

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071289.D
 Acq On : 13 Dec 2021 11:26
 Operator : VA/SY
 Sample : VD1213SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBS01

Quant Time: Dec 14 08:12:34 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021
 Supervised By :Mahesh Dadoda 12/15/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	224483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	391255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	356968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	170917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	144440	54.836	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.680%			
35) Dibromofluoromethane	7.914	113	135415	54.351	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.700%			
50) Toluene-d8	10.332	98	459124	48.424	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.840%			
62) 4-Bromofluorobenzene	12.626	95	170055	51.742	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	37935	19.816	ug/l	95
3) Chloromethane	2.215	50	54413	21.485	ug/l	100
4) Vinyl Chloride	2.356	62	61708	21.840	ug/l	98
5) Bromomethane	2.768	94	46244	22.704	ug/l	99
6) Chloroethane	2.926	64	43289	22.275	ug/l	95
7) Trichlorofluoromethane	3.273	101	75012	19.598	ug/l	99
8) Diethyl Ether	3.709	74	19329	18.627	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.103	101	43307	19.178	ug/l	94
10) Methyl Iodide	4.309	142	30502	15.120	ug/l	94
11) Tert butyl alcohol	5.191	59	34175	185.172	ug/l #	79
12) 1,1-Dichloroethene	4.073	96	38759	18.599	ug/l	84
13) Acrolein	3.926	56	15376	85.421	ug/l	97
14) Allyl chloride	4.720	41	73002	18.443	ug/l #	78
15) Acrylonitrile	5.426	53	53535	106.084	ug/l	99
16) Acetone	4.156	43	55120	99.895	ug/l #	85
17) Carbon Disulfide	4.415	76	109945	18.019	ug/l	99
18) Methyl Acetate	4.720	43	40098	20.632	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	96470	18.889	ug/l	95
20) Methylene Chloride	4.967	84	59117	19.711	ug/l	93
21) trans-1,2-Dichloroethene	5.485	96	44588	19.007	ug/l	95
22) Diisopropyl ether	6.362	45	153985	19.416	ug/l	95
23) Vinyl Acetate	6.309	43	344973	98.898	ug/l	99
24) 1,1-Dichloroethane	6.261	63	88629	19.430	ug/l	99
25) 2-Butanone	7.209	43	69175	104.277	ug/l #	85
26) 2,2-Dichloropropane	7.209	77	72274	17.424	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	51339	19.345	ug/l	92
28) Bromochloromethane	7.550	49	44185	22.301	ug/l	90
29) Tetrahydrofuran	7.561	42	42831	102.403	ug/l	91
30) Chloroform	7.708	83	92573	20.221	ug/l	96
31) Cyclohexane	7.985	56	79064	17.646	ug/l #	90
32) 1,1,1-Trichloroethane	7.908	97	78364	19.066	ug/l #	93
36) 1,1-Dichloropropene	8.114	75	67903	18.569	ug/l	97
37) Ethyl Acetate	7.297	43	30181	19.107	ug/l #	91
38) Carbon Tetrachloride	8.091	117	68443	18.987	ug/l	99
39) Methylcyclohexane	9.355	83	74064	16.839	ug/l	96
40) Benzene	8.350	78	184749	18.600	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	15946	22.321	ug/l #	71
42) 1,2-Dichloroethane	8.426	62	59854	19.741	ug/l	94
43) Isopropyl Acetate	8.450	43	57428	20.020	ug/l	90
44) Trichloroethene	9.108	130	48616	18.357	ug/l	100
45) 1,2-Dichloropropane	9.385	63	50668	19.397	ug/l	99
46) Dibromomethane	9.473	93	26056	19.226	ug/l	93
47) Bromodichloromethane	9.661	83	70541	19.682	ug/l	95
48) Methyl methacrylate	9.450	41	29263	18.926	ug/l #	81
49) 1,4-Dioxane	9.461	88	5289	404.290	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	150369	104.721	ug/l	89
52) Toluene	10.397	92	116930	18.554	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	59093	17.933	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	70420	17.991	ug/l #	80
55) 1,1,2-Trichloroethane	10.797	97	34249	19.264	ug/l	95
56) Ethyl methacrylate	10.655	69	42201	20.490	ug/l #	76
57) 1,3-Dichloropropane	10.938	76	61305	19.629	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	129136	106.741	ug/l	98
59) 2-Hexanone	10.979	43	100813	99.300	ug/l	86
60) Dibromochloromethane	11.138	129	42730	19.338	ug/l	98
61) 1,2-Dibromoethane	11.238	107	31861	18.660	ug/l	98
64) Tetrachloroethene	10.873	164	40187	17.733	ug/l	95
65) Chlorobenzene	11.661	112	121025	18.273	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	46461	19.212	ug/l	97
67) Ethyl Benzene	11.738	91	222301	17.829	ug/l	99
68) m/p-Xylenes	11.844	106	168340	35.762	ug/l	95
69) o-Xylene	12.173	106	77714	17.565	ug/l	96
70) Styrene	12.185	104	136426	18.296	ug/l	98
71) Bromoform	12.355	173	24768	19.769	ug/l #	98
73) Isopropylbenzene	12.473	105	209677	16.942	ug/l	100
74) N-amyl acetate	12.279	43	50671	18.951	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	38896	19.085	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	32239m	19.798	ug/l	
77) Bromobenzene	12.755	156	47475	17.711	ug/l	99
78) n-propylbenzene	12.814	91	270182	17.531	ug/l	100
79) 2-Chlorotoluene	12.896	91	147439	17.045	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	178399	17.481	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	9751	18.161	ug/l #	72
82) 4-Chlorotoluene	12.996	91	157828	17.575	ug/l	100
83) tert-Butylbenzene	13.214	119	147906	16.876	ug/l	93
84) 1,2,4-Trimethylbenzene	13.261	105	173727	17.436	ug/l	98
85) sec-Butylbenzene	13.391	105	231630	17.304	ug/l	98
86) p-Isopropyltoluene	13.502	119	186850	17.066	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	98945	18.543	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	97029	18.353	ug/l	98
89) n-Butylbenzene	13.832	91	184439	17.257	ug/l	99
90) Hexachloroethane	14.102	117	37957	18.288	ug/l	91
91) 1,2-Dichlorobenzene	13.879	146	84589	18.641	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	6391	19.256	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	48695	17.203	ug/l	97
94) Hexachlorobutadiene	15.255	225	28383	17.722	ug/l	96
95) Naphthalene	15.385	128	84984	17.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	41024	17.064	ug/l	95

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ClientSampleId :
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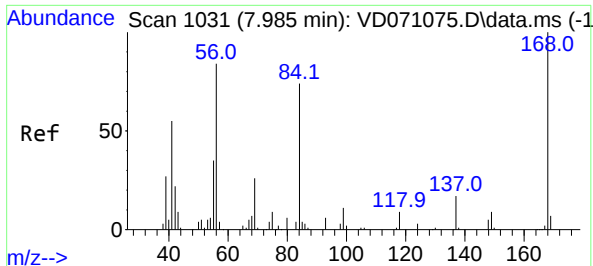
Manual Integrations
APPROVED

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 Supervised By :Mahesh Dadoda 12/15/2021

Quant Time: Dec 14 08:12:34 2021
 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



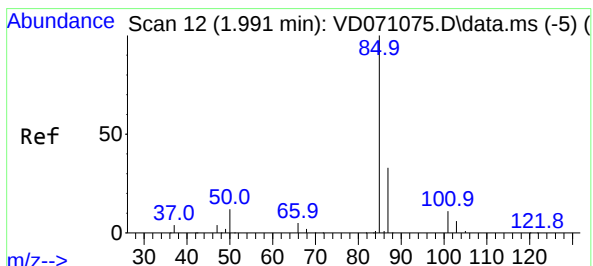
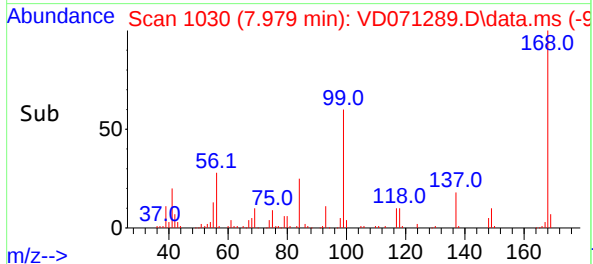
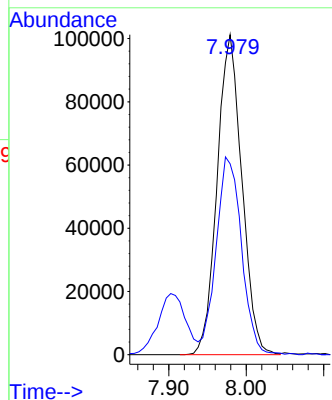
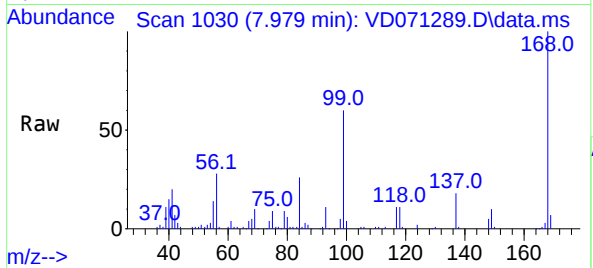
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071289.D
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Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion:168 Resp: 22448
Ion Ratio Lower Upper
168 100
99 59.2 46.6 69.8

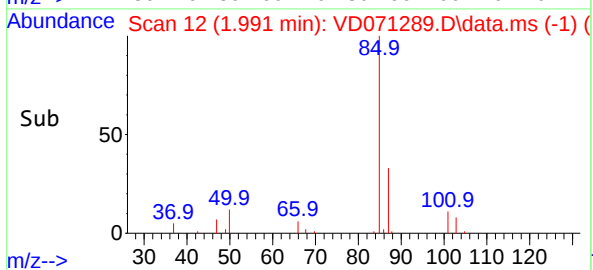
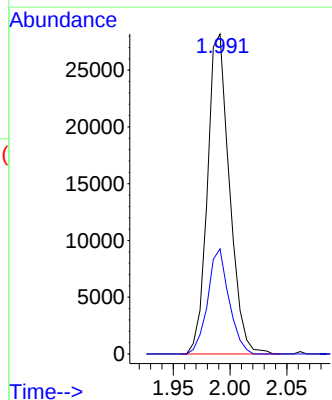
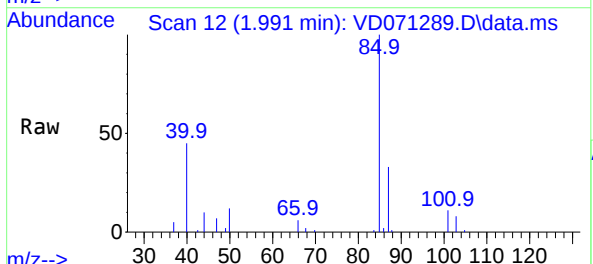
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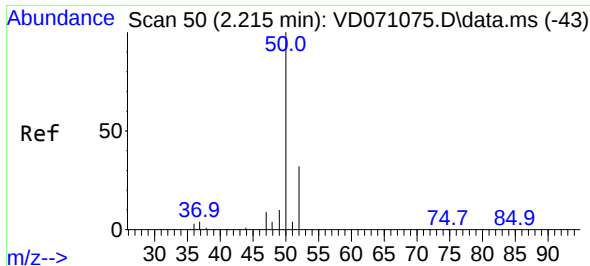
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#2
Dichlorodifluoromethane
Concen: 19.816 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion: 85 Resp: 37935
Ion Ratio Lower Upper
85 100
87 32.9 15.2 45.6





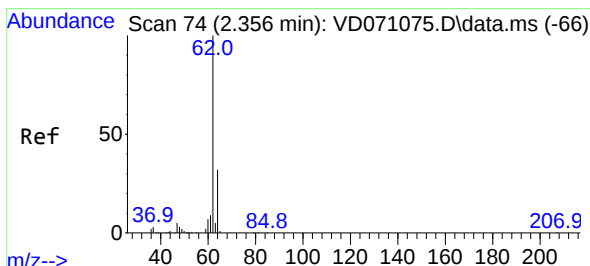
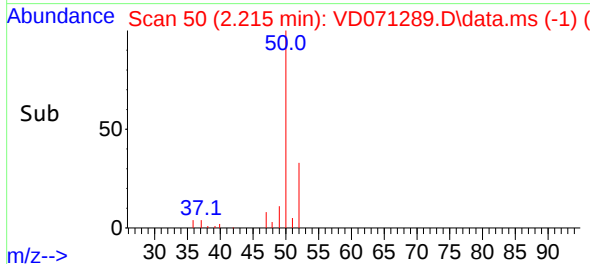
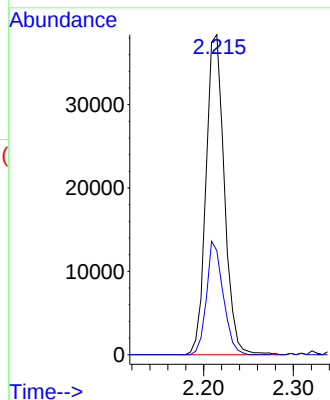
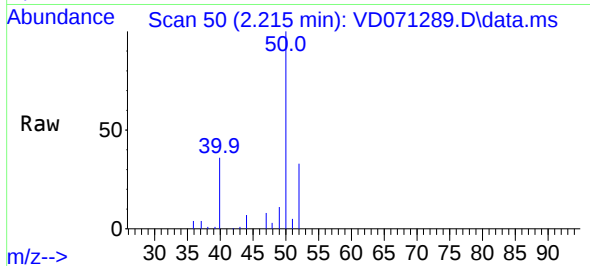
#3
Chloromethane
Concen: 21.485 ug/l
RT: 2.215 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 50 Resp: 5441
Ion Ratio Lower Upper
50 100
52 32.5 25.8 38.8

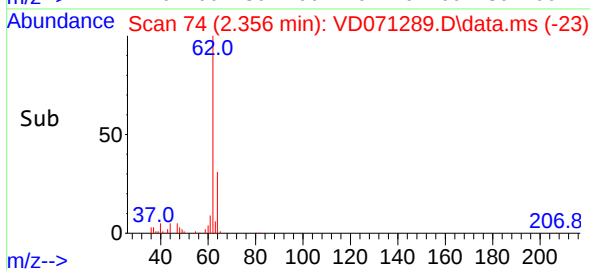
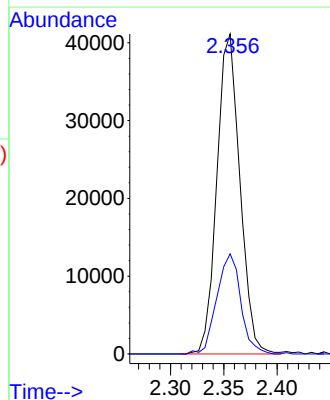
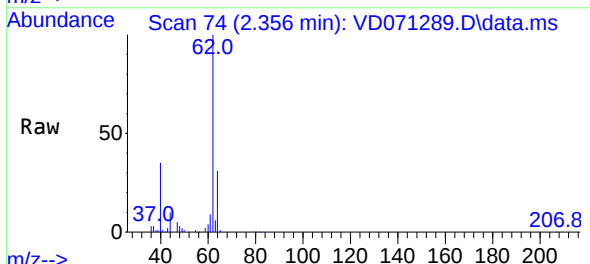
Manual Integrations
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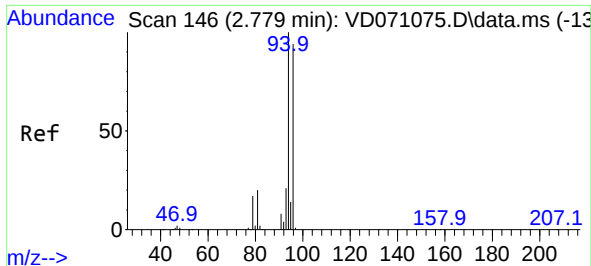
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#4
Vinyl Chloride
Concen: 21.840 ug/l
RT: 2.356 min Scan# 74
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

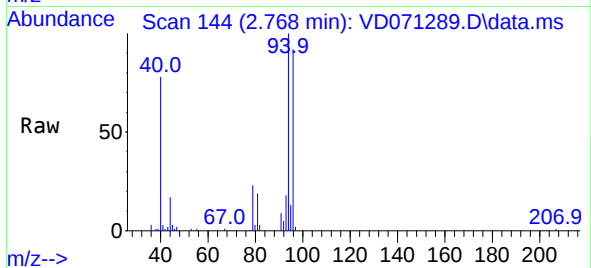
Tgt Ion: 62 Resp: 61708
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





#5
Bromomethane
Concen: 22.704 ug/l
RT: 2.768 min Scan# 146
Delta R.T. -0.011 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

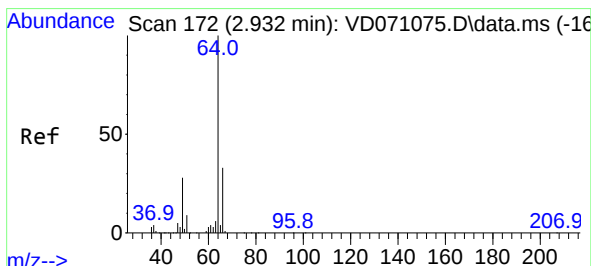
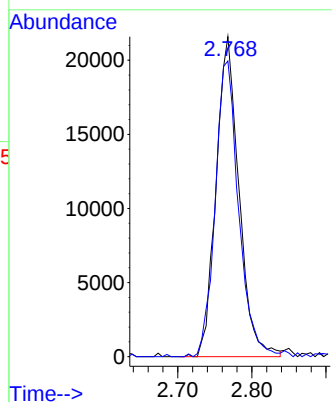
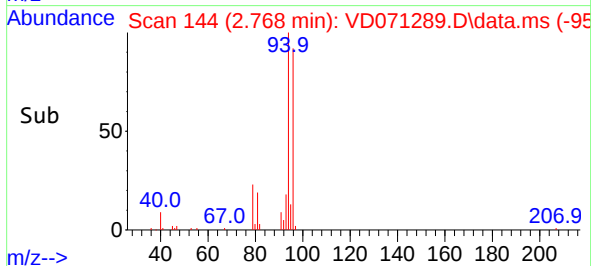
Instrument :
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Tgt Ion: 94 Resp: 46244
Ion Ratio Lower Upper
94 100
96 92.4 74.8 112.2

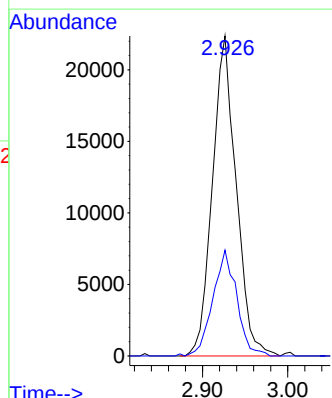
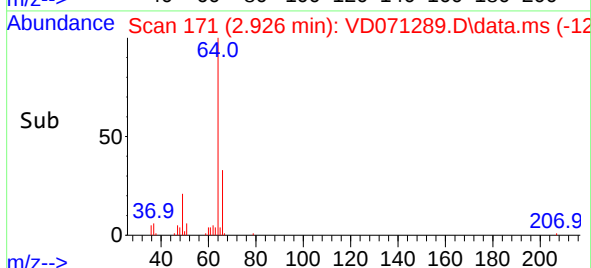
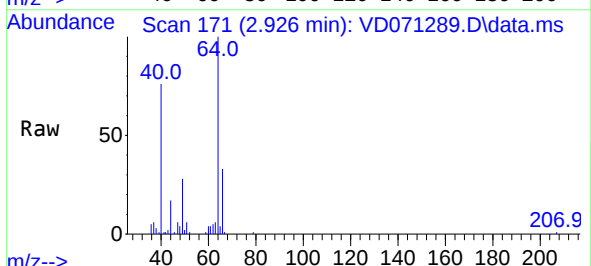
Manual Integrations
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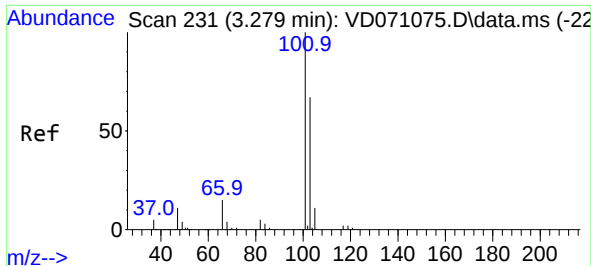
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#6
Chloroethane
Concen: 22.275 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion: 64 Resp: 43289
Ion Ratio Lower Upper
64 100
66 33.0 29.0 43.4





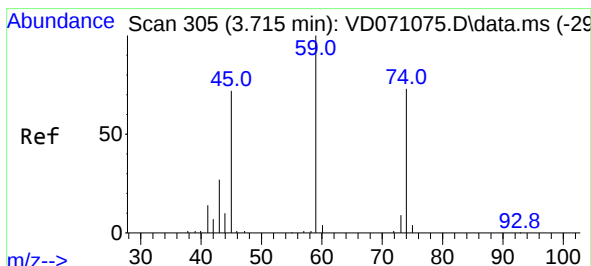
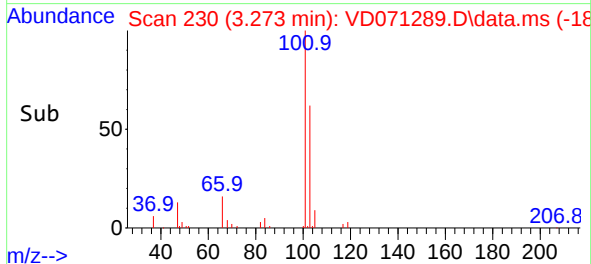
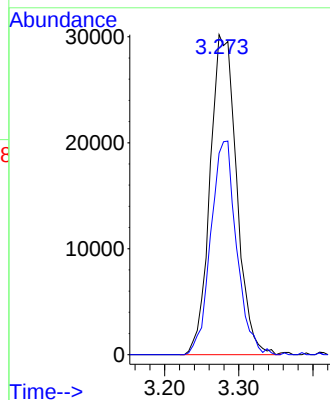
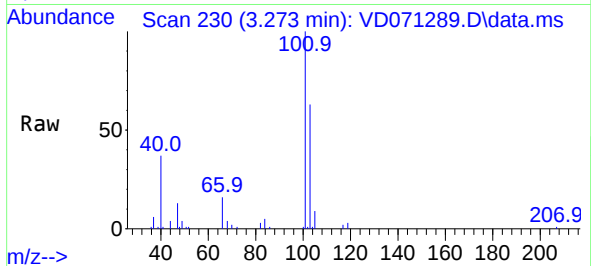
#7
Trichlorofluoromethane
Concen: 19.598 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion:101 Resp: 7501
Ion Ratio Lower Upper
101 100
103 62.9 49.7 74.5

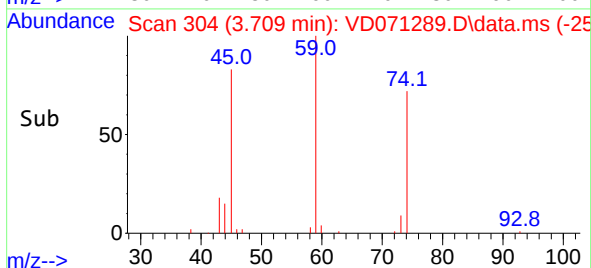
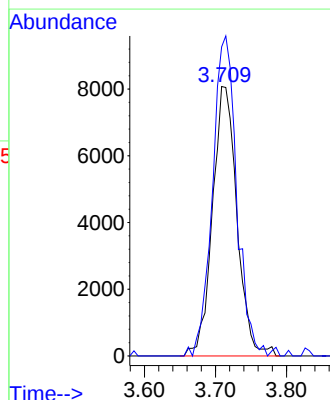
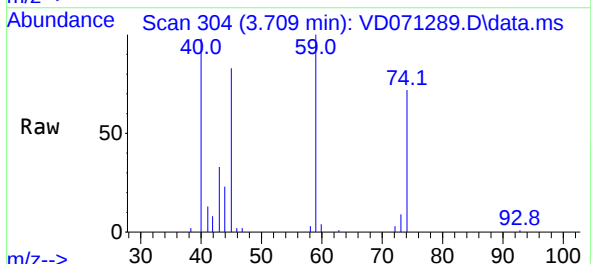
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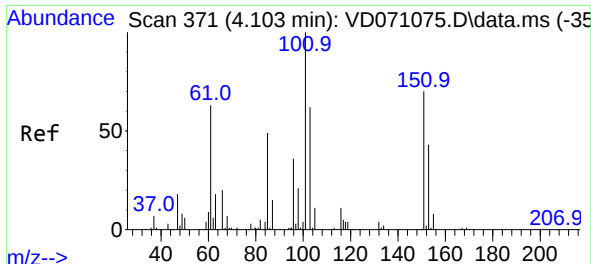
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#8
Diethyl Ether
Concen: 18.627 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion: 74 Resp: 19329
Ion Ratio Lower Upper
74 100
45 117.2 49.6 149.0





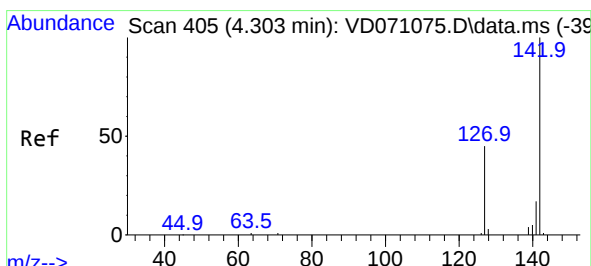
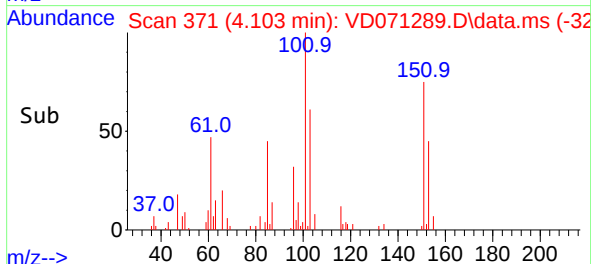
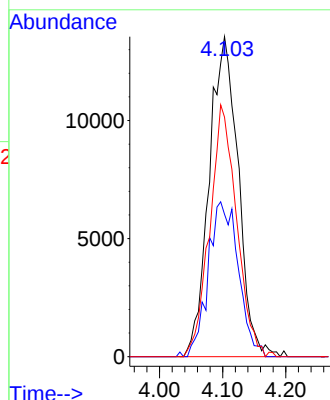
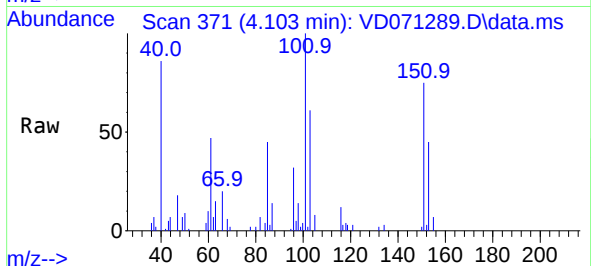
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.178 ug/l
RT: 4.103 min Scan# 371
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion:101 Resp: 4330
Ion Ratio Lower Upper
101 100
85 50.1 34.8 52.2
151 73.1 60.4 90.6

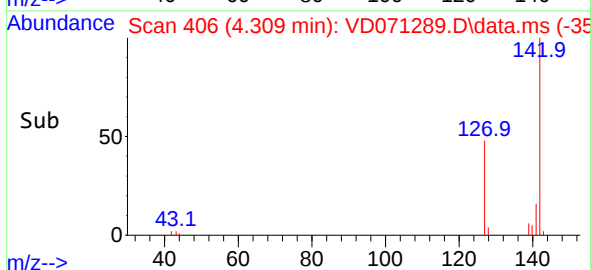
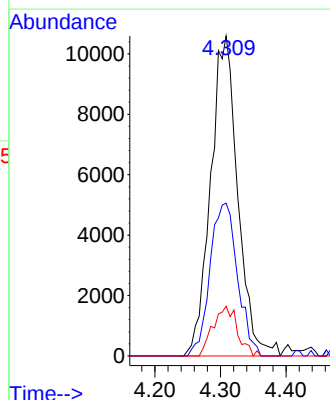
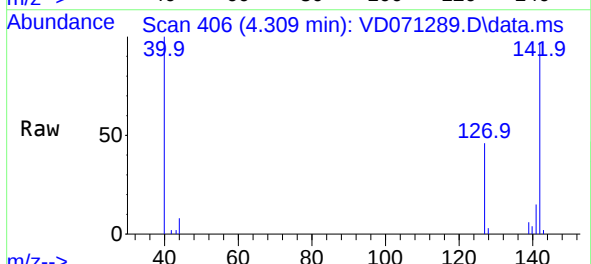
Manual Integrations
APPROVED

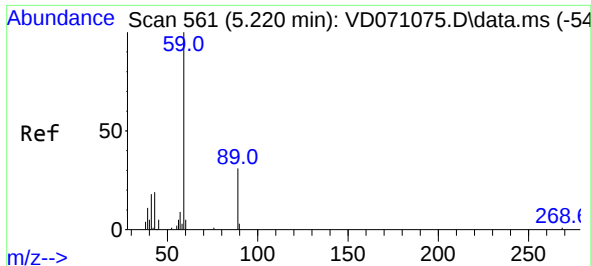
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 15.120 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion:142 Resp: 30502
Ion Ratio Lower Upper
142 100
127 48.2 35.0 52.4
141 13.9 12.0 18.0





#11

Tert butyl alcohol

Concen: 185.172 ug/l

RT: 5.191 min Scan# 51

Delta R.T. -0.029 min

Lab File: VD071289.D

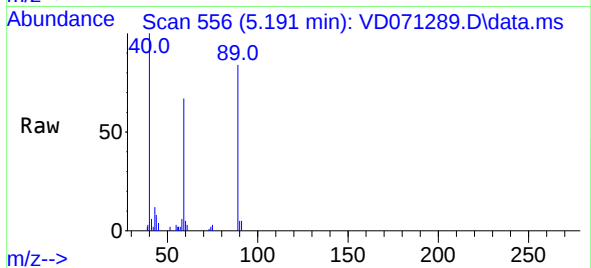
Acq: 13 Dec 2021 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01



Tgt Ion: 59 Resp: 3417

Ion Ratio Lower Upper

59 100

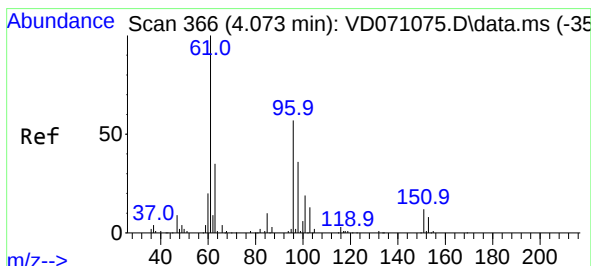
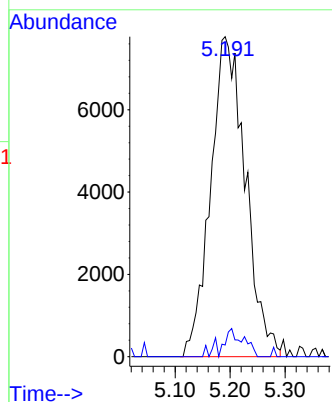
57 3.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021

Supervised By :Mahesh Dadoda 12/15/2021



#12

1,1-Dichloroethene

Concen: 18.599 ug/l

RT: 4.073 min Scan# 366

Delta R.T. 0.000 min

Lab File: VD071289.D

Acq: 13 Dec 2021 11:26

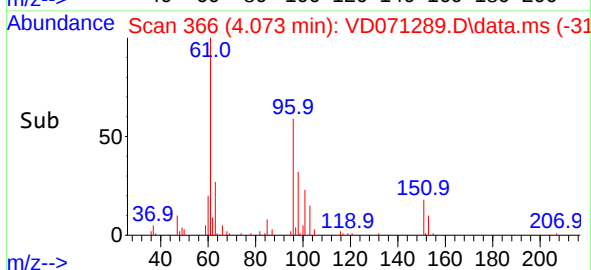
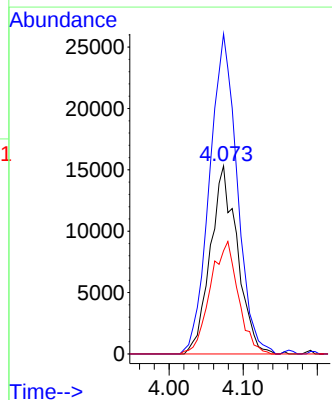
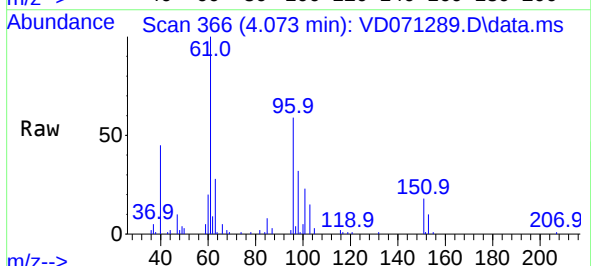
Tgt Ion: 96 Resp: 38759

Ion Ratio Lower Upper

96 100

61 170.2 120.3 180.5

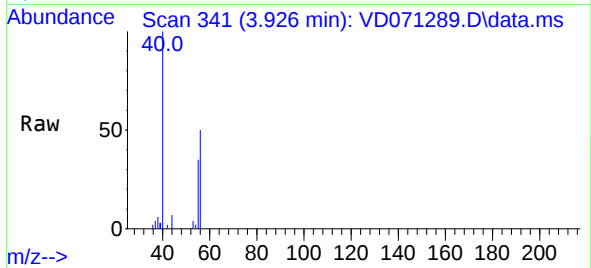
98 54.9 54.4 81.6





#13
Acrolein
Concen: 85.421 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

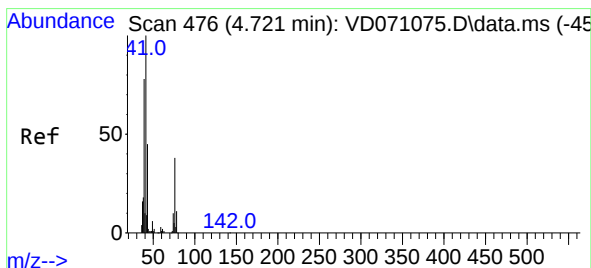
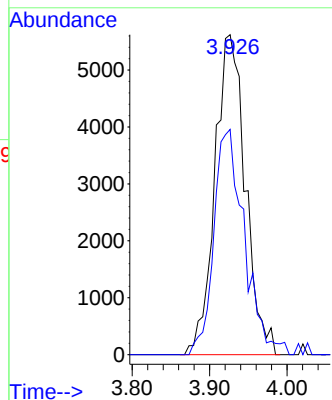
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion: 56 Resp: 15370
Ion Ratio Lower Upper
56 100
55 70.6 58.6 87.8

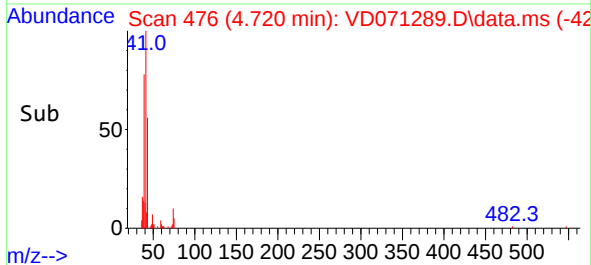
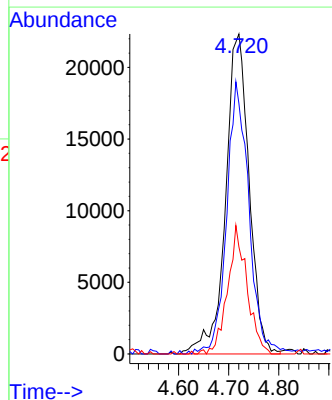
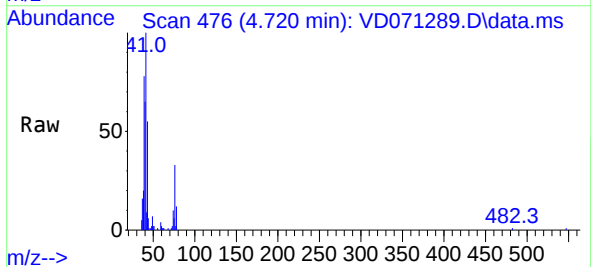
Manual Integrations
APPROVED

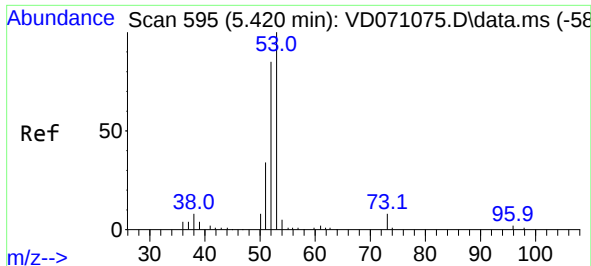
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#14
Allyl chloride
Concen: 18.443 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.001 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

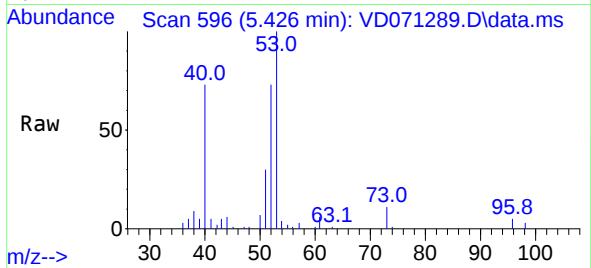
Tgt Ion: 41 Resp: 73002
Ion Ratio Lower Upper
41 100
39 80.2 45.6 68.4
76 33.0 30.2 45.4





#15
Acrylonitrile
Concen: 106.084 ug/l
RT: 5.426 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

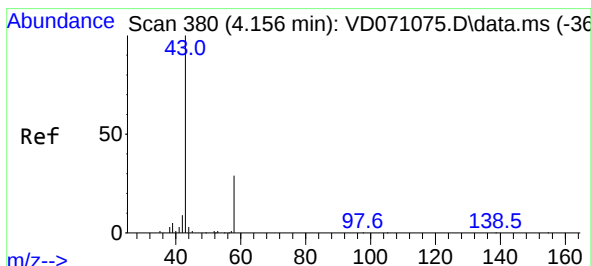
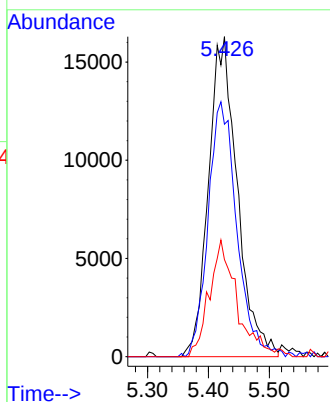
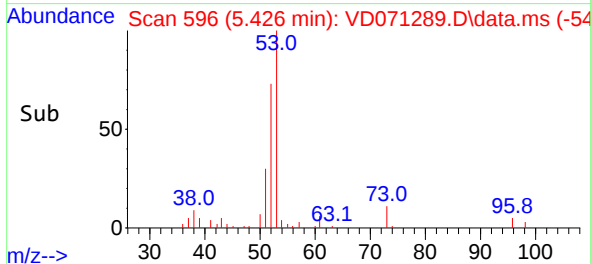
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



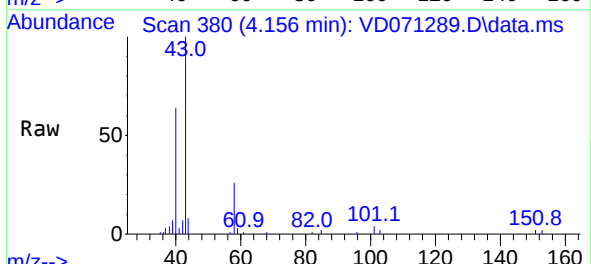
Tgt Ion: 53 Resp: 5353
Ion Ratio Lower Upper
53 100
52 79.4 63.8 95.8
51 34.9 28.5 42.7

Manual Integrations
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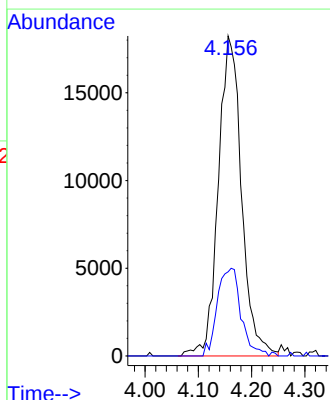
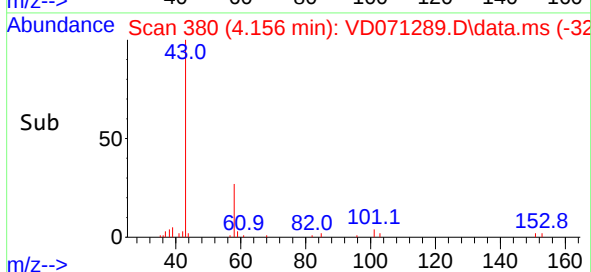
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021

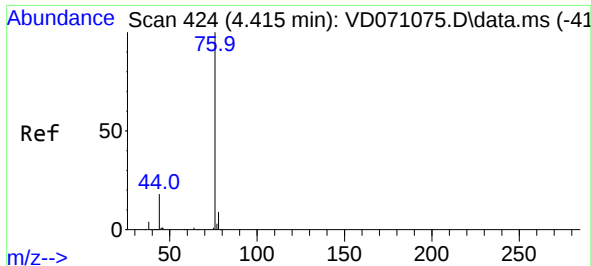


#16
Acetone
Concen: 99.895 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



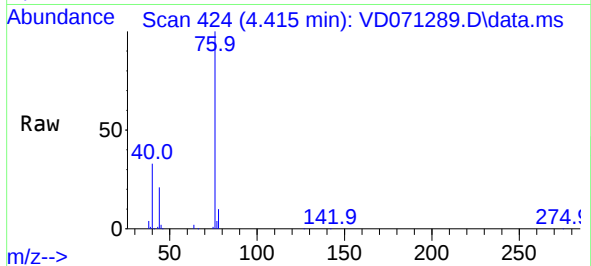
Tgt Ion: 43 Resp: 55120
Ion Ratio Lower Upper
43 100
58 26.3 27.8 41.8#





#17
Carbon Disulfide
Concen: 18.019 ug/l
RT: 4.415 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

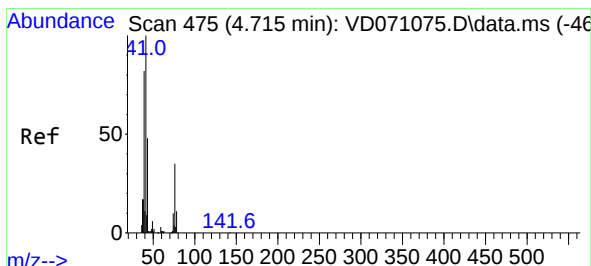
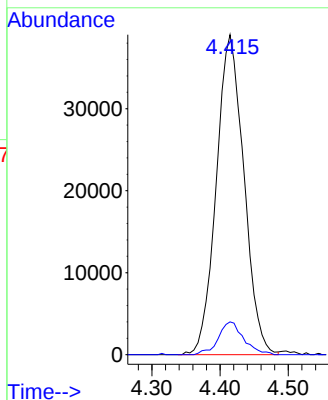
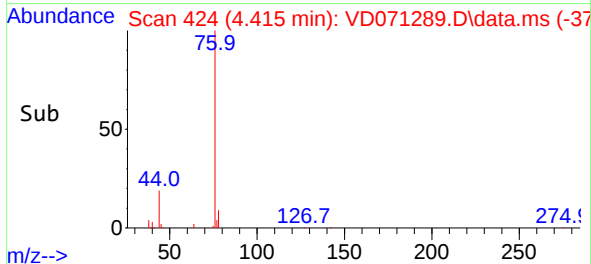
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



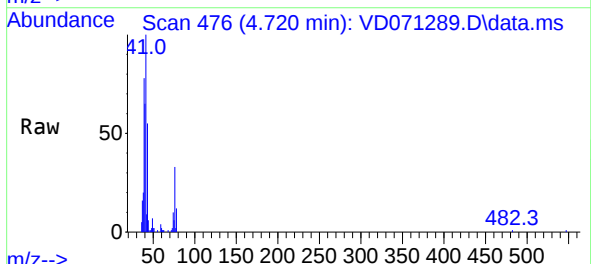
Tgt Ion: 76 Resp: 10994
Ion Ratio Lower Upper
76 100
78 10.3 7.8 11.8

Manual Integrations
APPROVED

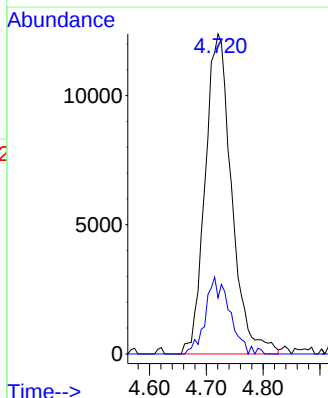
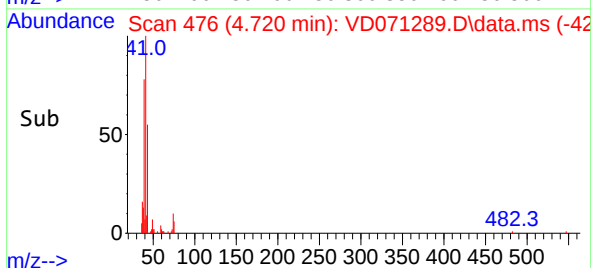
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021

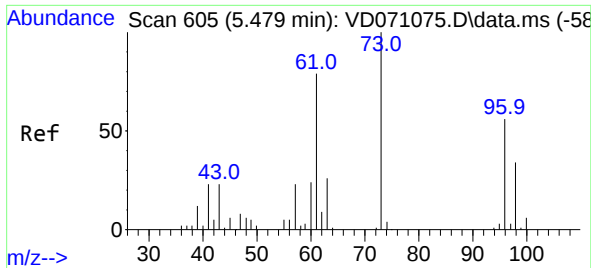


#18
Methyl Acetate
Concen: 20.632 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



Tgt Ion: 43 Resp: 40098
Ion Ratio Lower Upper
43 100
74 21.7 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 18.889 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :

MSVOA_D

ClientSampleId :

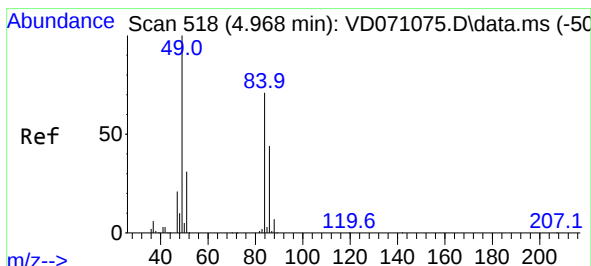
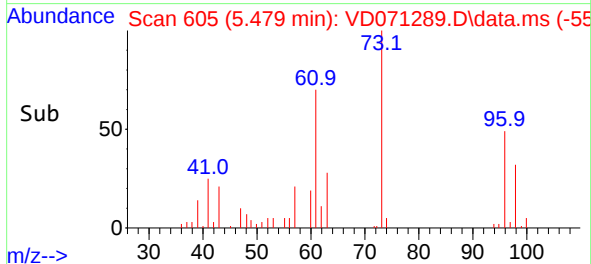
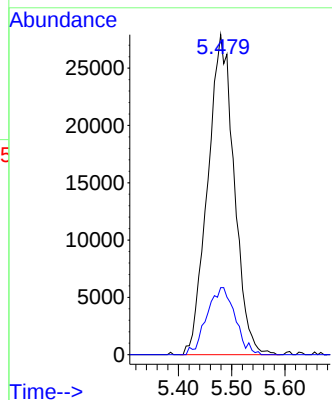
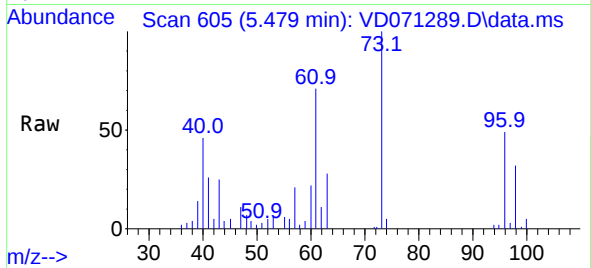
VD1213SBS01

Tgt Ion: 73 Resp: 96470
Ion Ratio Lower Upper
73 100
57 20.9 18.9 28.3

Manual Integrations

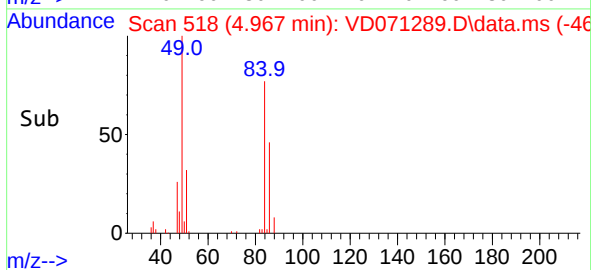
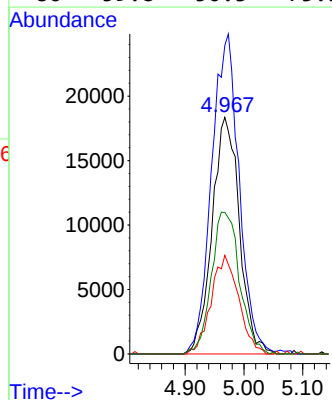
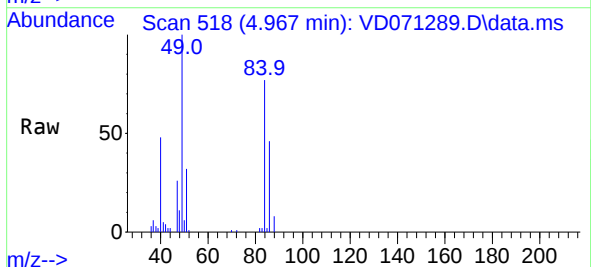
APPROVED

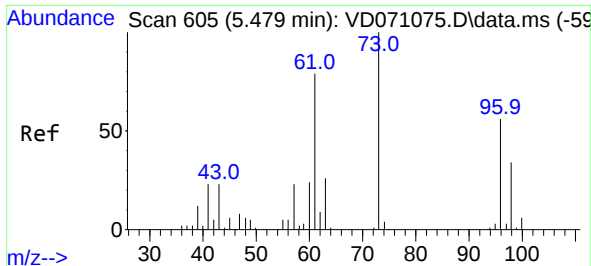
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#20
Methylene Chloride
Concen: 19.711 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

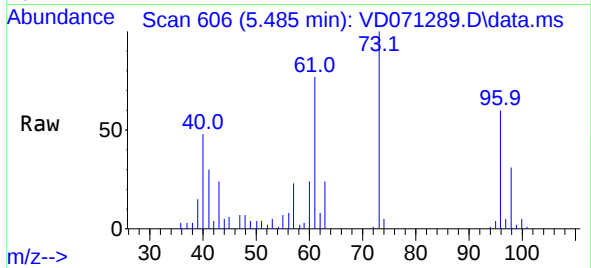
Tgt Ion: 84 Resp: 59117
Ion Ratio Lower Upper
84 100
49 130.4 95.8 143.6
51 41.6 30.9 46.3
86 59.8 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 19.007 ug/l
RT: 5.485 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

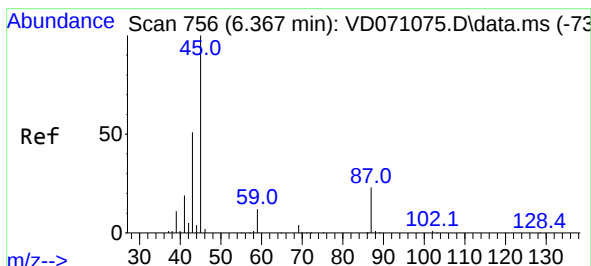
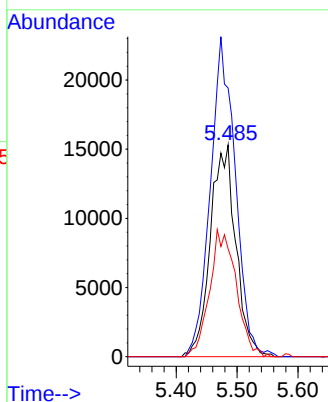
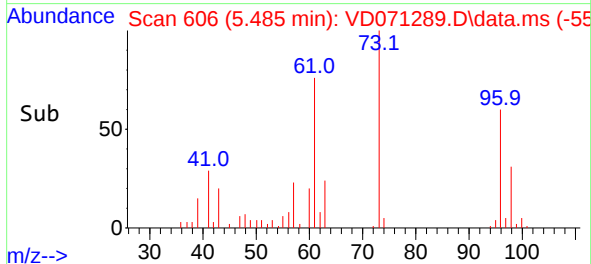
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



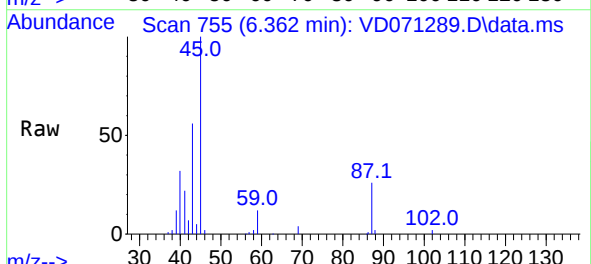
Tgt Ion: 96 Resp: 44588
Ion Ratio Lower Upper
96 100
61 126.9 102.1 153.1
98 50.9 50.1 75.1

Manual Integrations
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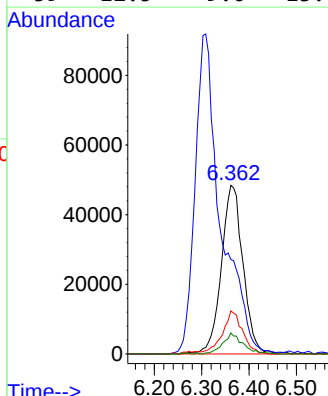
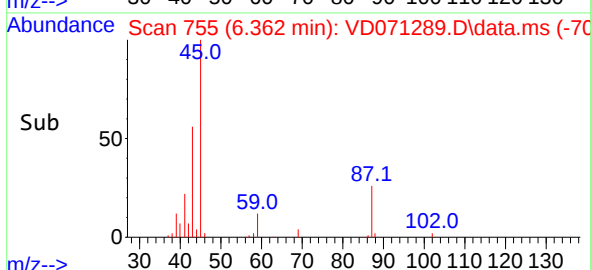
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#22
Diisopropyl ether
Concen: 19.416 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



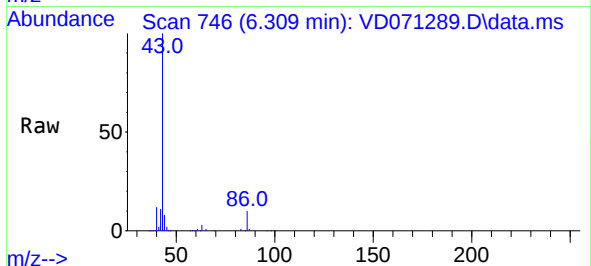
Tgt Ion: 45 Resp: 153985
Ion Ratio Lower Upper
45 100
43 54.9 39.6 59.4
87 25.5 21.2 31.8
59 12.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 98.898 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD071289.D
 Acq: 13 Dec 2021 11:26

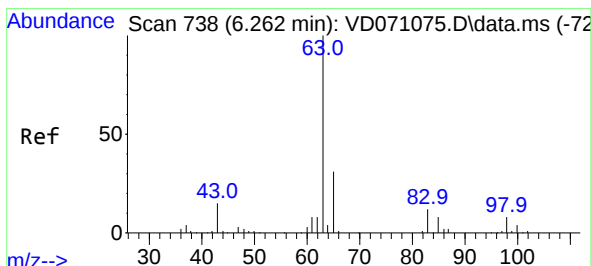
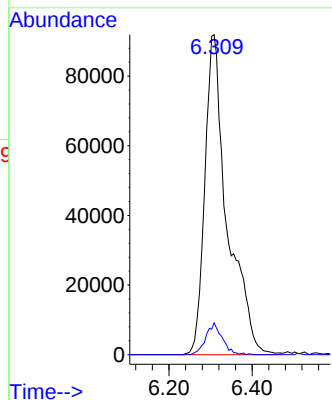
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBS01



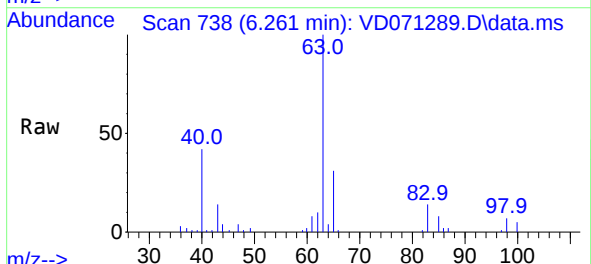
Tgt Ion: 43 Resp: 34497
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4

Manual Integrations
 APPROVED

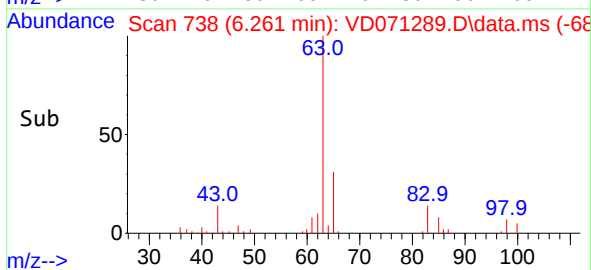
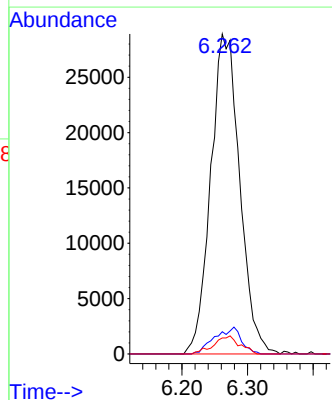
Reviewed By :Semsettin Yesilyurt 12/14/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#24
 1,1-Dichloroethane
 Concen: 19.430 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD071289.D
 Acq: 13 Dec 2021 11:26



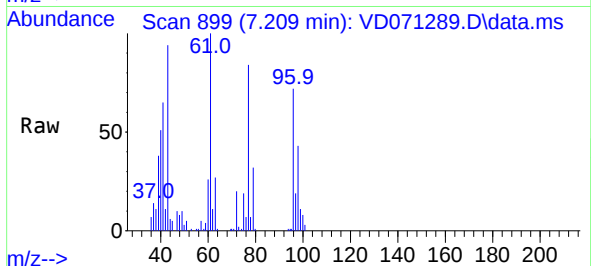
Tgt Ion: 63 Resp: 88629
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 5.0 2.1 6.3





#25
2-Butanone
Concen: 104.277 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

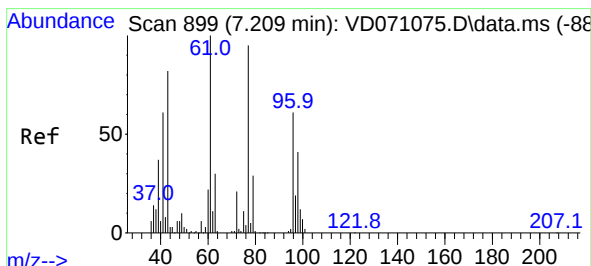
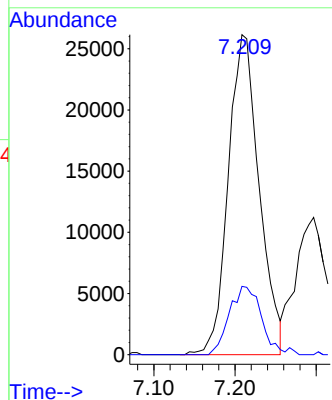
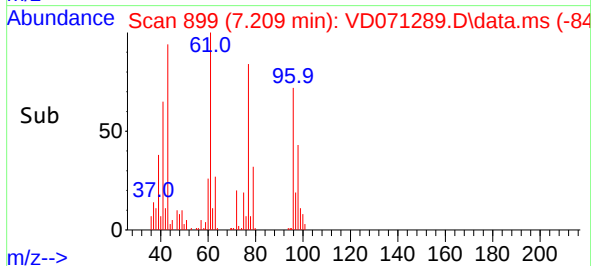
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



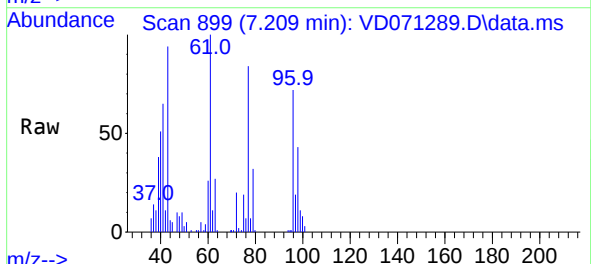
Tgt Ion: 43 Resp: 6917
Ion Ratio Lower Upper
43 100
72 21.3 23.8 35.6

Manual Integrations
APPROVED

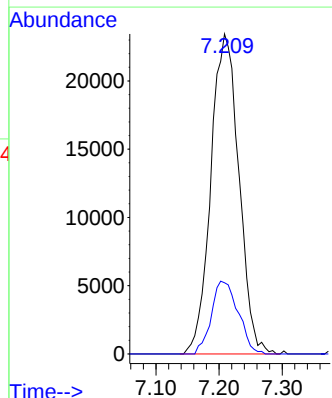
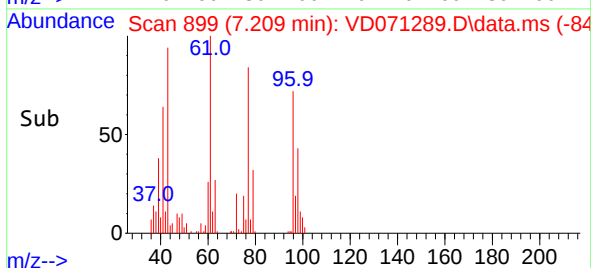
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021

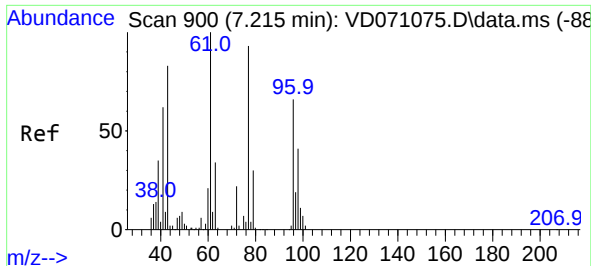


#26
2,2-Dichloropropane
Concen: 17.424 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



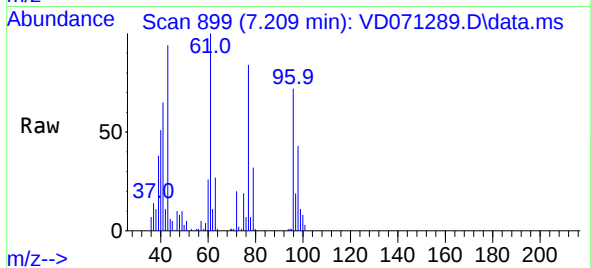
Tgt Ion: 77 Resp: 72274
Ion Ratio Lower Upper
77 100
97 21.7 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 19.345 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

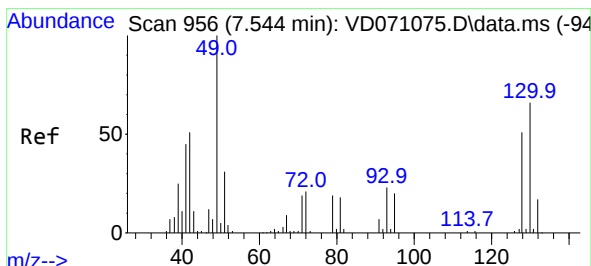
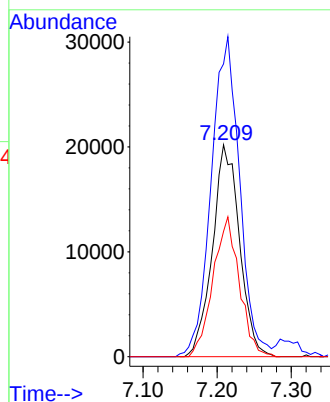
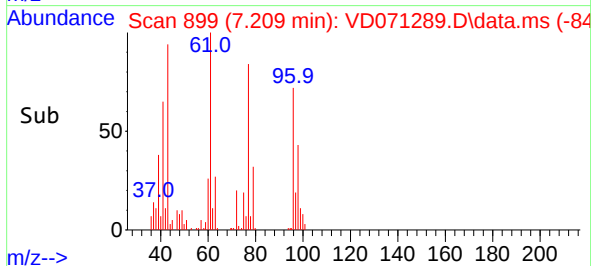
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



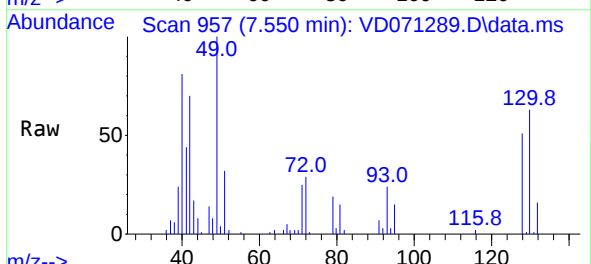
Tgt Ion: 96 Resp: 51339
Ion Ratio Lower Upper
96 100
61 158.2 0.0 288.6
98 64.2 0.0 129.2

Manual Integrations
APPROVED

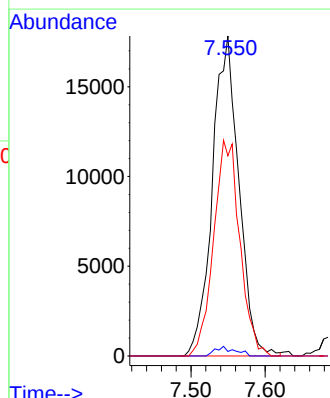
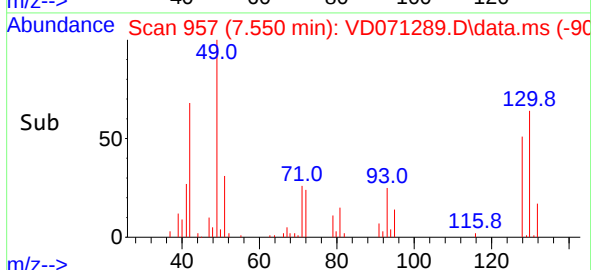
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021

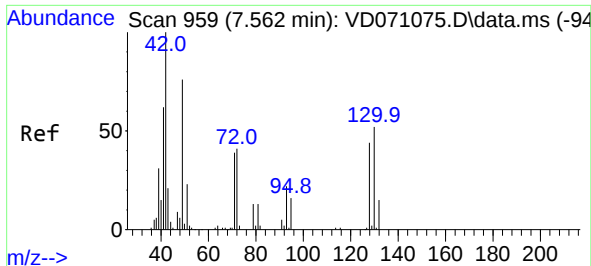


#28
Bromochloromethane
Concen: 22.301 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



Tgt Ion: 49 Resp: 44185
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 66.7 60.2 90.2





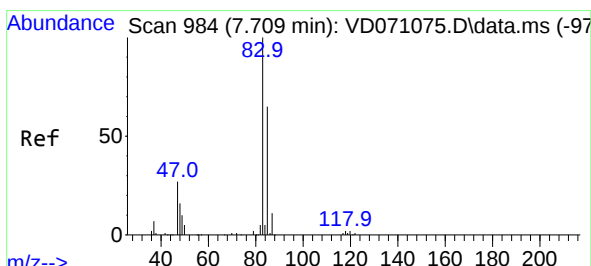
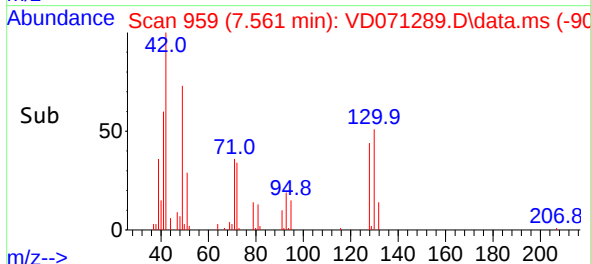
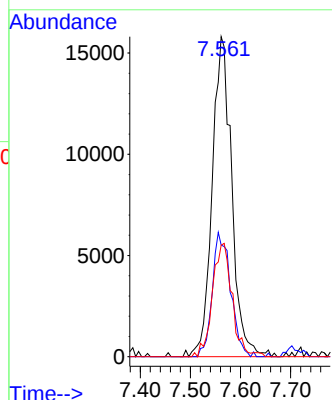
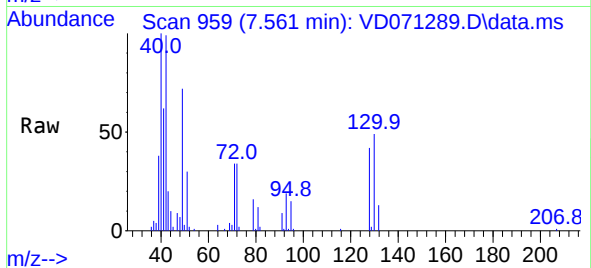
#29
Tetrahydrofuran
Concen: 102.403 ug/l
RT: 7.561 min Scan# 912
Delta R.T. -0.001 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 42 Resp: 4283
Ion Ratio Lower Upper
42 100
72 36.2 33.7 50.5
71 35.0 32.7 49.1

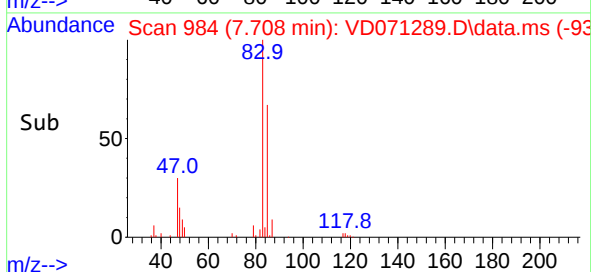
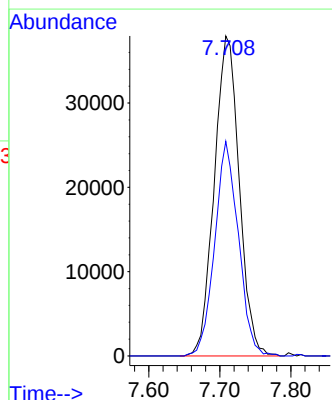
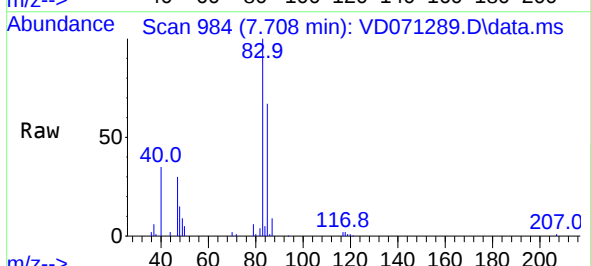
Manual Integrations
APPROVED

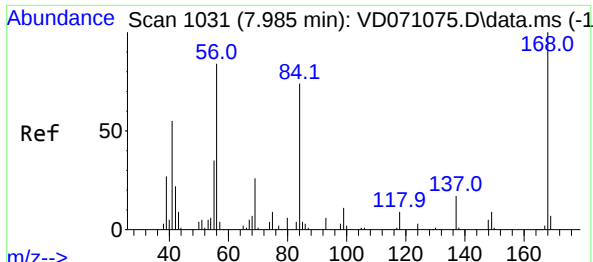
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#30
Chloroform
Concen: 20.221 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.001 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

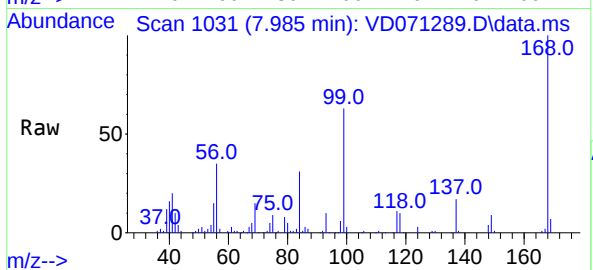
Tgt Ion: 83 Resp: 92573
Ion Ratio Lower Upper
83 100
85 67.0 51.0 76.6





#31
Cyclohexane
Concen: 17.646 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

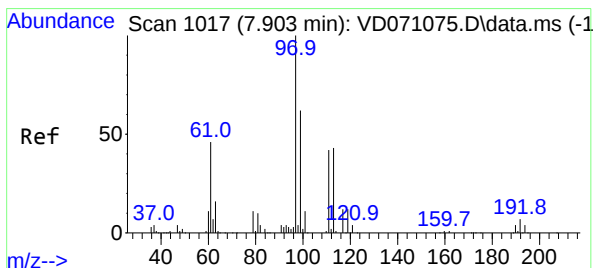
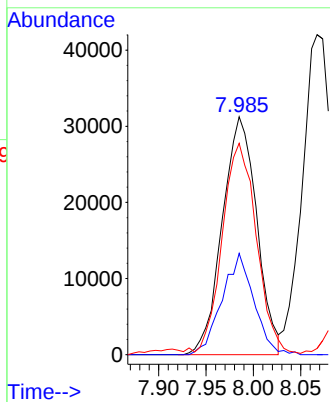
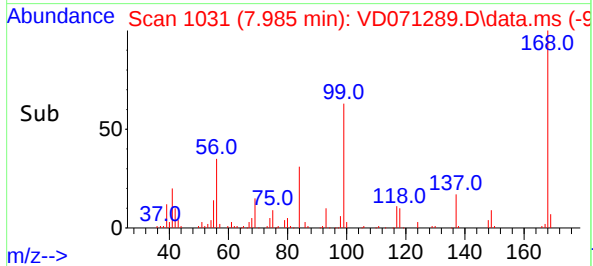
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



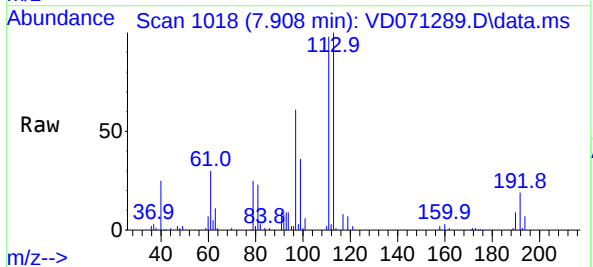
Tgt Ion: 56 Resp: 79064
Ion Ratio Lower Upper
56 100
69 42.6 25.9 38.9
84 86.9 64.3 96.5

Manual Integrations
APPROVED

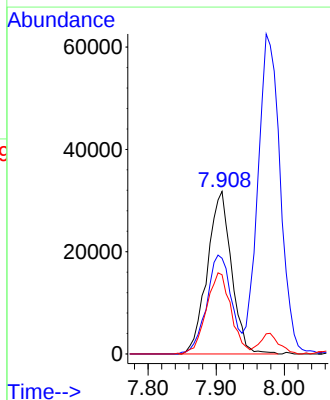
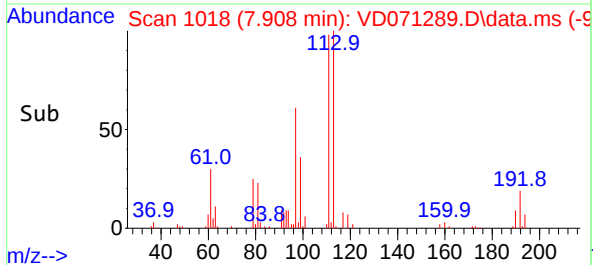
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021

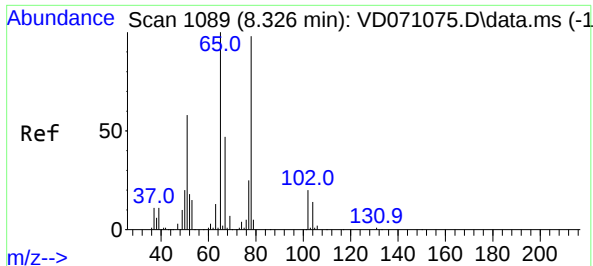


#32
1,1,1-Trichloroethane
Concen: 19.066 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.005 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



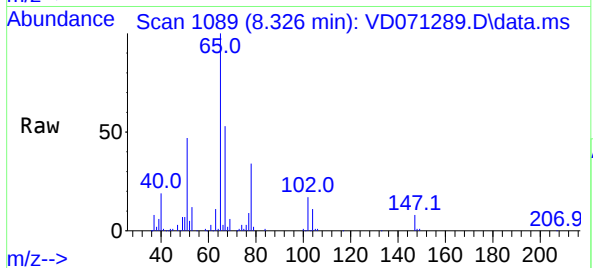
Tgt Ion: 97 Resp: 78364
Ion Ratio Lower Upper
97 100
99 62.3 50.3 75.5
61 51.0 33.0 49.4





#33
1,2-Dichloroethane-d4
Concen: 54.836 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

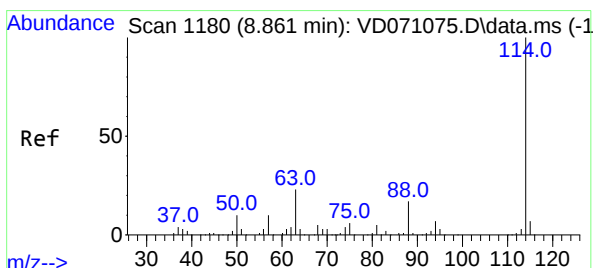
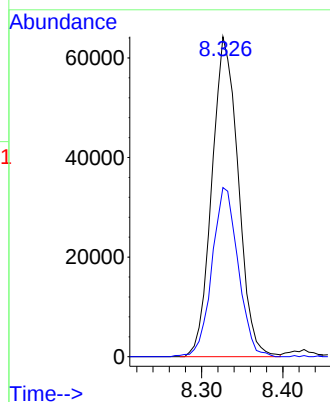
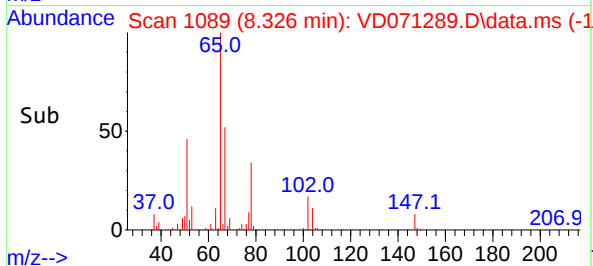
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



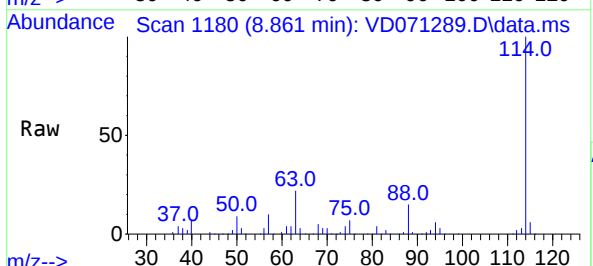
Tgt Ion: 65 Resp: 144440
Ion Ratio Lower Upper
65 100
67 52.6 0.0 112.2

Manual Integrations
APPROVED

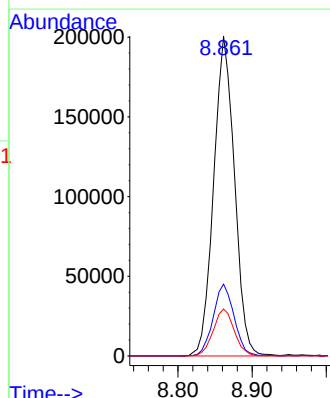
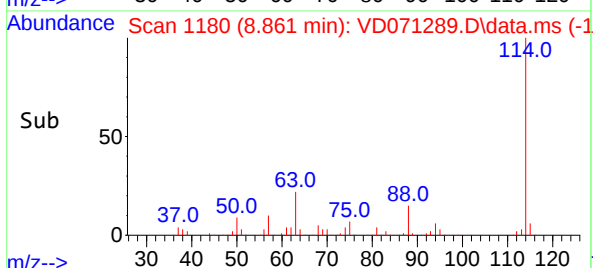
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



Tgt Ion:114 Resp: 391255
Ion Ratio Lower Upper
114 100
63 22.5 0.0 41.8
88 14.6 0.0 32.8





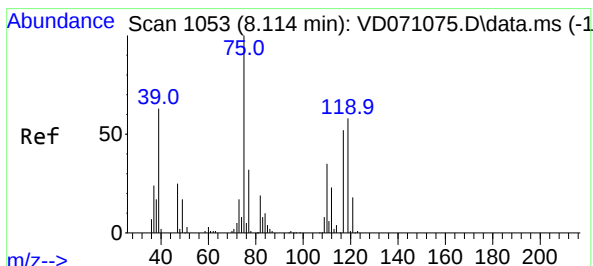
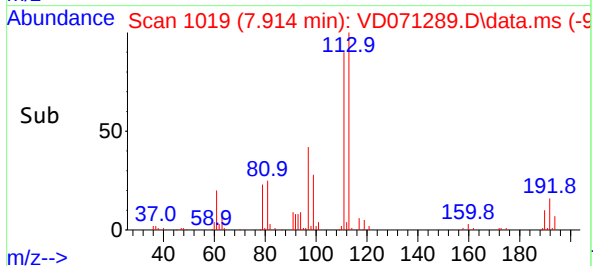
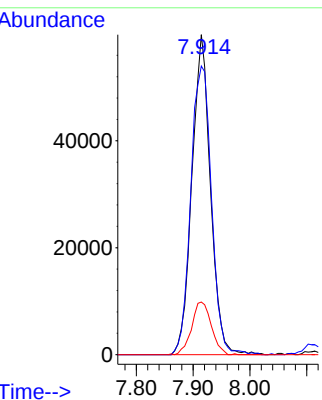
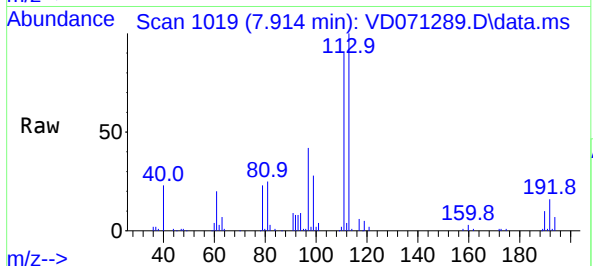
#35
Dibromofluoromethane
Concen: 54.351 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 113 Resp: 135415
Ion Ratio Lower Upper
113 100
111 100.9 82.0 123.0
192 17.5 15.2 22.8

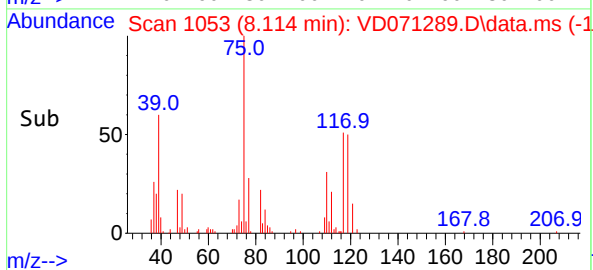
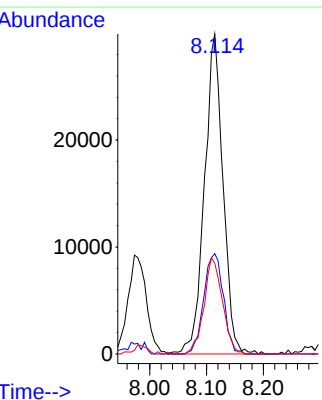
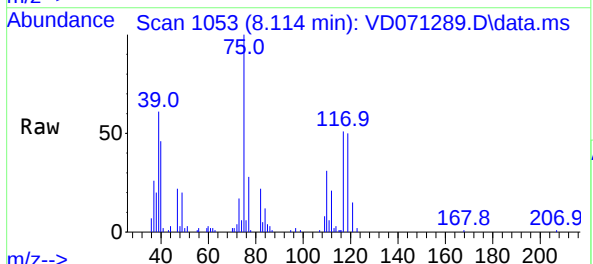
Manual Integrations
APPROVED

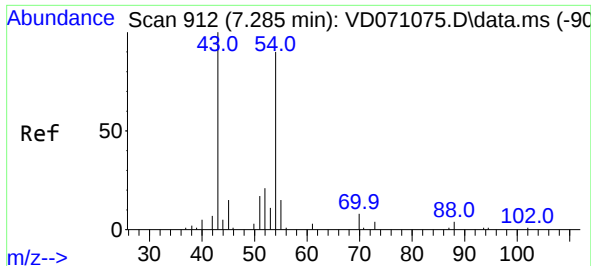
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#36
1,1-Dichloropropene
Concen: 18.569 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

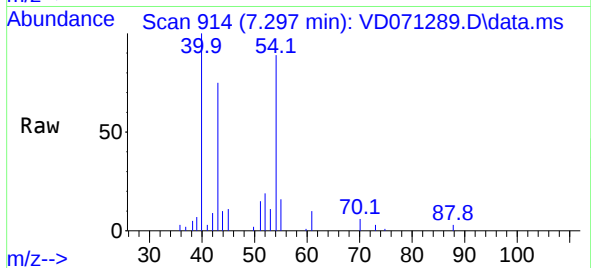
Tgt Ion: 75 Resp: 67903
Ion Ratio Lower Upper
75 100
110 33.1 17.8 53.4
77 29.7 24.8 37.2





#37
Ethyl Acetate
Concen: 19.107 ug/l
RT: 7.297 min Scan# 912
Delta R.T. 0.012 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

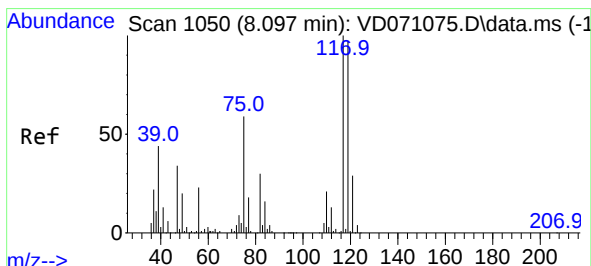
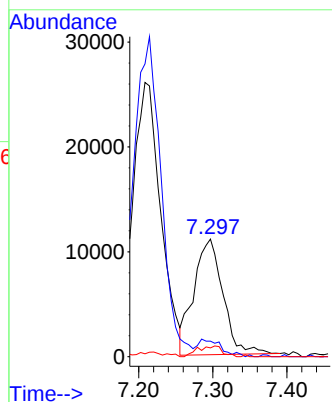
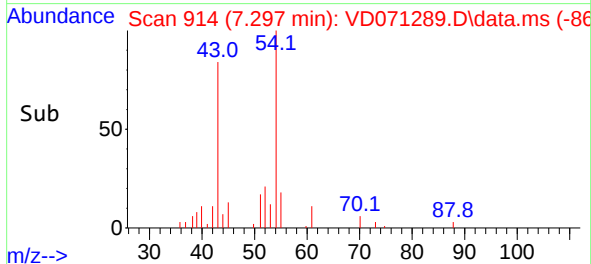
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion: 43 Resp: 3018
Ion Ratio Lower Upper
43 100
61 12.1 13.0 19.6
70 7.8 8.7 13.1

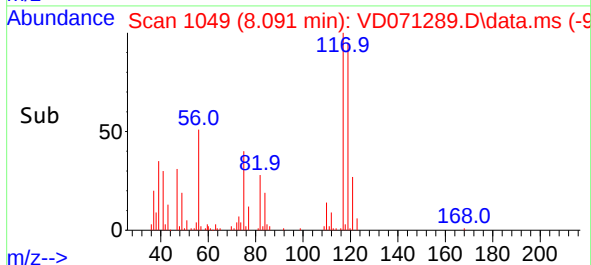
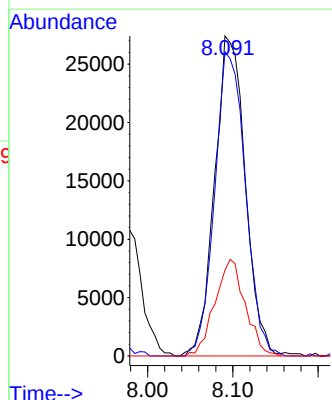
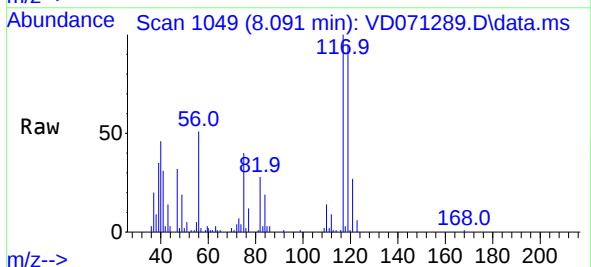
Manual Integrations
APPROVED

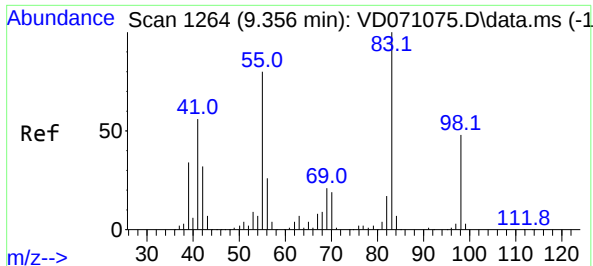
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#38
Carbon Tetrachloride
Concen: 18.987 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion:117 Resp: 68443
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.6
121 26.9 23.6 35.4





#39

Methylcyclohexane

Concen: 16.839 ug/l

RT: 9.355 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD071289.D

Acq: 13 Dec 2021 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

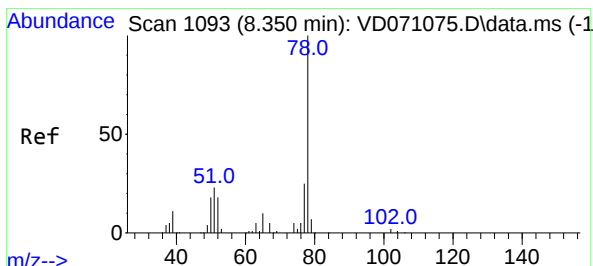
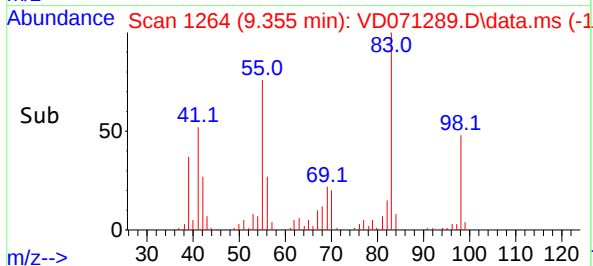
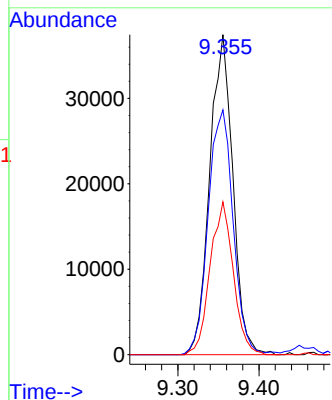
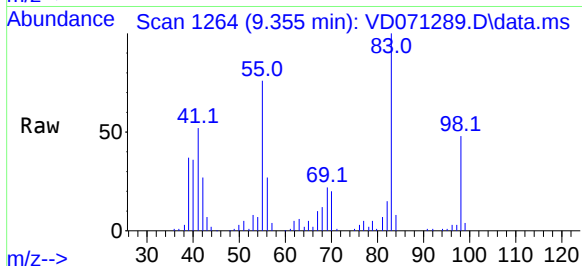
Tgt Ion: 83 Resp: 74064

Ion	Ratio	Lower	Upper
83	100		
55	76.5	65.8	98.8
98	47.8	38.7	58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#40

Benzene

Concen: 18.600 ug/l

RT: 8.350 min Scan# 1093

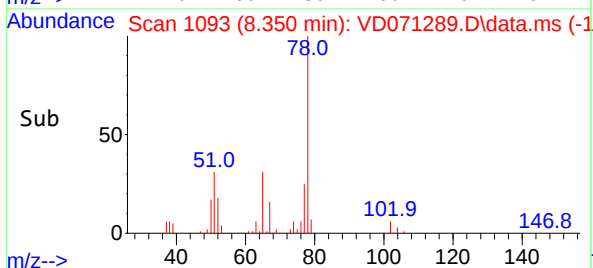
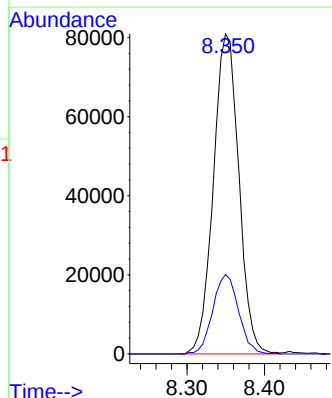
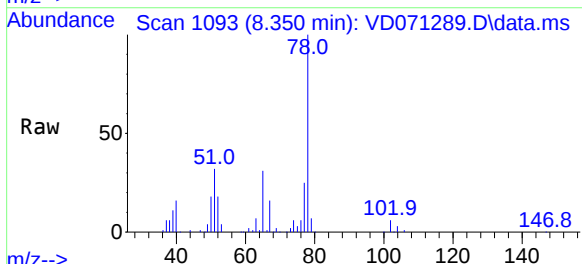
Delta R.T. -0.000 min

Lab File: VD071289.D

Acq: 13 Dec 2021 11:26

Tgt Ion: 78 Resp: 184749

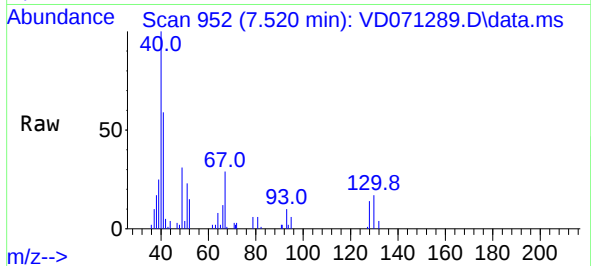
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.1	28.7





#41
Methacrylonitrile
Concen: 22.321 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

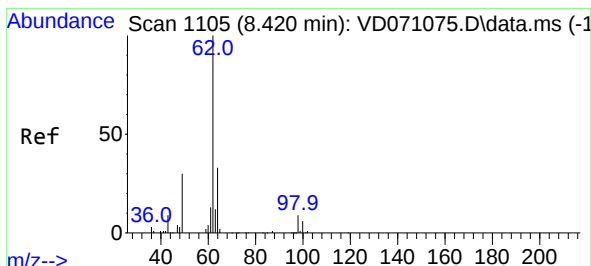
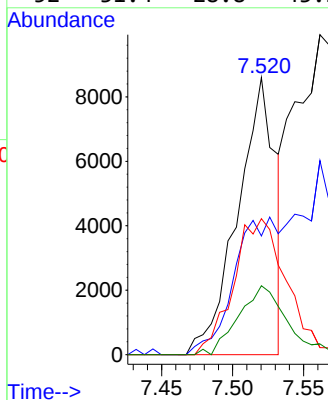
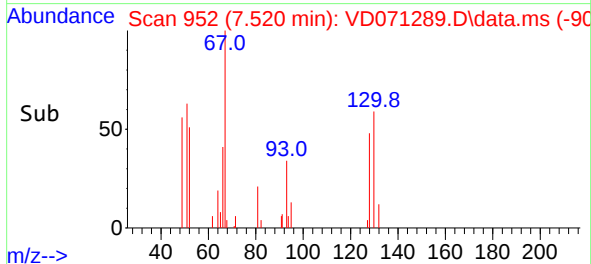


Tgt Ion: 41 Resp: 15940

Ion	Ratio	Lower	Upper
41	100		
39	40.0	60.2	90.4
67	68.2	74.8	112.2
52	31.4	28.8	43.2

Manual Integrations
APPROVED

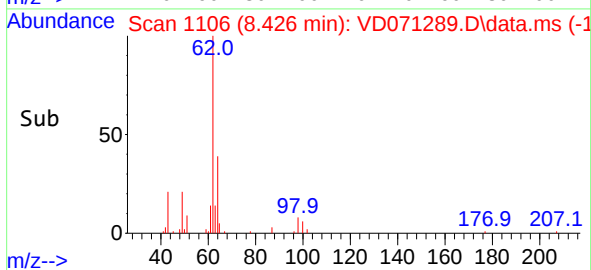
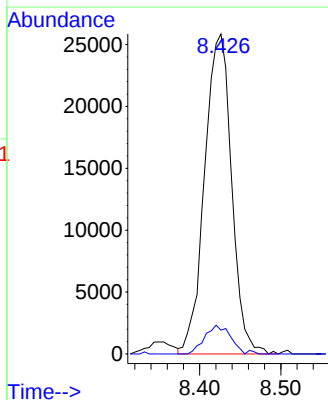
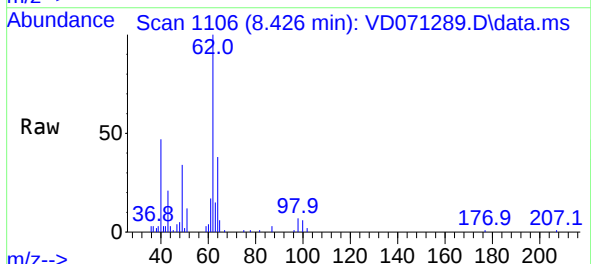
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021

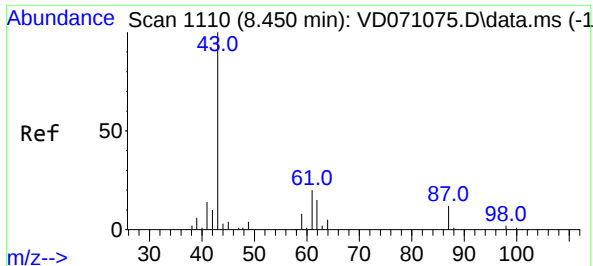


#42
1,2-Dichloroethane
Concen: 19.741 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion: 62 Resp: 59854

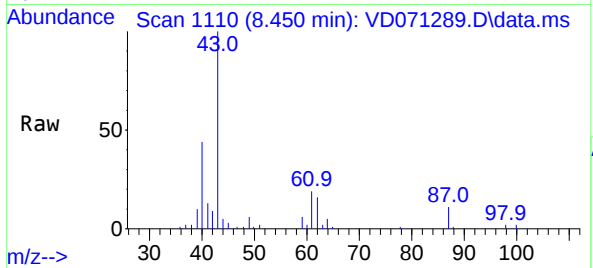
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	21.8





#43
Isopropyl Acetate
Concen: 20.020 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

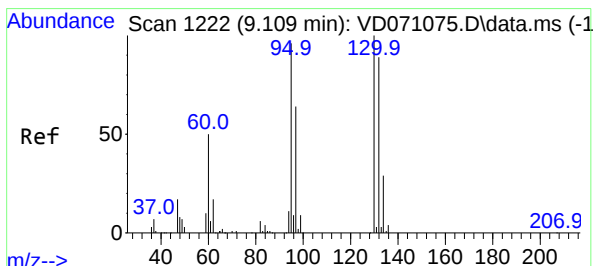
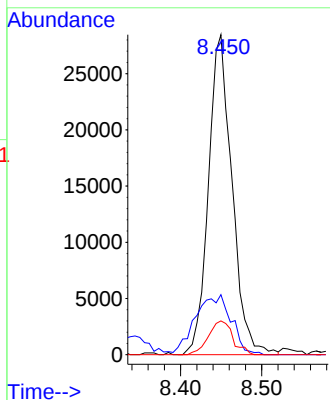
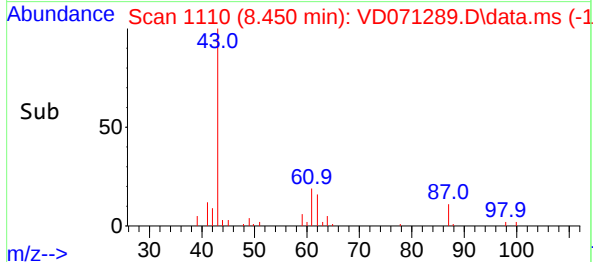
Instrument : MSVOA_D
ClientSampleId : VD1213SBS01



Tgt Ion: 43 Resp: 57428
Ion Ratio Lower Upper
43 100
61 28.5 28.2 42.4
87 10.9 10.7 16.1

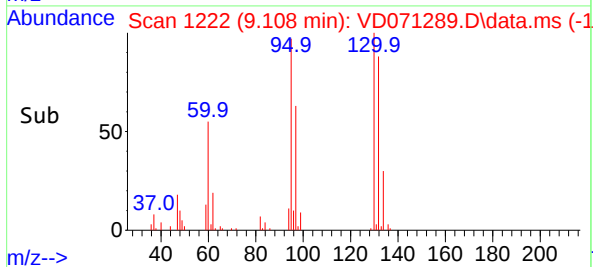
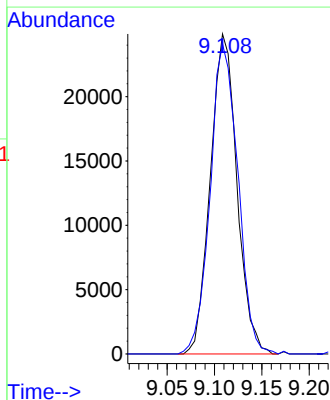
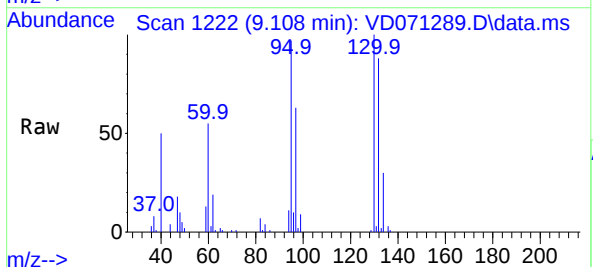
Manual Integrations
APPROVED

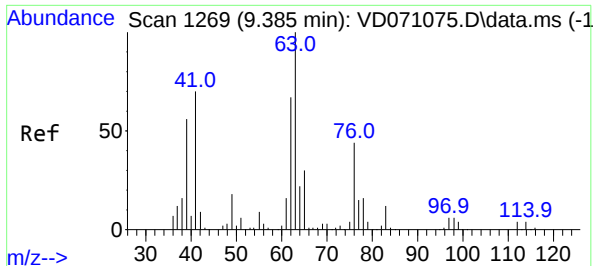
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 18.357 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion:130 Resp: 48616
Ion Ratio Lower Upper
130 100
95 96.9 0.0 193.2





#45

1,2-Dichloropropane

Concen: 19.397 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071289.D

Acq: 13 Dec 2021 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

Tgt Ion: 63 Resp: 5066

Ion Ratio Lower Upper

63 100

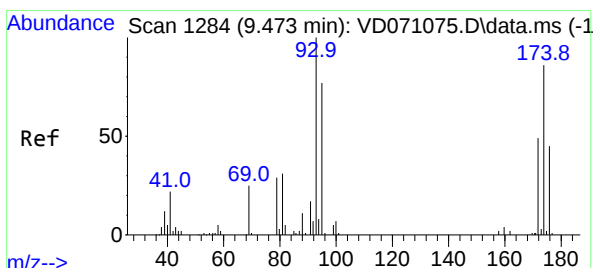
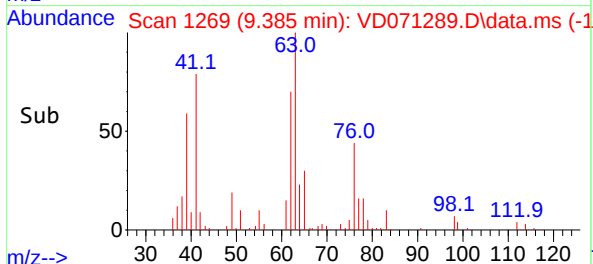
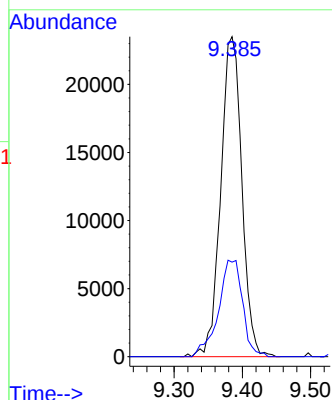
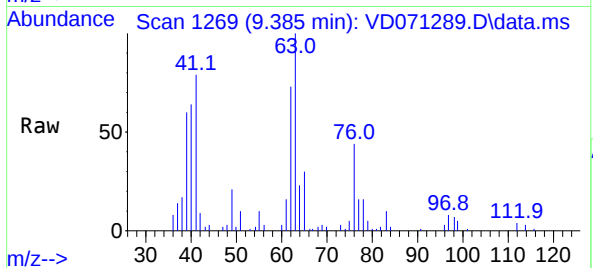
65 29.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021

Supervised By :Mahesh Dadoda 12/15/2021



#46

Dibromomethane

Concen: 19.226 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071289.D

Acq: 13 Dec 2021 11:26

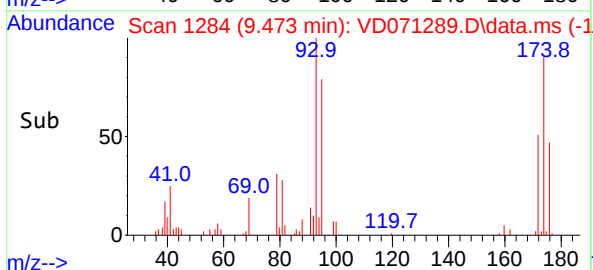
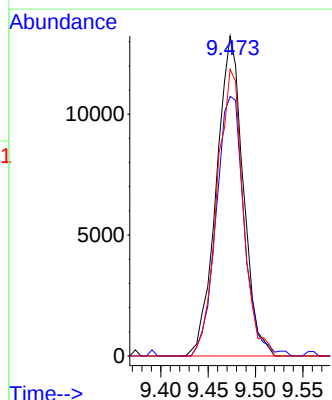
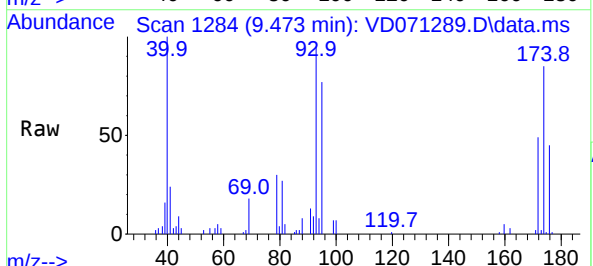
Tgt Ion: 93 Resp: 26056

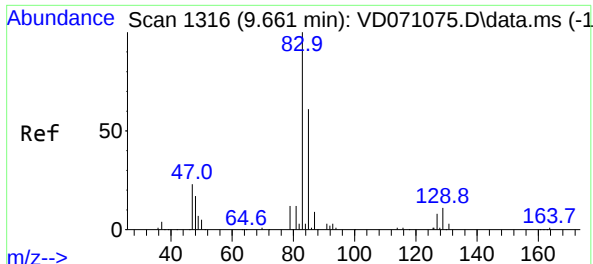
Ion Ratio Lower Upper

93 100

95 84.7 66.1 99.1

174 87.0 78.6 117.8





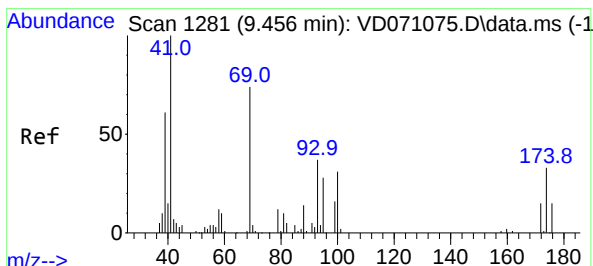
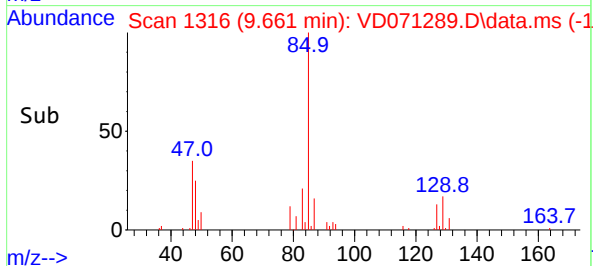
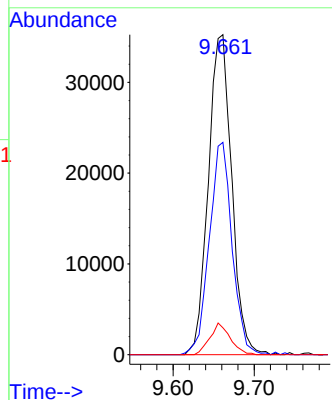
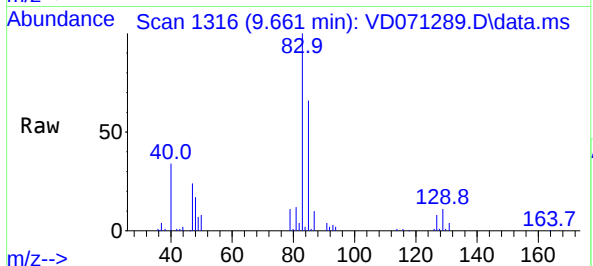
#47
Bromodichloromethane
Concen: 19.682 ug/l
RT: 9.661 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 83 Resp: 7054
Ion Ratio Lower Upper
83 100
85 66.3 50.0 75.0
127 8.4 7.3 10.9

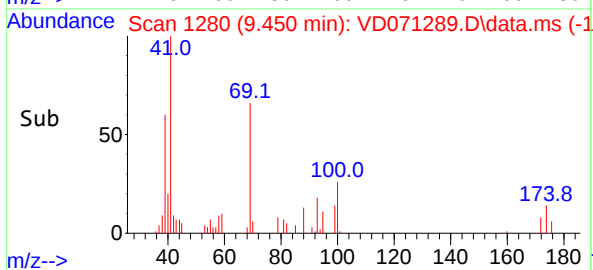
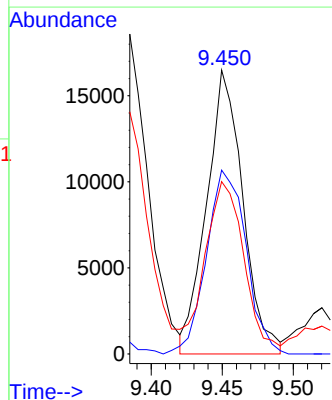
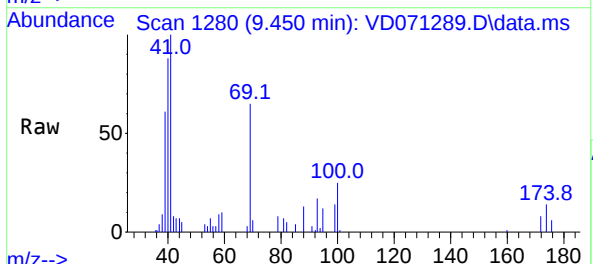
Manual Integrations
APPROVED

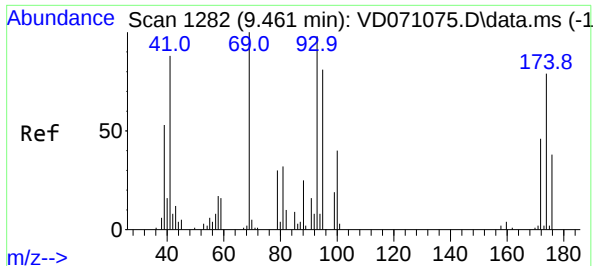
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 18.926 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion: 41 Resp: 29263
Ion Ratio Lower Upper
41 100
69 70.8 69.8 104.6
39 58.8 35.6 53.4





#49

1,4-Dioxane

Concen: 404.290 ug/l

RT: 9.461 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071289.D

Acq: 13 Dec 2021 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

Tgt Ion: 88 Resp: 5289

Ion Ratio Lower Upper

88 100

43 52.9 28.9 43.3

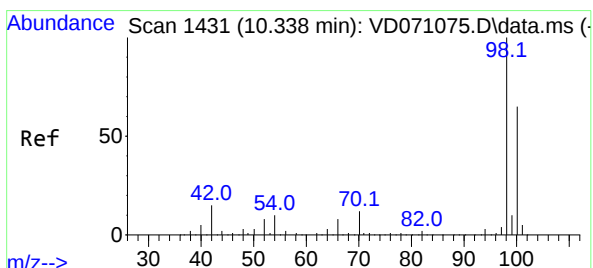
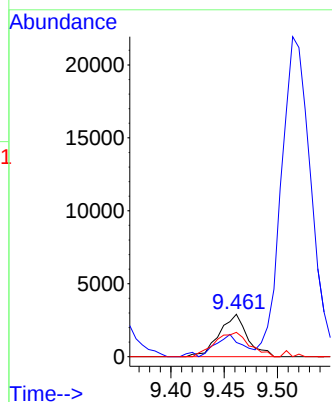
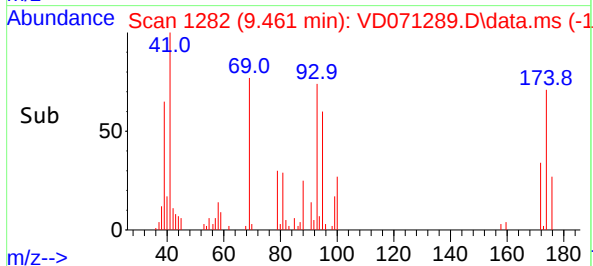
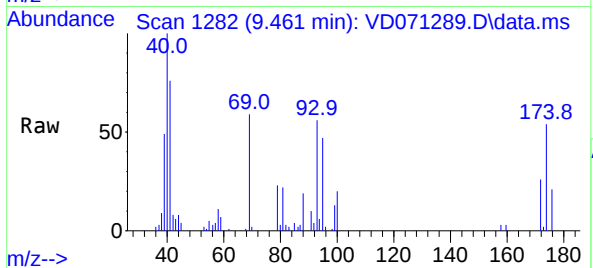
58 70.8 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021

Supervised By :Mahesh Dadoda 12/15/2021



#50

Toluene-d8

Concen: 48.424 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD071289.D

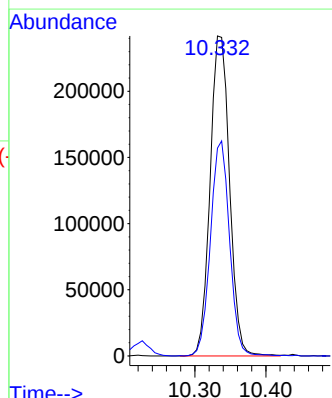
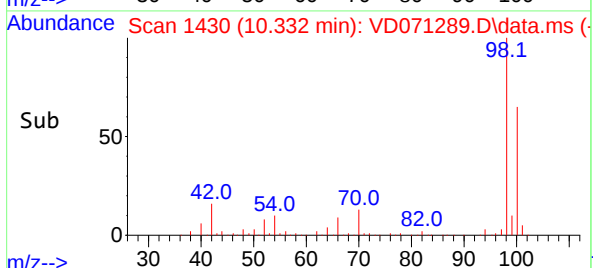
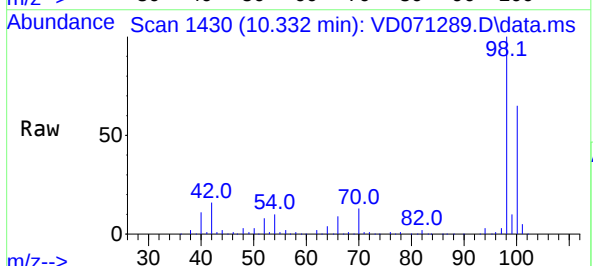
Acq: 13 Dec 2021 11:26

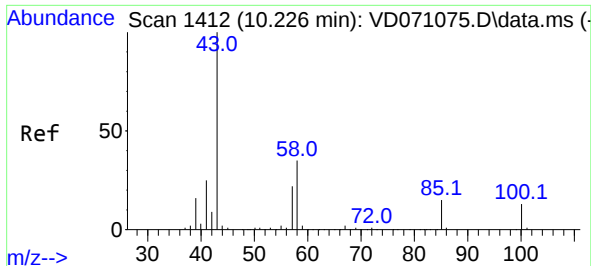
Tgt Ion: 98 Resp: 459124

Ion Ratio Lower Upper

98 100

100 66.0 51.8 77.6





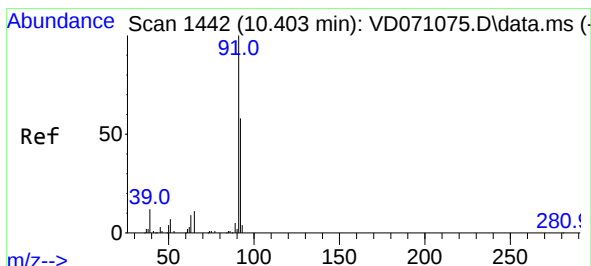
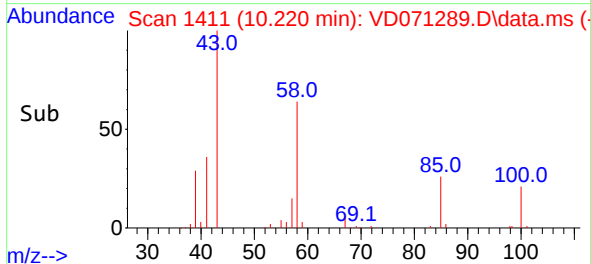
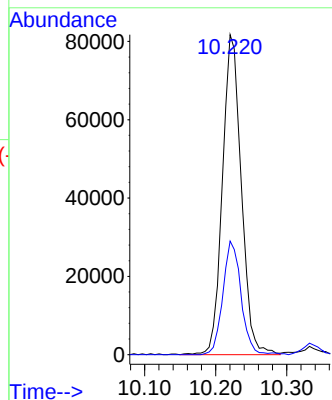
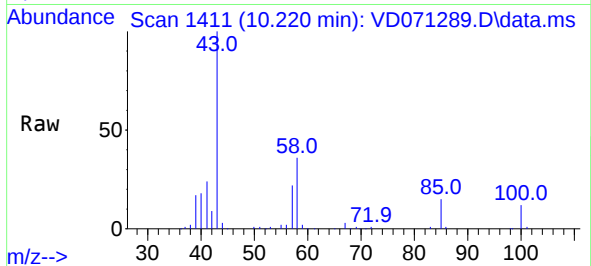
#51
4-Methyl-2-Pentanone
Concen: 104.721 ug/l
RT: 10.220 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 43 Resp: 150369
Ion Ratio Lower Upper
43 100
58 34.3 33.1 49.7

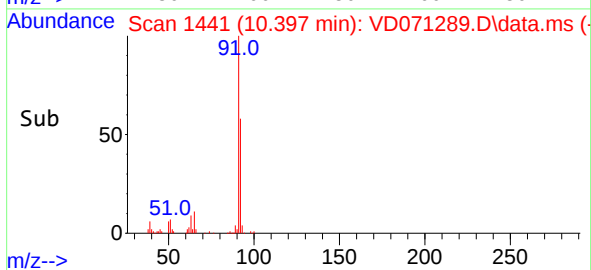
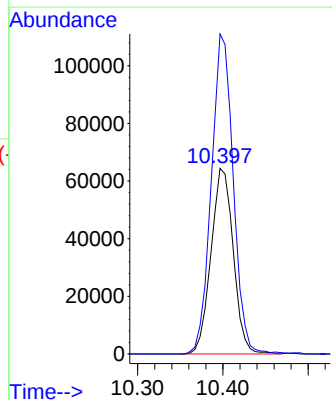
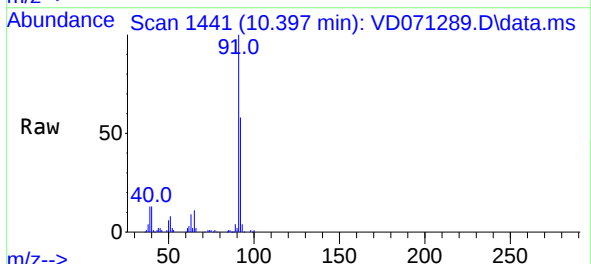
Manual Integrations
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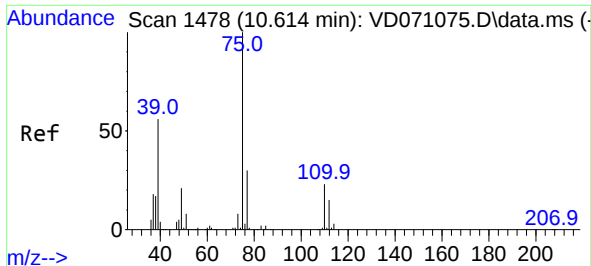
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 18.554 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion: 92 Resp: 116930
Ion Ratio Lower Upper
92 100
91 170.1 140.7 211.1





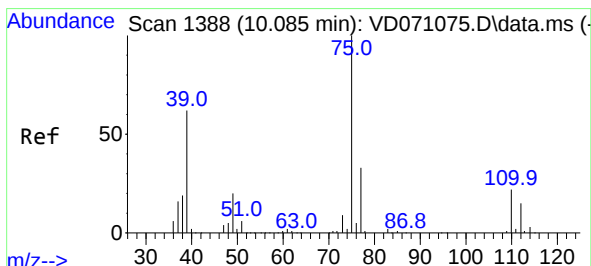
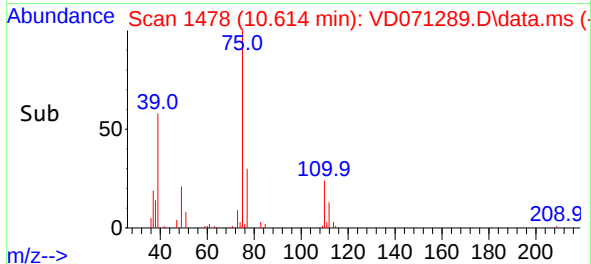
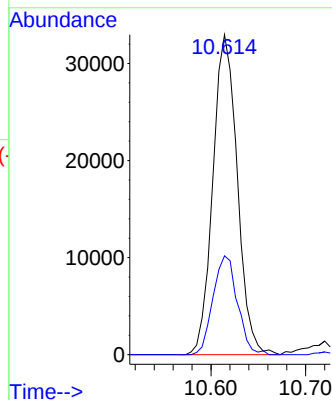
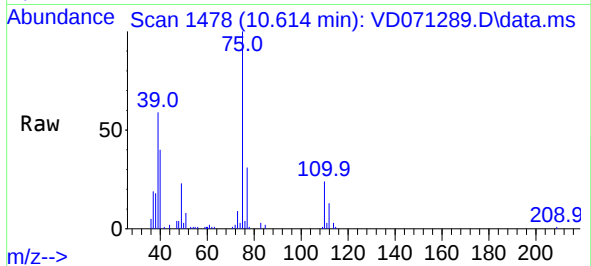
#53
t-1,3-Dichloropropene
Concen: 17.933 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 75 Resp: 5909
Ion Ratio Lower Upper
75 100
77 30.9 24.5 36.7

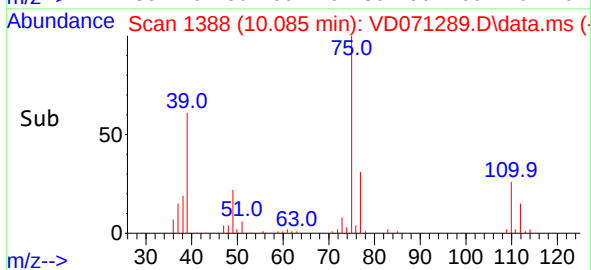
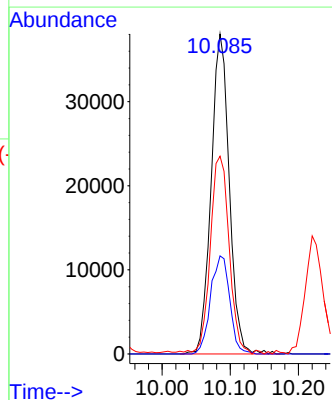
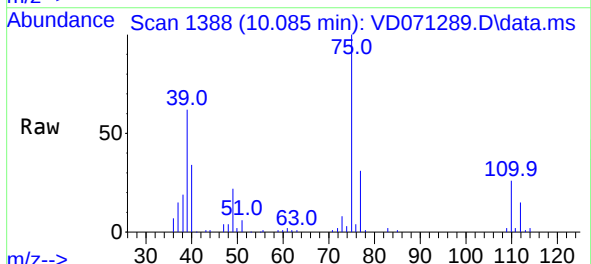
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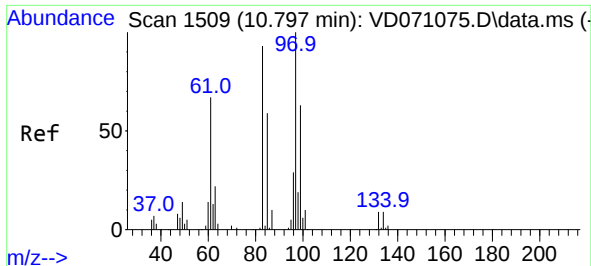
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 17.991 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion: 75 Resp: 70420
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.6
39 61.3 31.6 47.4#





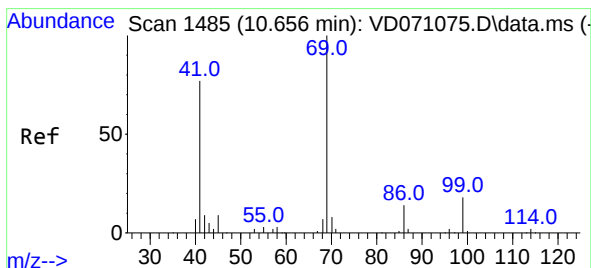
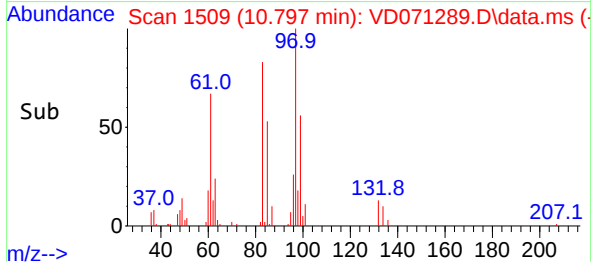
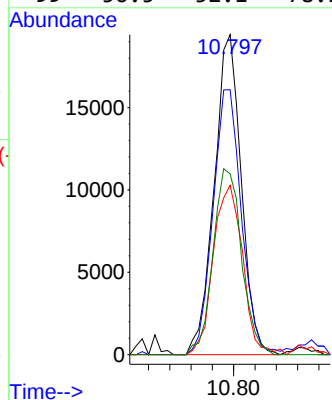
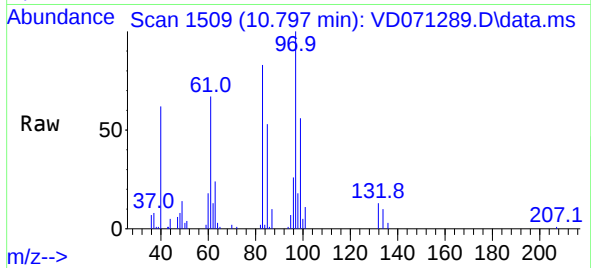
#55
1,1,2-Trichloroethane
Concen: 19.264 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 97	Resp: 34249
Ion Ratio	Lower Upper
97 100	
83 82.8	65.2 97.8
85 53.0	43.4 65.0
99 56.5	52.1 78.1

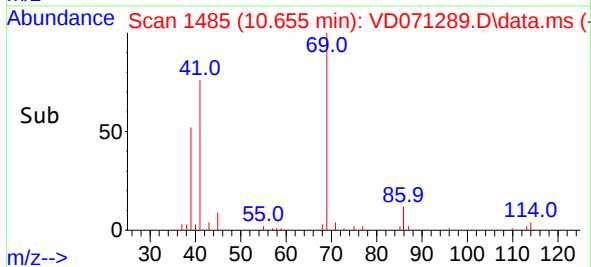
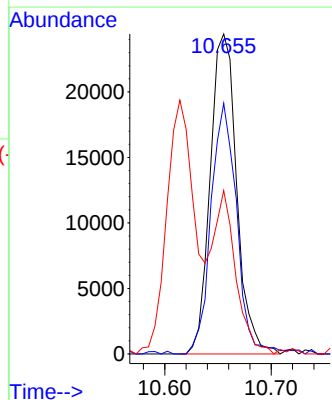
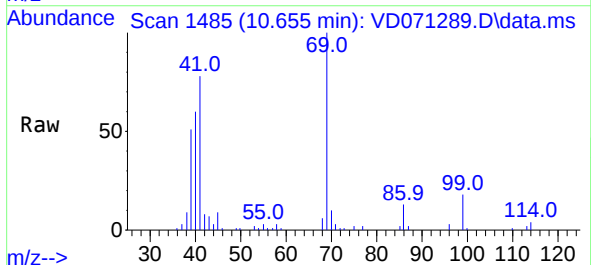
Manual Integrations
APPROVED

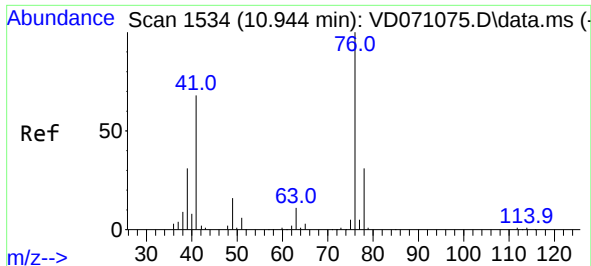
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#56
Ethyl methacrylate
Concen: 20.490 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion: 69	Resp: 42201
Ion Ratio	Lower Upper
69 100	
41 76.3	50.2 75.2#
39 44.4	19.8 29.8#





#57

1,3-Dichloropropane

Concen: 19.629 ug/l

RT: 10.938 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071289.D

Acq: 13 Dec 2021 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

Tgt Ion: 76 Resp: 6130

Ion Ratio Lower Upper

76 100

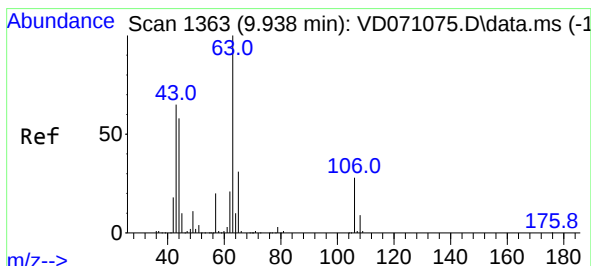
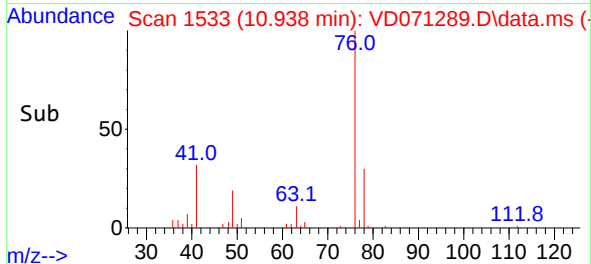
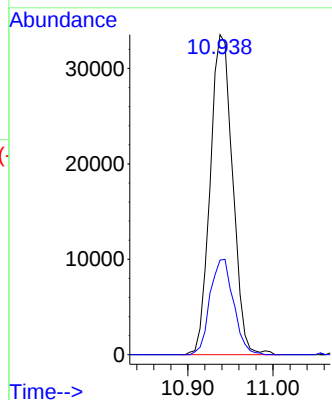
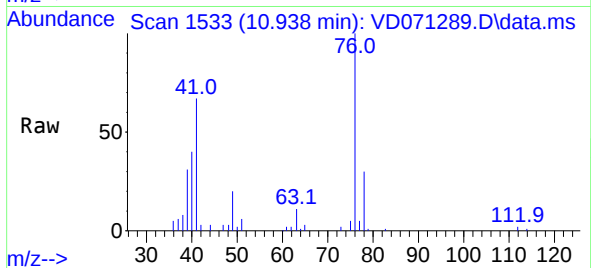
78 31.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 106.741 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071289.D

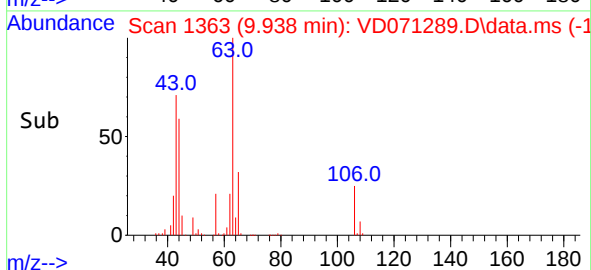
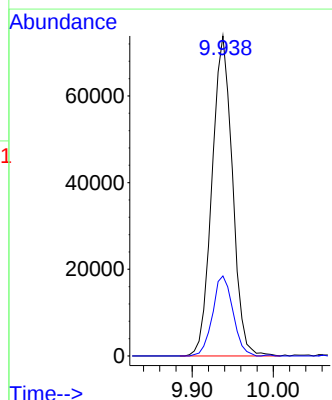
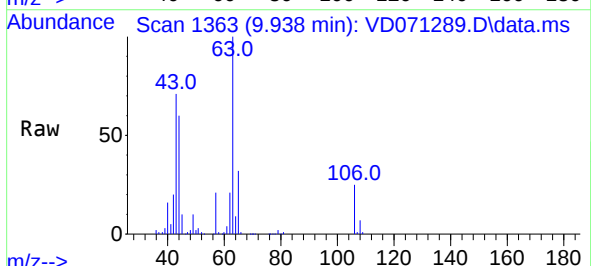
Acq: 13 Dec 2021 11:26

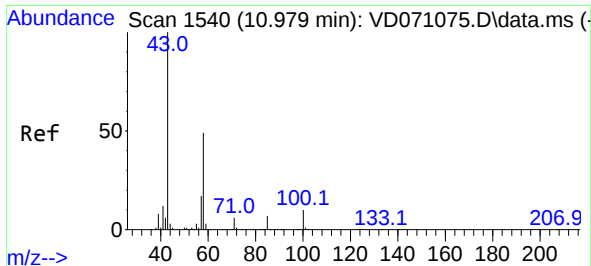
Tgt Ion: 63 Resp: 129136

Ion Ratio Lower Upper

63 100

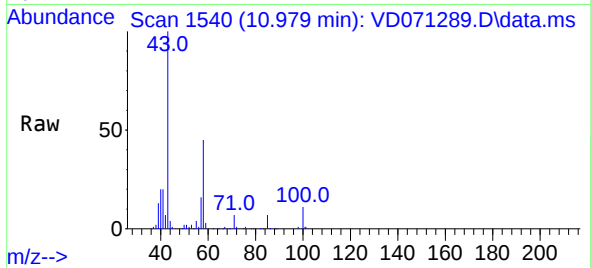
106 24.9 21.0 31.4





#59
2-Hexanone
Concen: 99.300 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

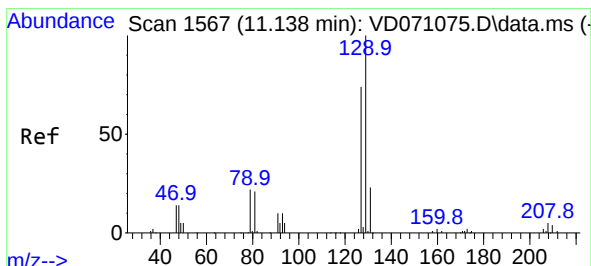
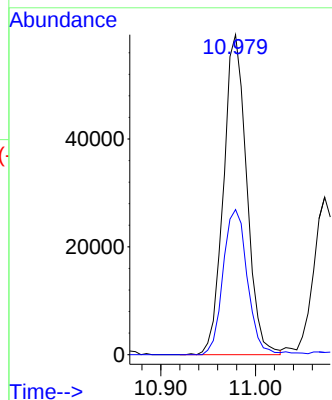
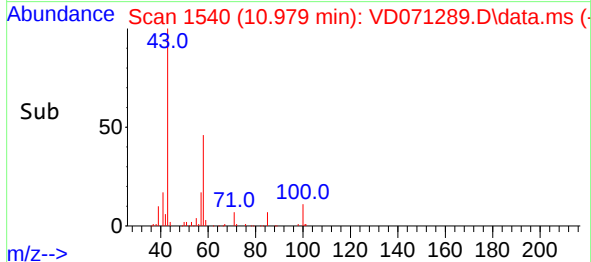
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion: 43 Resp: 10081
Ion Ratio Lower Upper
43 100
58 47.3 28.7 86.1

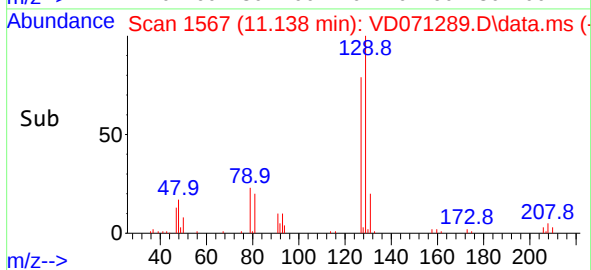
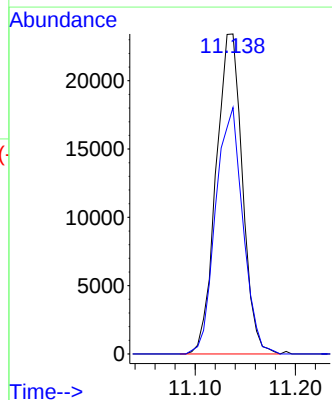
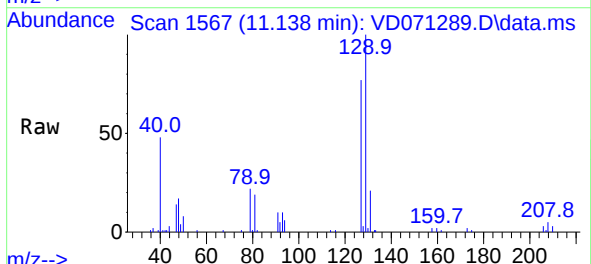
Manual Integrations
APPROVED

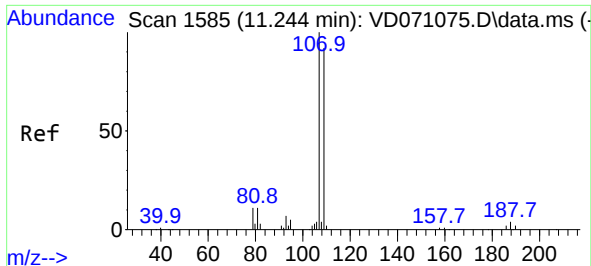
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 19.338 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion:129 Resp: 42730
Ion Ratio Lower Upper
129 100
127 79.7 38.9 116.6





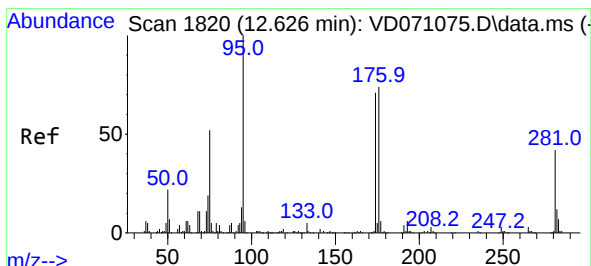
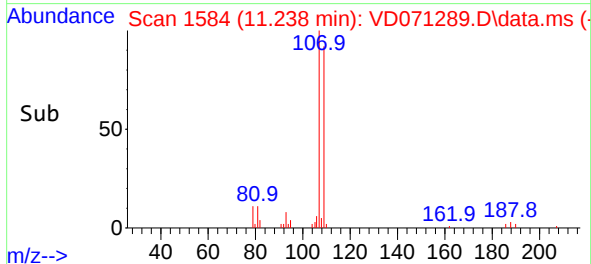
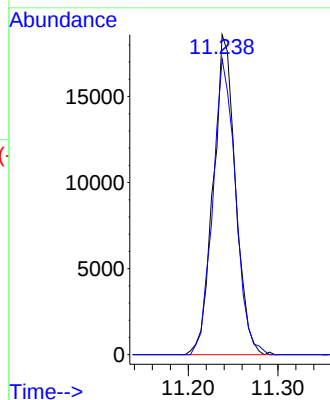
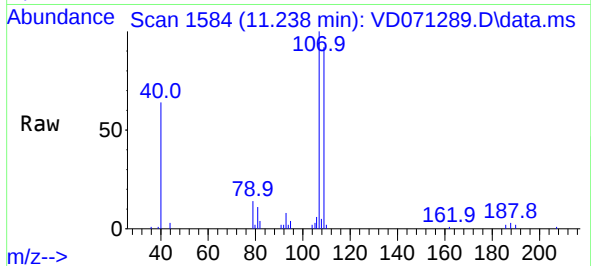
#61
1,2-Dibromoethane
Concen: 18.660 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion:107 Resp: 3186
Ion Ratio Lower Upper
107 100
109 95.4 74.6 112.0

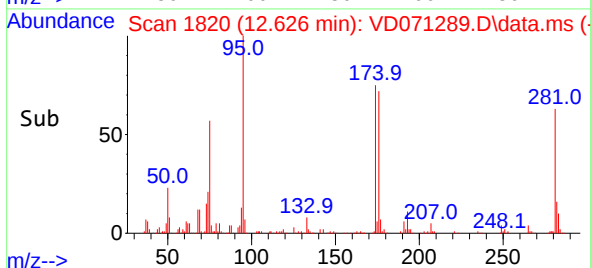
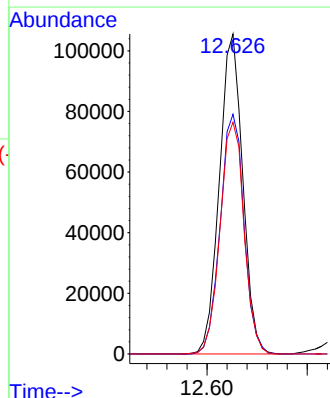
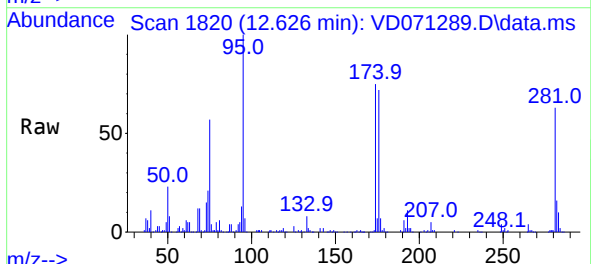
Manual Integrations
APPROVED

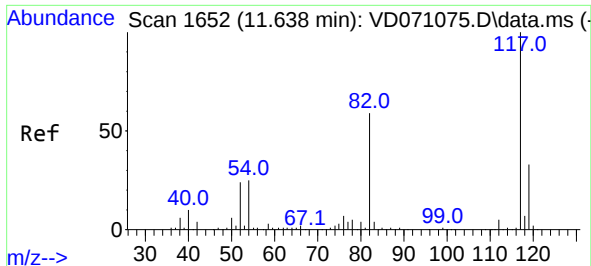
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#62
4-Bromofluorobenzene
Concen: 51.742 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

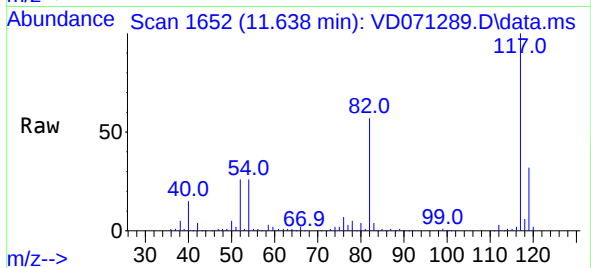
Tgt Ion: 95 Resp: 170055
Ion Ratio Lower Upper
95 100
174 76.3 0.0 159.4
176 74.3 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

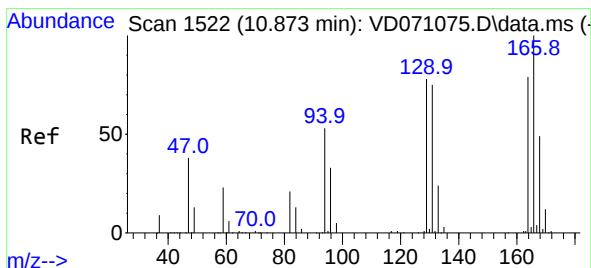
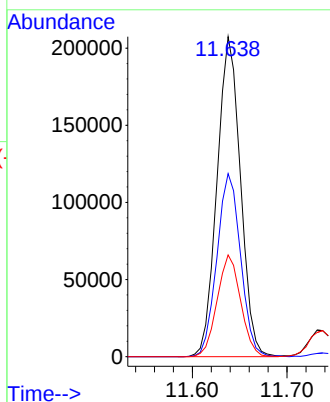
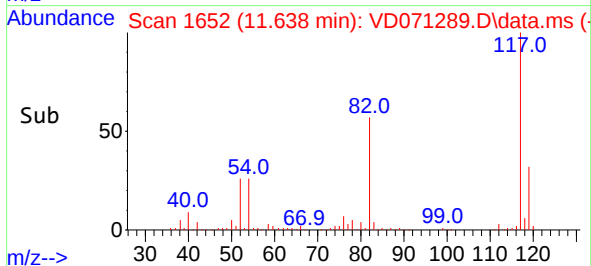
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



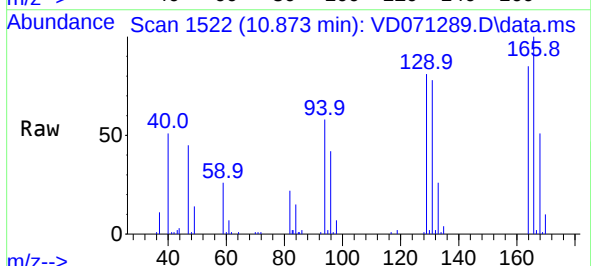
Tgt Ion:117 Resp: 356968
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 31.8 26.2 39.4

Manual Integrations
APPROVED

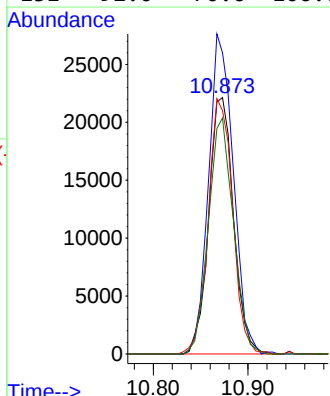
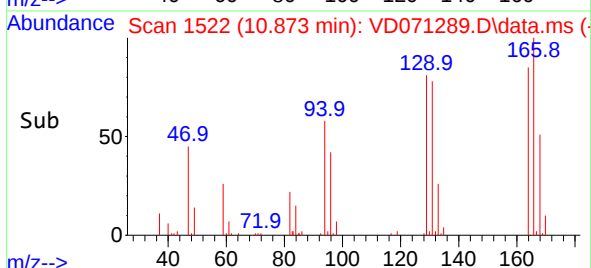
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021

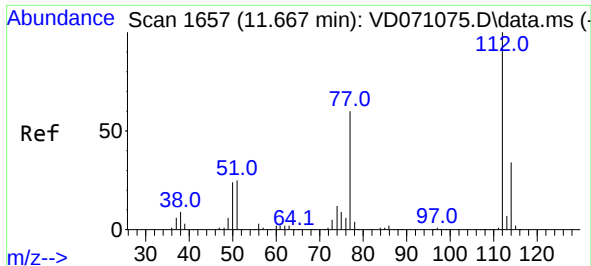


#64
Tetrachloroethene
Concen: 17.733 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



Tgt Ion:164 Resp: 40187
Ion Ratio Lower Upper
164 100
166 117.5 102.6 153.8
129 94.9 75.4 113.0
131 92.0 70.6 106.0





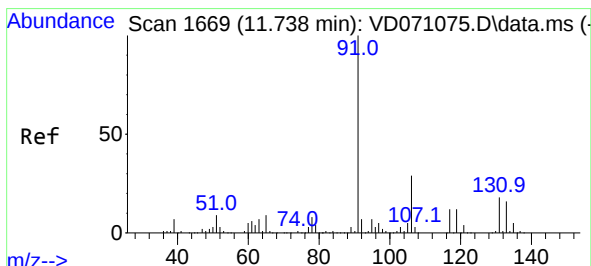
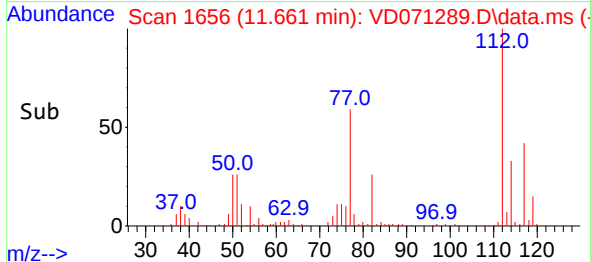
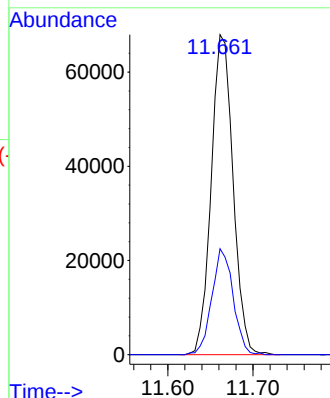
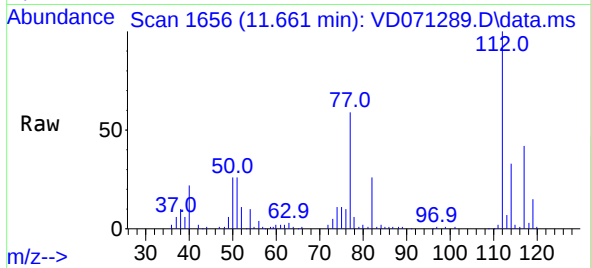
#65
Chlorobenzene
Concen: 18.273 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion:112 Resp: 121025
Ion Ratio Lower Upper
112 100
114 33.1 26.0 39.0

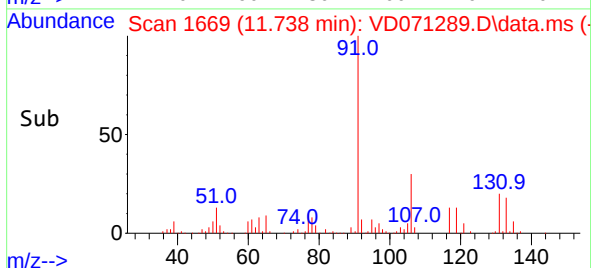
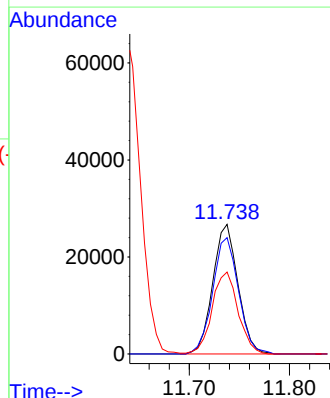
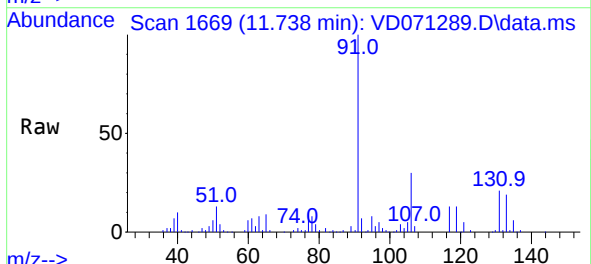
Manual Integrations
APPROVED

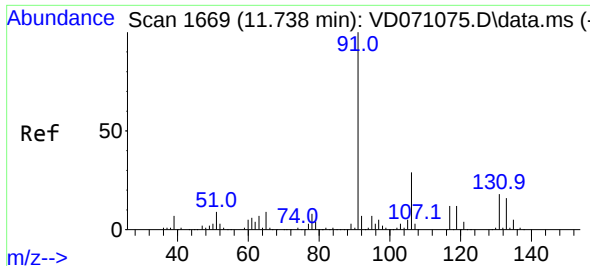
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 19.212 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion:131 Resp: 46461
Ion Ratio Lower Upper
131 100
133 92.2 48.0 144.0
119 65.3 33.5 100.4





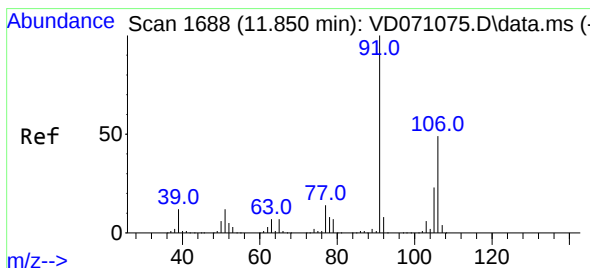
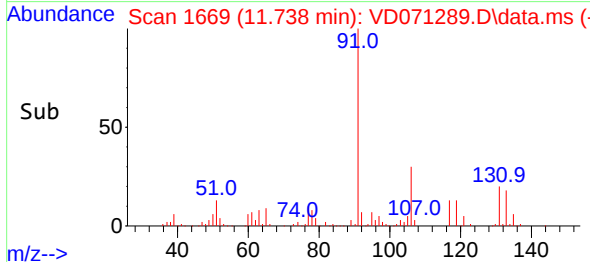
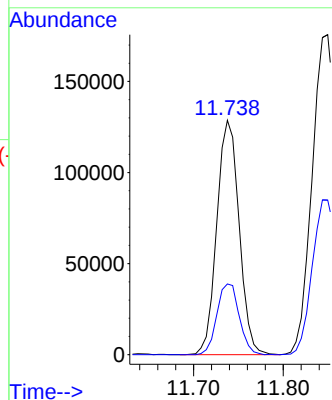
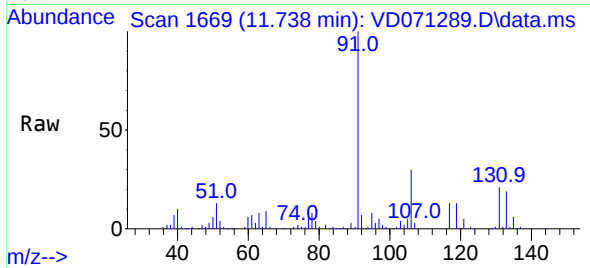
#67
Ethyl Benzene
Concen: 17.829 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 91 Resp: 22230
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8

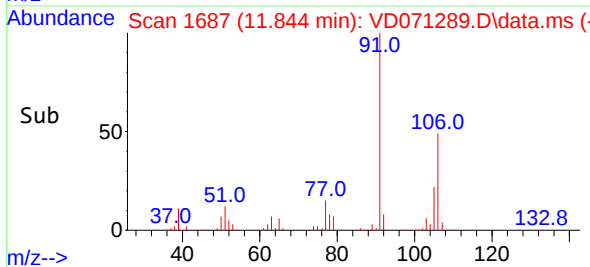
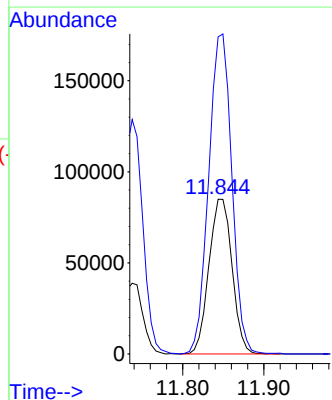
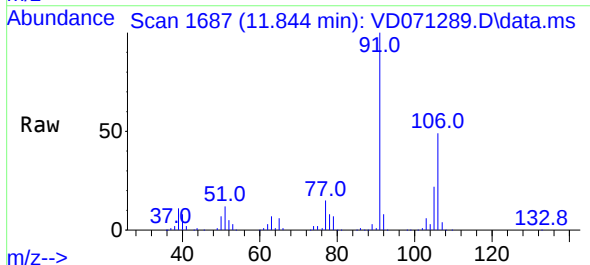
Manual Integrations
APPROVED

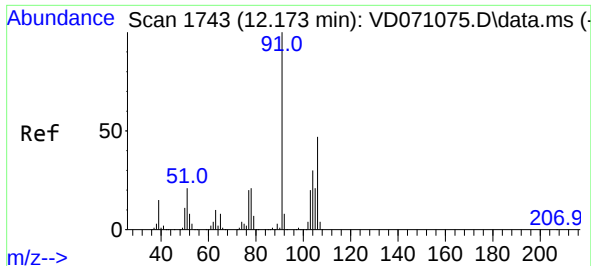
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 35.762 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

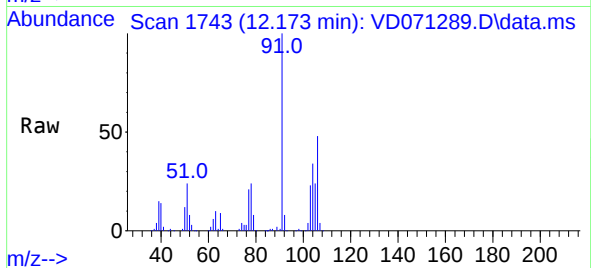
Tgt Ion:106 Resp: 168340
Ion Ratio Lower Upper
106 100
91 207.0 160.1 240.1





#69
o-Xylene
Concen: 17.565 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

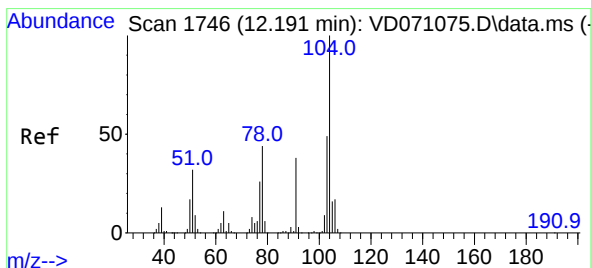
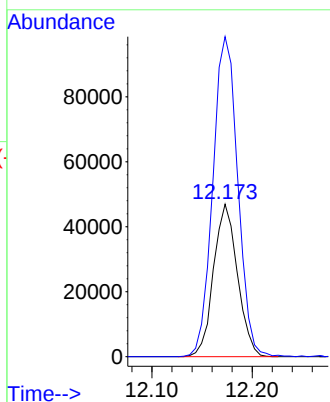
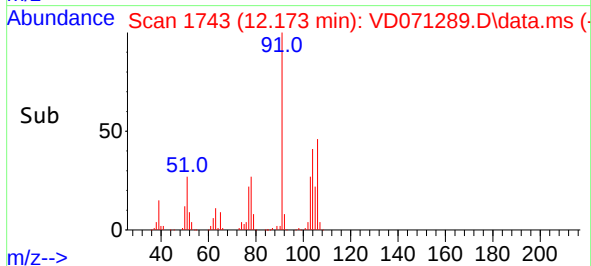
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



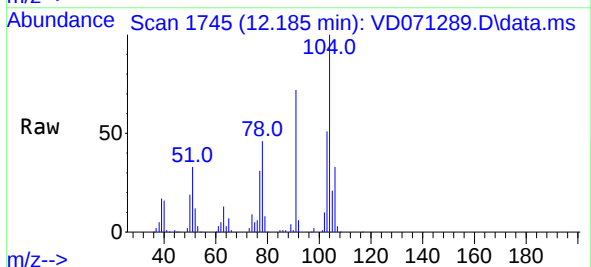
Tgt Ion:106 Resp: 77714
Ion Ratio Lower Upper
106 100
91 219.3 106.3 319.0

Manual Integrations
APPROVED

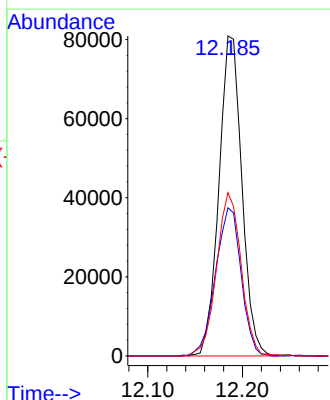
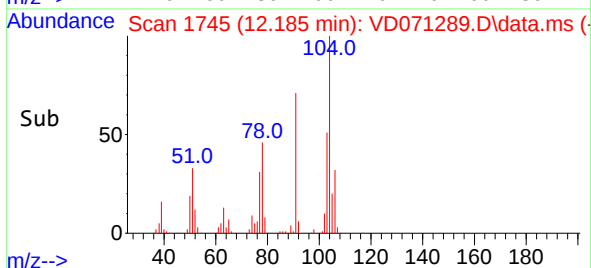
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 18.296 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



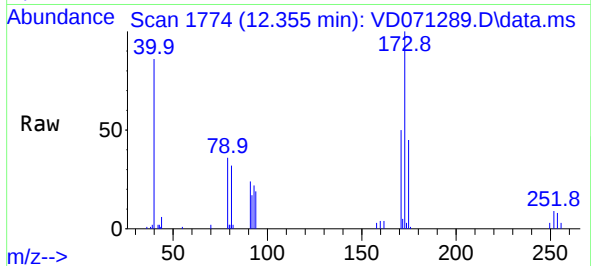
Tgt Ion:104 Resp: 136426
Ion Ratio Lower Upper
104 100
78 51.5 39.4 59.0
103 54.7 43.4 65.0





#71
Bromoform
Concen: 19.769 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

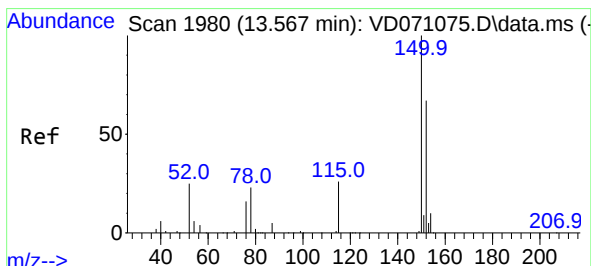
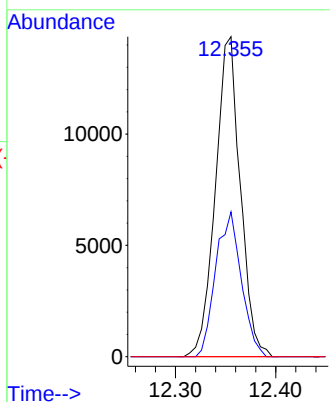
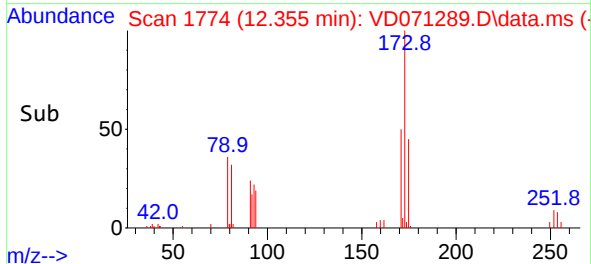
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



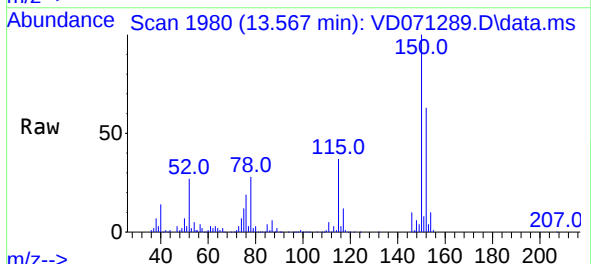
Tgt Ion:173 Resp: 24768
Ion Ratio Lower Upper
173 100
175 46.5 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

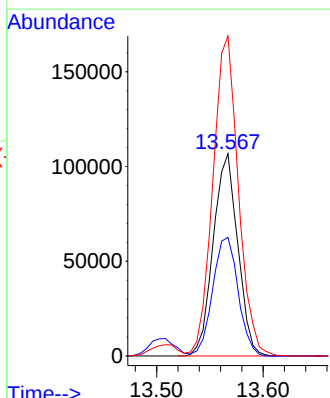
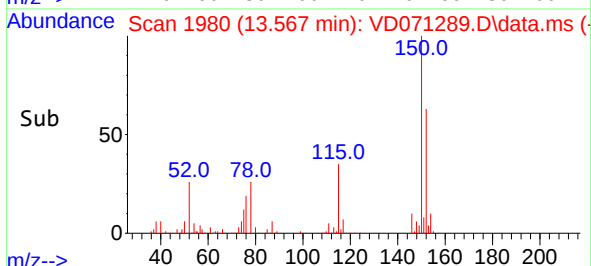
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021

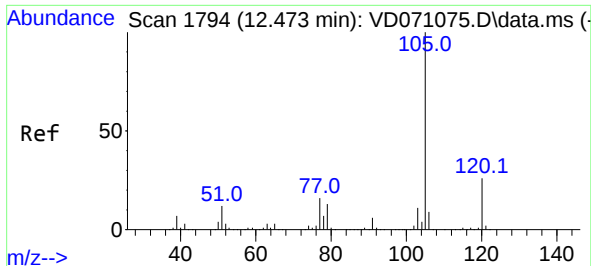


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



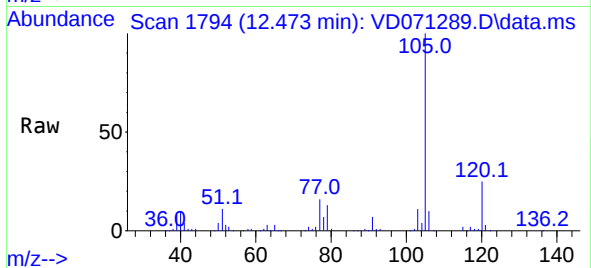
Tgt Ion:152 Resp: 170917
Ion Ratio Lower Upper
152 100
115 60.8 29.8 89.3
150 164.1 0.0 349.2





#73
Isopropylbenzene
Concen: 16.942 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

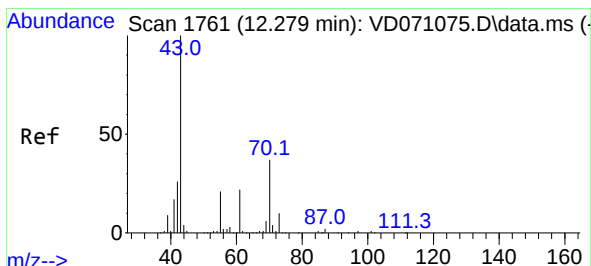
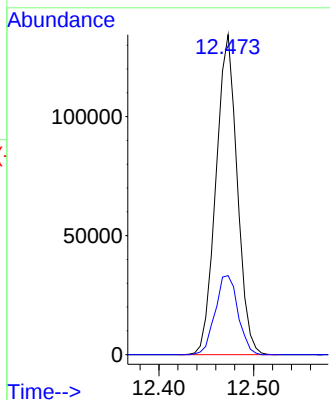
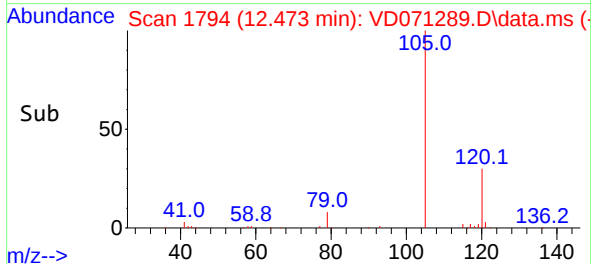
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



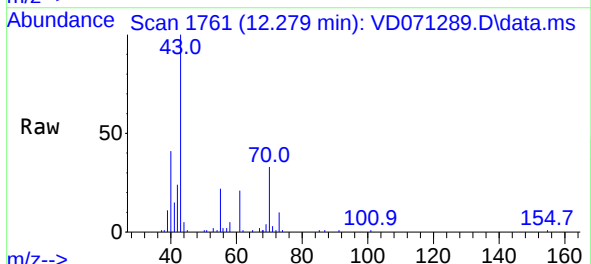
Tgt Ion:105 Resp: 20967
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5

Manual Integrations
APPROVED

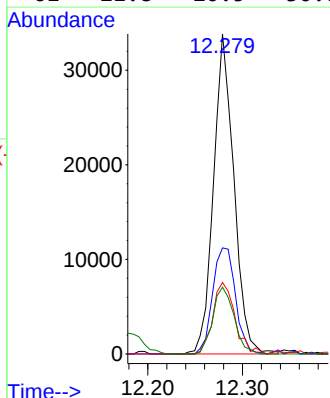
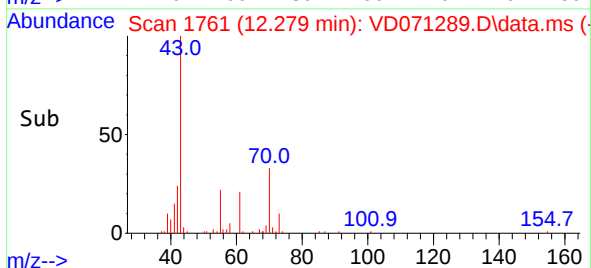
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021

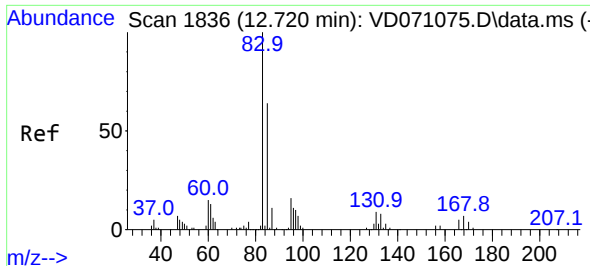


#74
N-ethyl acetate
Concen: 18.951 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



Tgt Ion: 43 Resp: 50671
Ion Ratio Lower Upper
43 100
70 37.0 36.6 55.0
55 24.1 22.5 33.7
61 21.8 20.5 30.7





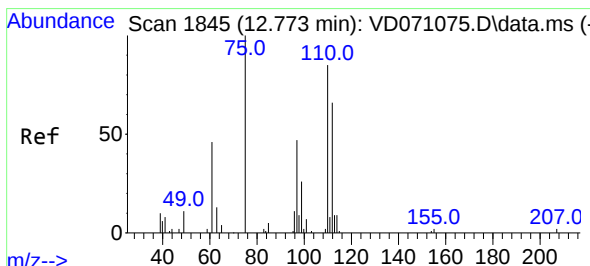
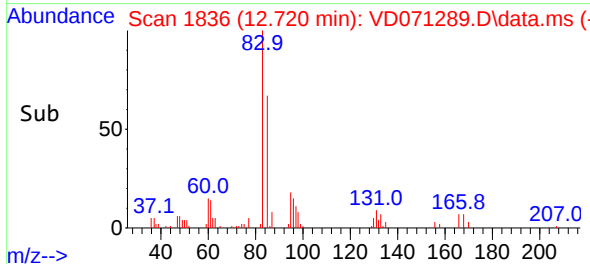
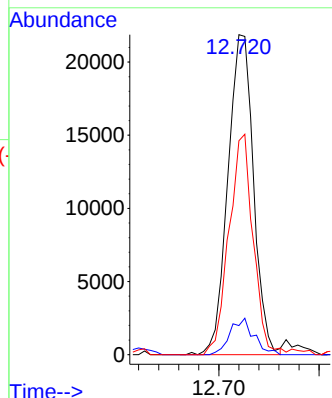
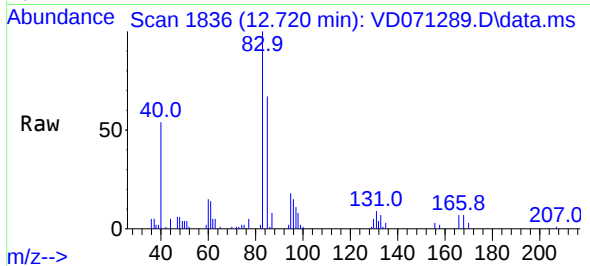
#75
1,1,2,2-Tetrachloroethane
Concen: 19.085 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 83 Resp: 38890
Ion Ratio Lower Upper
83 100
131 10.6 4.9 14.7
85 65.0 32.0 96.2

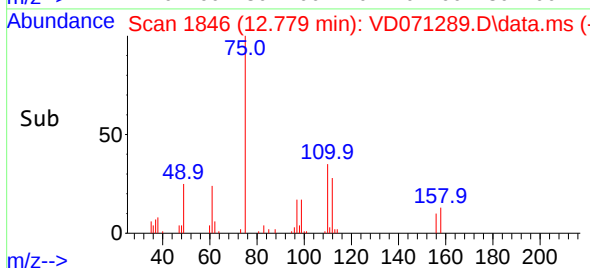
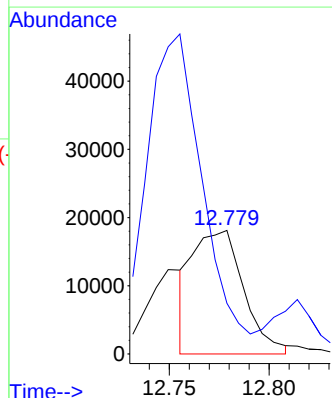
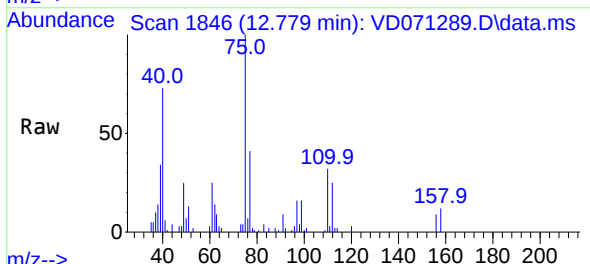
Manual Integrations
APPROVED

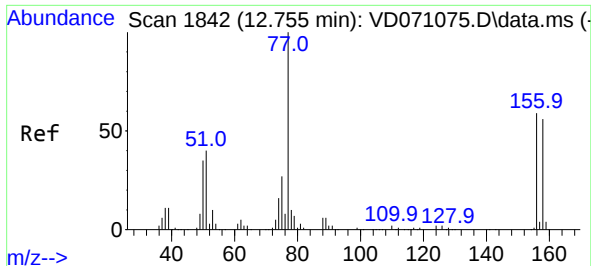
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#76
1,2,3-Trichloropropane
Concen: 19.798 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

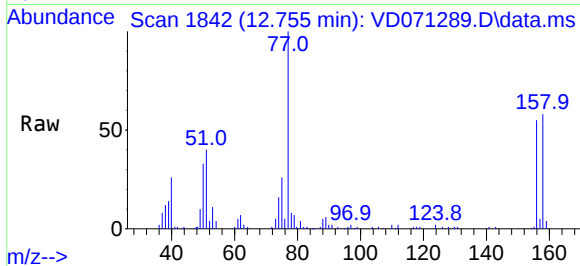
Tgt Ion: 75 Resp: 32239
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 17.711 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

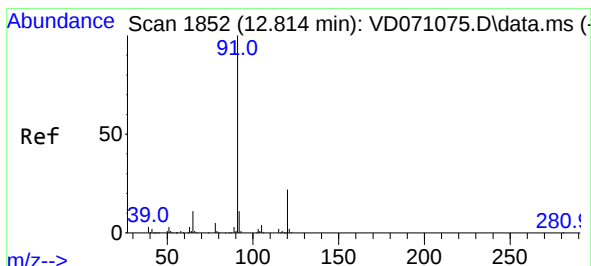
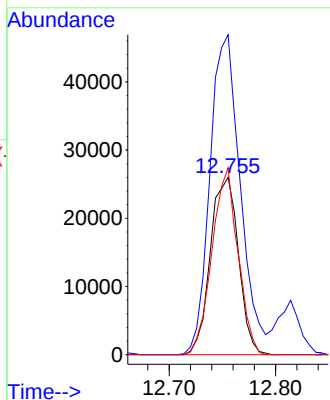
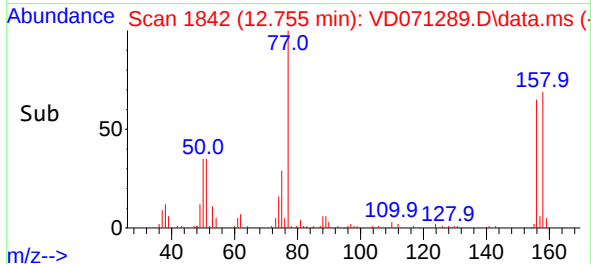
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



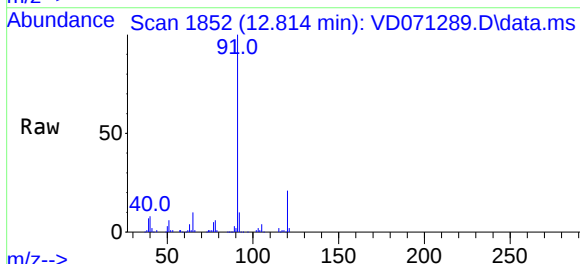
Tgt Ion:156 Resp: 47475
Ion Ratio Lower Upper
156 100
77 195.2 96.6 289.8
158 97.6 49.1 147.4

Manual Integrations
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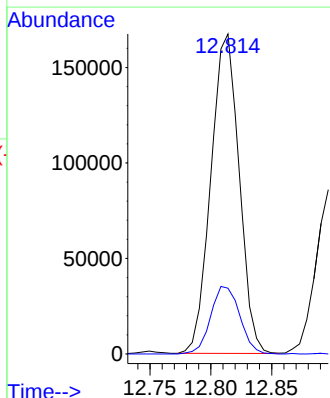
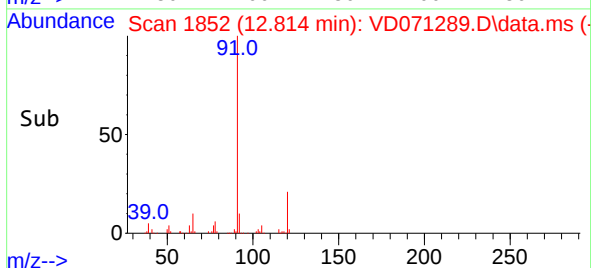
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021

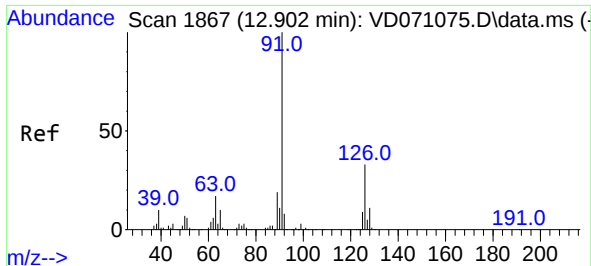


#78
n-propylbenzene
Concen: 17.531 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



Tgt Ion: 91 Resp: 270182
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





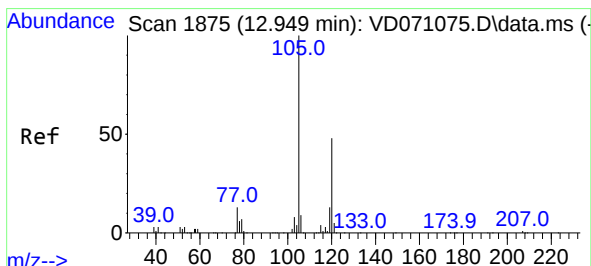
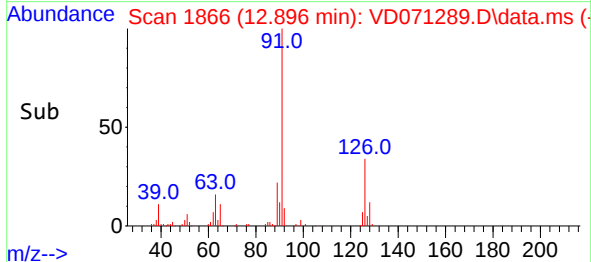
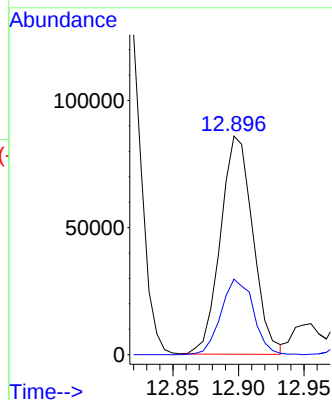
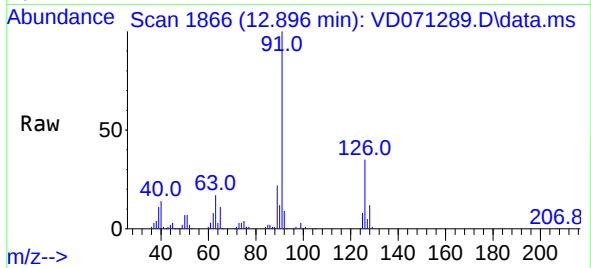
#79
2-Chlorotoluene
Concen: 17.045 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 91 Resp: 147439
Ion Ratio Lower Upper
91 100
126 34.6 16.6 49.7

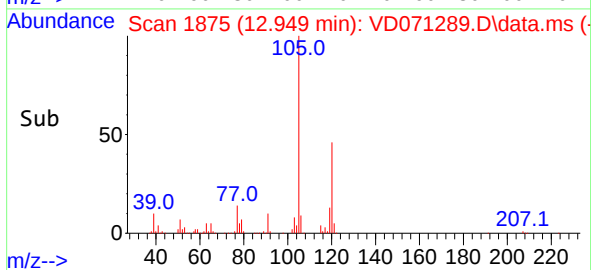
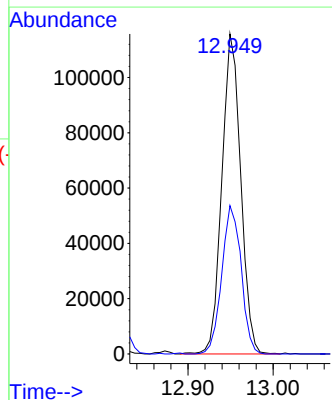
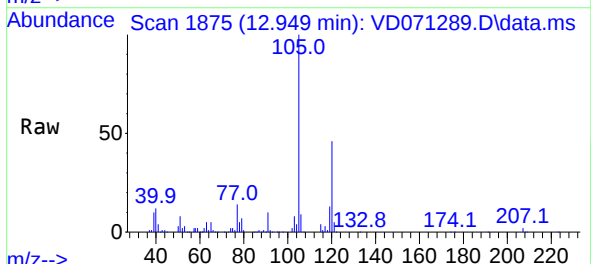
Manual Integrations
APPROVED

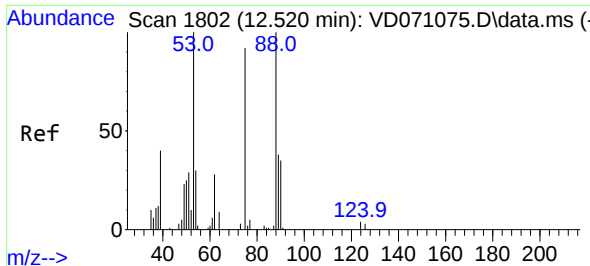
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 17.481 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion:105 Resp: 178399
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.8





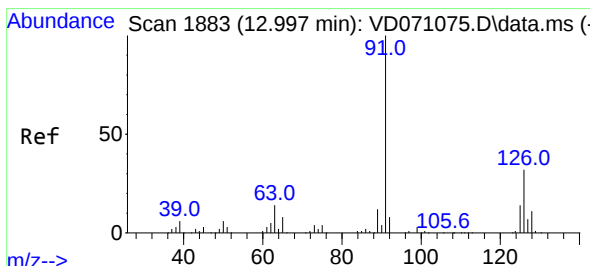
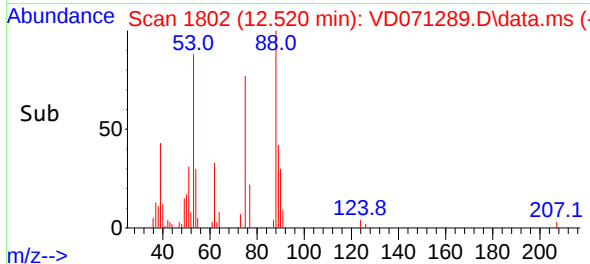
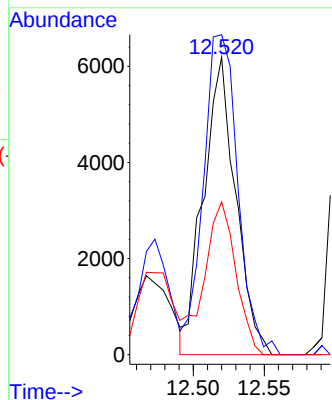
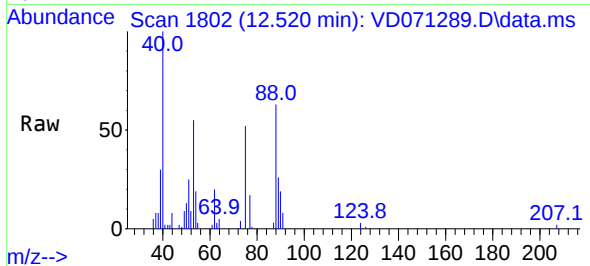
#81
trans-1,4-Dichloro-2-butene
Concen: 18.161 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 75 Resp: 975
Ion Ratio Lower Upper
75 100
53 115.1 62.6 94.0
89 44.7 34.5 51.7

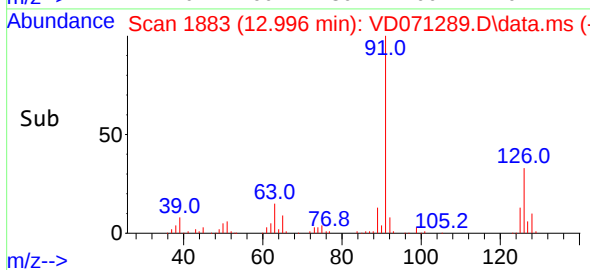
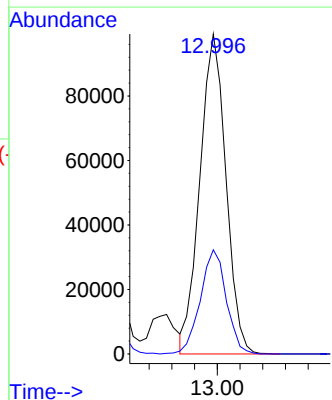
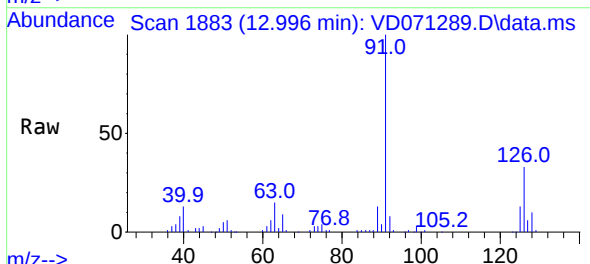
Manual Integrations
APPROVED

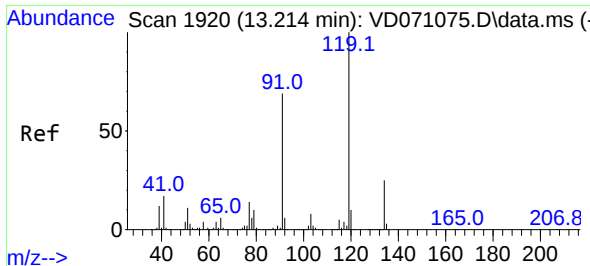
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 17.575 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

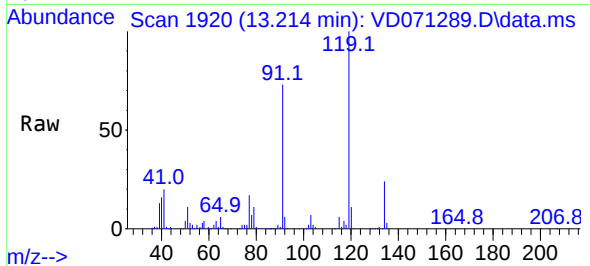
Tgt Ion: 91 Resp: 157828
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.1





#83
tert-Butylbenzene
Concen: 16.876 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

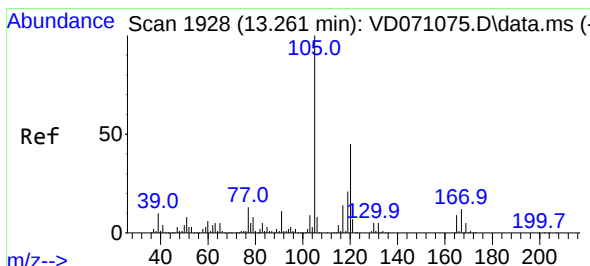
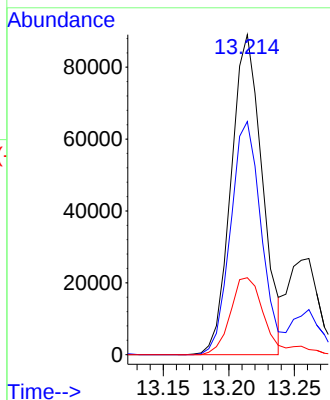
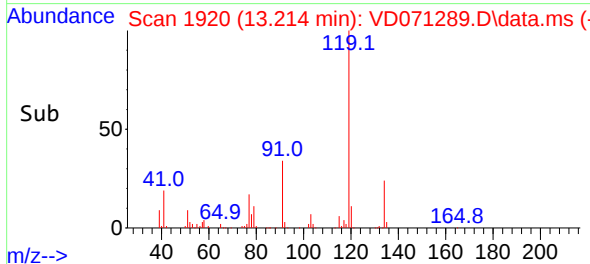
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



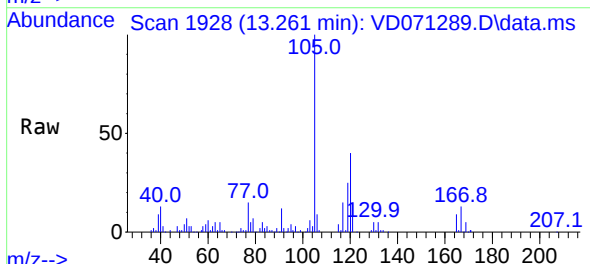
Tgt Ion:119 Resp: 147900
Ion Ratio Lower Upper
119 100
91 72.3 32.5 97.5
134 27.0 13.2 39.6

Manual Integrations
APPROVED

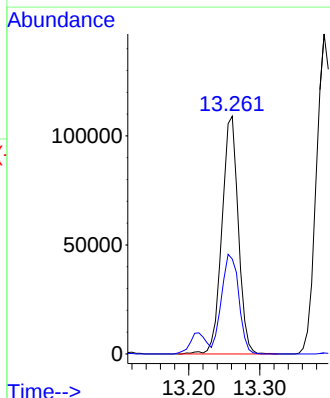
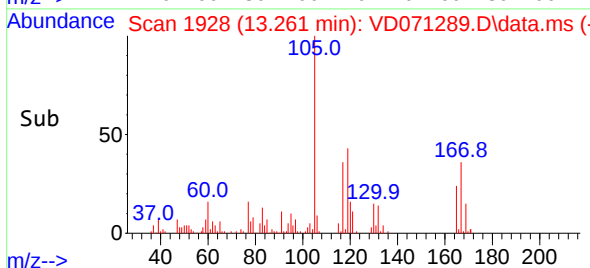
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021

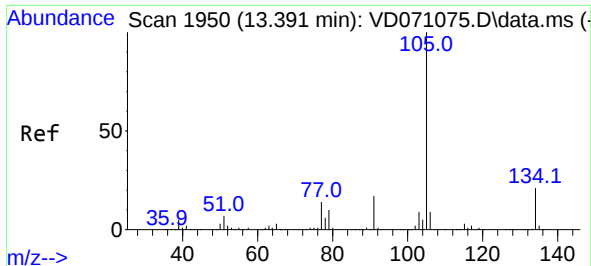


#84
1,2,4-Trimethylbenzene
Concen: 17.436 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



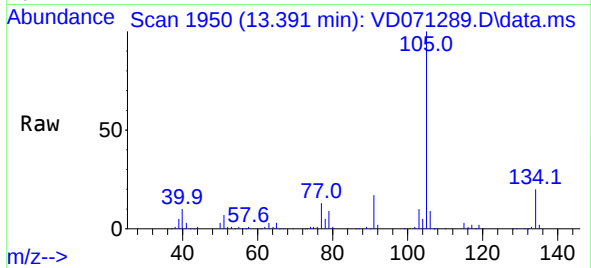
Tgt Ion:105 Resp: 173727
Ion Ratio Lower Upper
105 100
120 44.2 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 17.304 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071289.D
 Acq: 13 Dec 2021 11:26

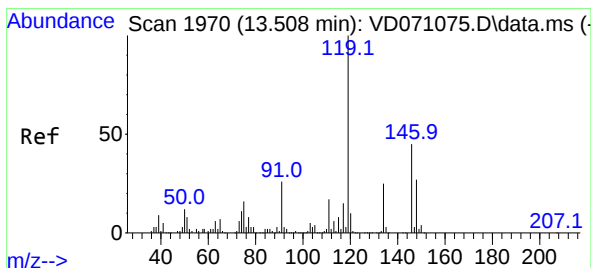
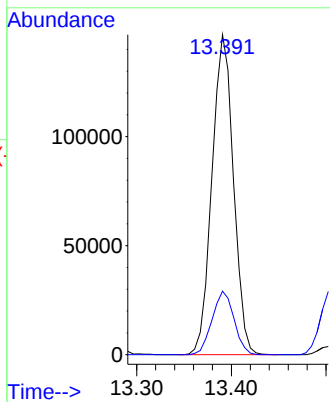
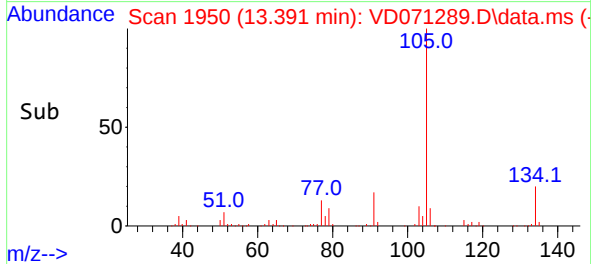
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBS01



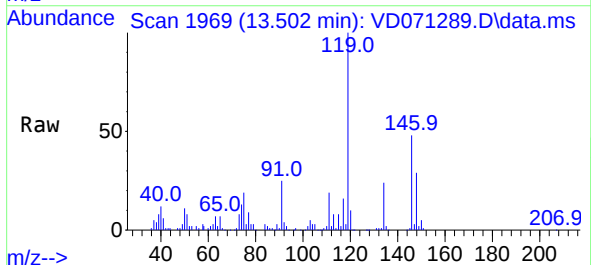
Tgt Ion:105 Resp: 231630
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.7 28.9

Manual Integrations
 APPROVED

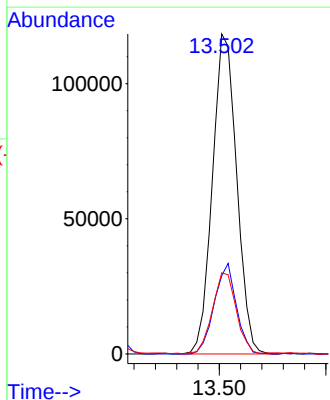
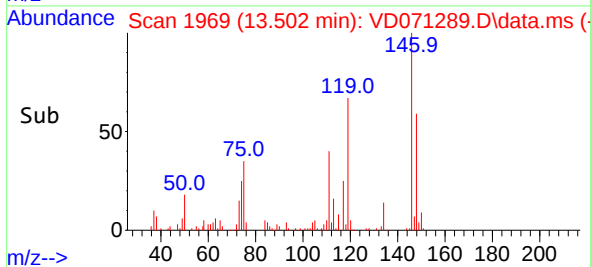
Reviewed By :Semsettin Yesilyurt 12/14/2021
 Supervised By :Mahesh Dadoda 12/15/2021

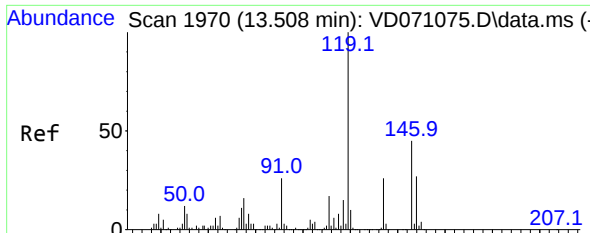


#86
 p-Isopropyltoluene
 Concen: 17.066 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD071289.D
 Acq: 13 Dec 2021 11:26



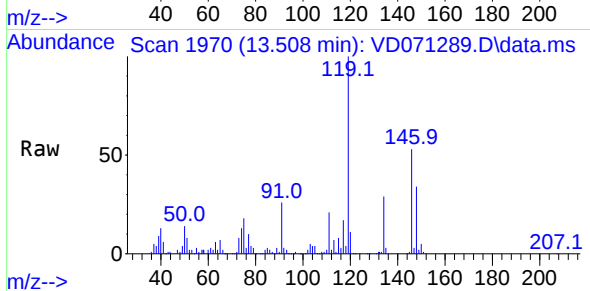
Tgt Ion:119 Resp: 186850
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 25.0 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 18.543 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

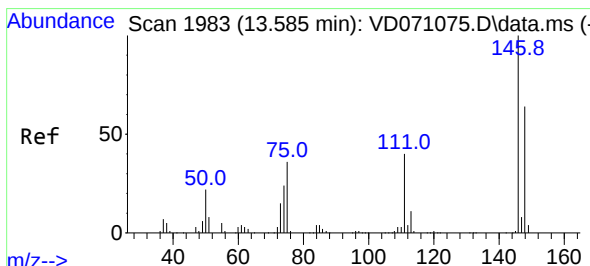
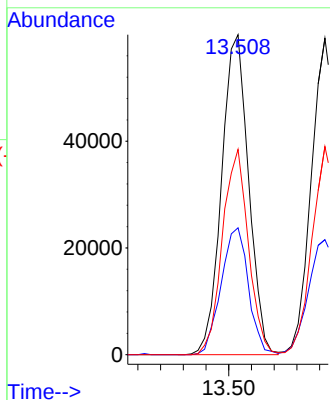
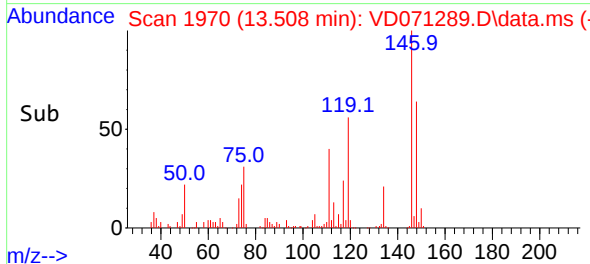
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



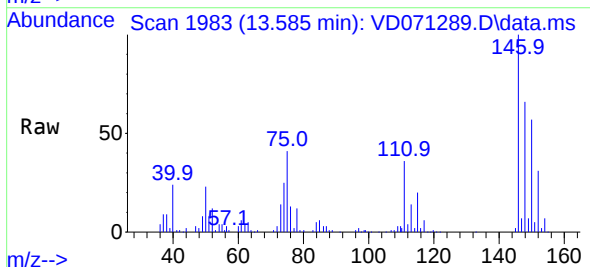
Tgt Ion:146 Resp: 98945
Ion Ratio Lower Upper
146 100
111 40.2 19.8 59.4
148 61.8 32.1 96.3

Manual Integrations
APPROVED

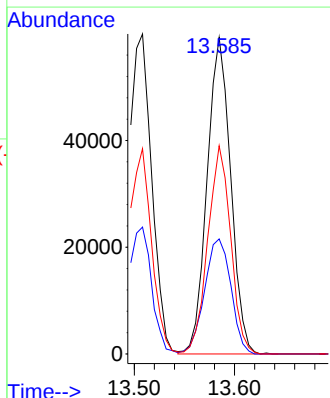
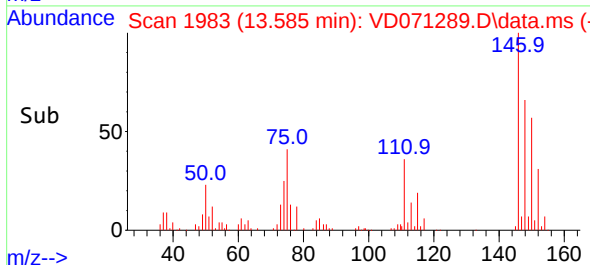
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021

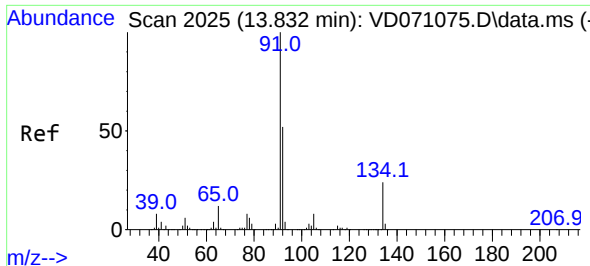


#88
1,4-Dichlorobenzene
Concen: 18.353 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



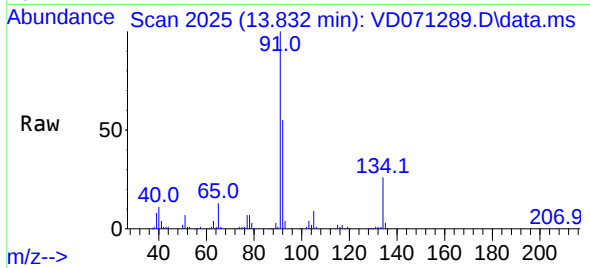
Tgt Ion:146 Resp: 97029
Ion Ratio Lower Upper
146 100
111 40.6 19.6 58.8
148 63.9 31.5 94.5





#89
n-Butylbenzene
Concen: 17.257 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

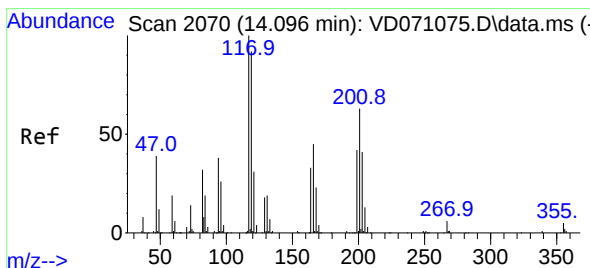
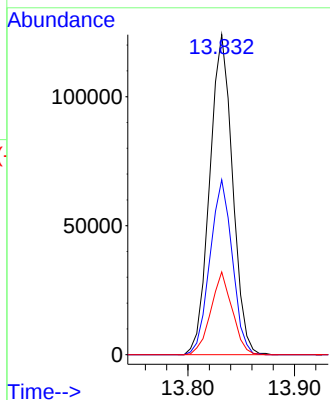
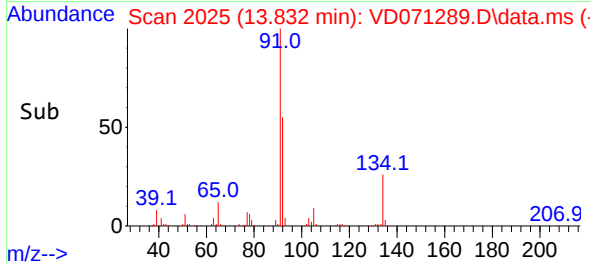
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion: 91 Resp: 184439
Ion Ratio Lower Upper
91 100
92 53.5 27.3 81.9
134 24.3 12.3 36.9

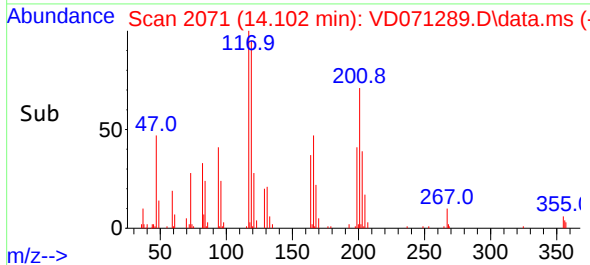
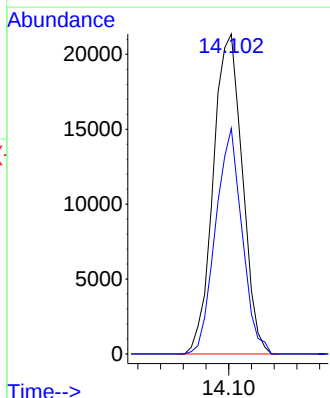
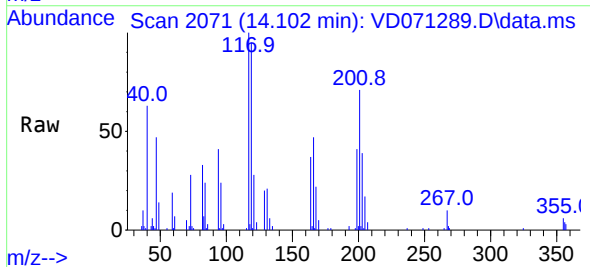
Manual Integrations
APPROVED

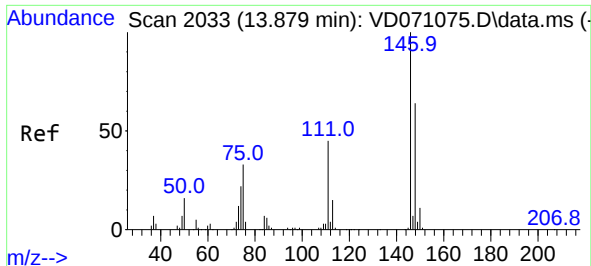
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 18.288 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Tgt Ion:117 Resp: 37957
Ion Ratio Lower Upper
117 100
201 64.4 36.0 108.1





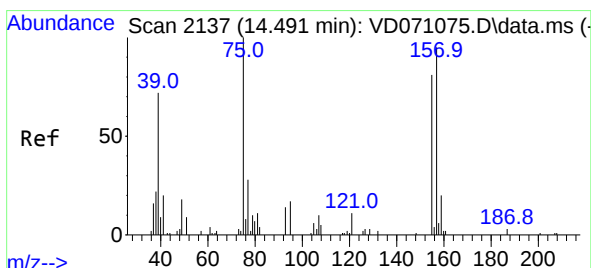
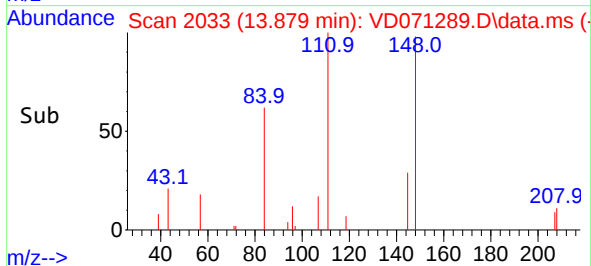
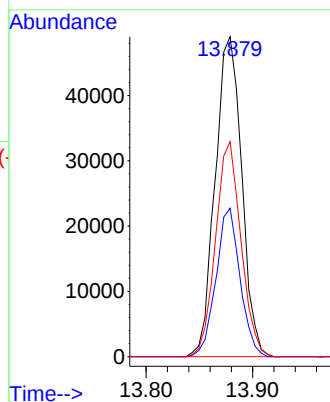
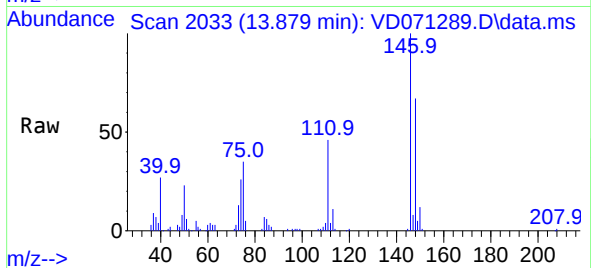
#91
1,2-Dichlorobenzene
Concen: 18.641 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion:146 Resp: 84589
Ion Ratio Lower Upper
146 100
111 42.2 20.8 62.2
148 64.5 31.7 95.1

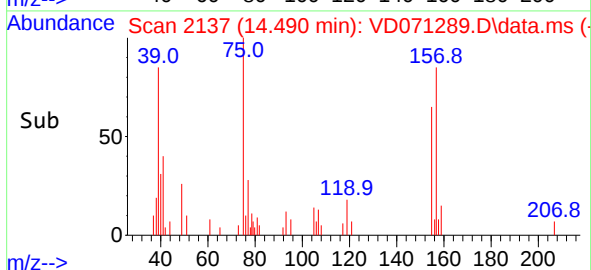
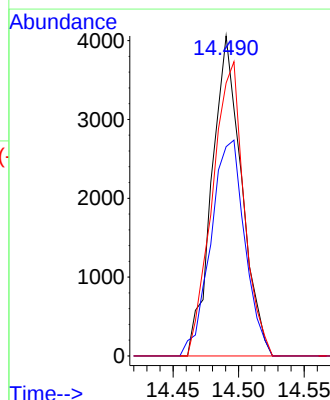
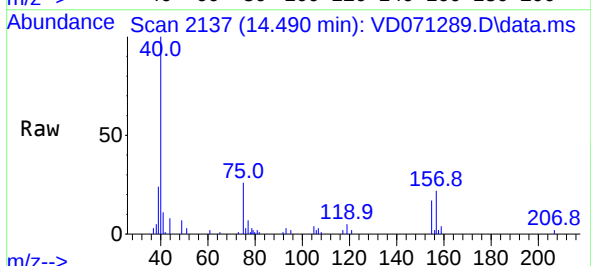
Manual Integrations
APPROVED

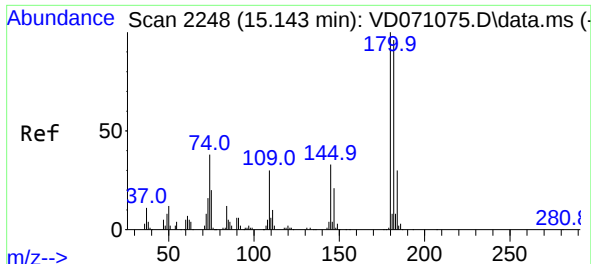
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.256 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

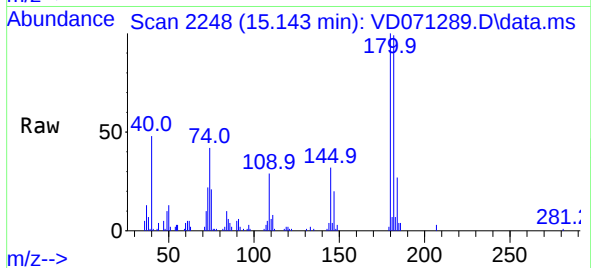
Tgt Ion: 75 Resp: 6391
Ion Ratio Lower Upper
75 100
155 77.3 40.0 120.0
157 97.8 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 17.203 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

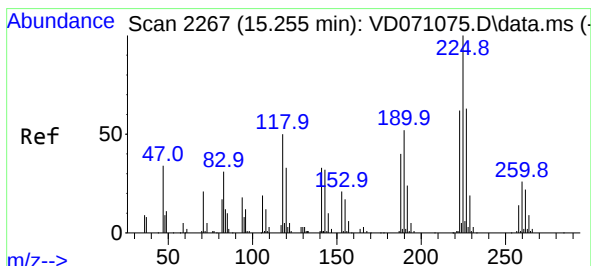
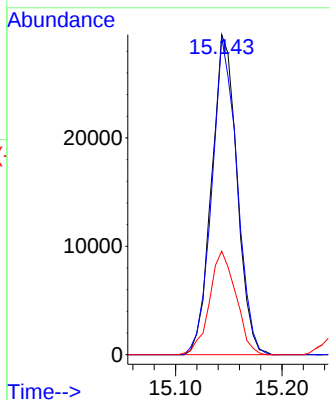
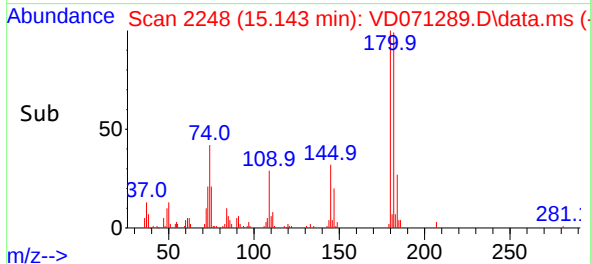
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



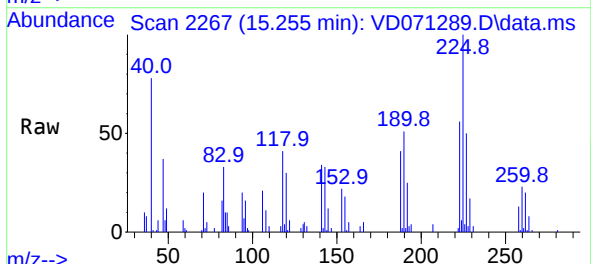
Tgt Ion:180 Resp: 4869
Ion Ratio Lower Upper
180 100
182 98.7 48.2 144.6
145 33.8 15.4 46.2

Manual Integrations
APPROVED

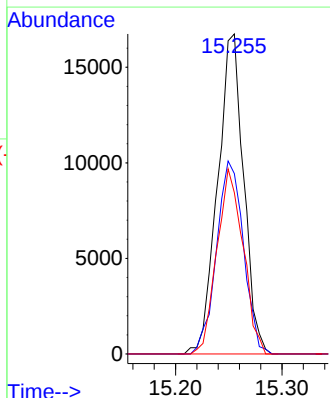
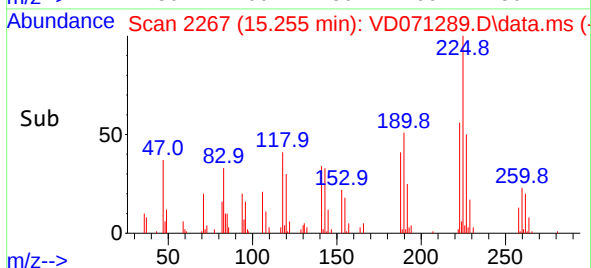
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#94
Hexachlorobutadiene
Concen: 17.722 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



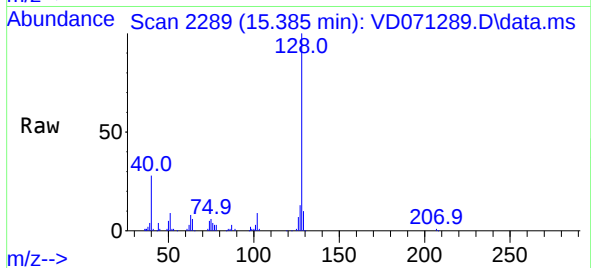
Tgt Ion:225 Resp: 28383
Ion Ratio Lower Upper
225 100
223 62.5 31.8 95.3
227 58.1 31.6 94.8





#95
Naphthalene
Concen: 17.031 ug/l
RT: 15.385 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26

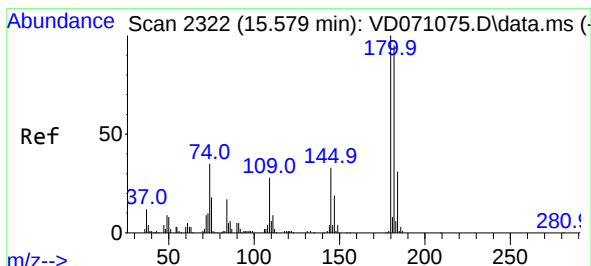
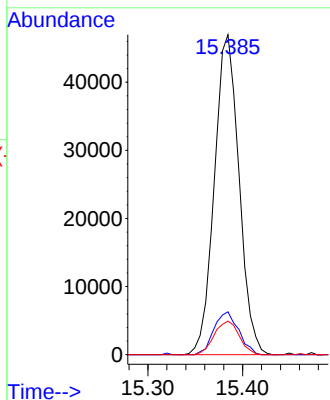
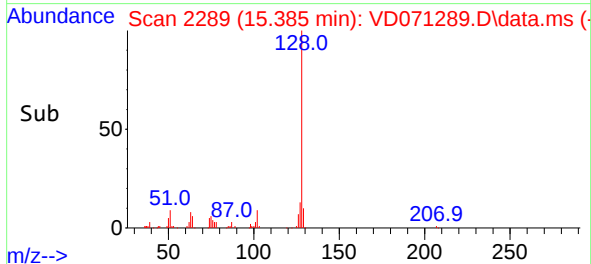
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



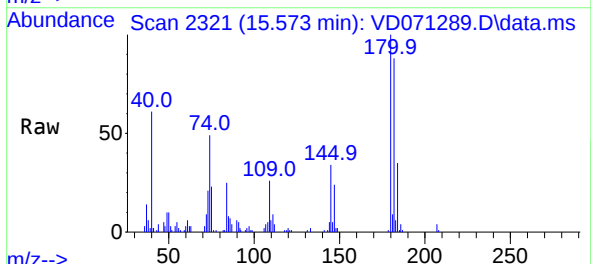
Tgt Ion:128 Resp: 84984
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 17.064 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD071289.D
Acq: 13 Dec 2021 11:26



Tgt Ion:180 Resp: 41024
Ion Ratio Lower Upper
180 100
182 97.3 46.7 140.1
145 36.2 15.9 47.6

