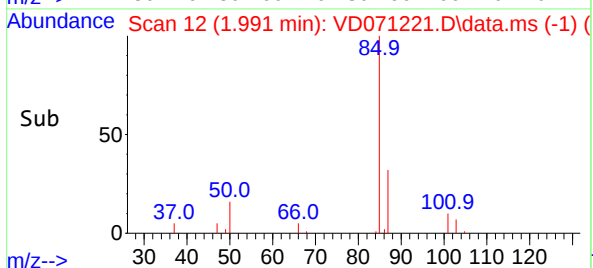
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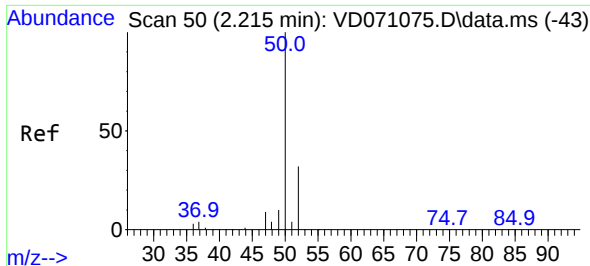


#2
Dichlorodifluoromethane
Concen: 19.27 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



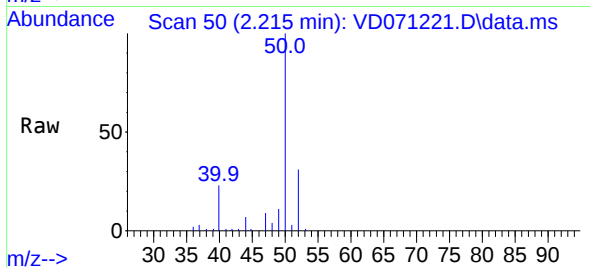
Tgt Ion: 85 Resp: 40367
Ion Ratio Lower Upper
85 100
87 31.9 15.2 45.6





#3
Chloromethane
Concen: 19.47 ug/l
RT: 2.215 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

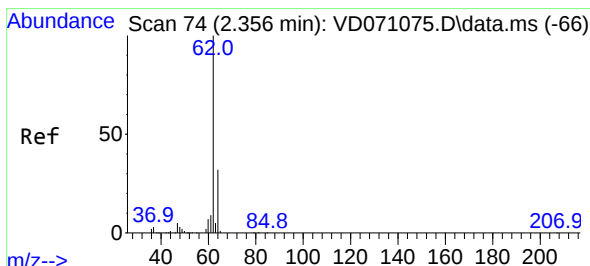
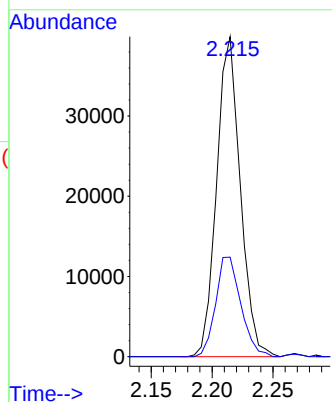
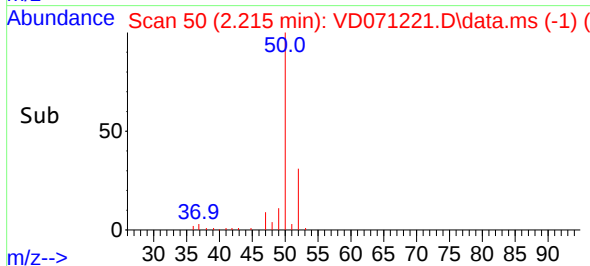
Instrument :
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ClientSampleId :
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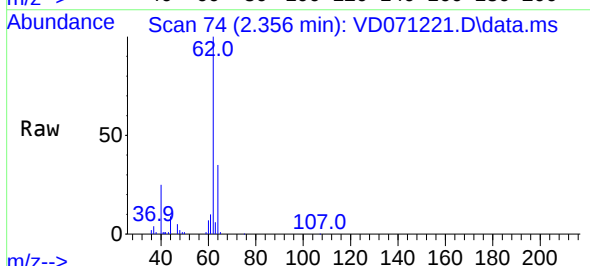
Tgt Ion: 50 Resp: 53958
Ion Ratio Lower Upper
50 100
52 31.1 25.8 38.8

Manual Integrations
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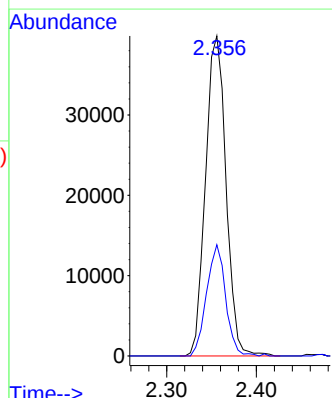
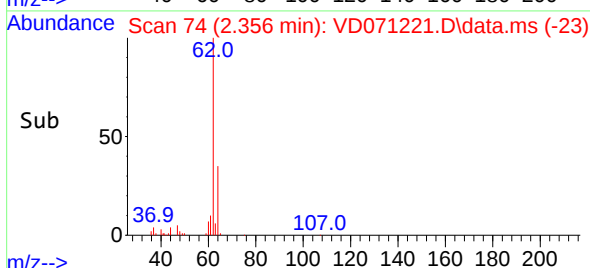
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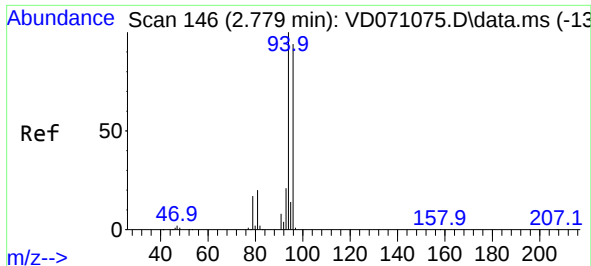


#4
Vinyl Chloride
Concen: 20.45 ug/l
RT: 2.356 min Scan# 74
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



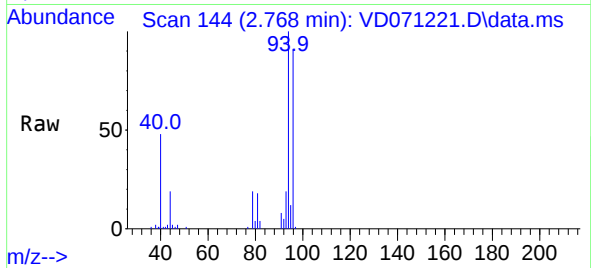
Tgt Ion: 62 Resp: 63226
Ion Ratio Lower Upper
62 100
64 34.8 26.0 39.0





#5
Bromomethane
Concen: 20.99 ug/l
RT: 2.768 min Scan# 146
Delta R.T. -0.011 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

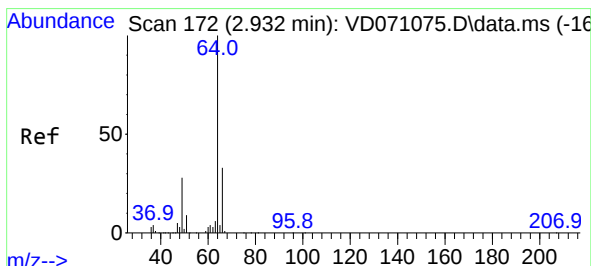
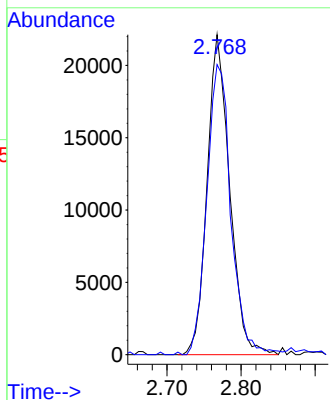
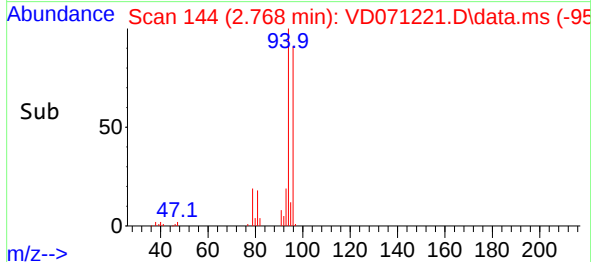
Instrument :
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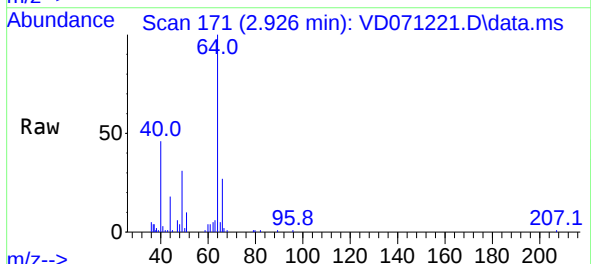
Tgt Ion: 94 Resp: 46780
Ion Ratio Lower Upper
94 100
96 89.8 74.8 112.2

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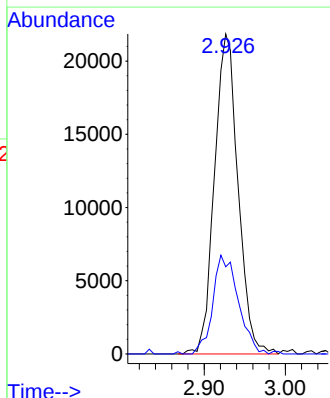
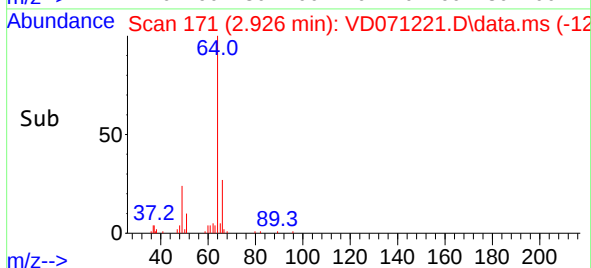
Reviewed By :Semsettin Yesilyurt 12/10/2021
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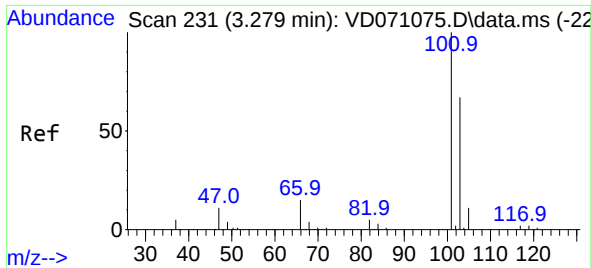


#6
Chloroethane
Concen: 20.70 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



Tgt Ion: 64 Resp: 44028
Ion Ratio Lower Upper
64 100
66 26.5 29.0 43.4#





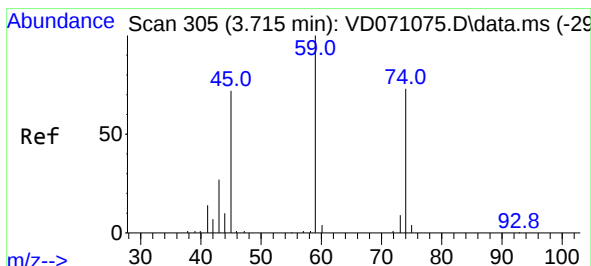
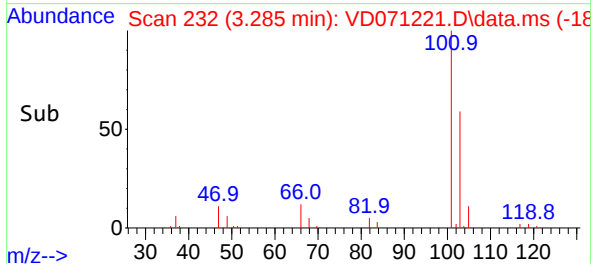
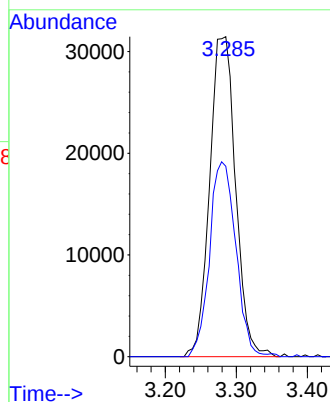
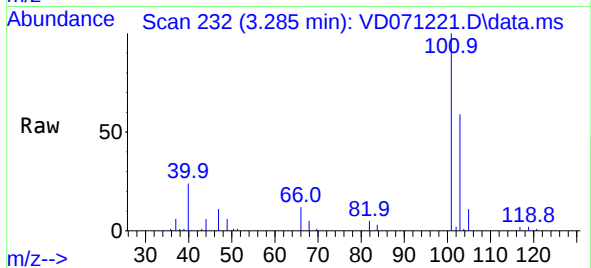
#7
Trichlorofluoromethane
Concen: 19.05 ug/l
RT: 3.285 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
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ClientSampleId :
VD1209SBS01

Tgt Ion:101 Resp: 7980
Ion Ratio Lower Upper
101 100
103 59.5 49.7 74.5

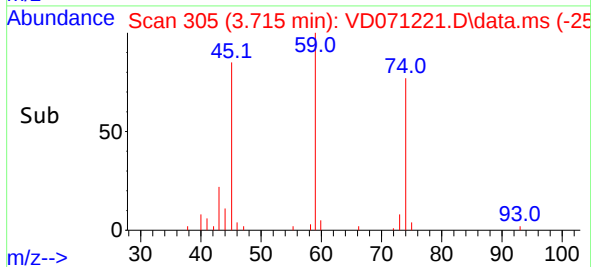
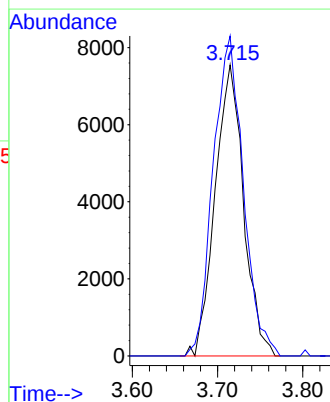
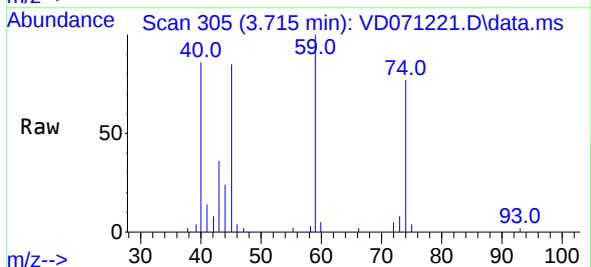
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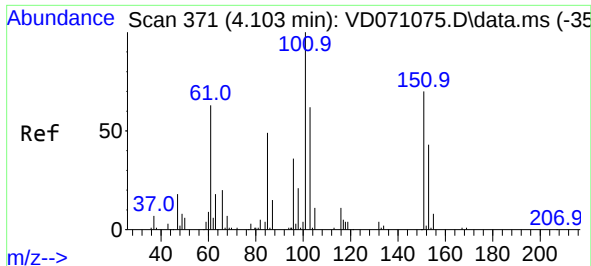
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#8
Diethyl Ether
Concen: 15.42 ug/l
RT: 3.715 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Tgt Ion: 74 Resp: 17509
Ion Ratio Lower Upper
74 100
45 116.2 49.6 149.0





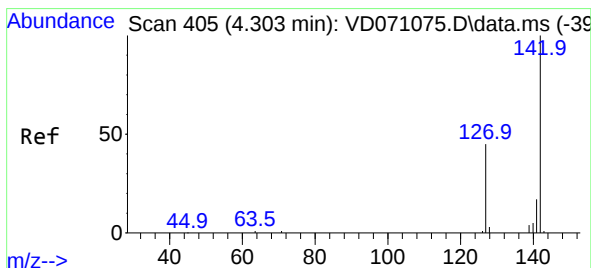
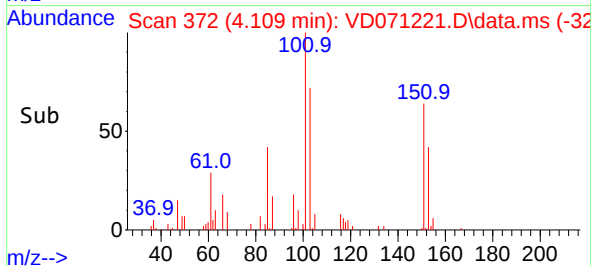
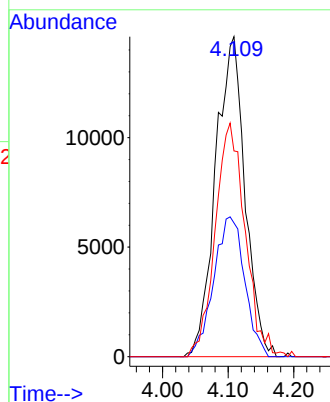
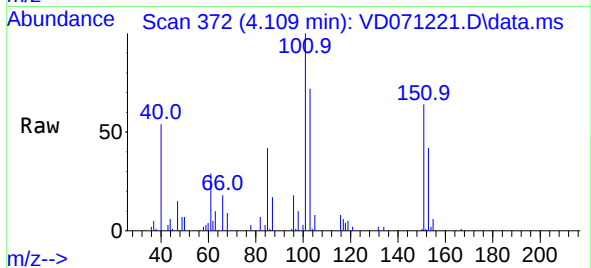
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.40 ug/l
RT: 4.109 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01

Tgt Ion:101 Resp: 45480
Ion Ratio Lower Upper
101 100
85 46.0 34.8 52.2
151 74.2 60.4 90.6

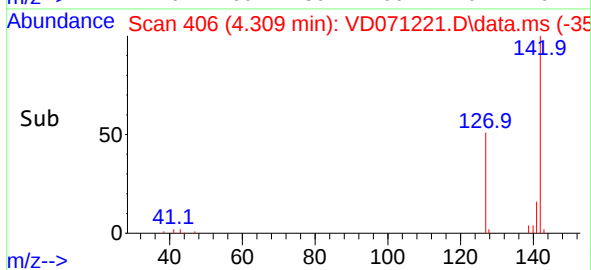
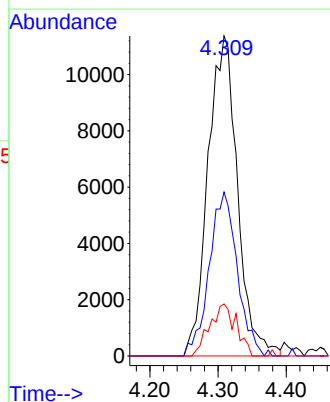
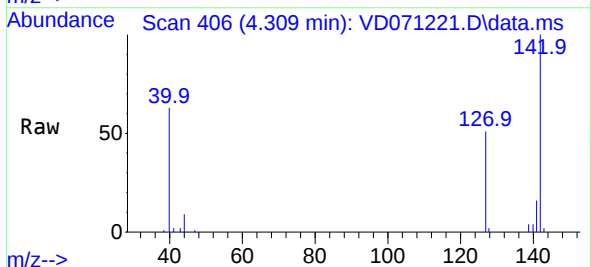
Manual Integrations
APPROVED

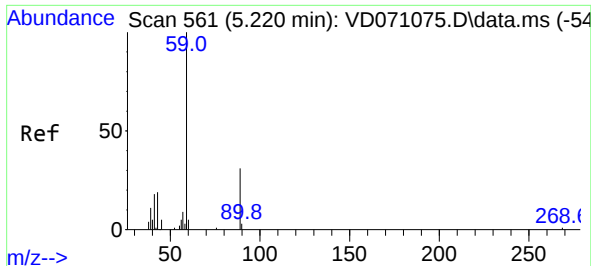
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 15.38 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Tgt Ion:142 Resp: 34221
Ion Ratio Lower Upper
142 100
127 48.7 35.0 52.4
141 14.6 12.0 18.0





#11

Tert butyl alcohol

Concen: 106.76 ug/l

RT: 5.203 min Scan# 51

Delta R.T. -0.017 min

Lab File: VD071221.D

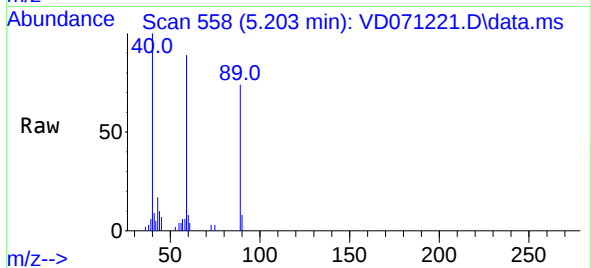
Acq: 09 Dec 2021 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1209SBS01



Tgt Ion: 59 Resp: 2764

Ion Ratio Lower Upper

59 100

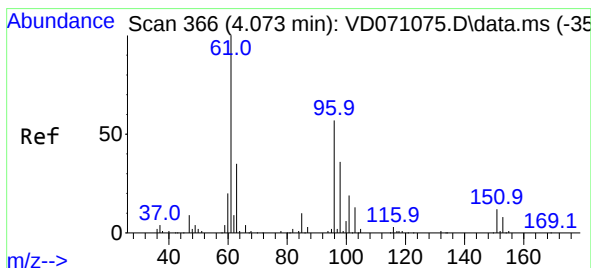
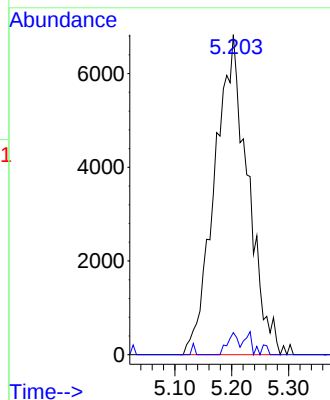
57 2.2 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/10/2021

Supervised By :Amit Patel 12/14/2021



#12

1,1-Dichloroethene

Concen: 17.78 ug/l

RT: 4.073 min Scan# 366

Delta R.T. 0.000 min

Lab File: VD071221.D

Acq: 09 Dec 2021 11:36

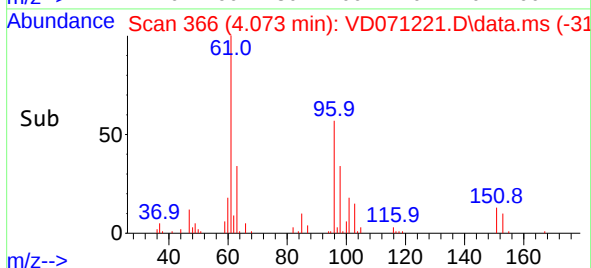
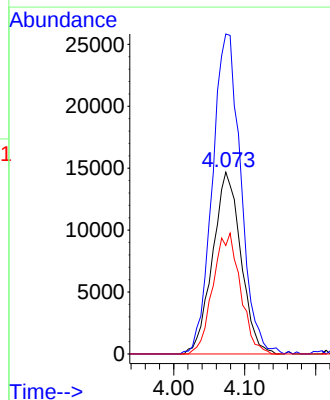
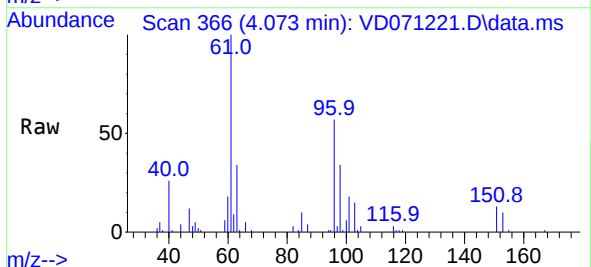
Tgt Ion: 96 Resp: 40550

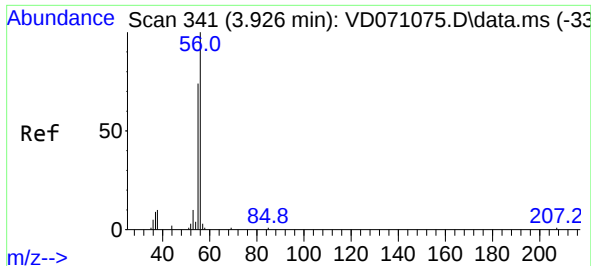
Ion Ratio Lower Upper

96 100

61 176.0 120.3 180.5

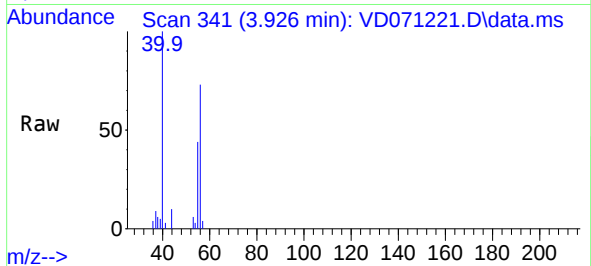
98 59.6 54.4 81.6





#13
Acrolein
Concen: 75.00 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

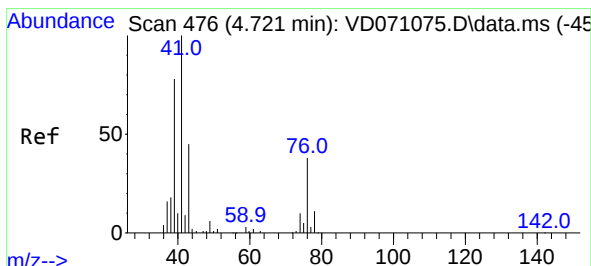
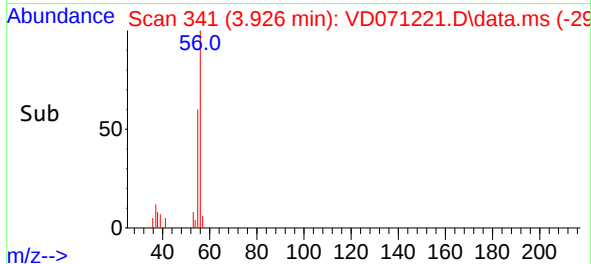
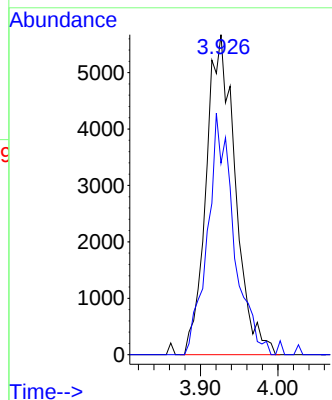
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



Tgt Ion: 56 Resp: 14775
Ion Ratio Lower Upper
56 100
55 68.5 58.6 87.8

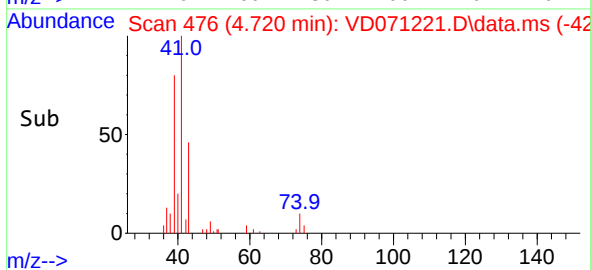
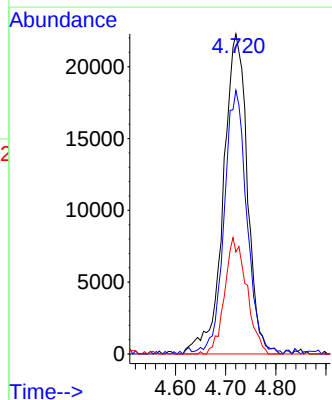
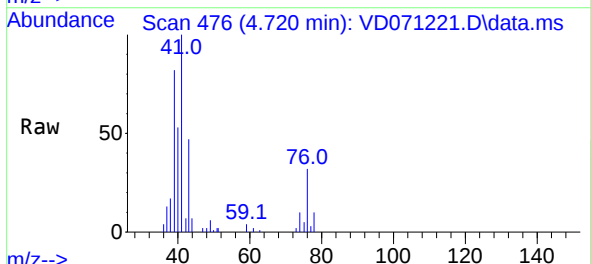
Manual Integrations
APPROVED

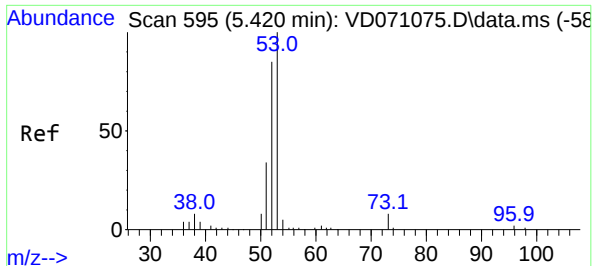
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#14
Allyl chloride
Concen: 17.15 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.001 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

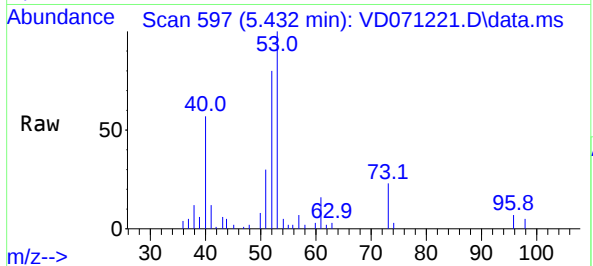
Tgt Ion: 41 Resp: 74284
Ion Ratio Lower Upper
41 100
39 77.8 45.6 68.4#
76 33.1 30.2 45.4





#15
Acrylonitrile
Concen: 86.05 ug/l
RT: 5.432 min Scan# 595
Delta R.T. 0.012 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

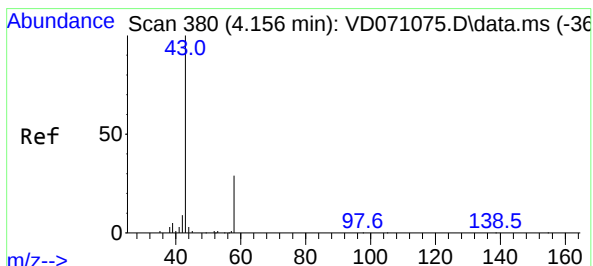
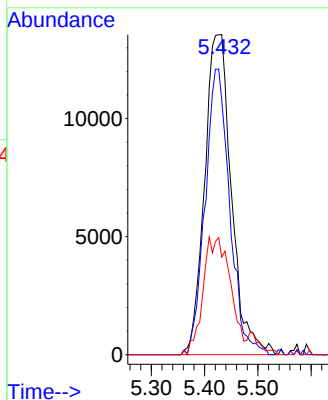
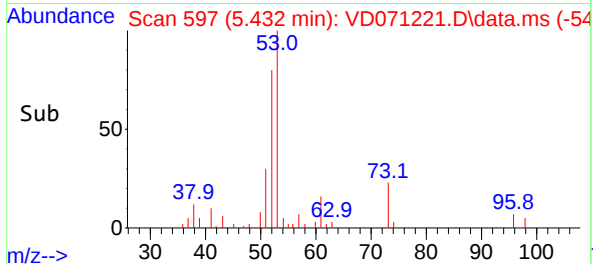
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



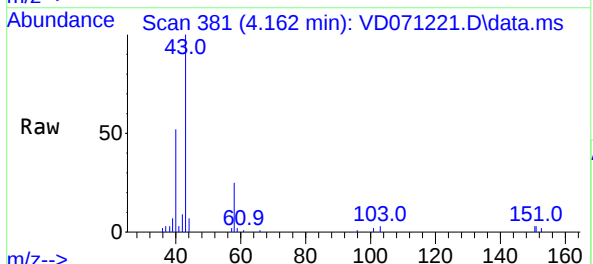
Tgt Ion: 53 Resp: 47520
Ion Ratio Lower Upper
53 100
52 81.8 63.8 95.8
51 0.0 28.5 42.7

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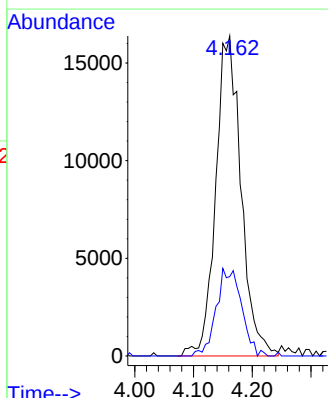
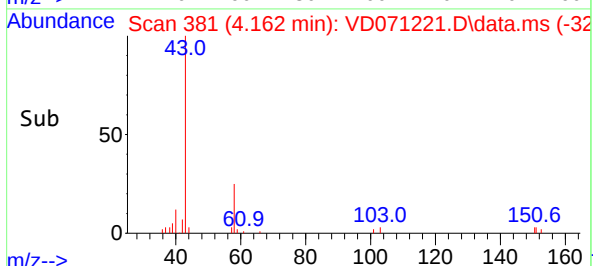
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

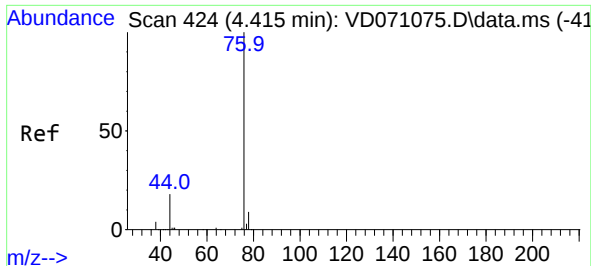


#16
Acetone
Concen: 87.01 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



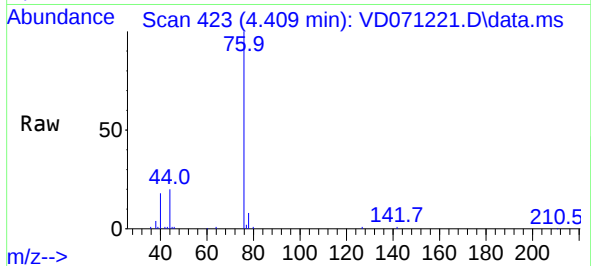
Tgt Ion: 43 Resp: 49077
Ion Ratio Lower Upper
43 100
58 24.8 27.8 41.8





#17
Carbon Disulfide
Concen: 17.90 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

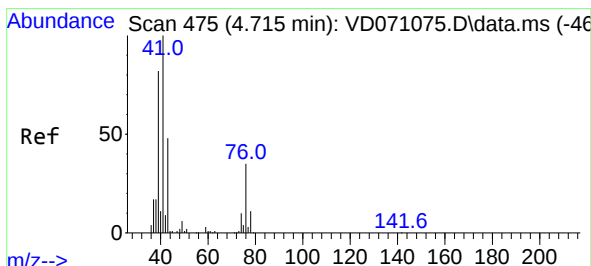
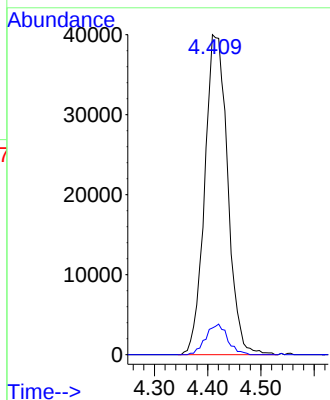
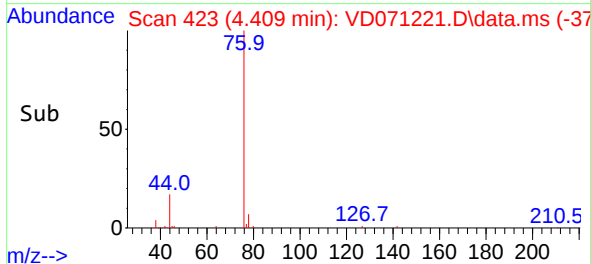
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



Tgt Ion: 76 Resp: 119518
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.8

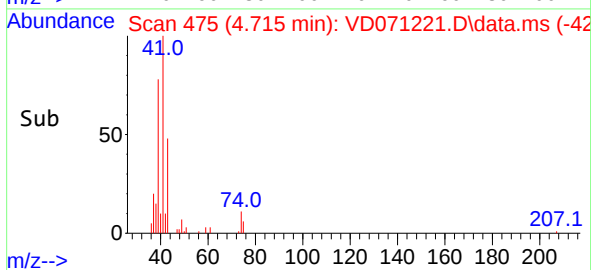
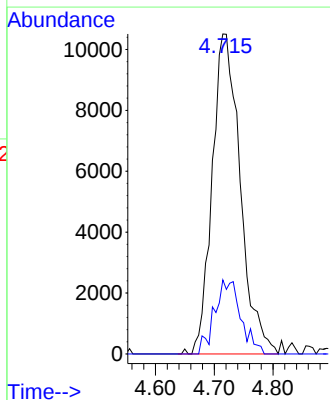
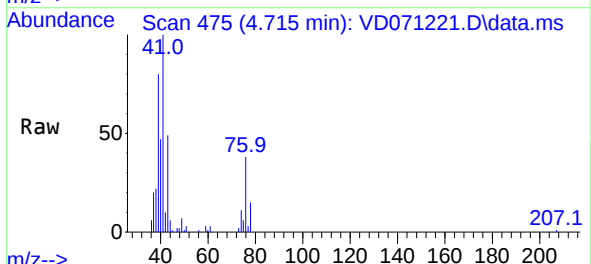
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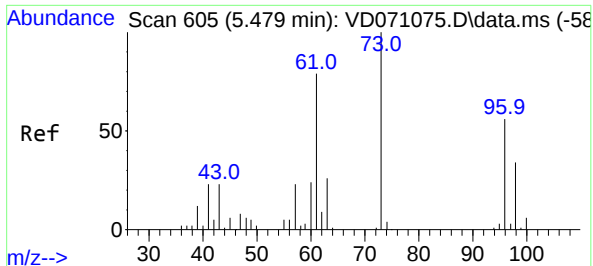
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#18
Methyl Acetate
Concen: 16.36 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Tgt Ion: 43 Resp: 34791
Ion Ratio Lower Upper
43 100
74 21.6 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 16.72 ug/l

RT: 5.473 min Scan# 605

Delta R.T. -0.006 min

Lab File: VD071221.D

Acq: 09 Dec 2021 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1209SBS01

Tgt Ion: 73 Resp: 93462

Ion Ratio Lower Upper

73 100

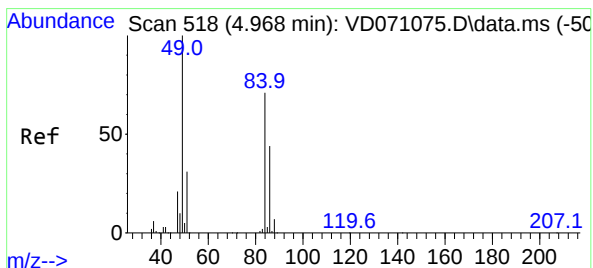
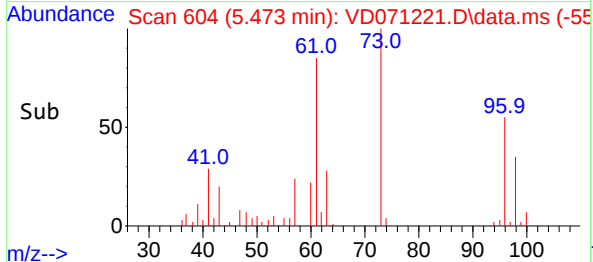
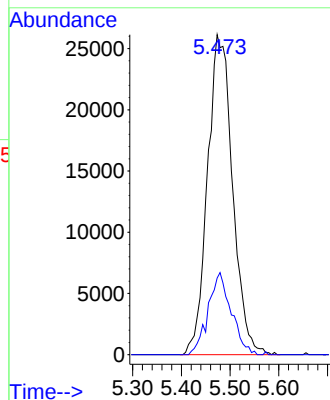
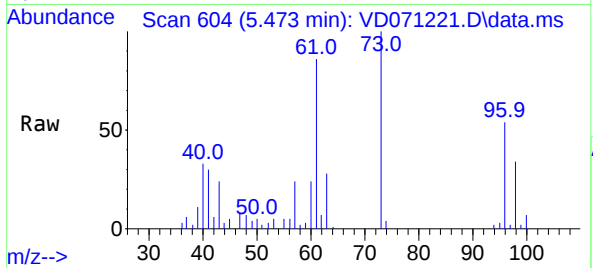
57 23.9 18.9 28.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/10/2021

Supervised By :Amit Patel 12/14/2021



#20

Methylene Chloride

Concen: 16.36 ug/l

RT: 4.968 min Scan# 518

Delta R.T. -0.000 min

Lab File: VD071221.D

Acq: 09 Dec 2021 11:36

Tgt Ion: 84 Resp: 55761

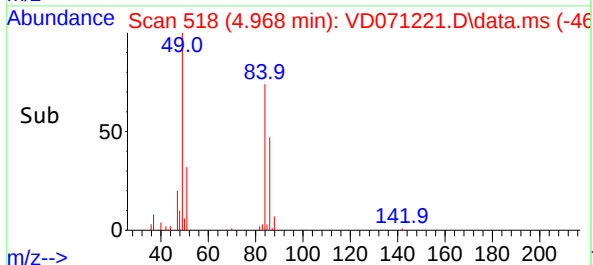
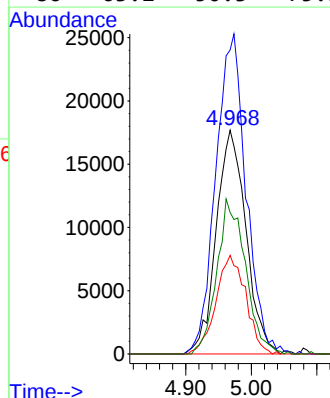
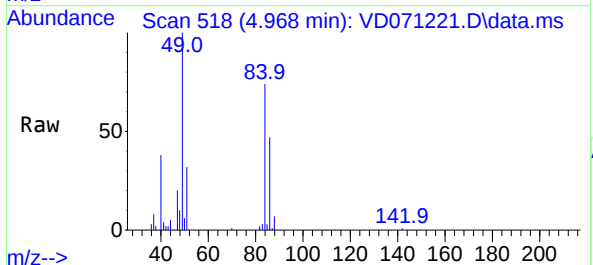
Ion Ratio Lower Upper

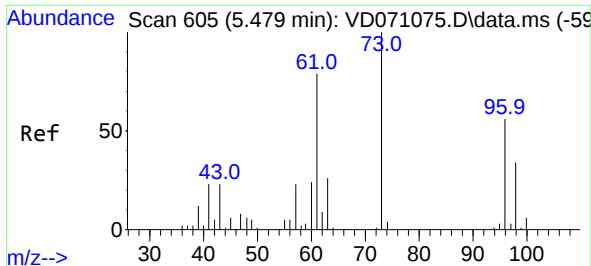
84 100

49 135.9 95.8 143.6

51 44.1 30.9 46.3

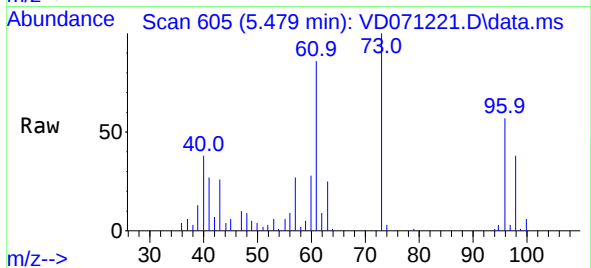
86 63.2 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 17.97 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

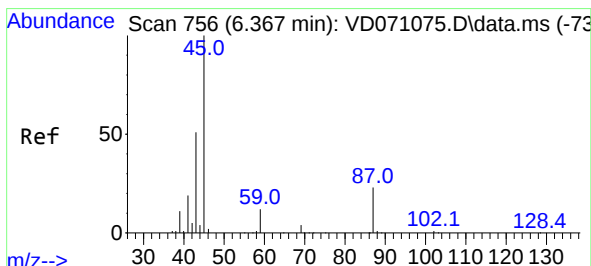
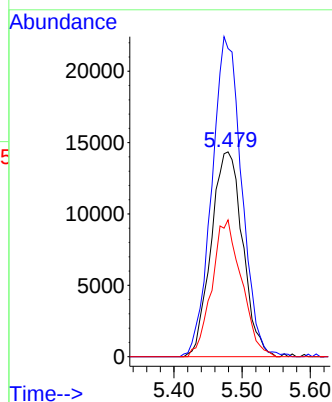
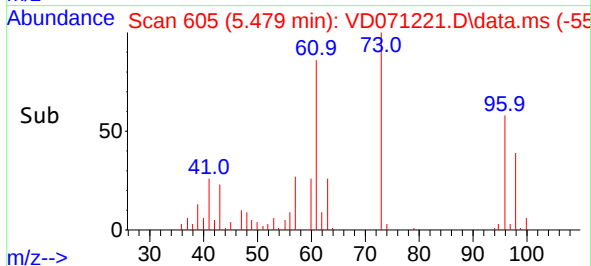
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



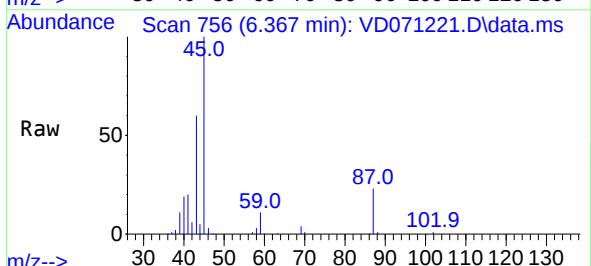
Tgt Ion: 96 Resp: 46134
Ion Ratio Lower Upper
96 100
61 150.4 102.1 153.1
98 66.8 50.1 75.1

Manual Integrations
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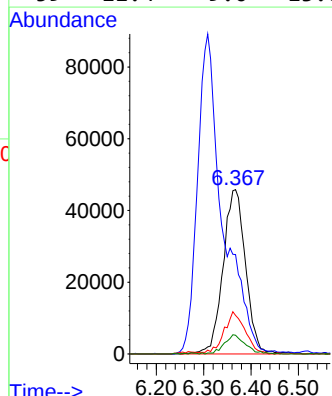
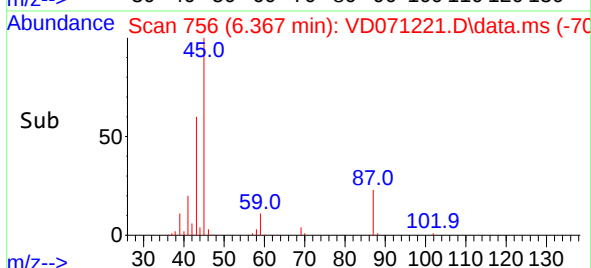
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

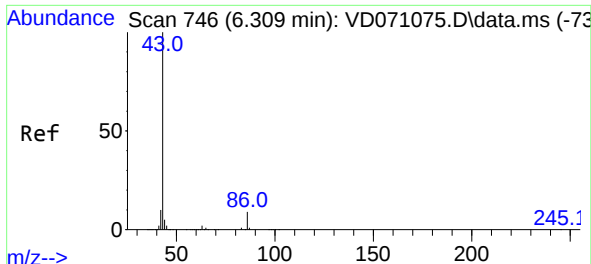


#22
Diisopropyl ether
Concen: 17.44 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



Tgt Ion: 45 Resp: 151386
Ion Ratio Lower Upper
45 100
43 59.4 39.6 59.4
87 23.1 21.2 31.8
59 11.4 9.0 13.6





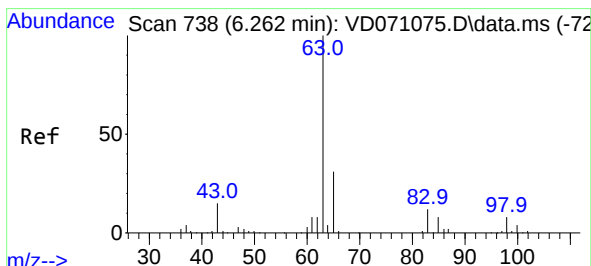
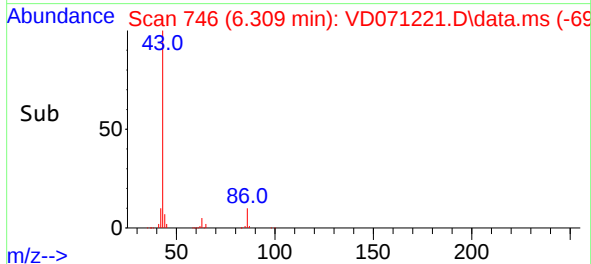
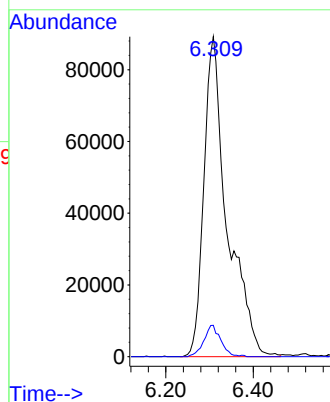
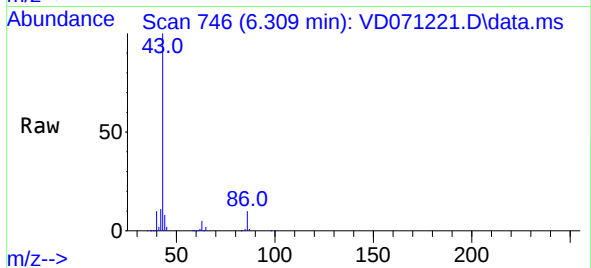
#23
 Vinyl Acetate
 Concen: 90.13 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD071221.D
 Acq: 09 Dec 2021 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1209SBS01

Tgt Ion: 43 Resp: 331380
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.4

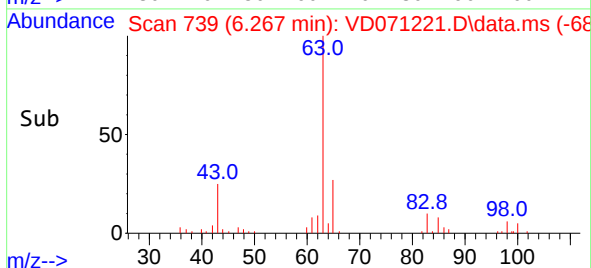
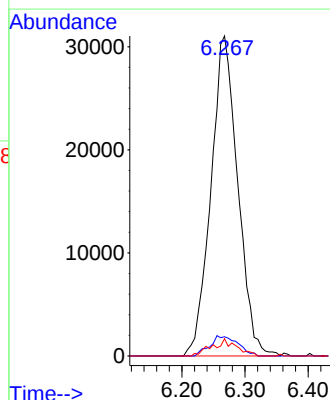
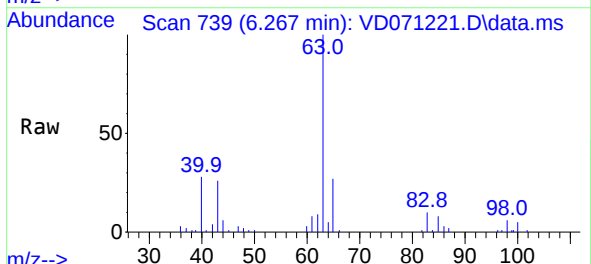
Manual Integrations
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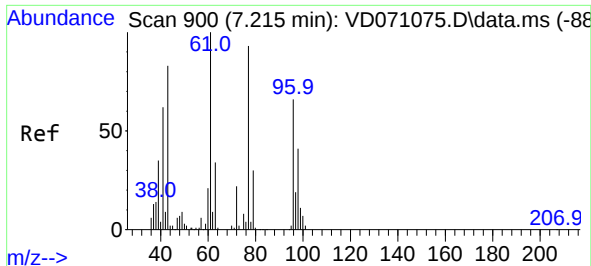
Reviewed By :Semsettin Yesilyurt 12/10/2021
 Supervised By :Amit Patel 12/14/2021



#24
 1,1-Dichloroethane
 Concen: 18.38 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.005 min
 Lab File: VD071221.D
 Acq: 09 Dec 2021 11:36

Tgt Ion: 63 Resp: 91740
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.6
 100 5.4 2.1 6.3





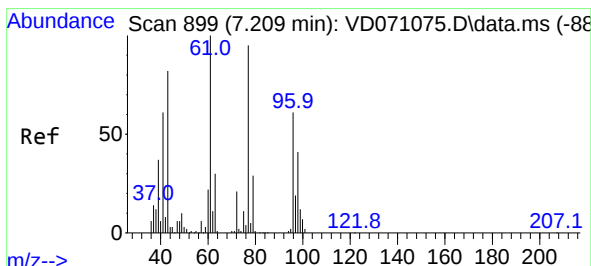
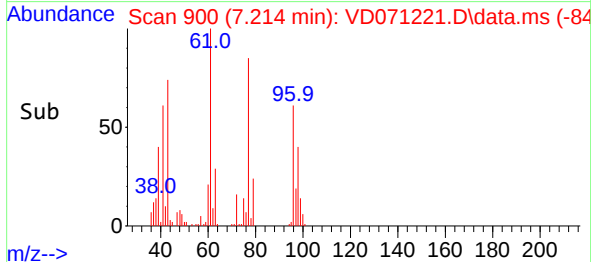
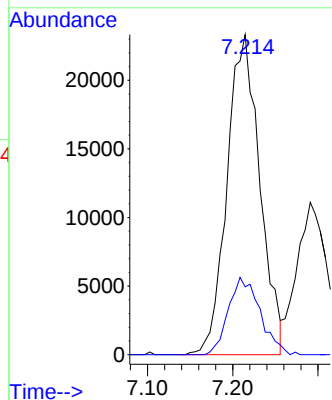
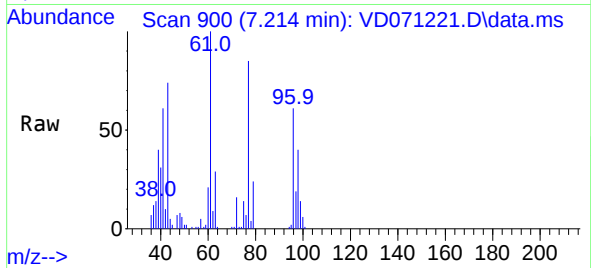
#25
2-Butanone
Concen: 90.90 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.001 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01

Tgt Ion: 43 Resp: 62369
Ion Ratio Lower Upper
43 100
72 21.2 23.8 35.6

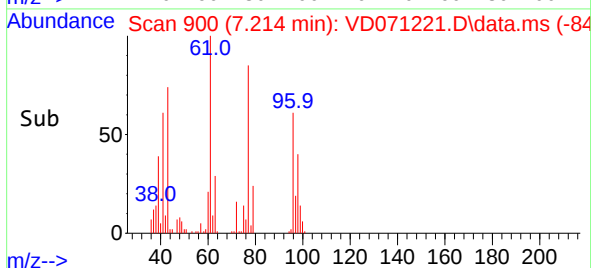
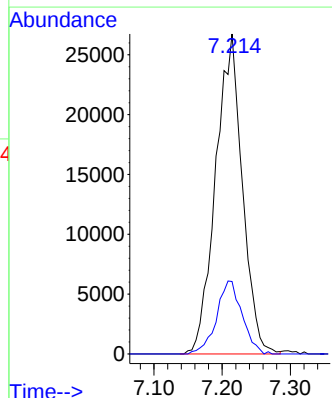
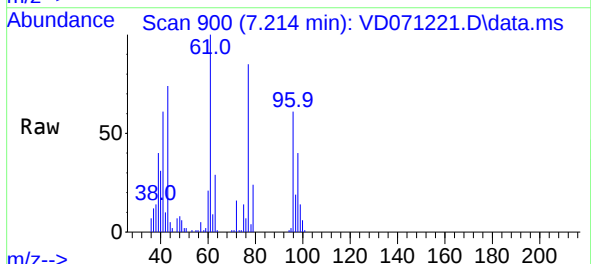
Manual Integrations
APPROVED

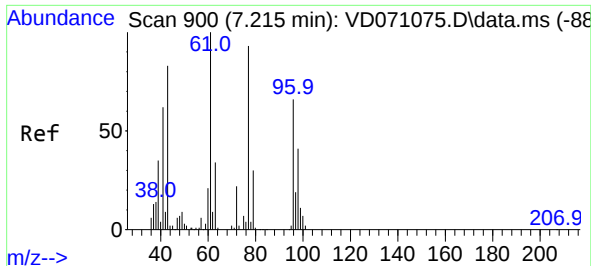
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#26
2,2-Dichloropropane
Concen: 16.08 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.005 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

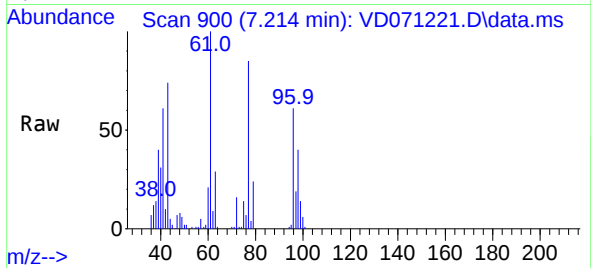
Tgt Ion: 77 Resp: 72981
Ion Ratio Lower Upper
77 100
97 21.8 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 17.51 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.001 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

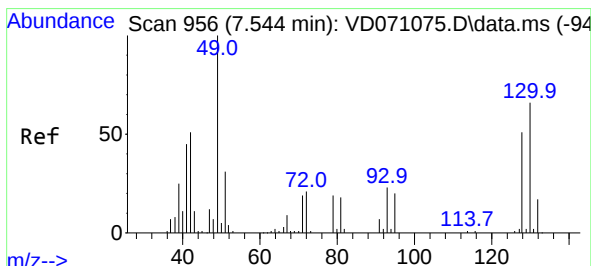
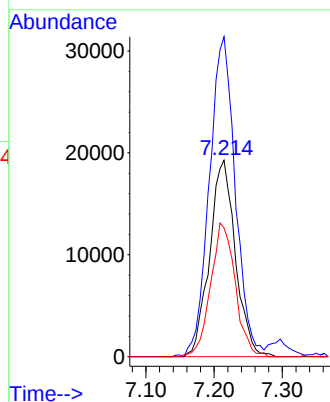
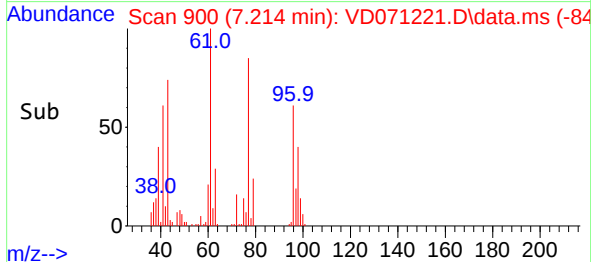
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



Tgt Ion: 96 Resp: 50860
Ion Ratio Lower Upper
96 100
61 163.9 0.0 288.6
98 64.9 0.0 129.2

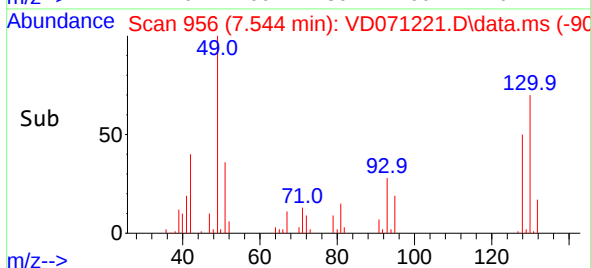
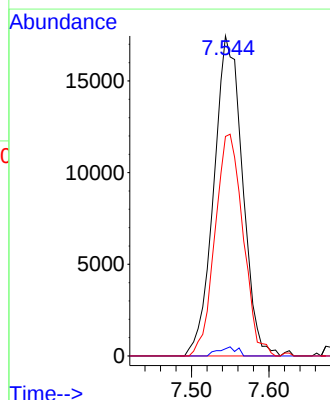
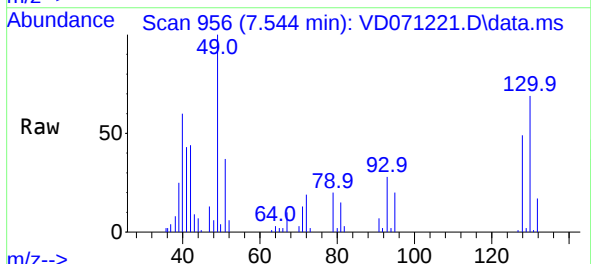
Manual Integrations
APPROVED

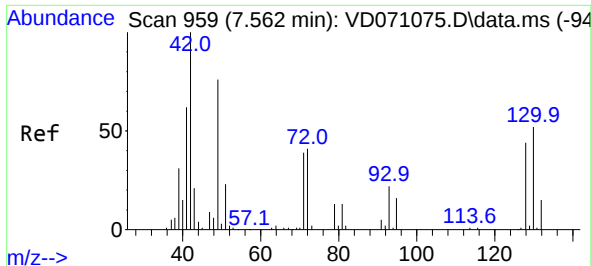
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#28
Bromochloromethane
Concen: 20.70 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

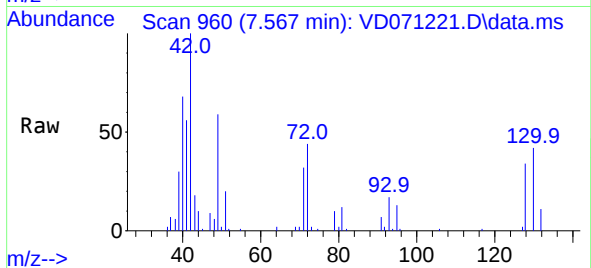
Tgt Ion: 49 Resp: 44877
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 68.0 60.2 90.2





#29
Tetrahydrofuran
Concen: 85.07 ug/l
RT: 7.567 min Scan# 90
Delta R.T. 0.005 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

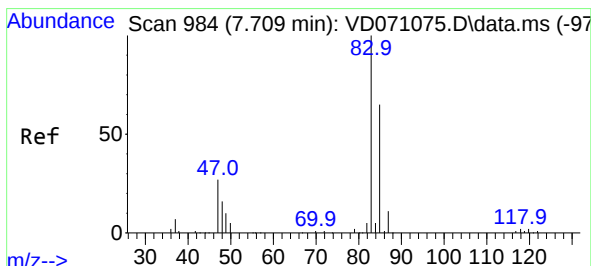
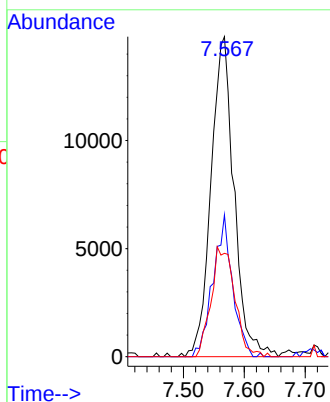
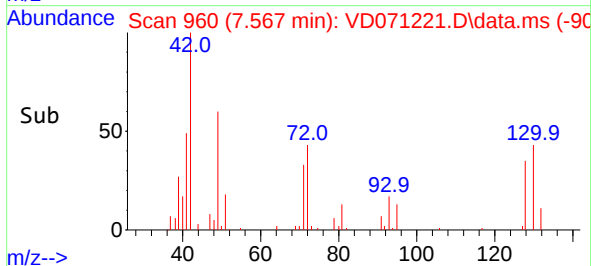
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



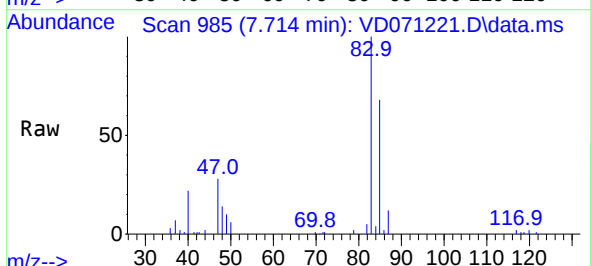
Tgt Ion: 42 Resp: 3894
Ion Ratio Lower Upper
42 100
72 37.5 33.7 50.5
71 35.2 32.7 49.1

Manual Integrations
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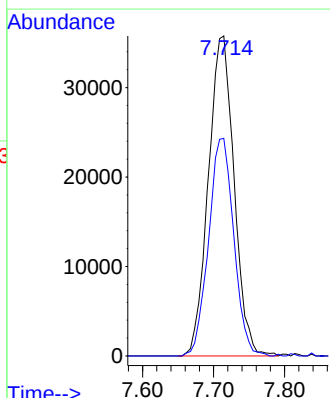
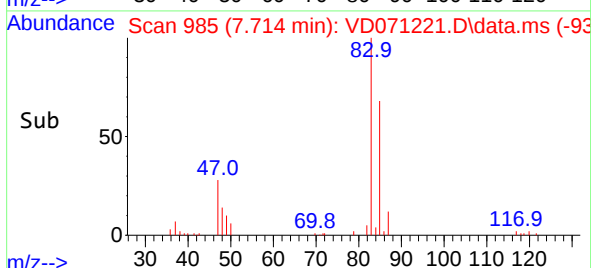
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

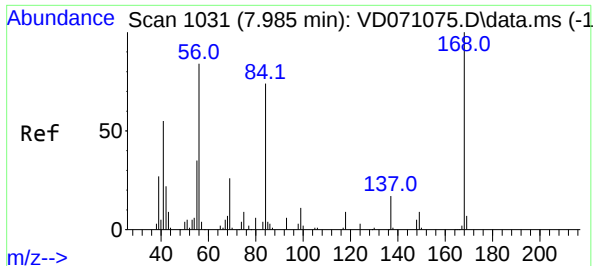


#30
Chloroform
Concen: 17.96 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.005 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



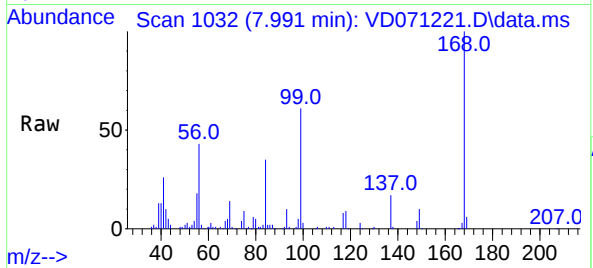
Tgt Ion: 83 Resp: 89971
Ion Ratio Lower Upper
83 100
85 68.0 51.0 76.6





#31
Cyclohexane
Concen: 17.74 ug/l
RT: 7.991 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

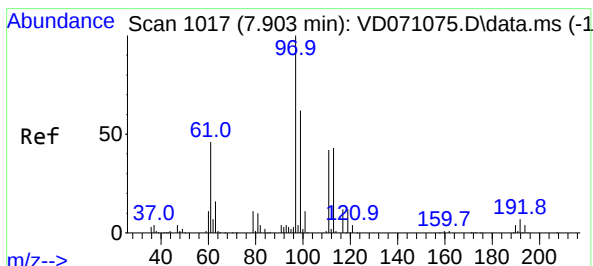
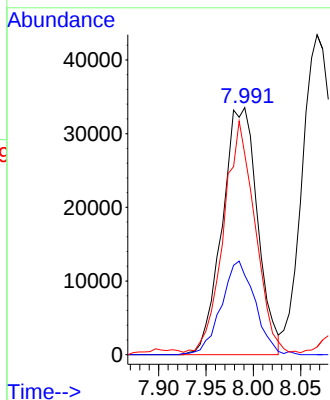
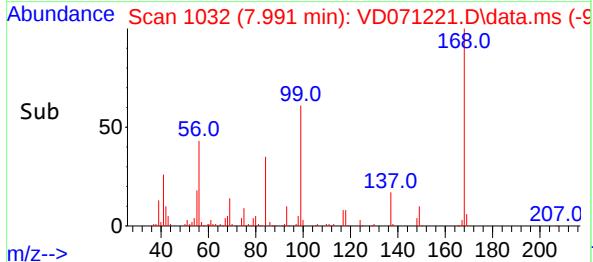
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



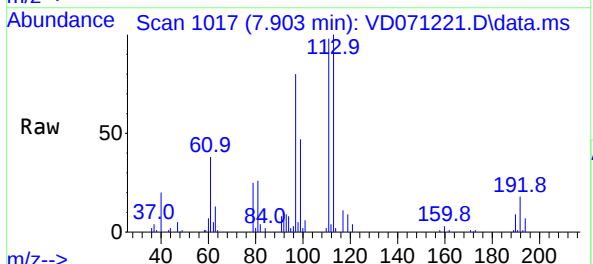
Tgt Ion: 56 Resp: 86998
Ion Ratio Lower Upper
56 100
69 32.2 25.9 38.9
84 79.5 64.3 96.5

Manual Integrations
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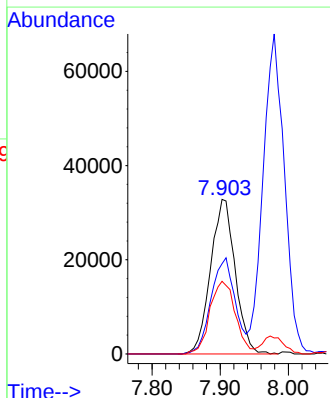
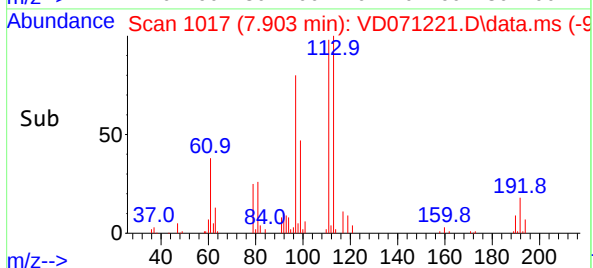
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

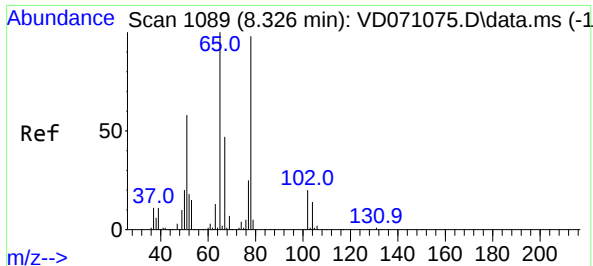


#32
1,1,1-Trichloroethane
Concen: 18.36 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



Tgt Ion: 97 Resp: 82607
Ion Ratio Lower Upper
97 100
99 60.9 50.3 75.5
61 48.8 33.0 49.4





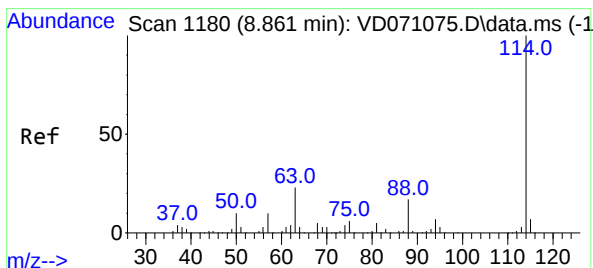
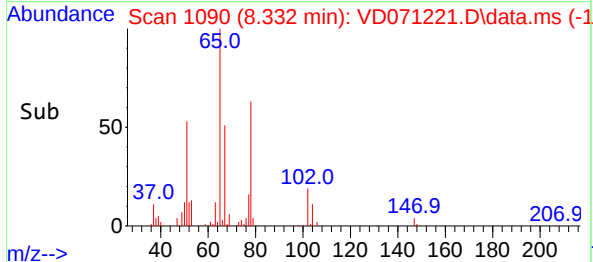
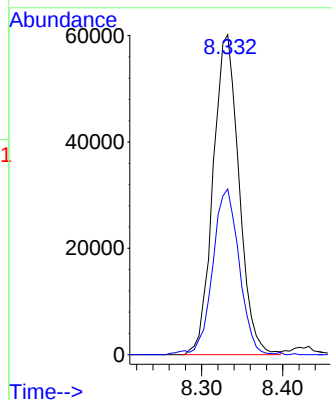
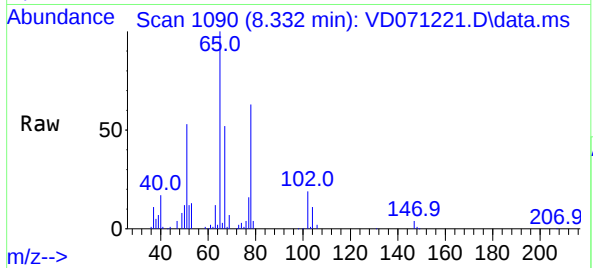
#33
1,2-Dichloroethane-d4
Concen: 46.39 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01

Tgt Ion: 65 Resp: 133728
Ion Ratio Lower Upper
65 100
67 52.9 0.0 112.2

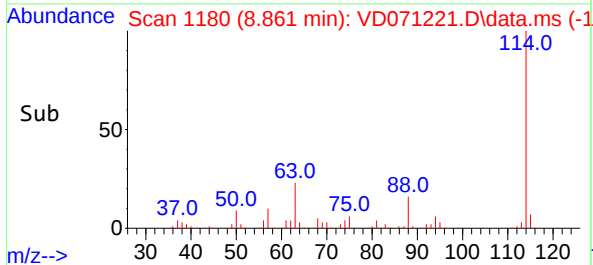
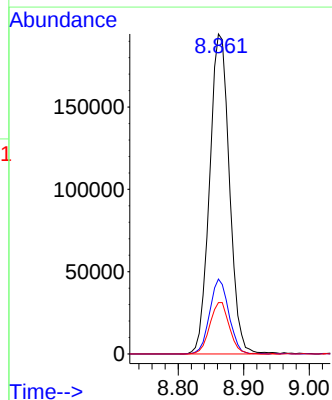
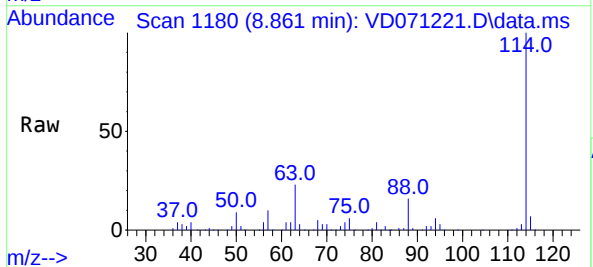
Manual Integrations
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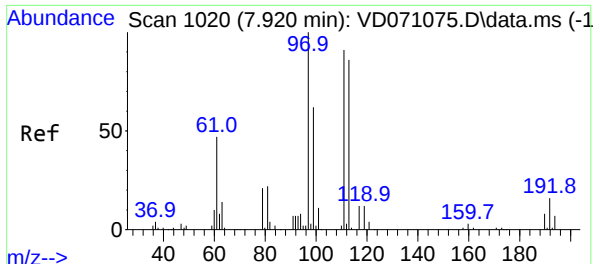
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

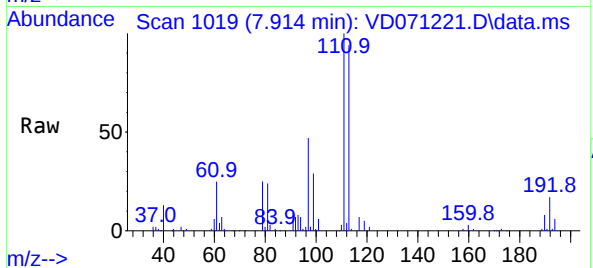
Tgt Ion:114 Resp: 407960
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.8
88 16.0 0.0 32.8





#35
Dibromofluoromethane
Concen: 48.64 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

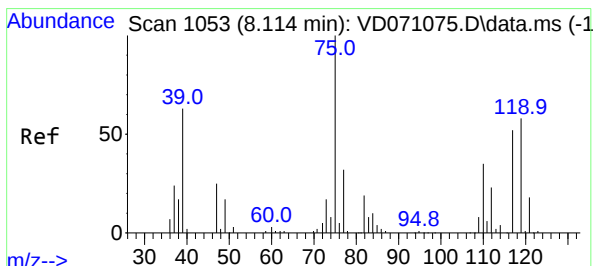
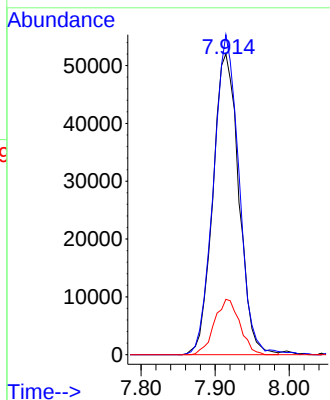
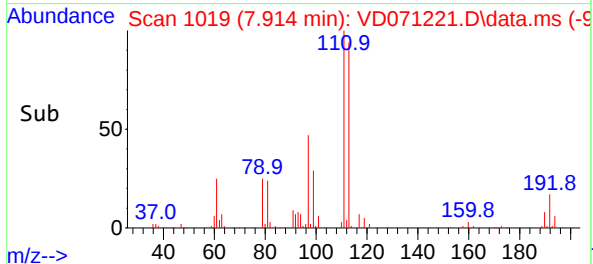
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



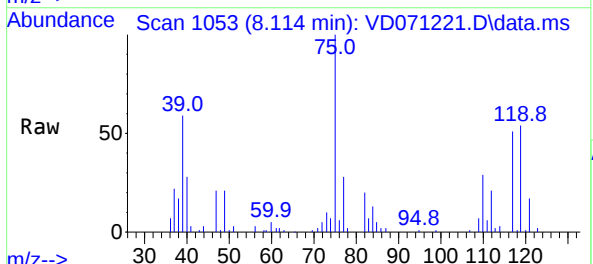
Tgt Ion: 113 Resp: 12635
Ion Ratio Lower Upper
113 100
111 104.6 82.0 123.0
192 18.0 15.2 22.8

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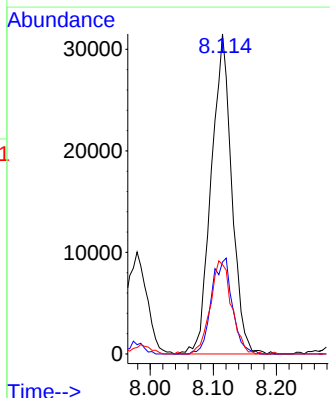
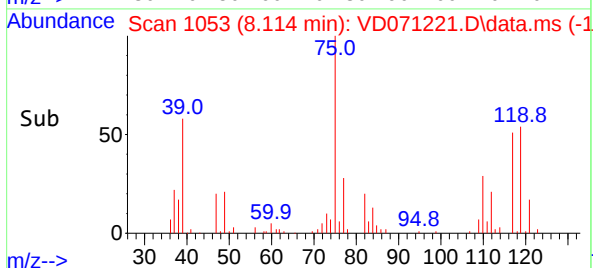
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

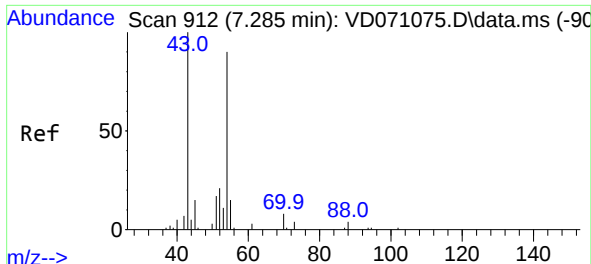


#36
1,1-Dichloropropene
Concen: 18.65 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



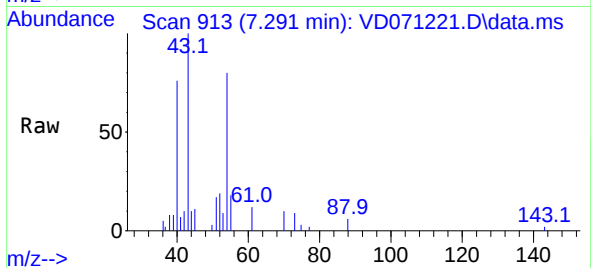
Tgt Ion: 75 Resp: 71096
Ion Ratio Lower Upper
75 100
110 30.4 17.8 53.4
77 30.1 24.8 37.2





#37
Ethyl Acetate
Concen: 17.29 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

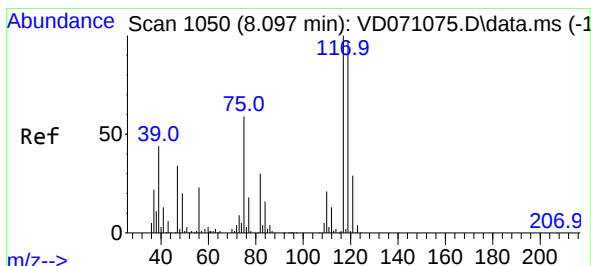
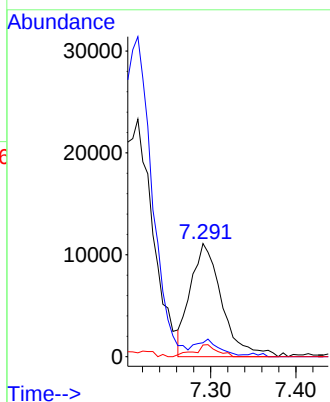
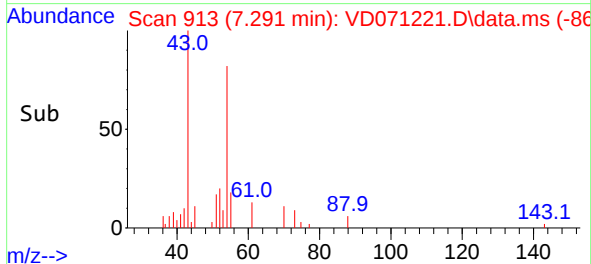
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



Tgt Ion: 43 Resp: 28470
Ion Ratio Lower Upper
43 100
61 9.8 13.0 19.6
70 7.7 8.7 13.1

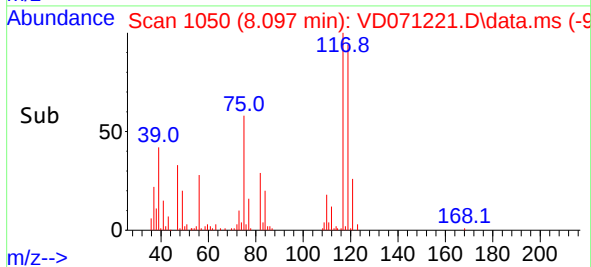
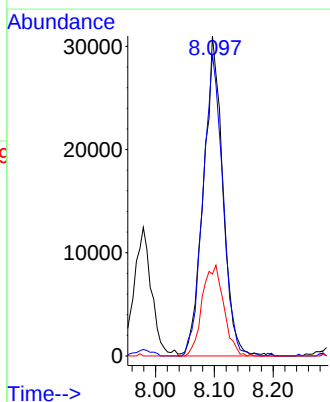
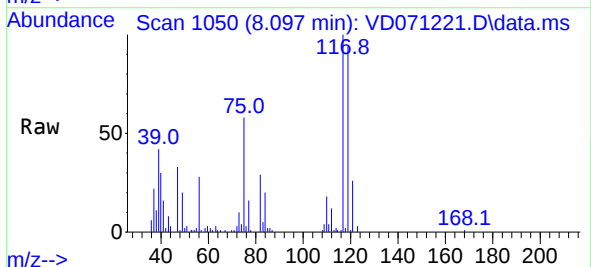
Manual Integrations
APPROVED

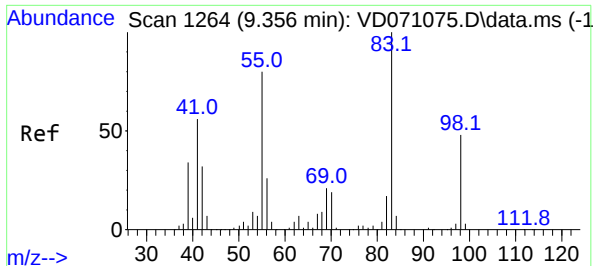
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#38
Carbon Tetrachloride
Concen: 18.85 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Tgt Ion:117 Resp: 70859
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.6
121 25.6 23.6 35.4





#39

Methylcyclohexane

Concen: 17.65 ug/l

RT: 9.356 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD071221.D

Acq: 09 Dec 2021 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1209SBS01

Tgt Ion: 83 Resp: 8093

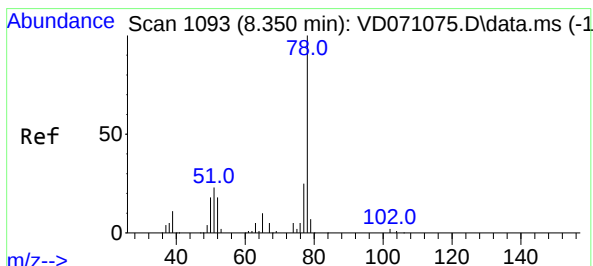
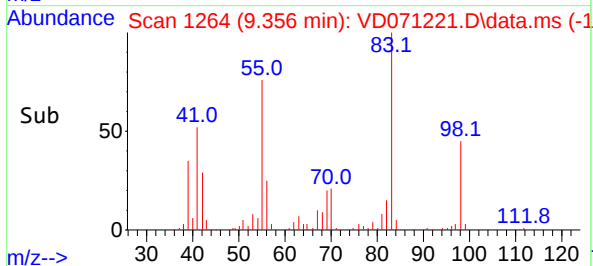
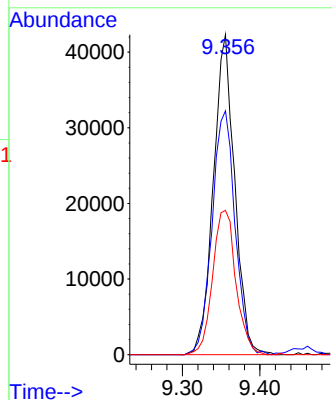
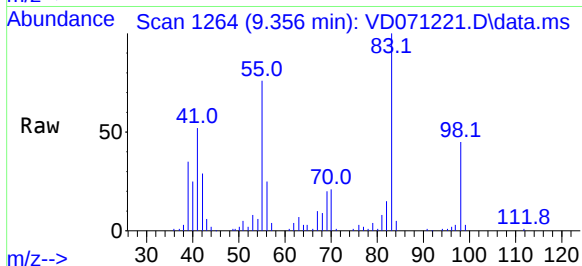
Ion	Ratio	Lower	Upper
83	100		
55	76.2	65.8	98.8
98	45.1	38.7	58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/10/2021

Supervised By :Amit Patel 12/14/2021



#40

Benzene

Concen: 18.13 ug/l

RT: 8.350 min Scan# 1093

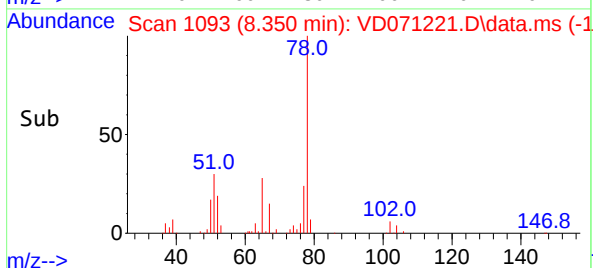
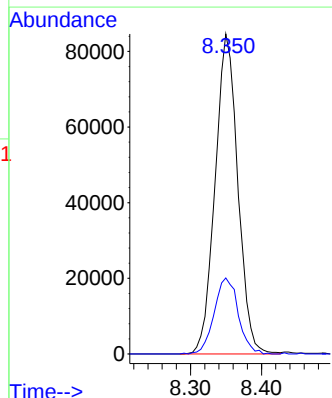
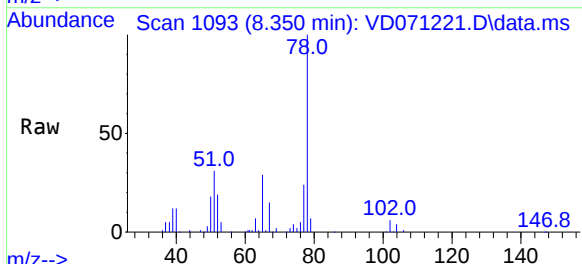
Delta R.T. -0.000 min

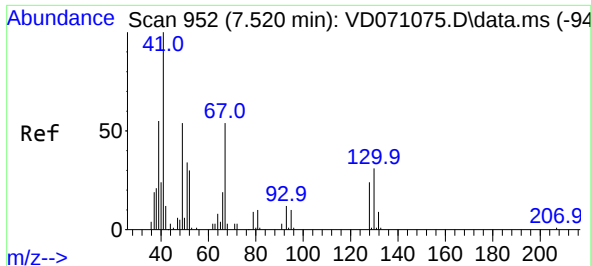
Lab File: VD071221.D

Acq: 09 Dec 2021 11:36

Tgt Ion: 78 Resp: 187728

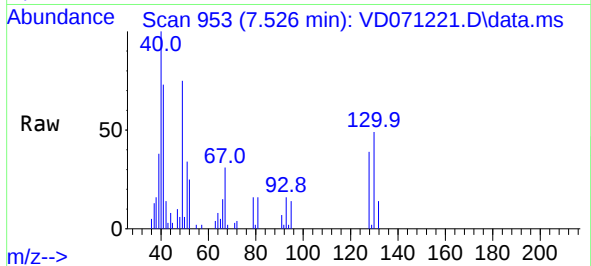
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7





#41
Methacrylonitrile
Concen: 20.13 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

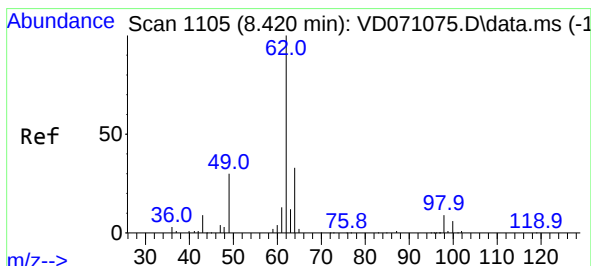
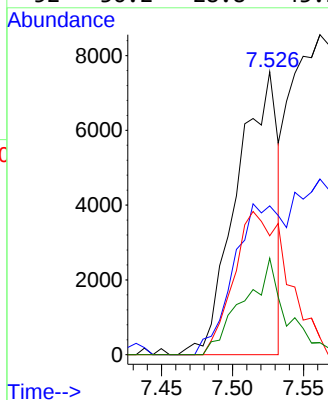
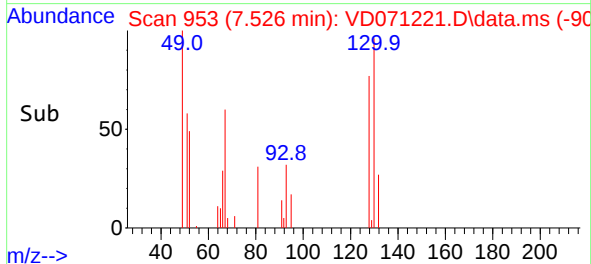
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



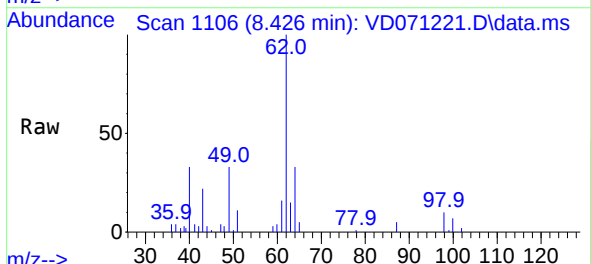
Tgt Ion: 41 Resp: 1523
Ion Ratio Lower Upper
41 100
39 65.7 60.2 90.4
67 66.3 74.8 112.2
52 36.2 28.8 43.2

Manual Integrations
APPROVED

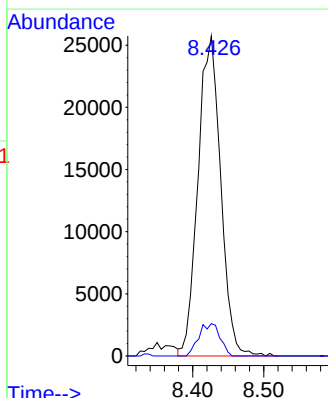
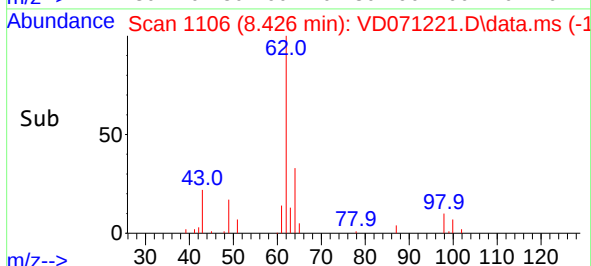
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

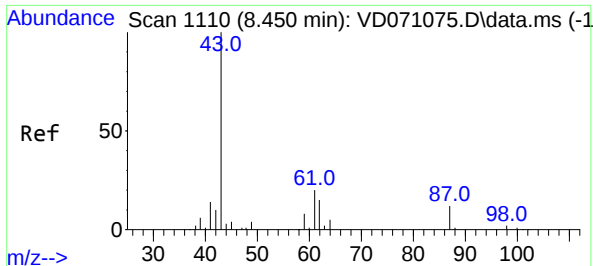


#42
1,2-Dichloroethane
Concen: 18.12 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



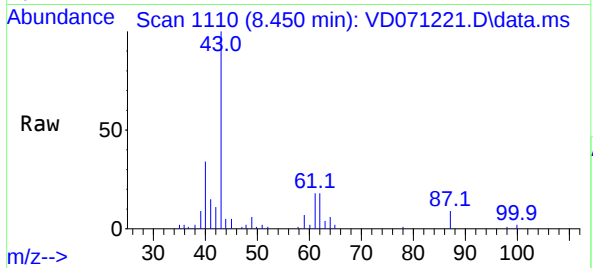
Tgt Ion: 62 Resp: 57294
Ion Ratio Lower Upper
62 100
98 9.4 0.0 21.8





#43
Isopropyl Acetate
Concen: 19.02 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

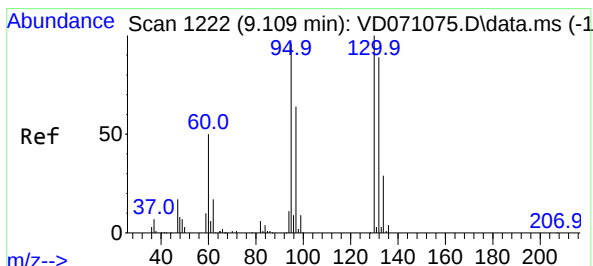
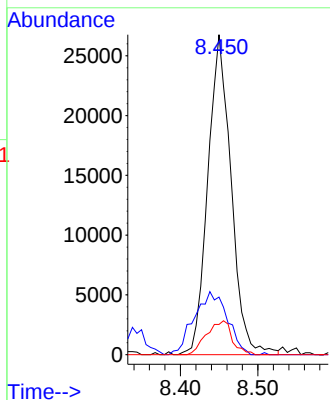
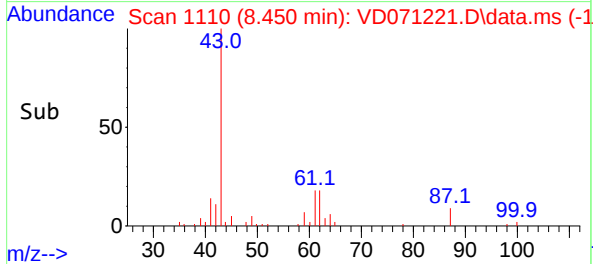
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



Tgt Ion: 43 Resp: 5585
Ion Ratio Lower Upper
43 100
61 28.1 28.2 42.4
87 11.7 10.7 16.1

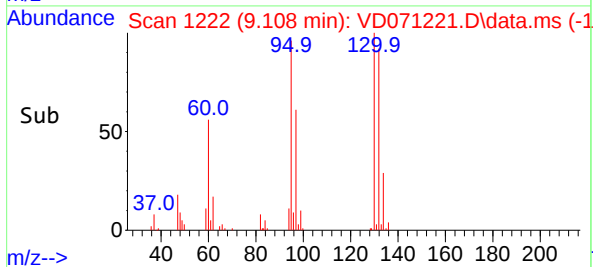
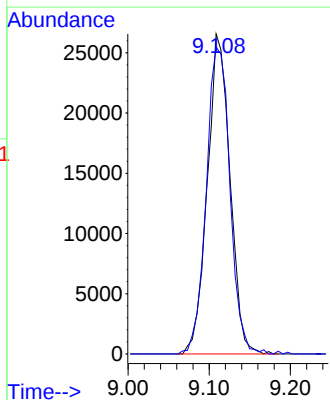
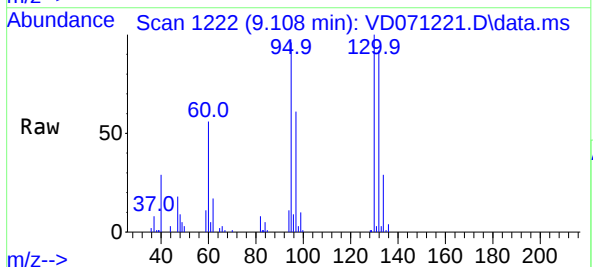
Manual Integrations
APPROVED

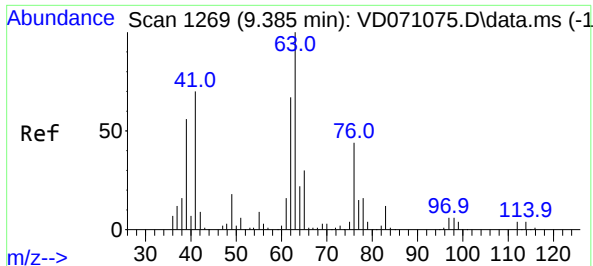
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#44
Trichloroethene
Concen: 18.65 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Tgt Ion:130 Resp: 51506
Ion Ratio Lower Upper
130 100
95 95.9 0.0 193.2





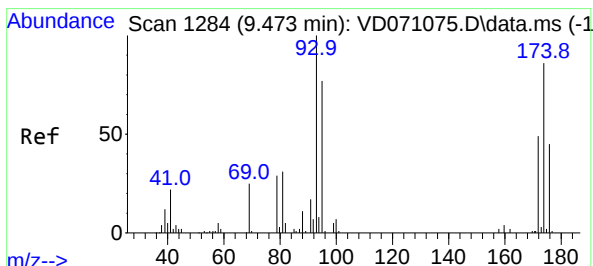
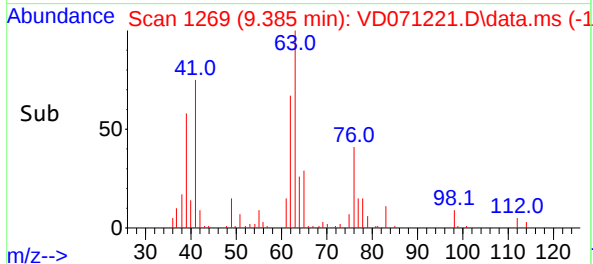
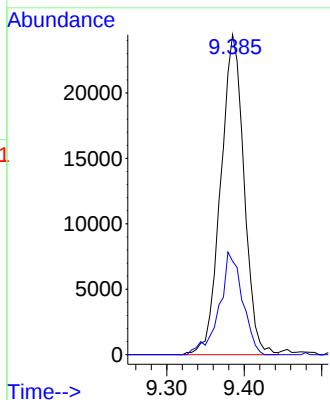
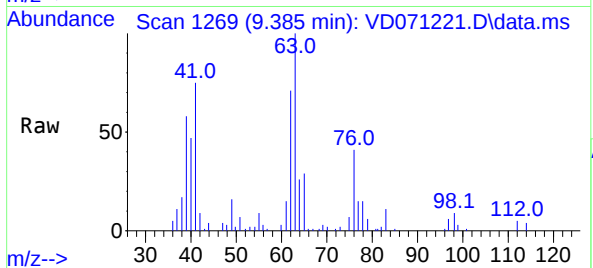
#45
1,2-Dichloropropane
Concen: 18.79 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01

Tgt Ion: 63 Resp: 5118
Ion Ratio Lower Upper
63 100
65 29.2 24.2 36.2

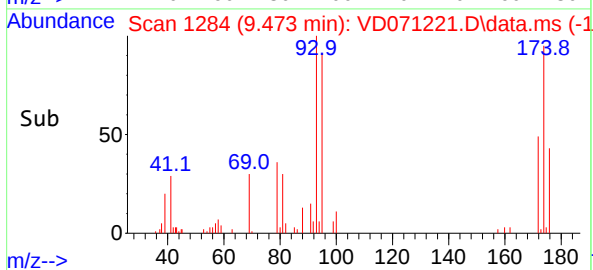
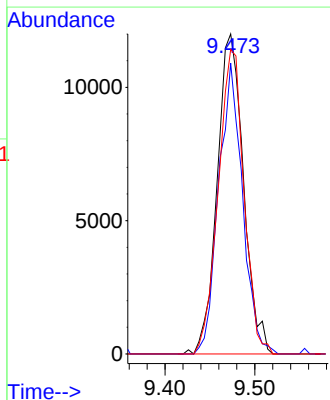
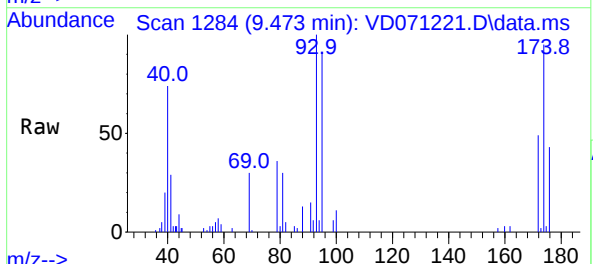
Manual Integrations
APPROVED

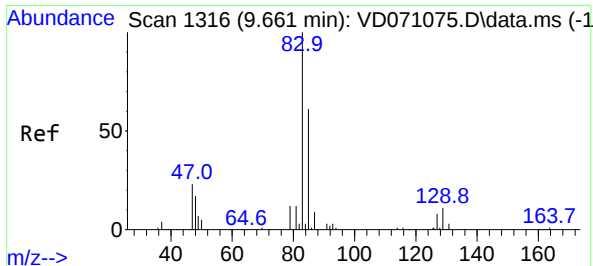
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#46
Dibromomethane
Concen: 17.29 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Tgt Ion: 93 Resp: 24437
Ion Ratio Lower Upper
93 100
95 82.6 66.1 99.1
174 93.0 78.6 117.8





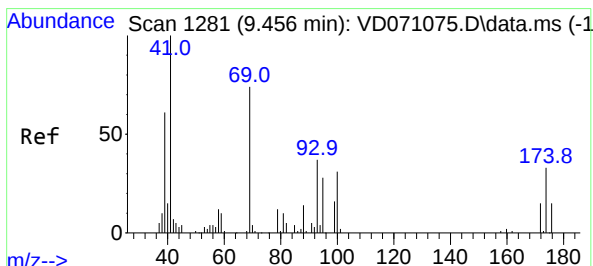
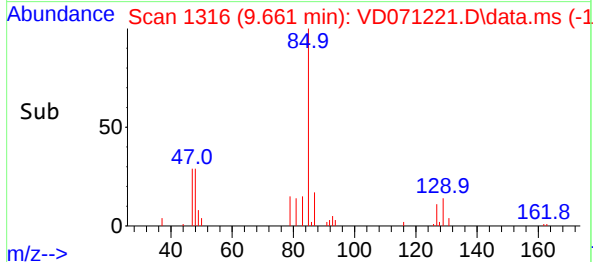
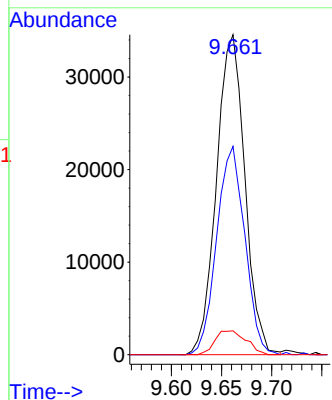
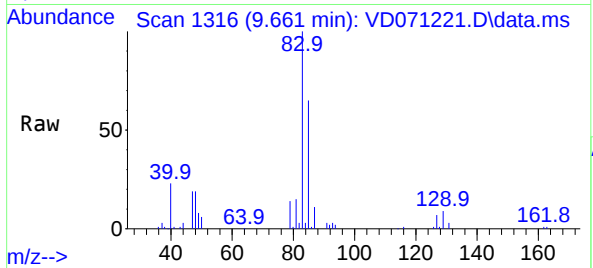
#47
Bromodichloromethane
Concen: 18.23 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01

Tgt Ion: 83 Resp: 68110
Ion Ratio Lower Upper
83 100
85 65.1 50.0 75.0
127 7.5 7.3 10.9

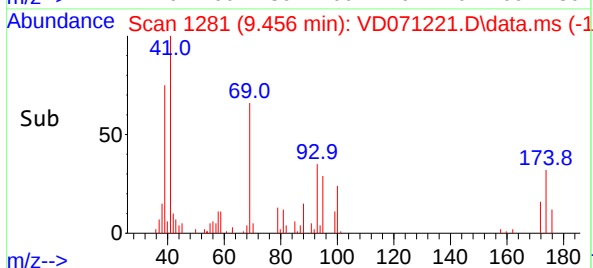
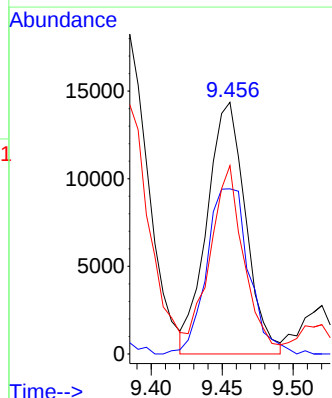
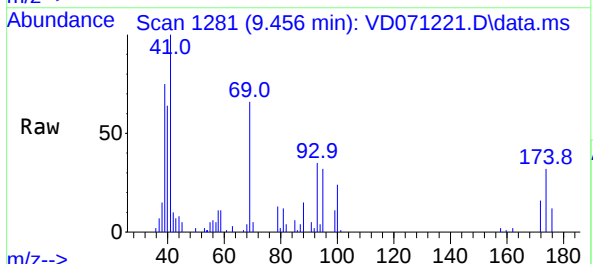
Manual Integrations
APPROVED

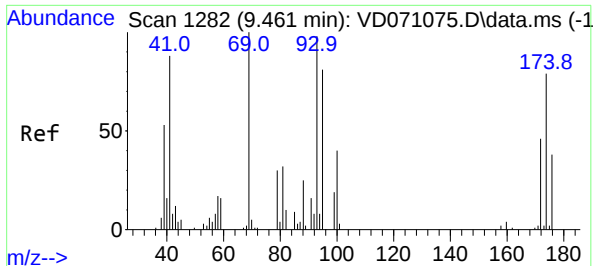
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#48
Methyl methacrylate
Concen: 16.88 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Tgt Ion: 41 Resp: 27208
Ion Ratio Lower Upper
41 100
69 72.0 69.8 104.6
39 57.7 35.6 53.4





#49

1,4-Dioxane

Concen: 389.86 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VD071221.D

Acq: 09 Dec 2021 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1209SBS01

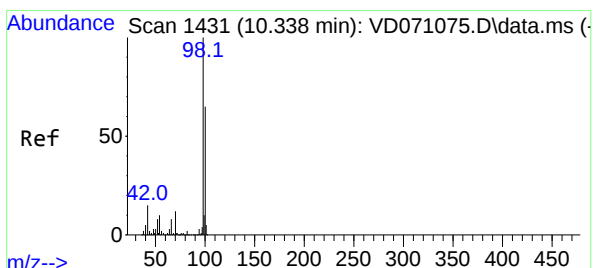
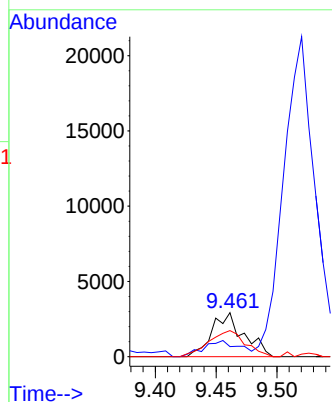
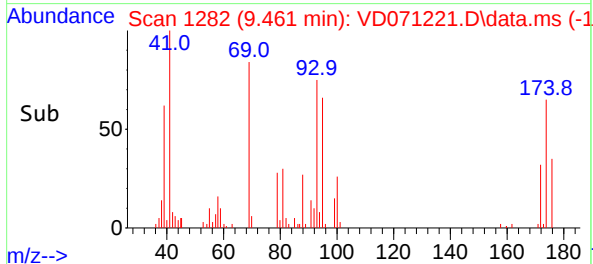
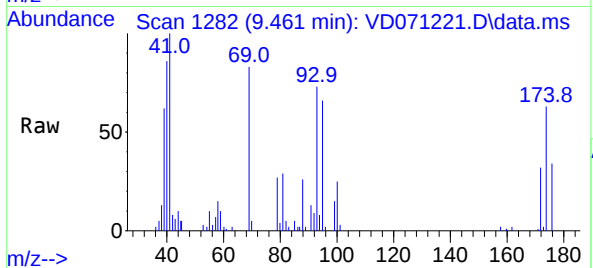
Tgt Ion: 88 Resp: 5318

Ion	Ratio	Lower	Upper
88	100		
43	41.2	28.9	43.3
58	68.1	56.3	84.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#50

Toluene-d8

Concen: 46.23 ug/l

RT: 10.338 min Scan# 1431

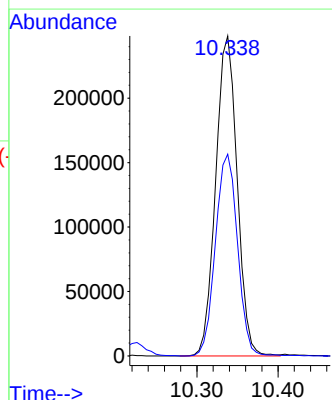
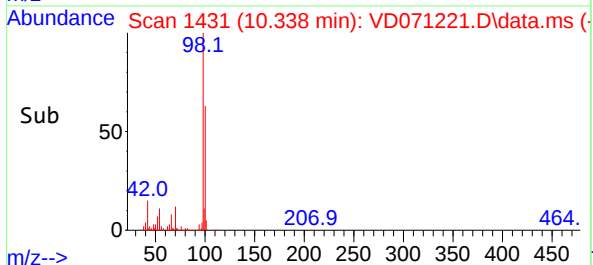
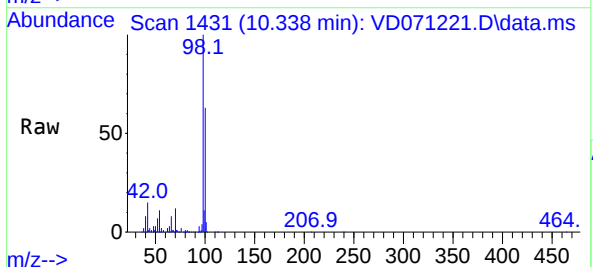
Delta R.T. -0.000 min

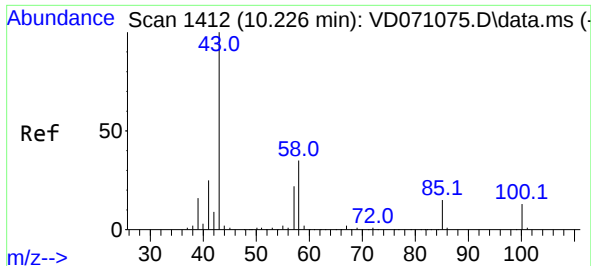
Lab File: VD071221.D

Acq: 09 Dec 2021 11:36

Tgt Ion: 98 Resp: 457022

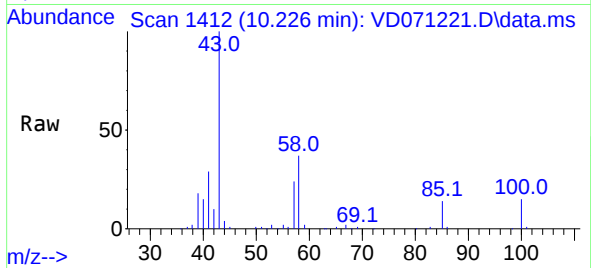
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 94.80 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

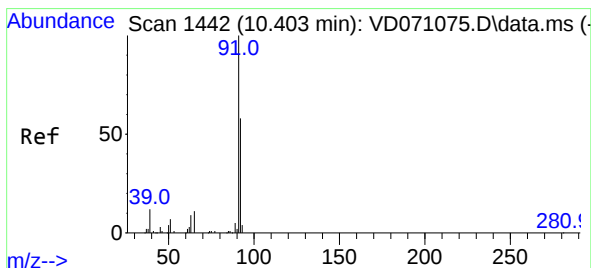
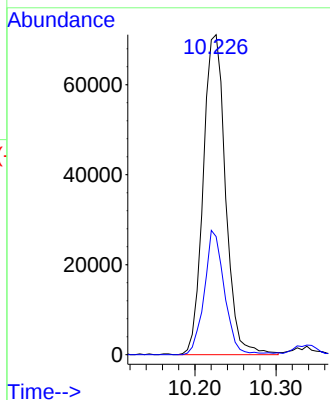
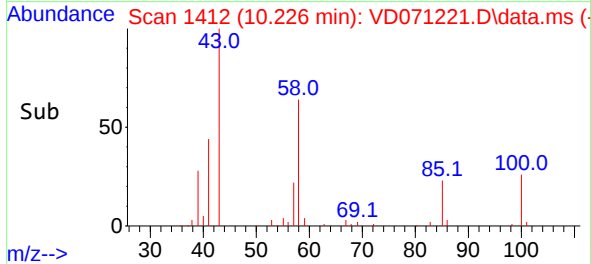
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



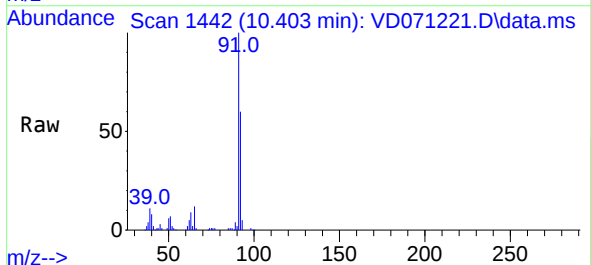
Tgt Ion: 43 Resp: 135780
Ion Ratio Lower Upper
43 100
58 34.8 33.1 49.7

Manual Integrations
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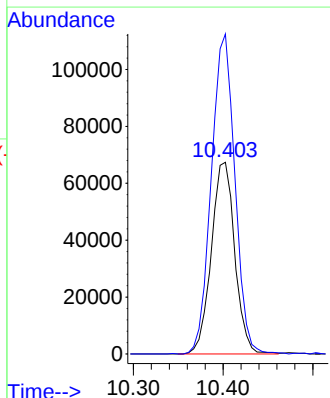
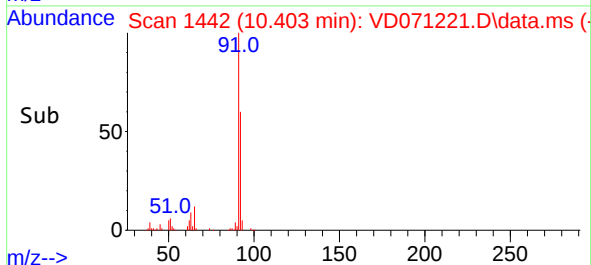
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

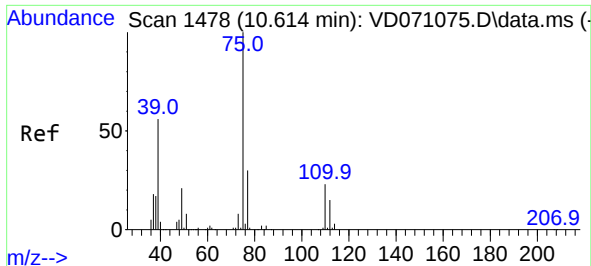


#52
Toluene
Concen: 18.62 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



Tgt Ion: 92 Resp: 122385
Ion Ratio Lower Upper
92 100
91 167.5 140.7 211.1





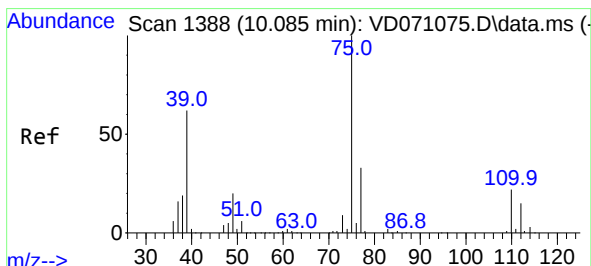
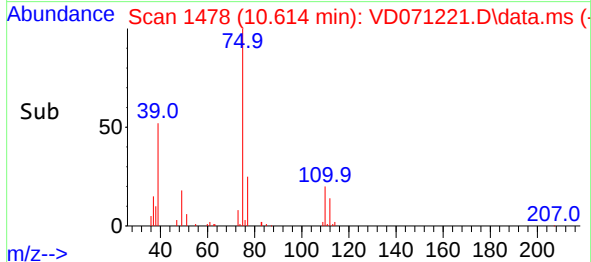
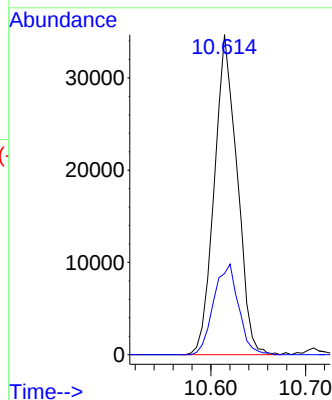
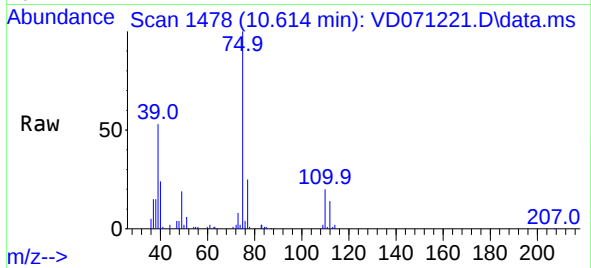
#53
t-1,3-Dichloropropene
Concen: 16.89 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01

Tgt Ion: 75 Resp: 5802
Ion Ratio Lower Upper
75 100
77 25.3 24.5 36.7

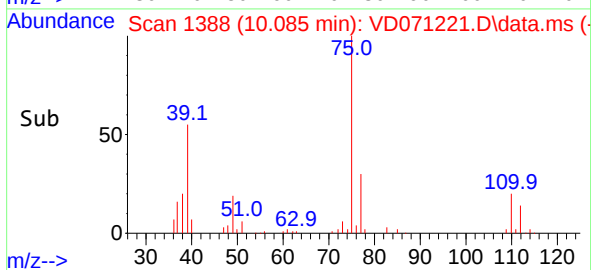
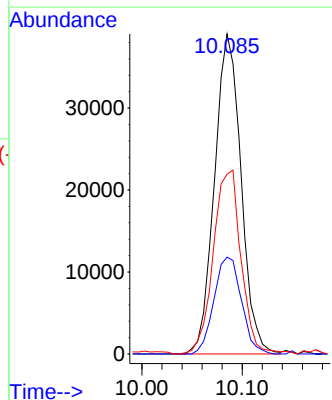
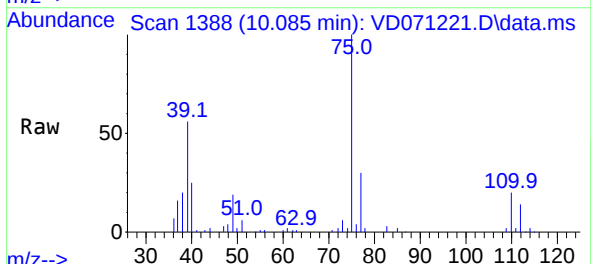
Manual Integrations
APPROVED

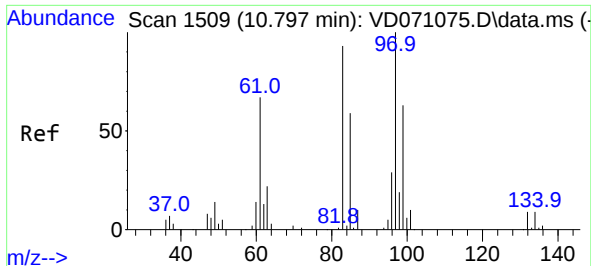
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#54
cis-1,3-Dichloropropene
Concen: 17.55 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

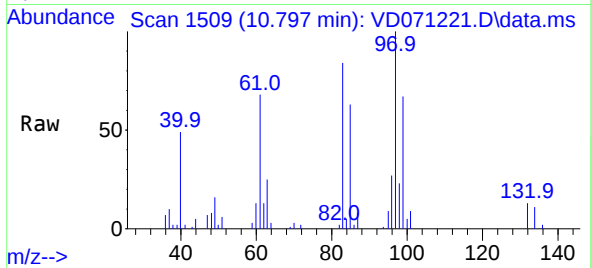
Tgt Ion: 75 Resp: 71621
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.6
39 56.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 18.07 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

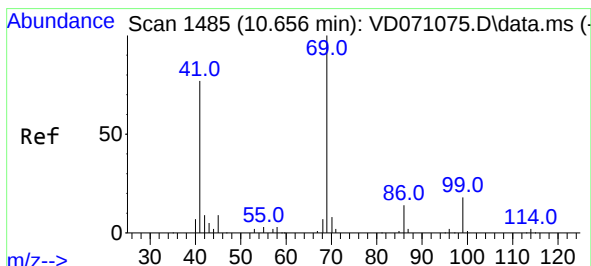
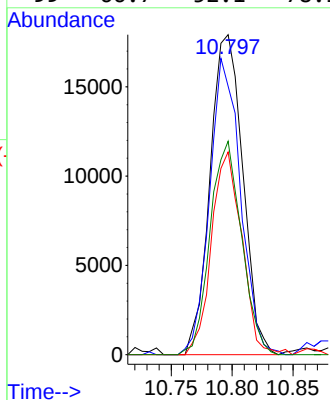
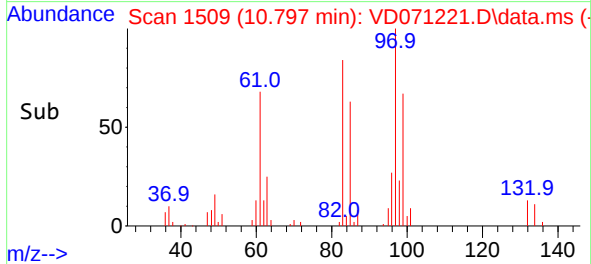
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



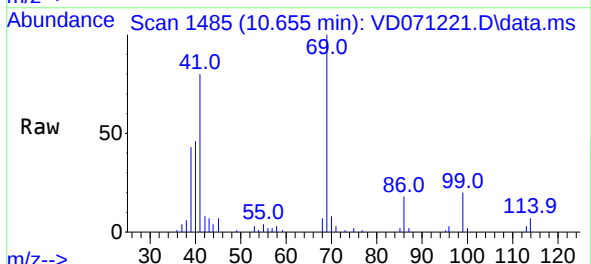
Tgt Ion: 97 Resp: 33504
Ion Ratio Lower Upper
97 100
83 83.9 65.2 97.8
85 63.4 43.4 65.0
99 66.7 52.1 78.1

Manual Integrations
APPROVED

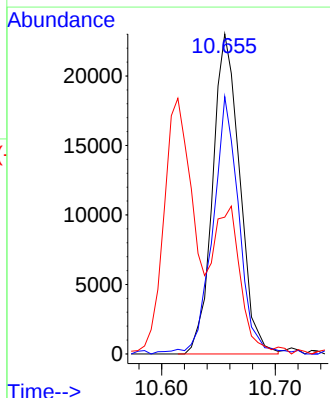
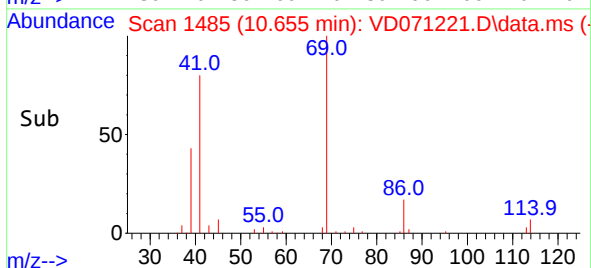
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

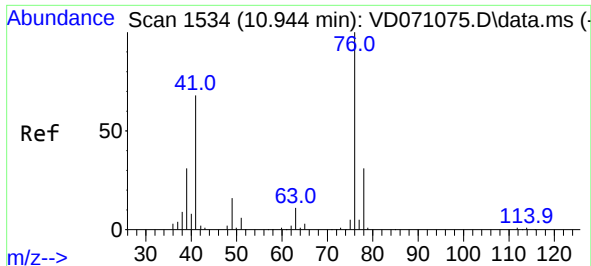


#56
Ethyl methacrylate
Concen: 18.52 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



Tgt Ion: 69 Resp: 38019
Ion Ratio Lower Upper
69 100
41 78.2 50.2 75.2#
39 47.1 19.8 29.8#





#57

1,3-Dichloropropane

Concen: 18.33 ug/l

RT: 10.944 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD071221.D

Acq: 09 Dec 2021 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1209SBS01

Tgt Ion: 76 Resp: 5969

Ion Ratio Lower Upper

76 100

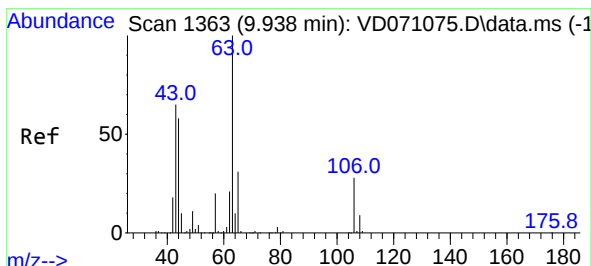
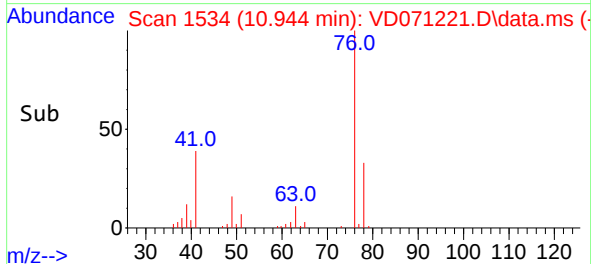
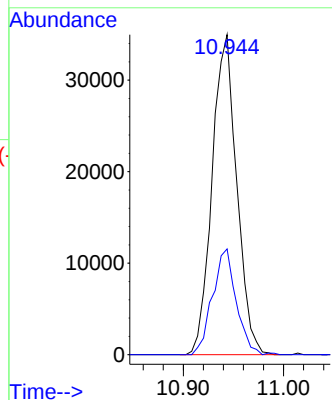
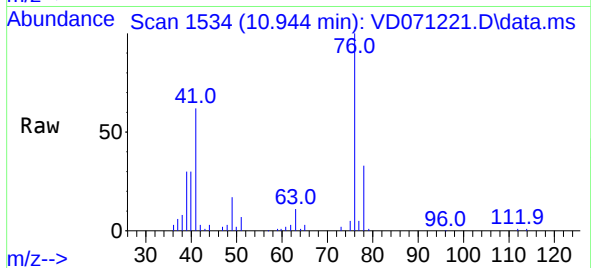
78 31.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/10/2021

Supervised By :Amit Patel 12/14/2021



#58

2-Chloroethyl Vinyl ether

Concen: 99.74 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071221.D

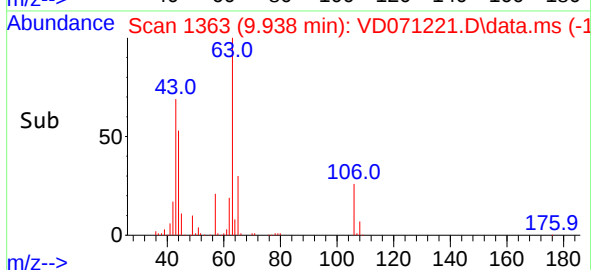
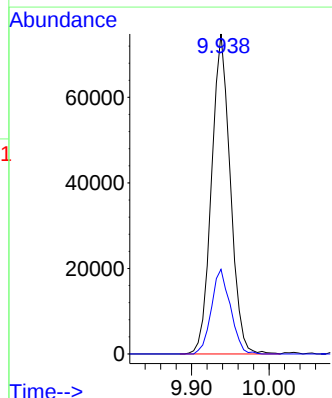
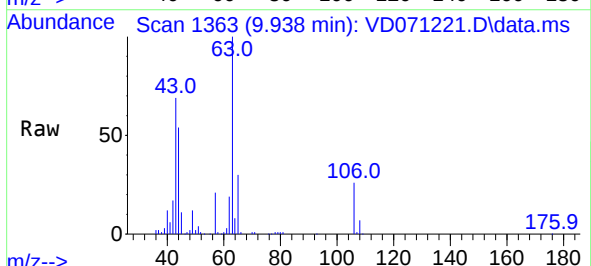
Acq: 09 Dec 2021 11:36

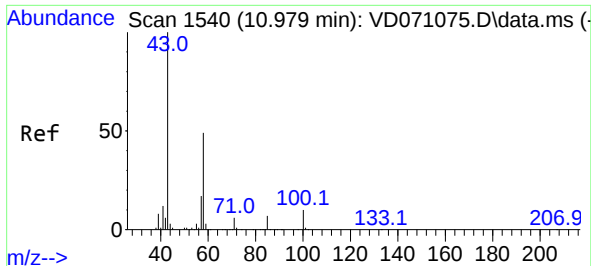
Tgt Ion: 63 Resp: 125820

Ion Ratio Lower Upper

63 100

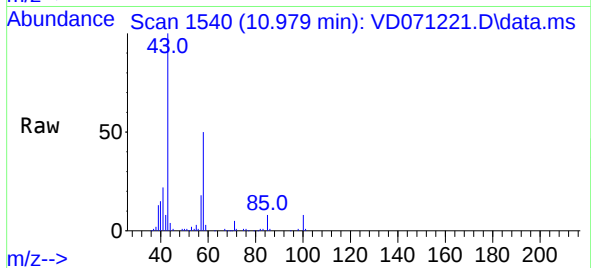
106 26.8 21.0 31.4





#59
2-Hexanone
Concen: 92.84 ug/l
RT: 10.979 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

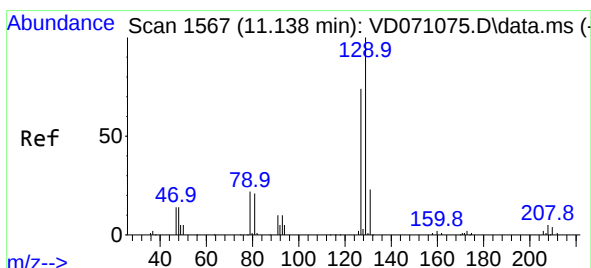
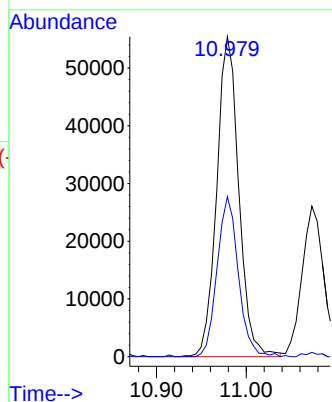
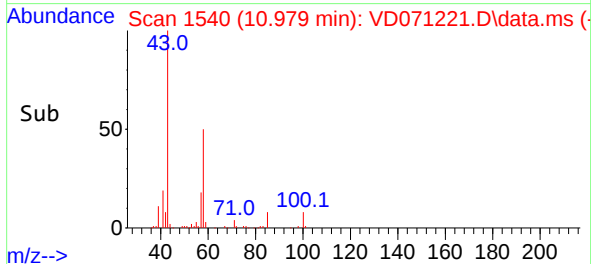
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



Tgt Ion: 43 Resp: 9462
Ion Ratio Lower Upper
43 100
58 48.1 28.7 86.1

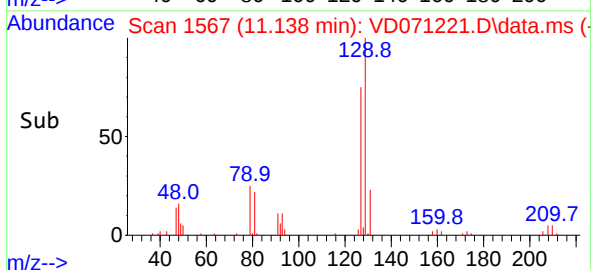
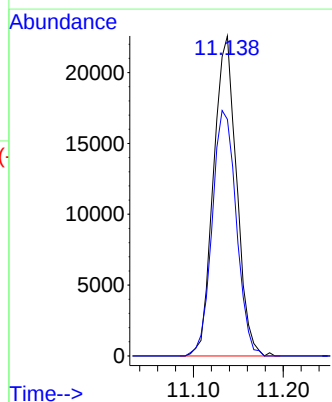
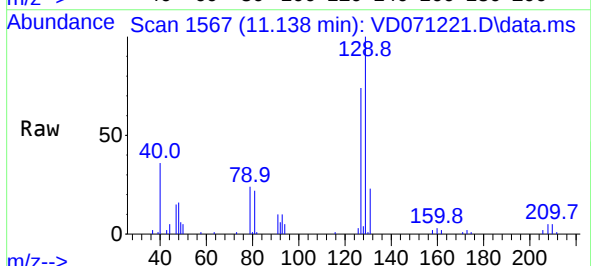
Manual Integrations
APPROVED

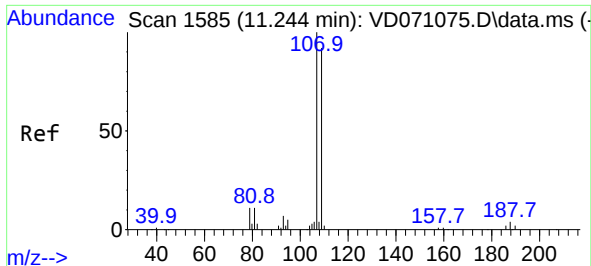
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#60
Dibromochloromethane
Concen: 17.51 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Tgt Ion:129 Resp: 40337
Ion Ratio Lower Upper
129 100
127 80.2 38.9 116.6





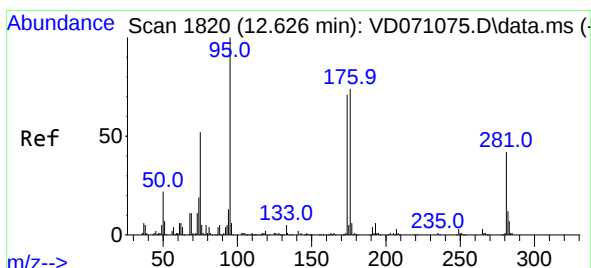
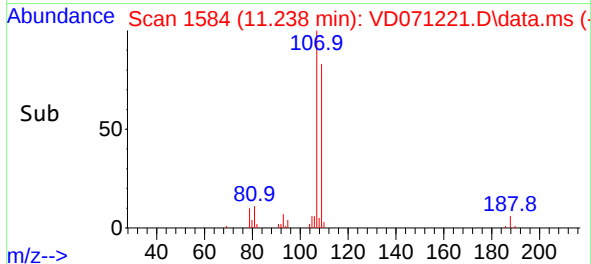
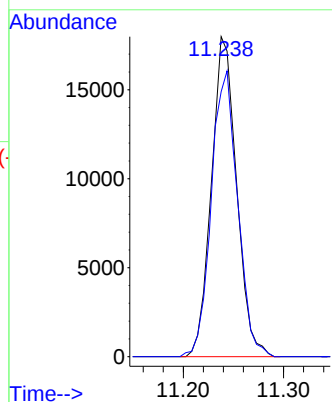
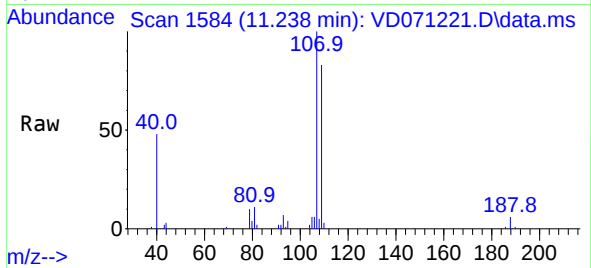
#61
1,2-Dibromoethane
Concen: 17.59 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01

Tgt Ion:107 Resp: 31314
Ion Ratio Lower Upper
107 100
109 93.2 74.6 112.0

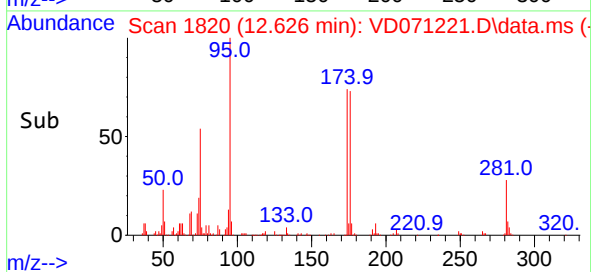
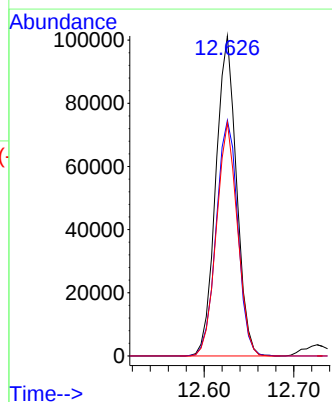
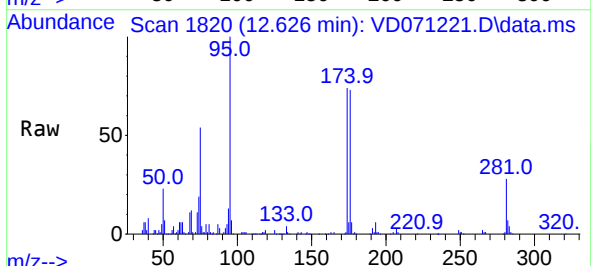
Manual Integrations
APPROVED

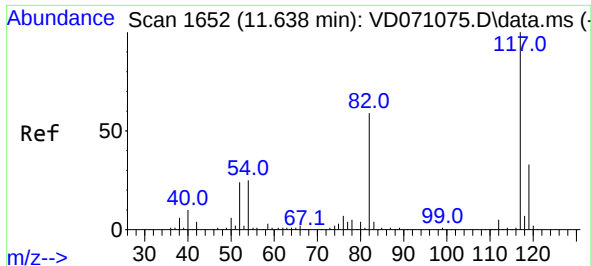
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#62
4-Bromofluorobenzene
Concen: 47.24 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

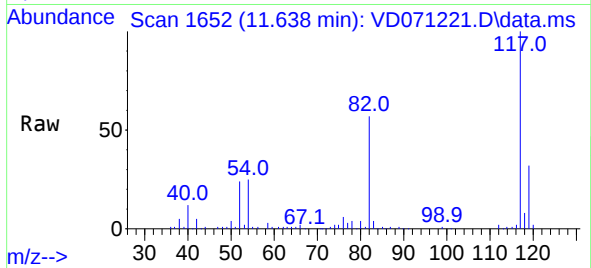
Tgt Ion: 95 Resp: 161890
Ion Ratio Lower Upper
95 100
174 76.9 0.0 159.4
176 74.0 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 11652
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

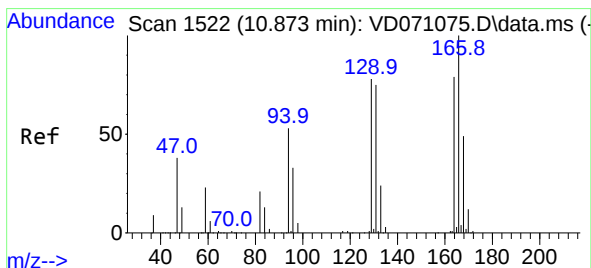
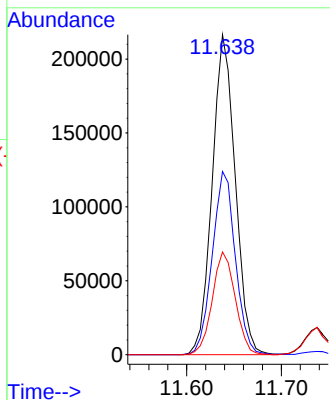
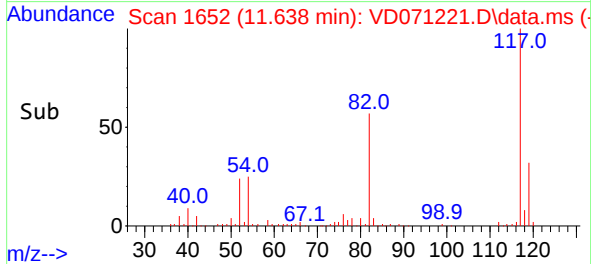
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



Tgt Ion:117 Resp: 365930
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 32.1 26.2 39.4

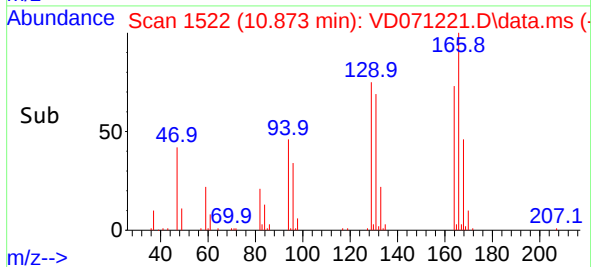
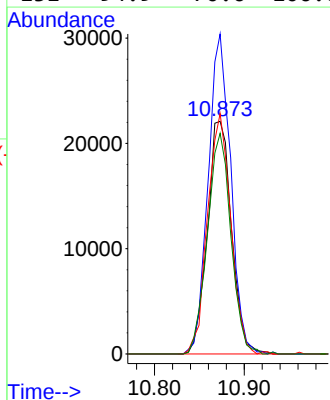
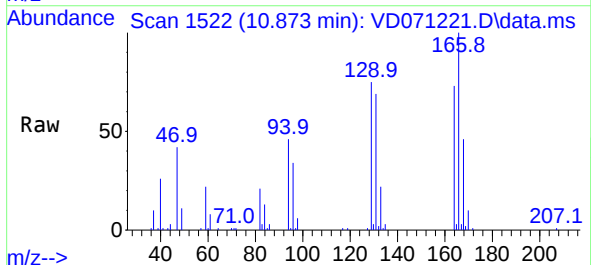
Manual Integrations
APPROVED

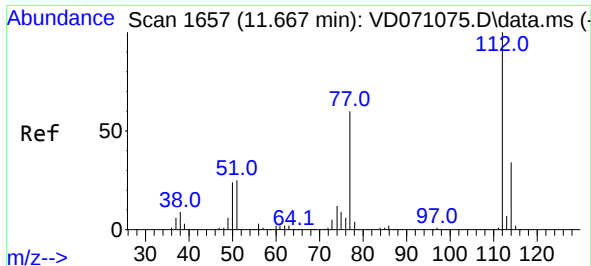
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#64
Tetrachloroethene
Concen: 17.82 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Tgt Ion:164 Resp: 41399
Ion Ratio Lower Upper
164 100
166 137.5 102.6 153.8
129 103.3 75.4 113.0
131 94.9 70.6 106.0





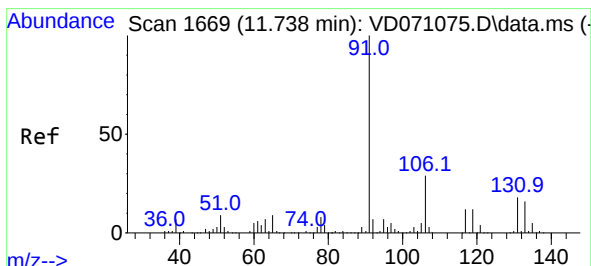
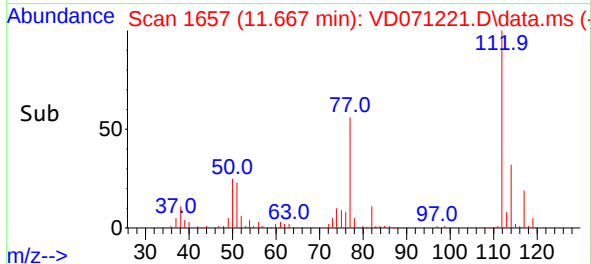
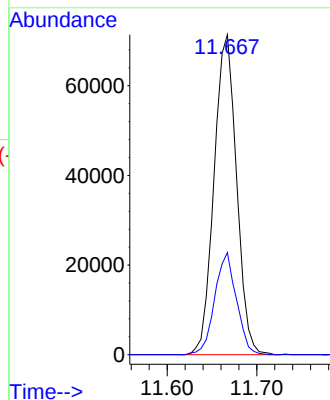
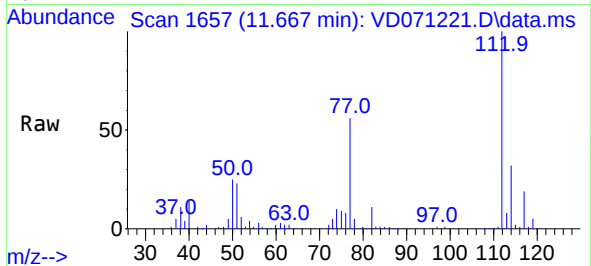
#65
Chlorobenzene
Concen: 18.30 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01

Tgt Ion:112 Resp: 12425
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0

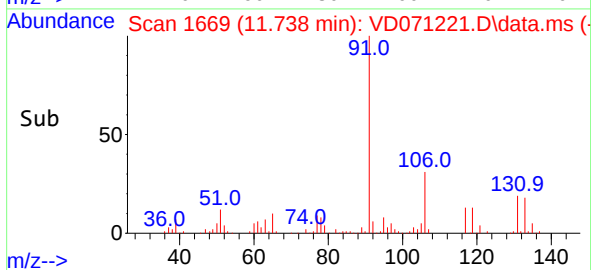
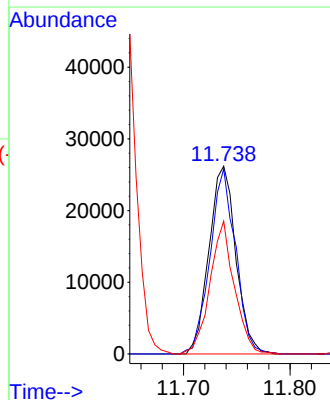
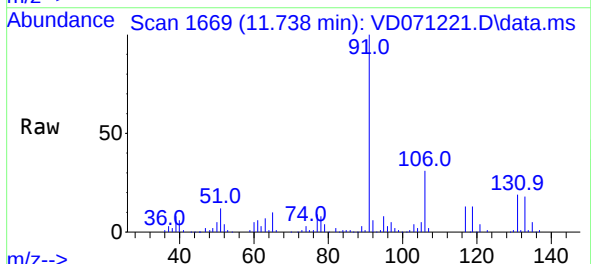
Manual Integrations
APPROVED

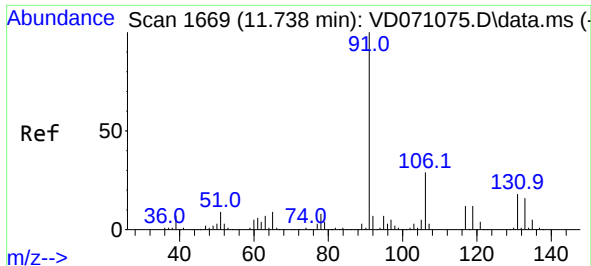
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 18.54 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Tgt Ion:131 Resp: 45955
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.0
119 64.0 33.5 100.4





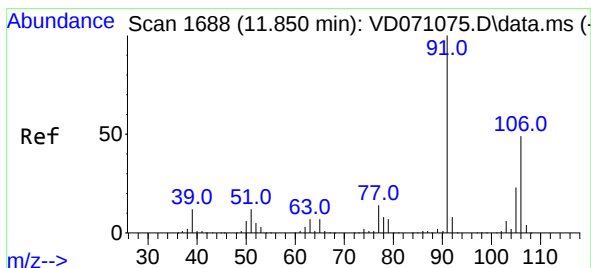
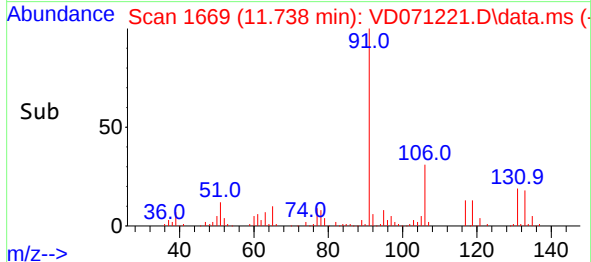
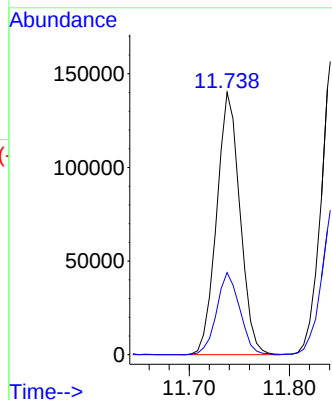
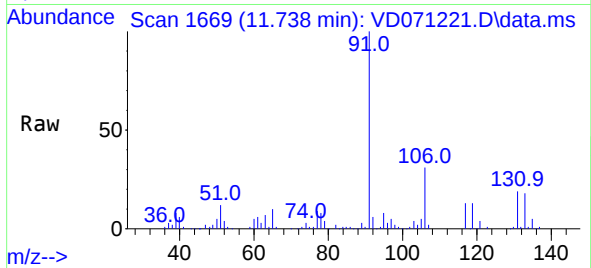
#67
Ethyl Benzene
Concen: 17.70 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01

Tgt Ion: 91 Resp: 22624
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8

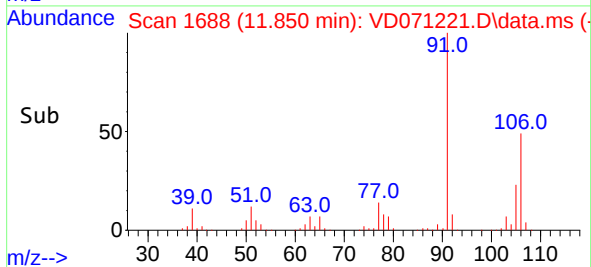
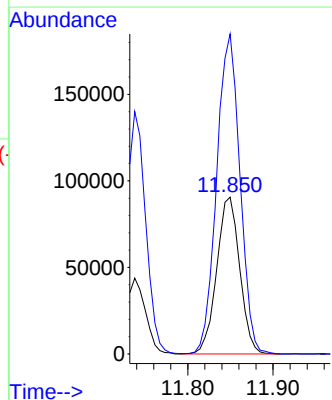
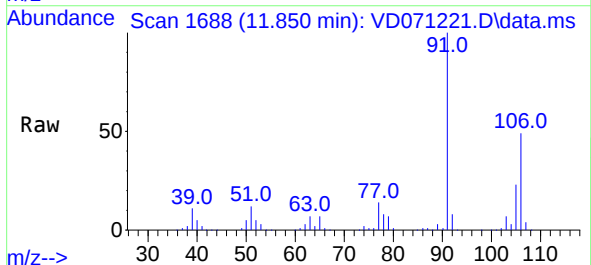
Manual Integrations
APPROVED

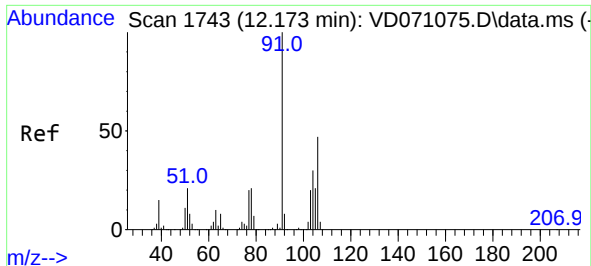
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#68
m/p-Xylenes
Concen: 35.23 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

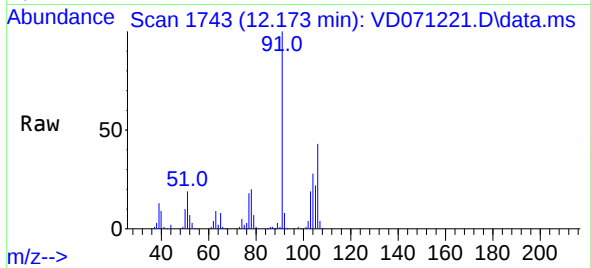
Tgt Ion:106 Resp: 169994
Ion Ratio Lower Upper
106 100
91 206.6 160.1 240.1





#69
o-Xylene
Concen: 17.47 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

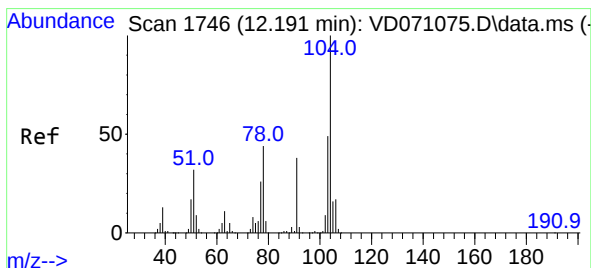
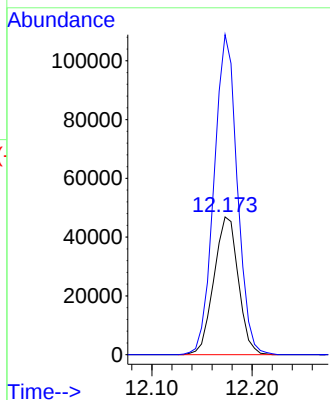
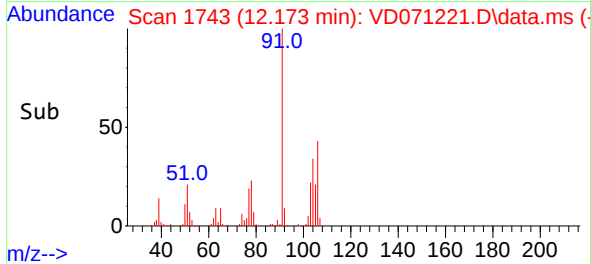
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



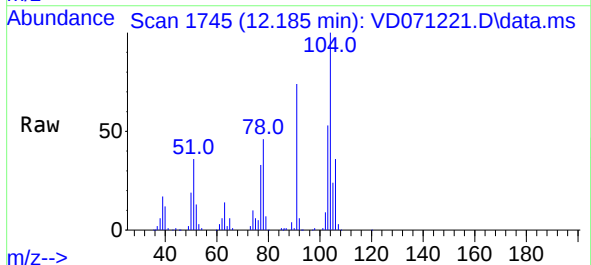
Tgt Ion:106 Resp: 7924
Ion Ratio Lower Upper
106 100
91 221.3 106.3 319.0

Manual Integrations
APPROVED

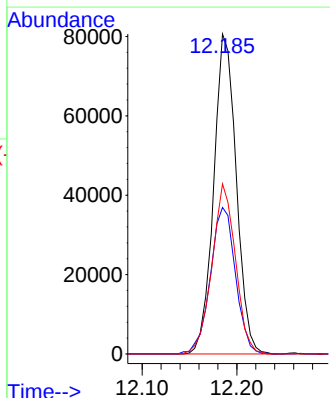
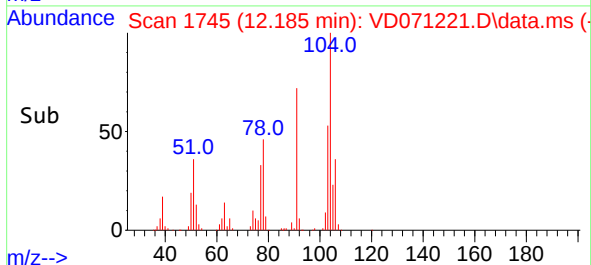
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

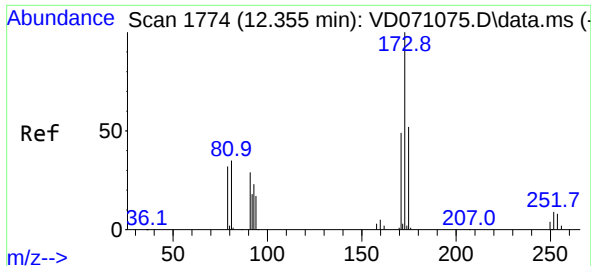


#70
Styrene
Concen: 17.50 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



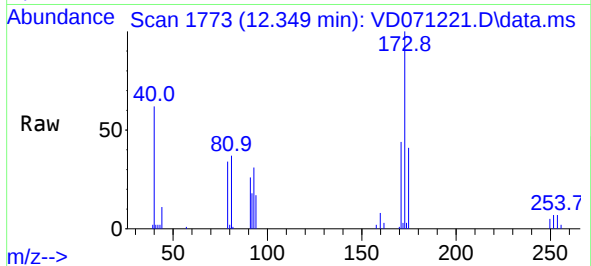
Tgt Ion:104 Resp: 133802
Ion Ratio Lower Upper
104 100
78 50.9 39.4 59.0
103 55.2 43.4 65.0





#71
Bromoform
Concen: 17.15 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

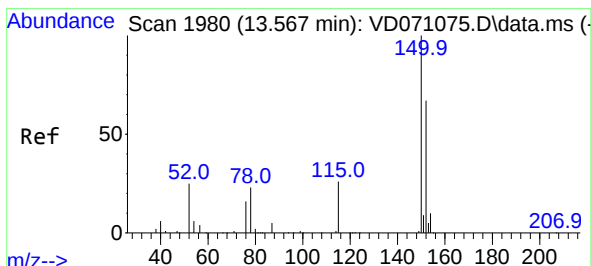
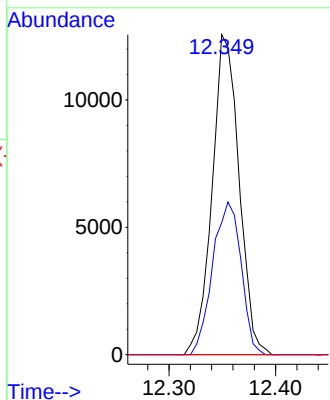
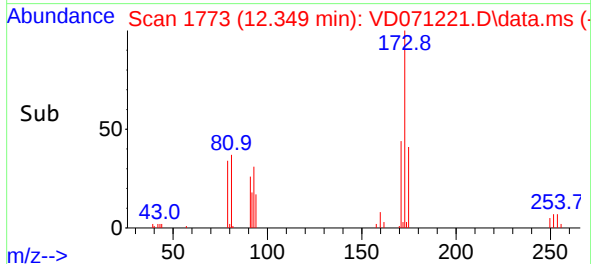
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



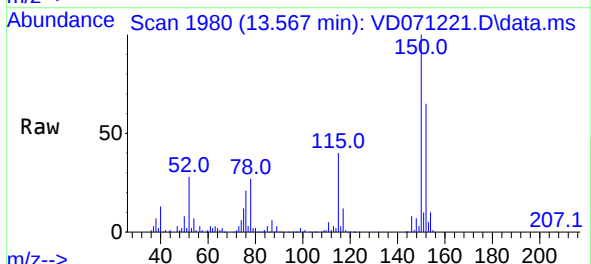
Tgt Ion:173 Resp: 2202
Ion Ratio Lower Upper
173 100
175 50.4 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

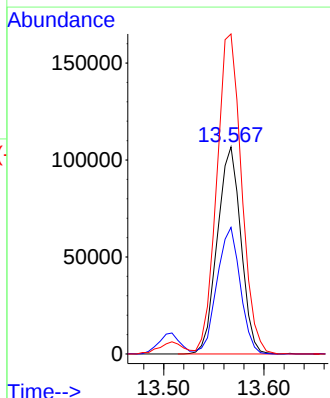
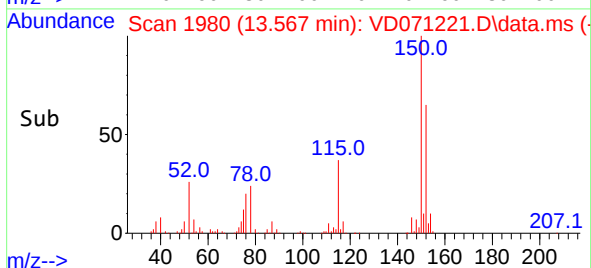
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

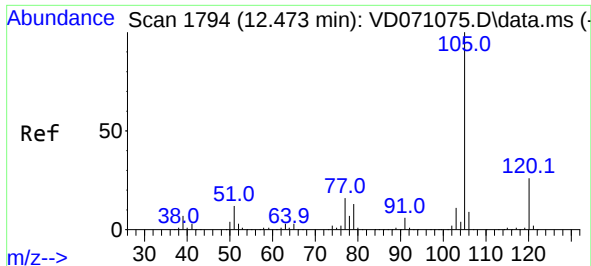


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



Tgt Ion:152 Resp: 174266
Ion Ratio Lower Upper
152 100
115 60.5 29.8 89.3
150 162.5 0.0 349.2





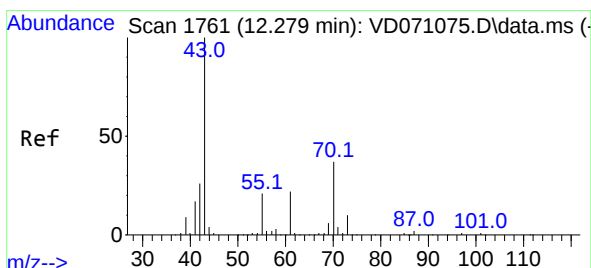
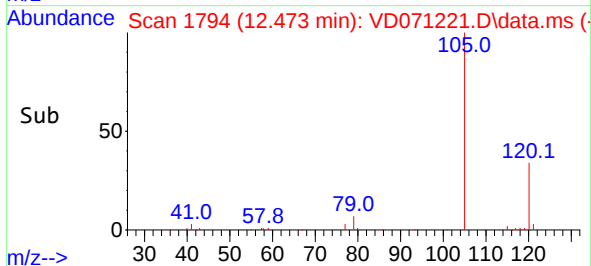
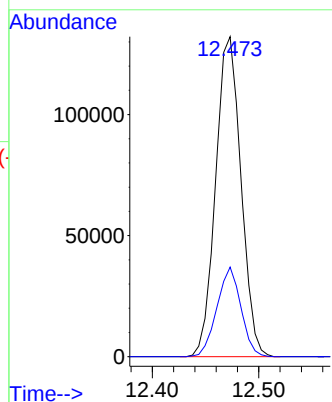
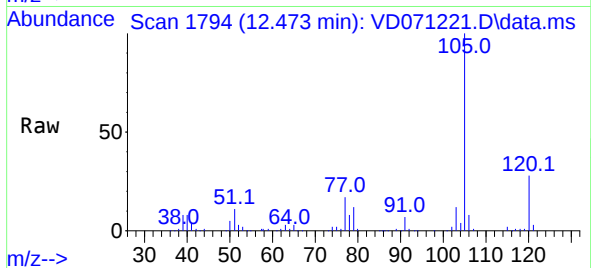
#73
Isopropylbenzene
Concen: 17.28 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01

Tgt Ion:105 Resp: 217994
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

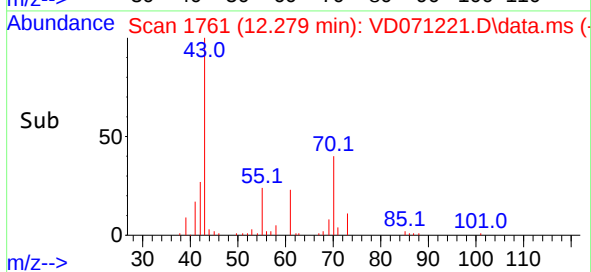
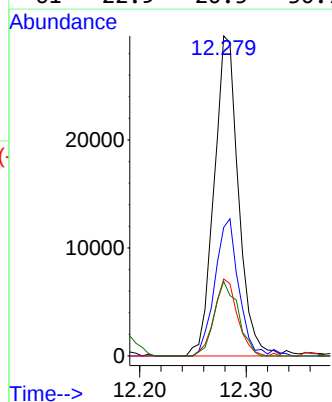
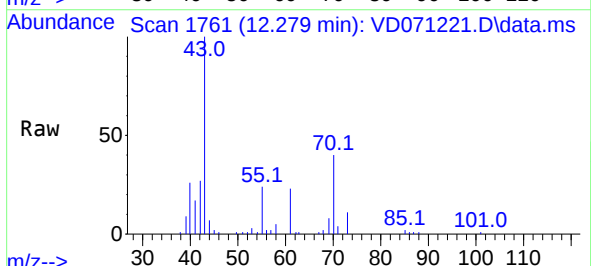
Manual Integrations
APPROVED

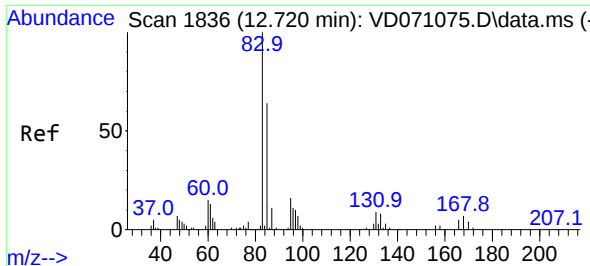
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#74
N-ethyl acetate
Concen: 17.75 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Tgt Ion: 43 Resp: 46982
Ion Ratio Lower Upper
43 100
70 41.6 36.6 55.0
55 23.2 22.5 33.7
61 22.9 20.5 30.7





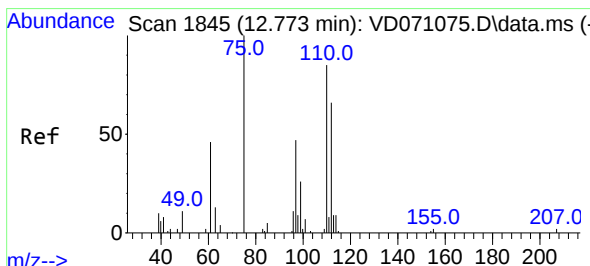
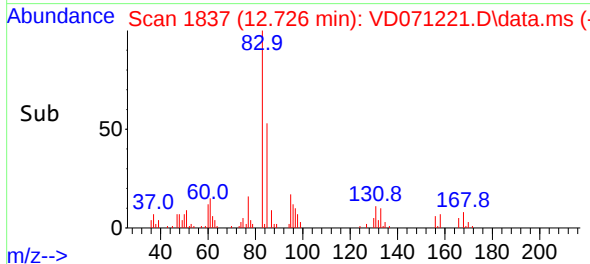
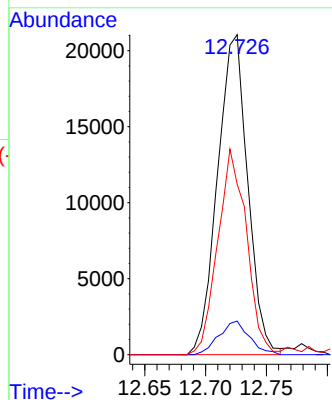
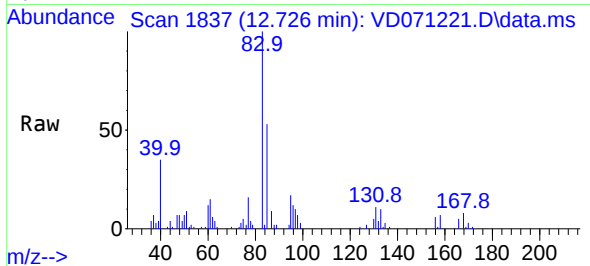
#75
1,1,2,2-Tetrachloroethane
Concen: 17.53 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01

Tgt Ion: 83 Resp: 36429
Ion Ratio Lower Upper
83 100
131 10.6 4.9 14.7
85 61.2 32.0 96.2

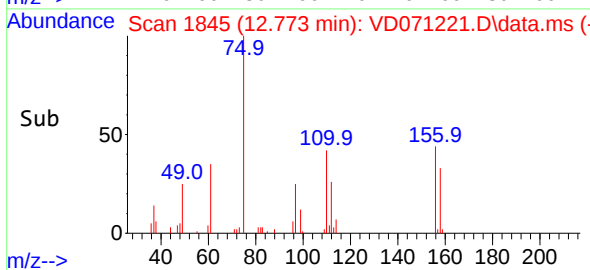
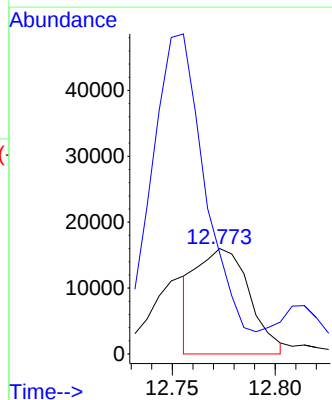
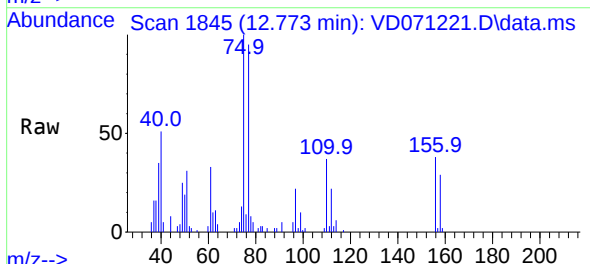
Manual Integrations
APPROVED

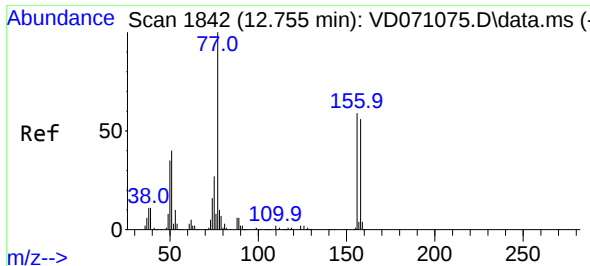
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#76
1,2,3-Trichloropropane
Concen: 17.29 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

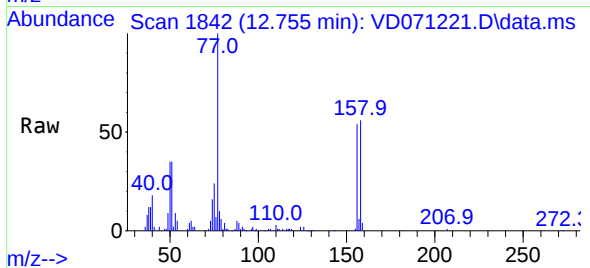
Tgt Ion: 75 Resp: 28708
Ion Ratio Lower Upper
75 100
77 319.7 158.4 475.3





#77
Bromobenzene
Concen: 16.84 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

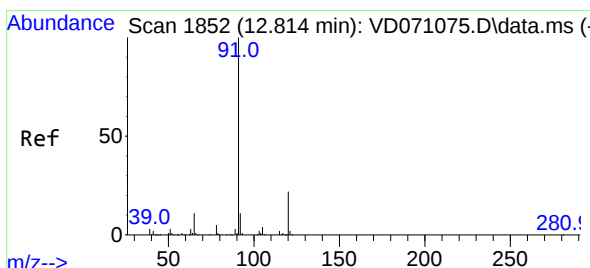
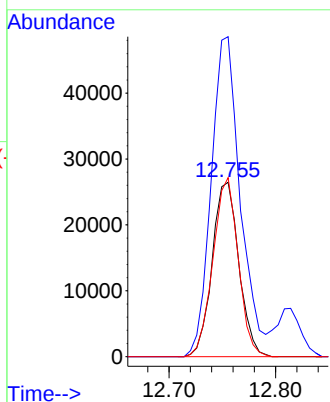
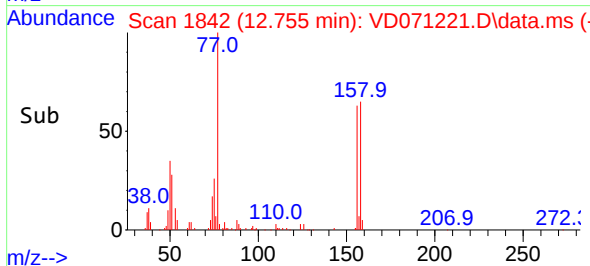
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



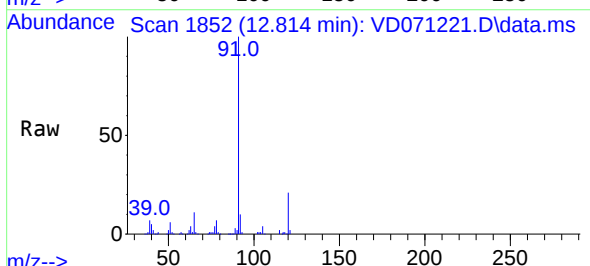
Tgt Ion:156 Resp: 46018
Ion Ratio Lower Upper
156 100
77 199.4 96.6 289.8
158 97.1 49.1 147.4

Manual Integrations
APPROVED

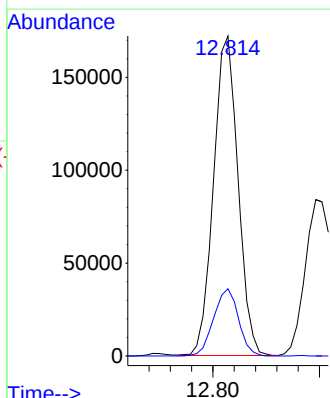
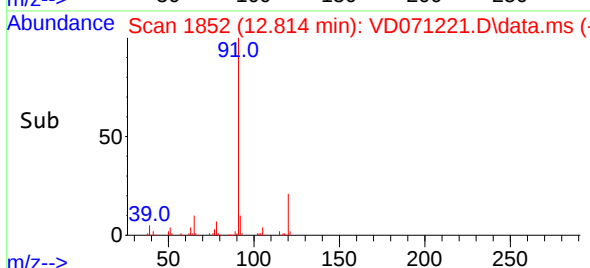
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

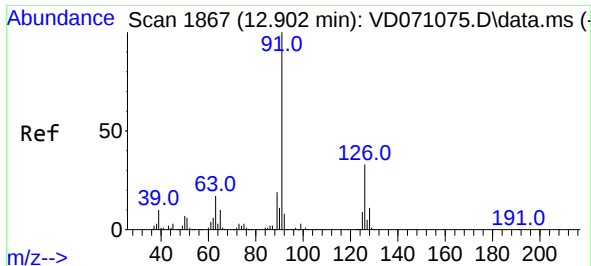


#78
n-propylbenzene
Concen: 17.43 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



Tgt Ion: 91 Resp: 273881
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.9





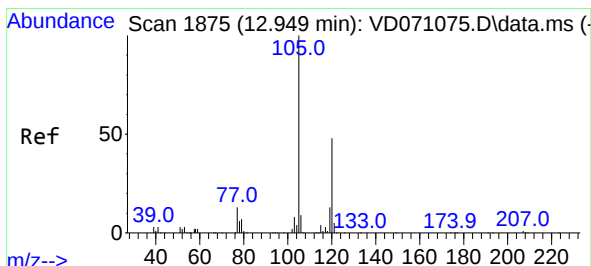
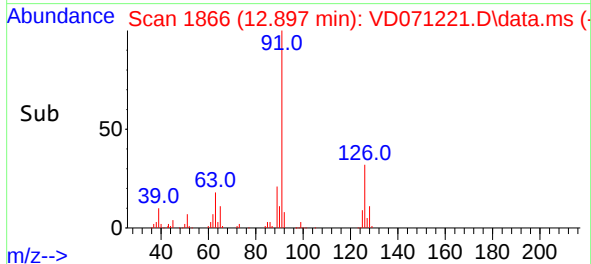
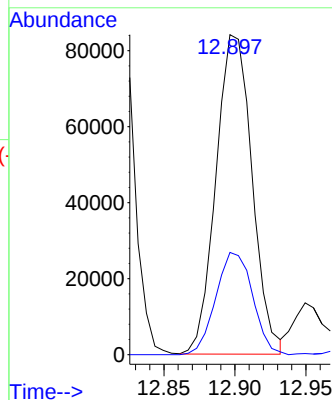
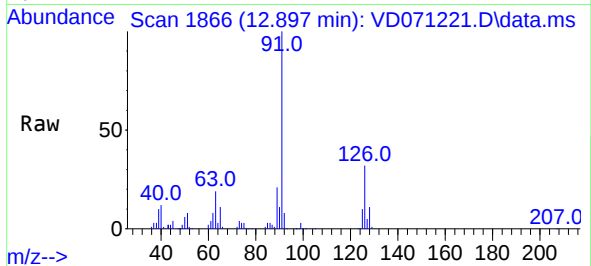
#79
2-Chlorotoluene
Concen: 16.88 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. -0.005 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01

Tgt Ion: 91 Resp: 148869
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.7

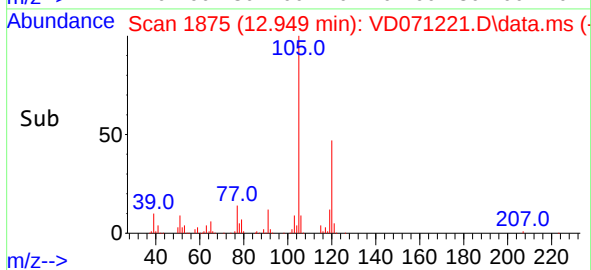
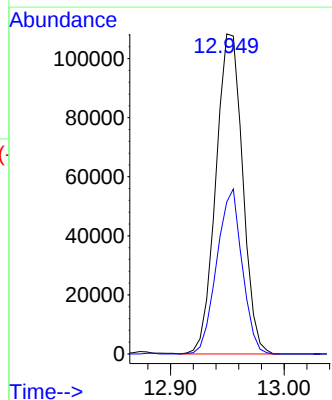
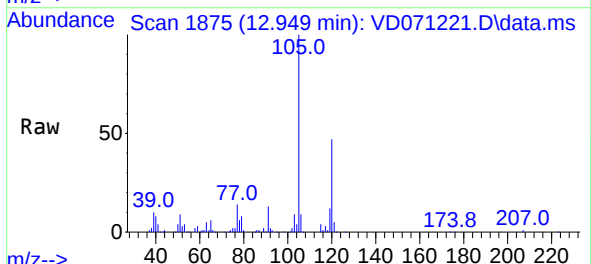
Manual Integrations
APPROVED

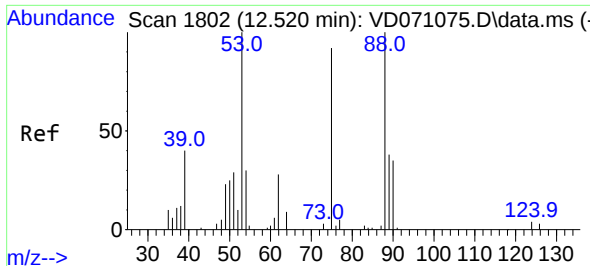
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#80
1,3,5-Trimethylbenzene
Concen: 17.05 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

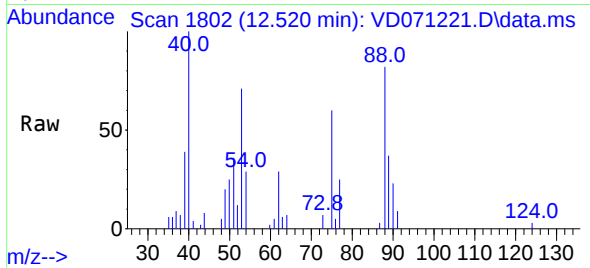
Tgt Ion:105 Resp: 177390
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 16.31 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

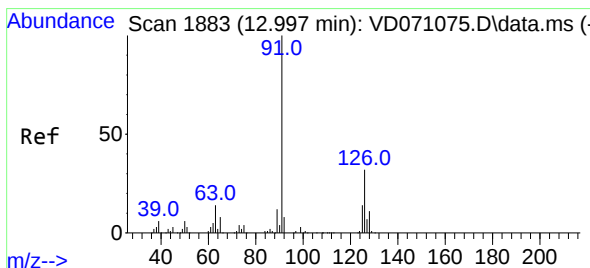
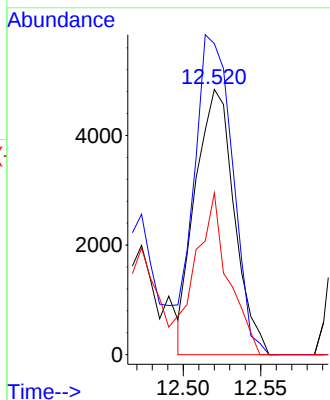
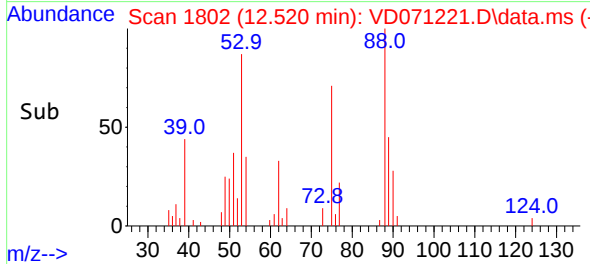
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



Tgt Ion: 75 Resp: 845
Ion Ratio Lower Upper
75 100
53 120.5 62.6 94.0
89 52.3 34.5 51.7

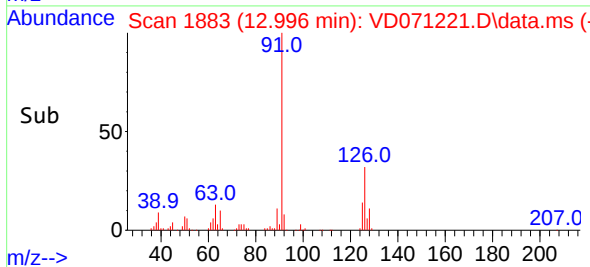
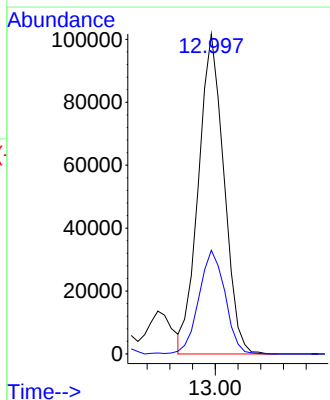
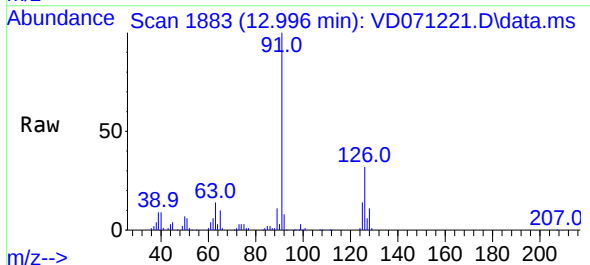
Manual Integrations
APPROVED

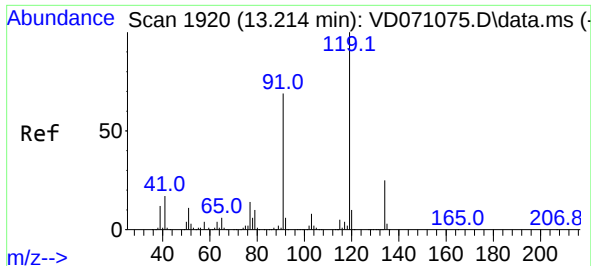
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#82
4-Chlorotoluene
Concen: 17.31 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

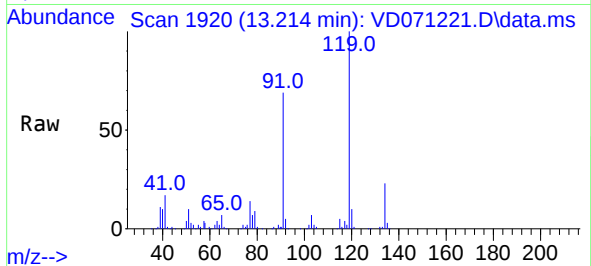
Tgt Ion: 91 Resp: 158467
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.1





#83
tert-Butylbenzene
Concen: 17.01 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

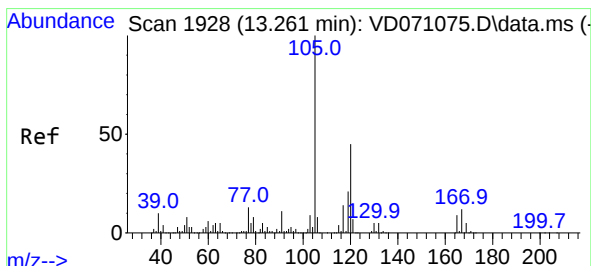
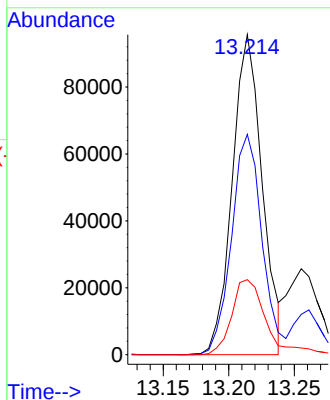
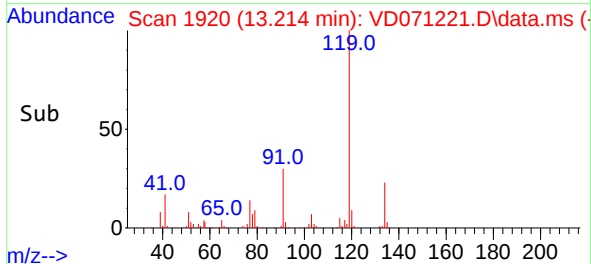
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



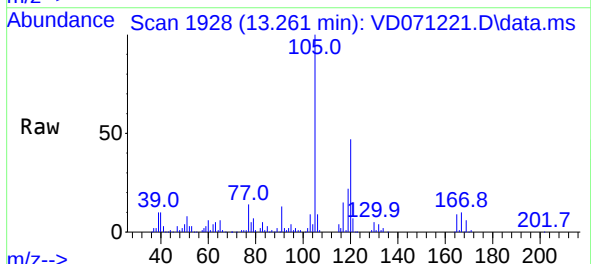
Tgt Ion:119 Resp: 152014
Ion Ratio Lower Upper
119 100
91 70.4 32.5 97.5
134 26.8 13.2 39.6

Manual Integrations
APPROVED

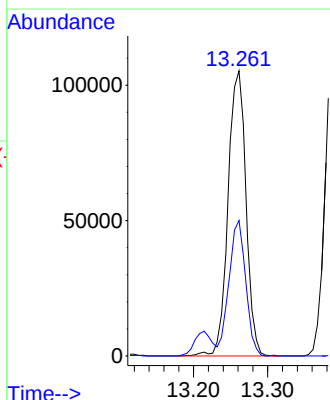
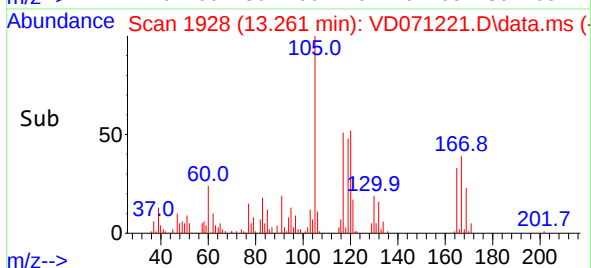
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

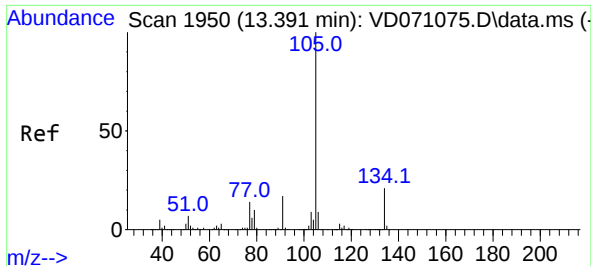


#84
1,2,4-Trimethylbenzene
Concen: 17.39 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



Tgt Ion:105 Resp: 176694
Ion Ratio Lower Upper
105 100
120 44.3 22.9 68.7





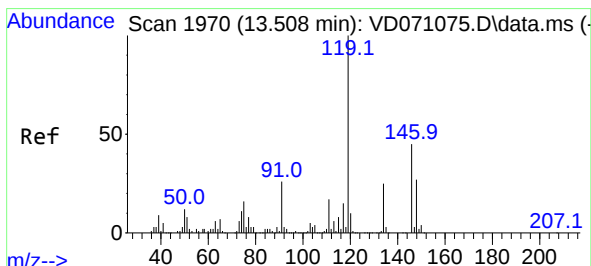
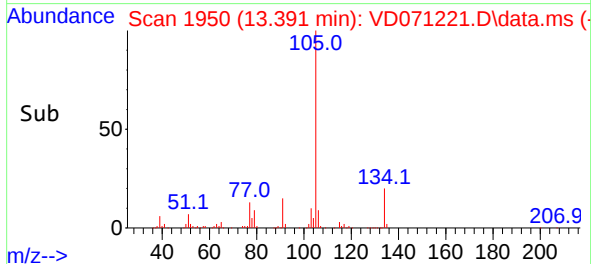
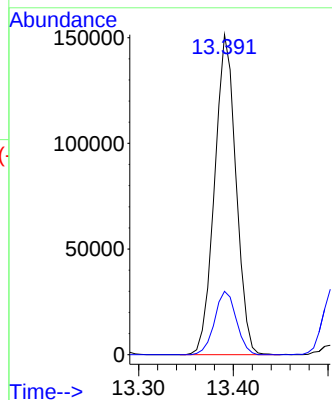
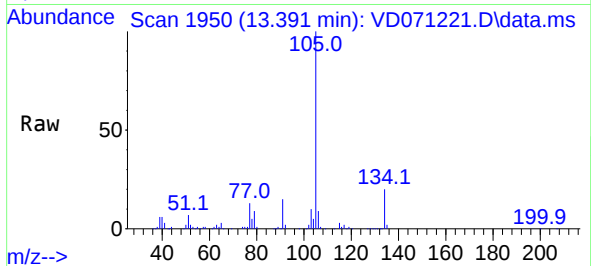
#85
 sec-Butylbenzene
 Concen: 17.41 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071221.D
 Acq: 09 Dec 2021 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1209SBS01

Tgt Ion:105 Resp: 237550
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 28.9

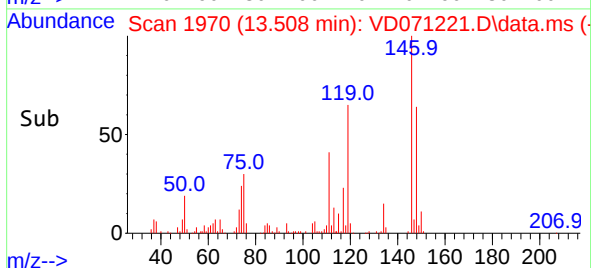
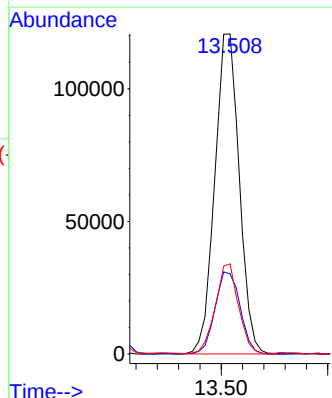
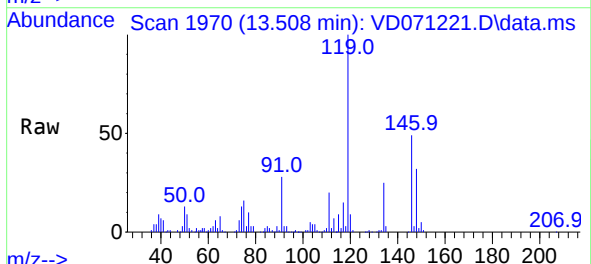
Manual Integrations
 APPROVED

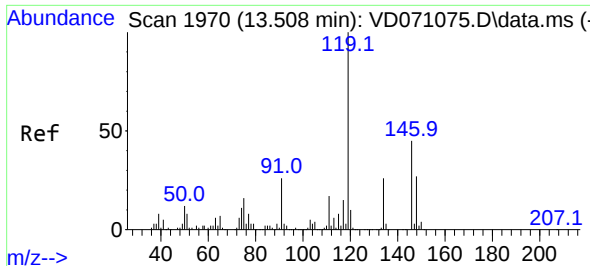
Reviewed By :Semsettin Yesilyurt 12/10/2021
 Supervised By :Amit Patel 12/14/2021



#86
 p-Isopropyltoluene
 Concen: 17.22 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071221.D
 Acq: 09 Dec 2021 11:36

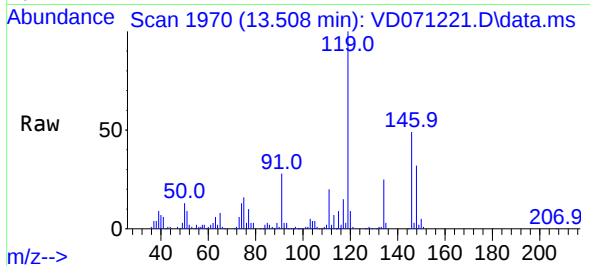
Tgt Ion:119 Resp: 192277
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 26.6 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 17.68 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

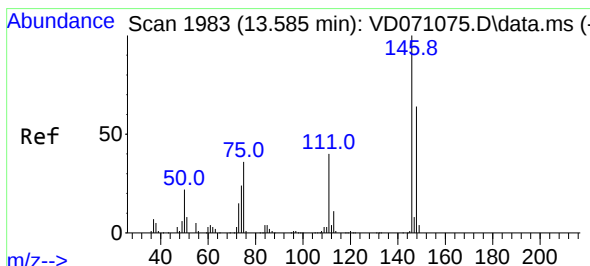
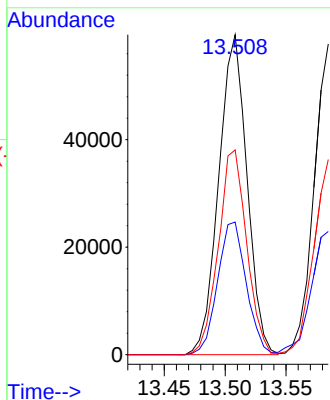
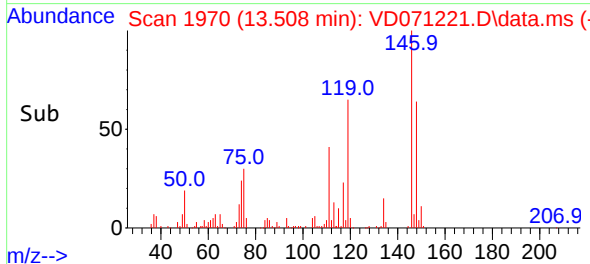
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



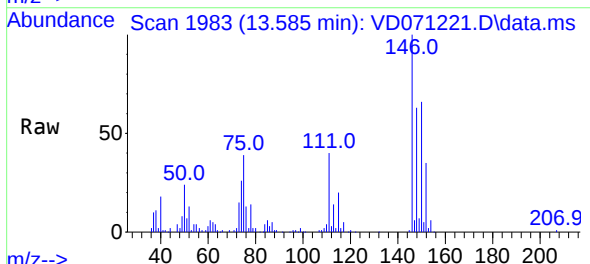
Tgt Ion:146 Resp: 96190
Ion Ratio Lower Upper
146 100
111 42.0 19.8 59.4
148 64.2 32.1 96.3

Manual Integrations
APPROVED

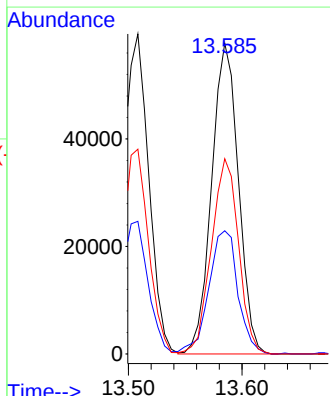
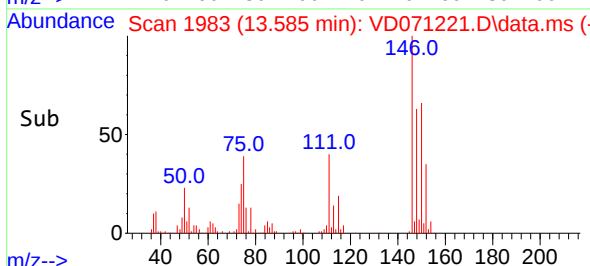
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

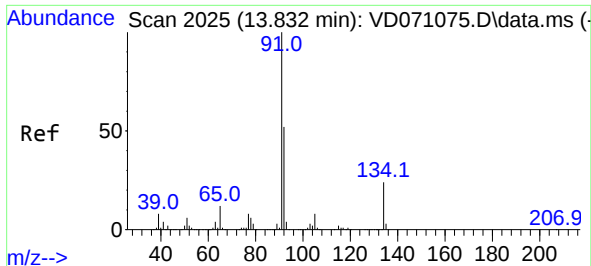


#88
1,4-Dichlorobenzene
Concen: 17.57 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



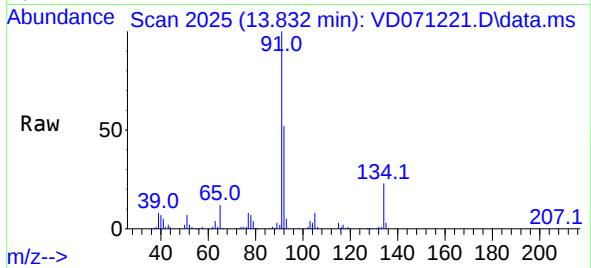
Tgt Ion:146 Resp: 94708
Ion Ratio Lower Upper
146 100
111 43.2 19.6 58.8
148 63.8 31.5 94.5





#89
n-Butylbenzene
Concen: 17.39 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

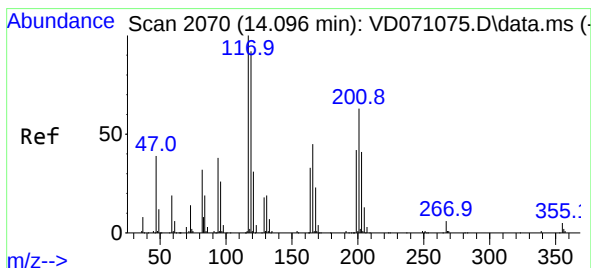
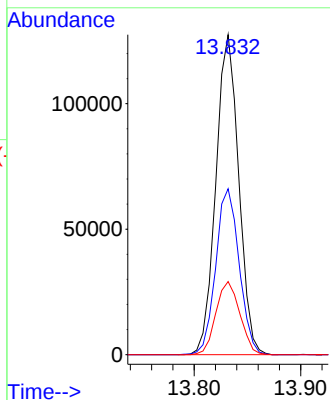
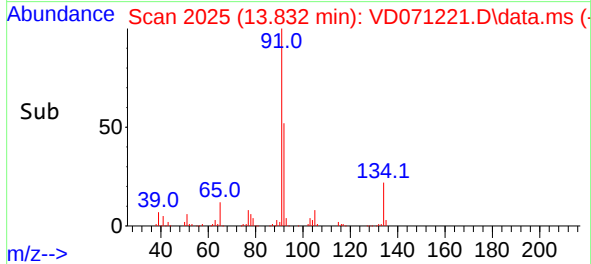
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



Tgt Ion: 91 Resp: 189519
Ion Ratio Lower Upper
91 100
92 53.2 27.3 81.9
134 24.0 12.3 36.9

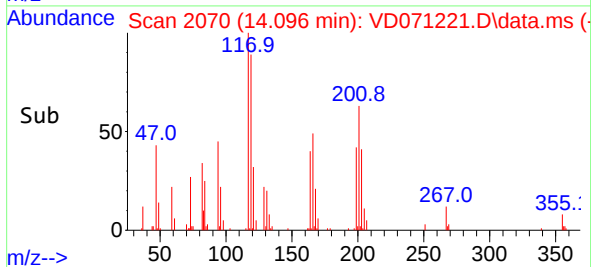
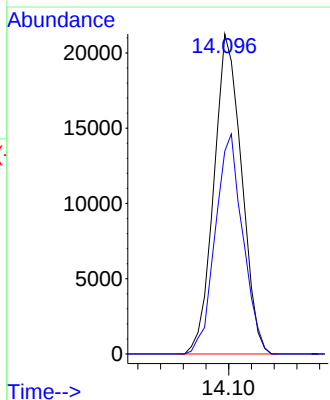
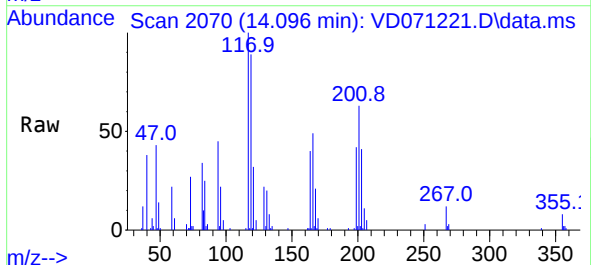
Manual Integrations
APPROVED

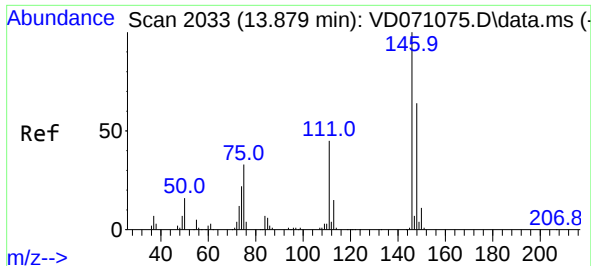
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#90
Hexachloroethane
Concen: 16.98 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Tgt Ion:117 Resp: 35926
Ion Ratio Lower Upper
117 100
201 68.5 36.0 108.1





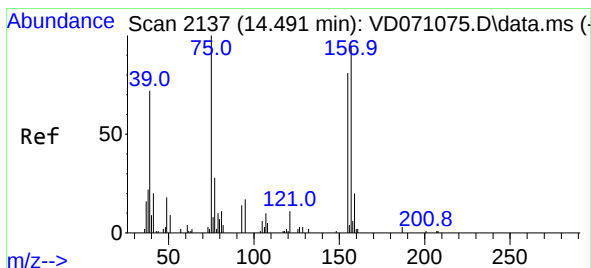
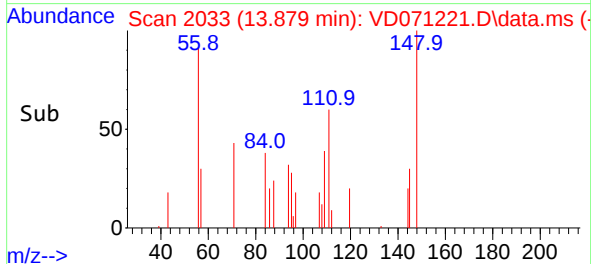
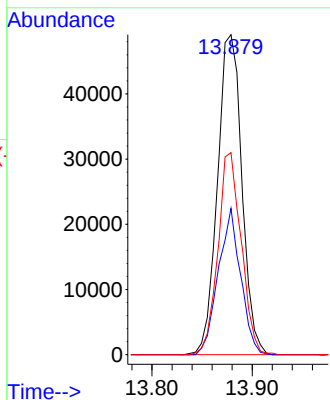
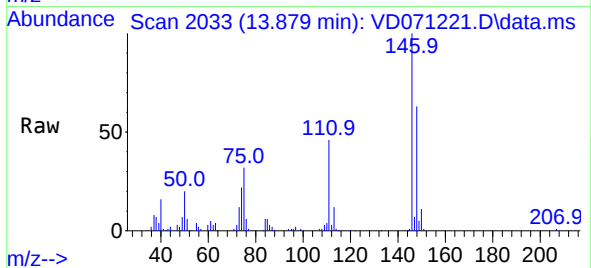
#91
1,2-Dichlorobenzene
Concen: 17.90 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01

Tgt Ion:146 Resp: 8284
Ion Ratio Lower Upper
146 100
111 41.9 20.8 62.2
148 60.3 31.7 95.1

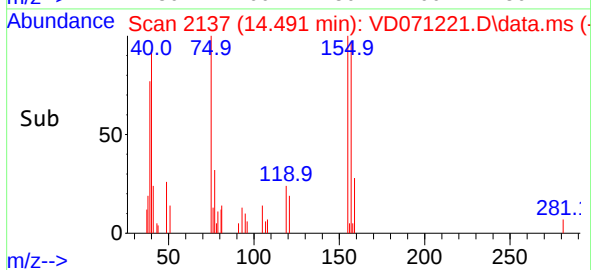
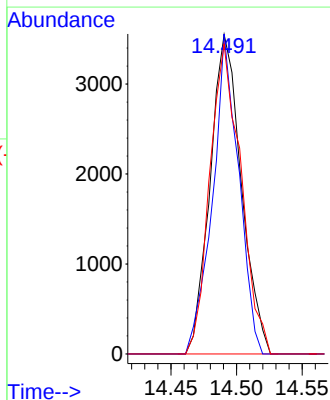
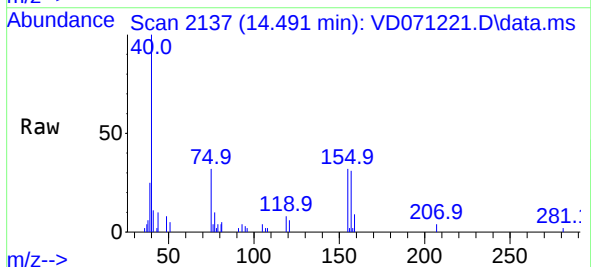
Manual Integrations
APPROVED

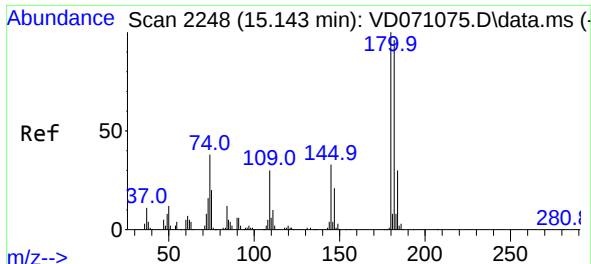
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.33 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

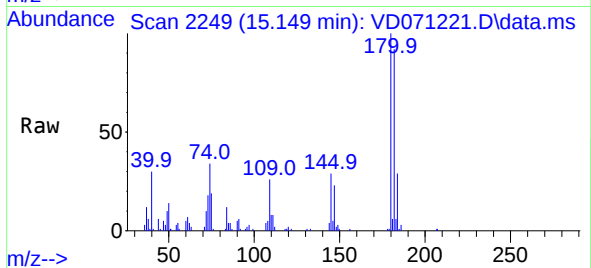
Tgt Ion: 75 Resp: 5863
Ion Ratio Lower Upper
75 100
155 83.7 40.0 120.0
157 96.7 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 15.87 ug/l
RT: 15.149 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

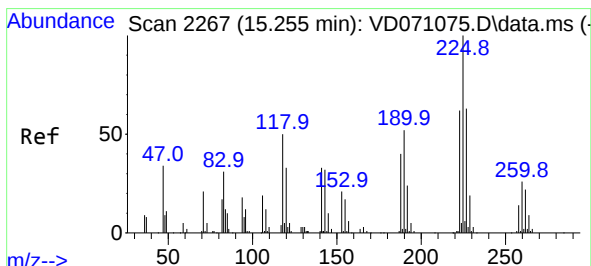
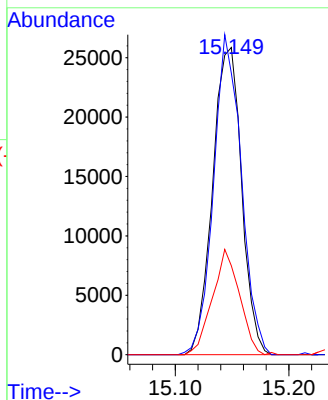
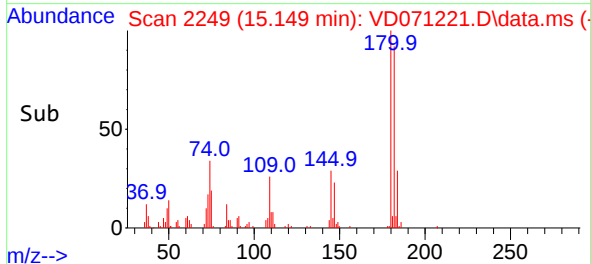
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01



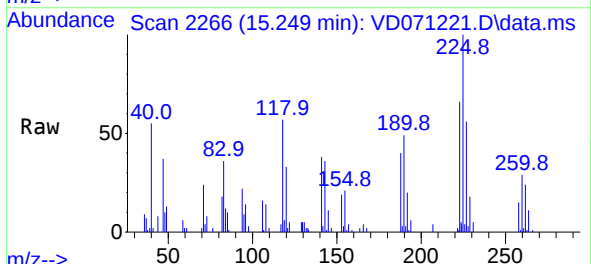
Tgt Ion:180 Resp: 45802
Ion Ratio Lower Upper
180 100
182 99.9 48.2 144.6
145 32.2 15.4 46.2

Manual Integrations
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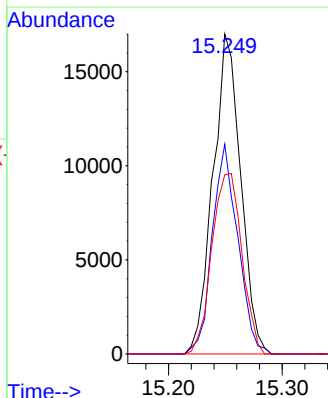
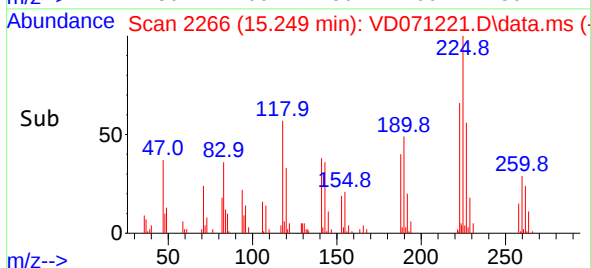
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021

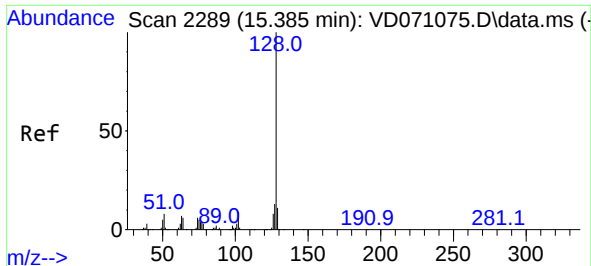


#94
Hexachlorobutadiene
Concen: 17.65 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36



Tgt Ion:225 Resp: 28815
Ion Ratio Lower Upper
225 100
223 60.4 31.8 95.3
227 61.1 31.6 94.8





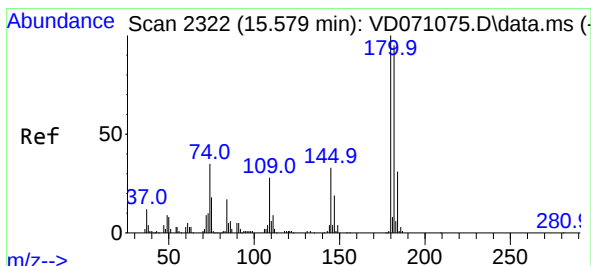
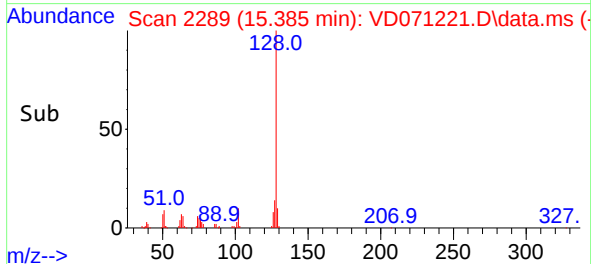
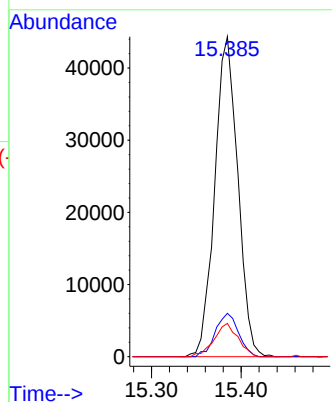
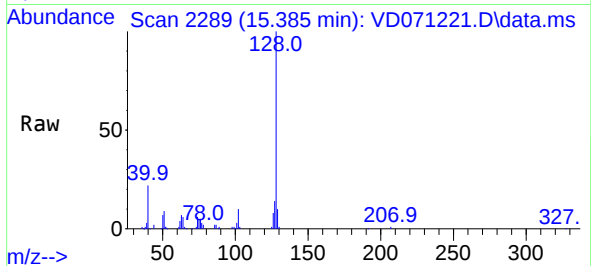
#95
Naphthalene
Concen: 15.55 ug/l
RT: 15.385 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBS01

Tgt Ion:128 Resp: 7912
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



#96
1,2,3-Trichlorobenzene
Concen: 15.81 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071221.D
Acq: 09 Dec 2021 11:36

Tgt Ion:180 Resp: 38745
Ion Ratio Lower Upper
180 100
182 98.6 46.7 140.1
145 36.7 15.9 47.6

