

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071404.D
 Acq On : 21 Dec 2021 11:04
 Operator : VA/SY
 Sample : VD1221SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS01

Quant Time: Dec 21 19:04:13 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 12/22/2021
 Supervised By : Amit Patel 12/24/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	295427	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	504819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	465492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	232658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	180373	52.033	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.060%			
35) Dibromofluoromethane	7.914	113	170399	53.007	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.020%			
50) Toluene-d8	10.332	98	571554	46.721	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.440%			
62) 4-Bromofluorobenzene	12.620	95	221779	52.300	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	51007	20.246	ug/l	98
3) Chloromethane	2.215	50	63583	19.077	ug/l	91
4) Vinyl Chloride	2.350	62	75384	20.273	ug/l	99
5) Bromomethane	2.762	94	56934	21.240	ug/l	95
6) Chloroethane	2.926	64	51742	20.231	ug/l	99
7) Trichlorofluoromethane	3.273	101	105324	20.909	ug/l	98
8) Diethyl Ether	3.709	74	29371	21.508	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	62029	20.872	ug/l	94
10) Methyl Iodide	4.309	142	47687	17.105	ug/l	94
11) Tert butyl alcohol	5.209	59	29278m	77.977	ug/l	
12) 1,1-Dichloroethene	4.073	96	53546	19.524	ug/l	90
13) Acrolein	3.920	56	17287	72.975	ug/l	95
14) Allyl chloride	4.709	41	101841	19.550	ug/l #	78
15) Acrylonitrile	5.426	53	76659	115.428	ug/l	97
16) Acetone	4.156	43	78270	105.353	ug/l	93
17) Carbon Disulfide	4.415	76	133768	16.659	ug/l	95
18) Methyl Acetate	4.720	43	62593	24.473	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	144568	21.509	ug/l	91
20) Methylene Chloride	4.967	84	89023	23.212	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	63617	20.607	ug/l	95
22) Diisopropyl ether	6.367	45	221471	21.220	ug/l	93
23) Vinyl Acetate	6.309	43	403582	90.939	ug/l	98
24) 1,1-Dichloroethane	6.261	63	126361	21.049	ug/l	98
25) 2-Butanone	7.214	43	102935	114.199	ug/l #	84
26) 2,2-Dichloropropane	7.203	77	101382	18.572	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	72783	20.839	ug/l	94
28) Bromochloromethane	7.538	49	61604	23.626	ug/l	91
29) Tetrahydrofuran	7.561	42	62022	112.676	ug/l	94
30) Chloroform	7.708	83	127544	21.170	ug/l	91
31) Cyclohexane	7.985	56	112181	19.025	ug/l	86
32) 1,1,1-Trichloroethane	7.897	97	110944	20.511	ug/l	94
36) 1,1-Dichloropropene	8.108	75	94515	20.032	ug/l	97
37) Ethyl Acetate	7.285	43	45856	22.500	ug/l #	93
38) Carbon Tetrachloride	8.097	117	95773	20.592	ug/l	93
39) Methylcyclohexane	9.350	83	106568	18.779	ug/l	96
40) Benzene	8.350	78	254558	19.863	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	26793	29.572	ug/l #	76
42) 1,2-Dichloroethane	8.420	62	86887	22.210	ug/l	95
43) Isopropyl Acetate	8.444	43	90289	23.253	ug/l #	89
44) Trichloroethene	9.108	130	70662	20.679	ug/l	95
45) 1,2-Dichloropropane	9.385	63	69899	20.739	ug/l	95
46) Dibromomethane	9.473	93	38138	21.811	ug/l	94
47) Bromodichloromethane	9.655	83	100599	21.754	ug/l	95
48) Methyl methacrylate	9.450	41	41882	20.994	ug/l #	82
49) 1,4-Dioxane	9.455	88	8450	500.610	ug/l	87
51) 4-Methyl-2-Pentanone	10.226	43	223942	116.147	ug/l	93
52) Toluene	10.397	92	168313	20.699	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	85410	20.088	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	104945	20.780	ug/l #	76
55) 1,1,2-Trichloroethane	10.797	97	51104	22.278	ug/l	95
56) Ethyl methacrylate	10.655	69	63766	22.974	ug/l #	78
57) 1,3-Dichloropropane	10.938	76	88670	22.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	211044	135.201	ug/l	99
59) 2-Hexanone	10.979	43	154857	111.632	ug/l	90
60) Dibromochloromethane	11.132	129	62310	21.856	ug/l	99
61) 1,2-Dibromoethane	11.238	107	47818	21.705	ug/l	98
64) Tetrachloroethene	10.873	164	57417	19.429	ug/l	96
65) Chlorobenzene	11.661	112	171738	19.884	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	64133	20.337	ug/l	98
67) Ethyl Benzene	11.738	91	318248	19.574	ug/l	97
68) m/p-Xylenes	11.844	106	242638	39.528	ug/l	99
69) o-Xylene	12.173	106	111342	19.299	ug/l	94
70) Styrene	12.185	104	193830	19.934	ug/l	96
71) Bromoform	12.355	173	35035	21.445	ug/l #	96
73) Isopropylbenzene	12.473	105	302708	17.969	ug/l	99
74) N-amyl acetate	12.279	43	75974	20.295	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	58649	21.141	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	39925m	18.011	ug/l	
77) Bromobenzene	12.749	156	68850	18.869	ug/l	96
78) n-propylbenzene	12.814	91	387696	18.480	ug/l	98
79) 2-Chlorotoluene	12.896	91	217565	18.477	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	249201	17.939	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	15864	20.579	ug/l #	71
82) 4-Chlorotoluene	12.996	91	221512	18.121	ug/l	96
83) tert-Butylbenzene	13.214	119	220891	18.515	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	252544	18.621	ug/l	98
85) sec-Butylbenzene	13.391	105	336941	18.491	ug/l	99
86) p-Isopropyltoluene	13.508	119	276938	18.582	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	142190	19.575	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	136788	19.008	ug/l	98
89) n-Butylbenzene	13.832	91	272830	18.753	ug/l	98
90) Hexachloroethane	14.102	117	53595	18.970	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	119640	19.368	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	9782	21.652	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	71897	18.660	ug/l	99
94) Hexachlorobutadiene	15.249	225	39929	18.315	ug/l	98
95) Naphthalene	15.385	128	129967	19.134	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	61109	18.673	ug/l	95

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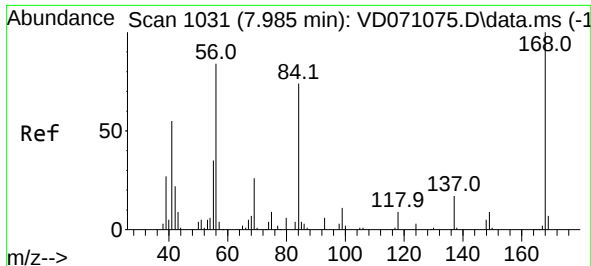
Manual Integrations
APPROVED

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 Supervised By :Amit Patel 12/24/2021

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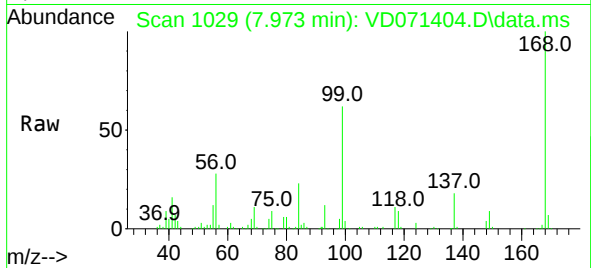
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071404.D
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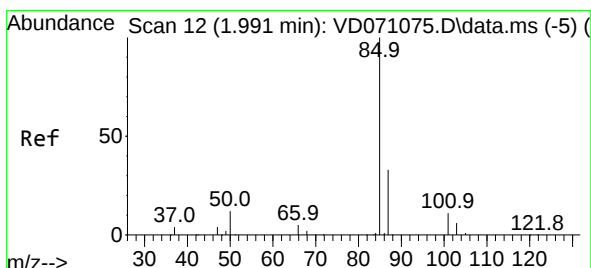
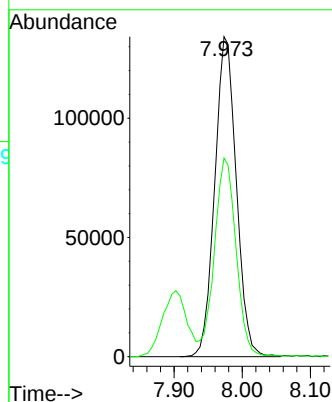
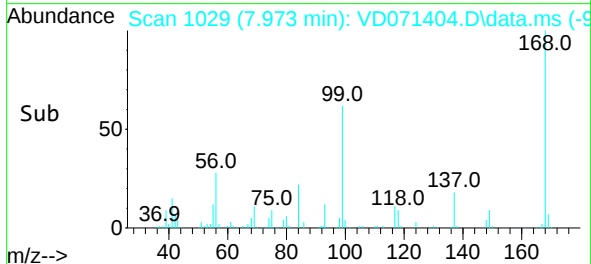
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



Tgt Ion:168 Resp: 29542
Ion Ratio Lower Upper
168 100
99 61.7 46.6 69.8

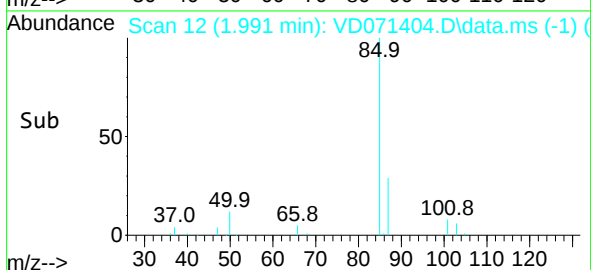
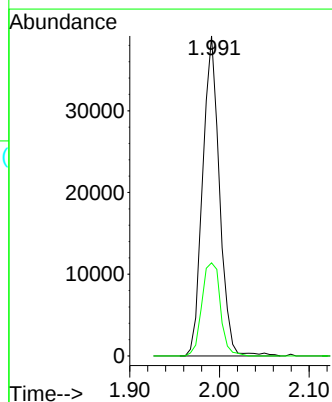
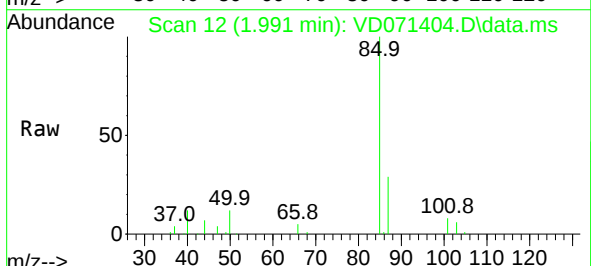
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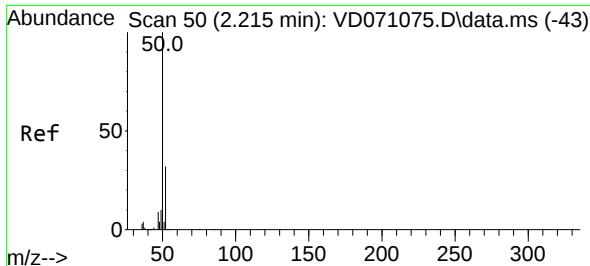
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#2
Dichlorodifluoromethane
Concen: 20.246 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

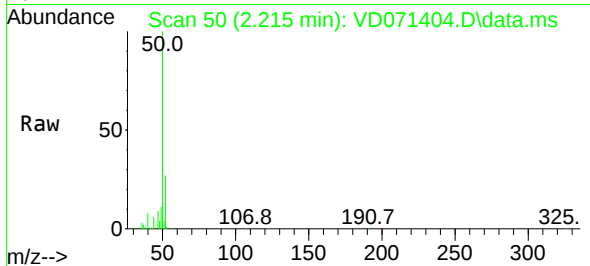
Tgt Ion: 85 Resp: 51007
Ion Ratio Lower Upper
85 100
87 29.1 15.2 45.6





#3
Chloromethane
Concen: 19.077 ug/l
RT: 2.215 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

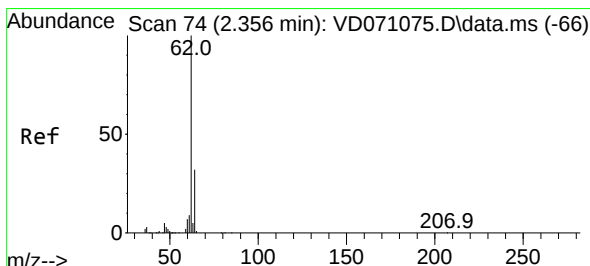
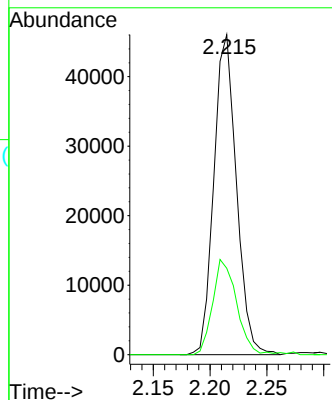
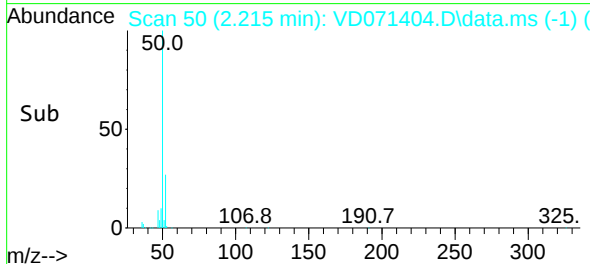
Instrument :
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ClientSampleId :
VD1221SBS01



Tgt Ion: 50 Resp: 6358
Ion Ratio Lower Upper
50 100
52 27.0 25.8 38.8

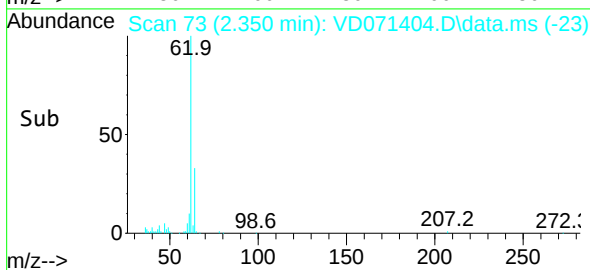
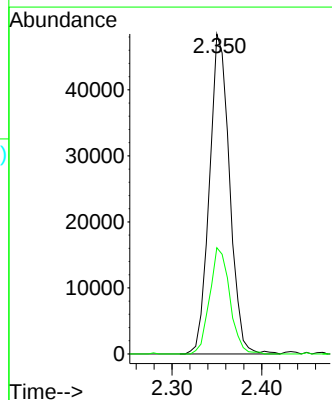
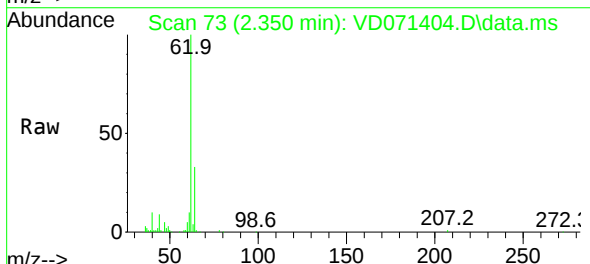
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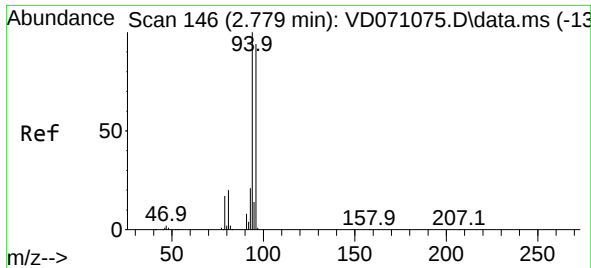
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#4
Vinyl Chloride
Concen: 20.273 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

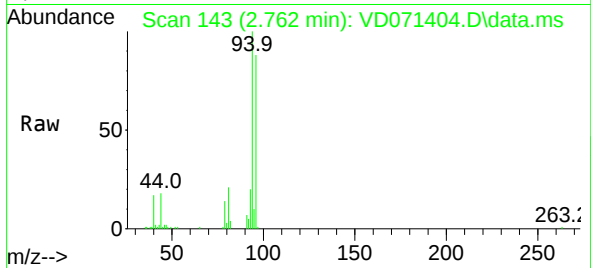
Tgt Ion: 62 Resp: 75384
Ion Ratio Lower Upper
62 100
64 33.2 26.0 39.0





#5
Bromomethane
Concen: 21.240 ug/l
RT: 2.762 min Scan# 146
Delta R.T. -0.017 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

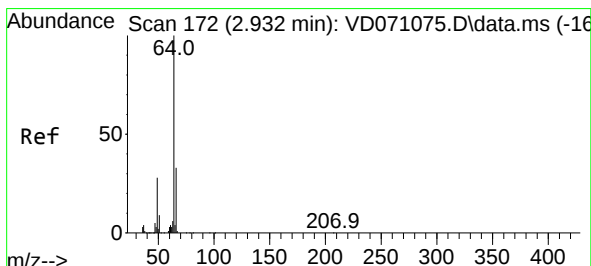
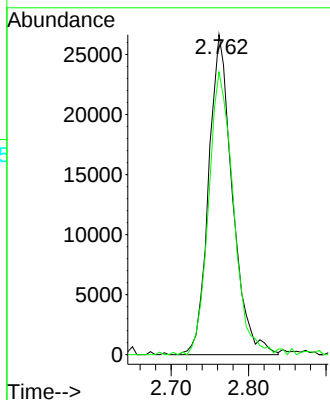
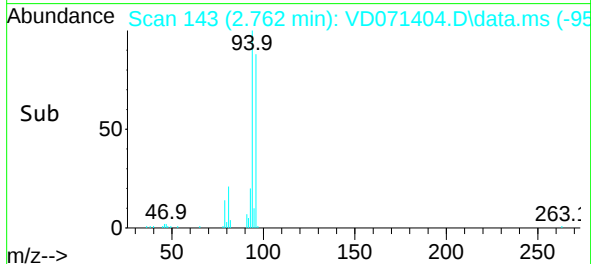
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 56934
Ion Ratio Lower Upper
94 100
96 88.4 74.8 112.2

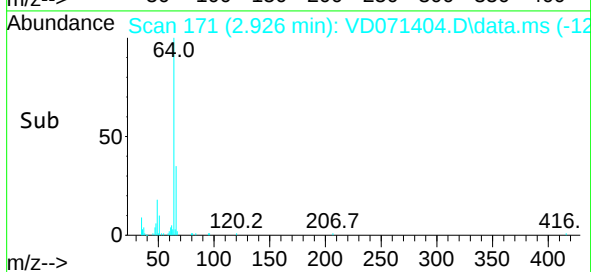
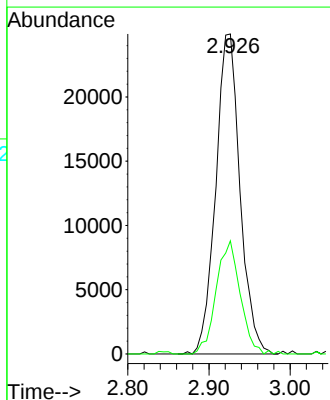
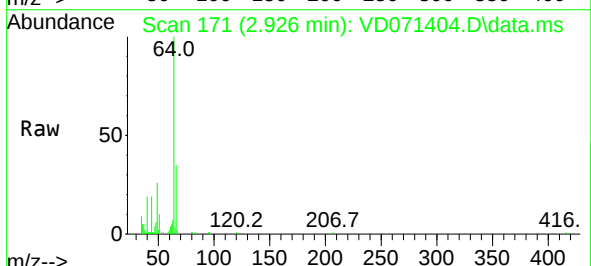
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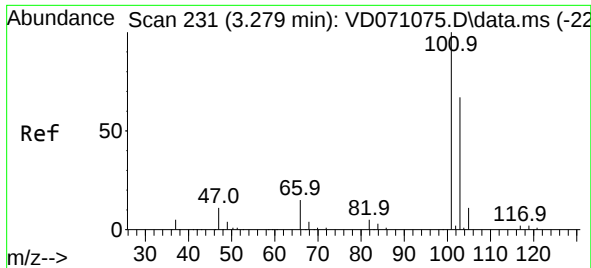
Reviewed By :Semsettin Yesilyurt 12/22/2021
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#6
Chloroethane
Concen: 20.231 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

Tgt Ion: 64 Resp: 51742
Ion Ratio Lower Upper
64 100
66 35.3 29.0 43.4





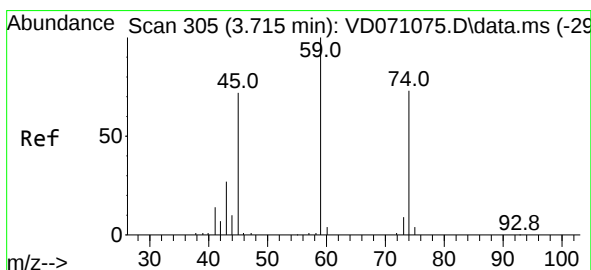
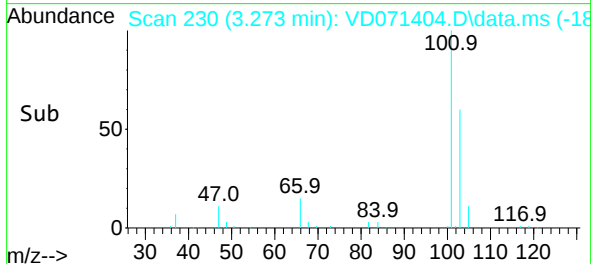
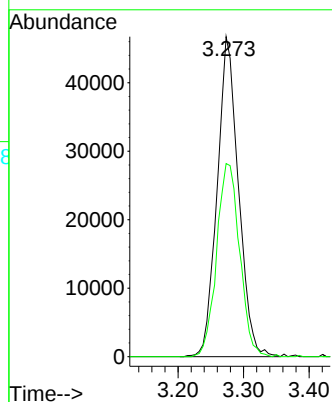
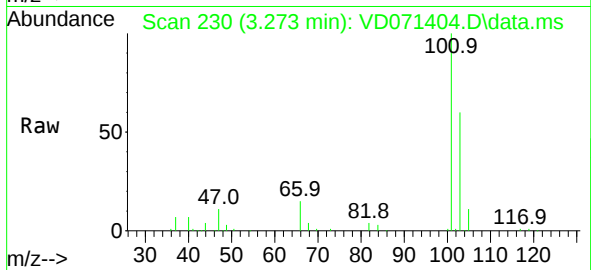
#7
Trichlorofluoromethane
Concen: 20.909 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01

Tgt Ion:101 Resp: 105324
Ion Ratio Lower Upper
101 100
103 60.4 49.7 74.5

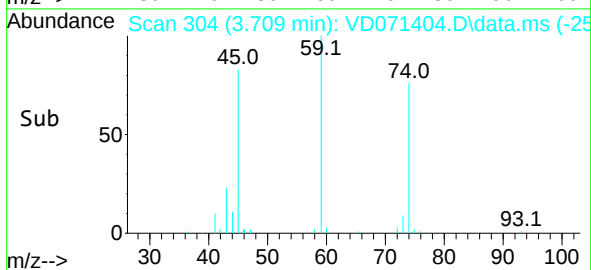
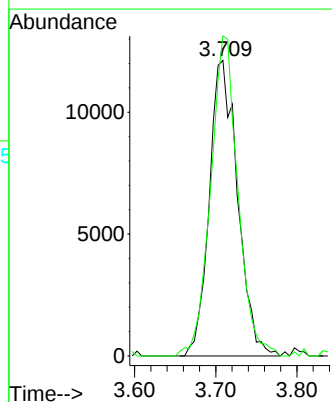
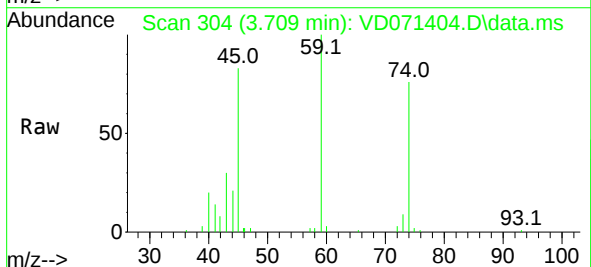
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#8
Diethyl Ether
Concen: 21.508 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

Tgt Ion: 74 Resp: 29371
Ion Ratio Lower Upper
74 100
45 104.7 49.6 149.0





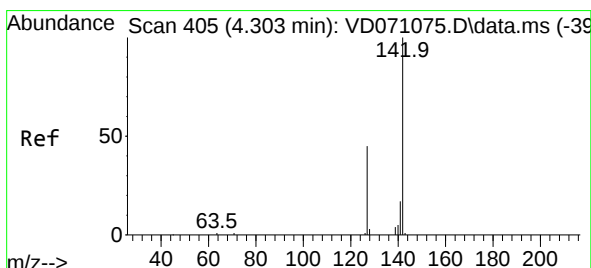
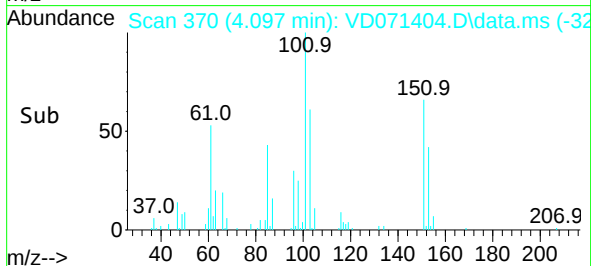
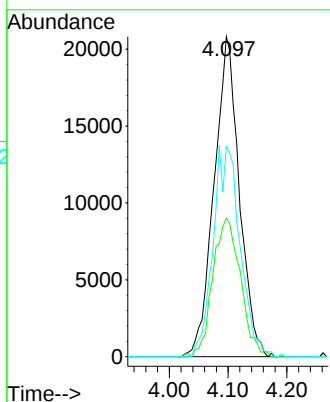
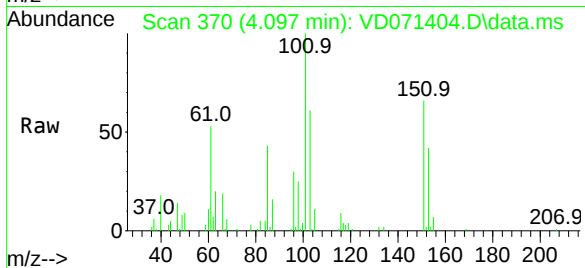
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.872 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01

Tgt Ion:101 Resp: 62029
Ion Ratio Lower Upper
101 100
85 47.5 34.8 52.2
151 70.5 60.4 90.6

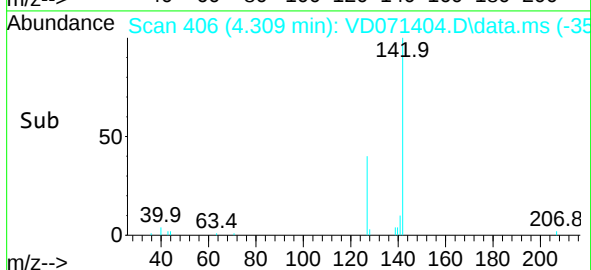
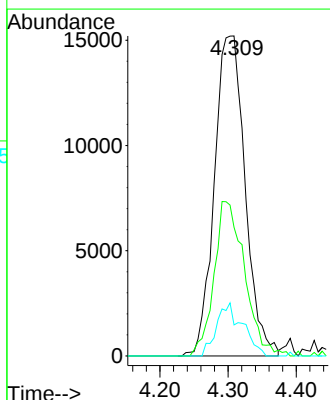
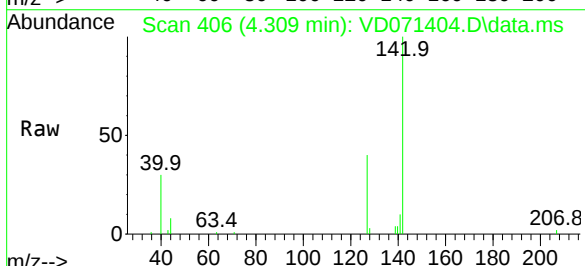
Manual Integrations
APPROVED

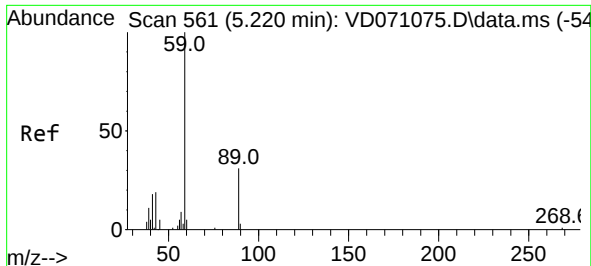
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#10
Methyl Iodide
Concen: 17.105 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

Tgt Ion:142 Resp: 47687
Ion Ratio Lower Upper
142 100
127 48.0 35.0 52.4
141 14.0 12.0 18.0





#11

Tert butyl alcohol

Concen: 77.977 ug/l m

RT: 5.209 min Scan# 51

Delta R.T. -0.011 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01

Tgt Ion: 59 Resp: 29278

Ion Ratio Lower Upper

59 100

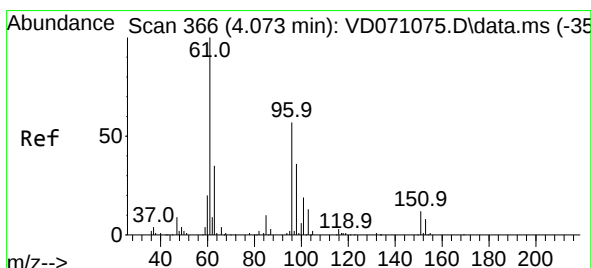
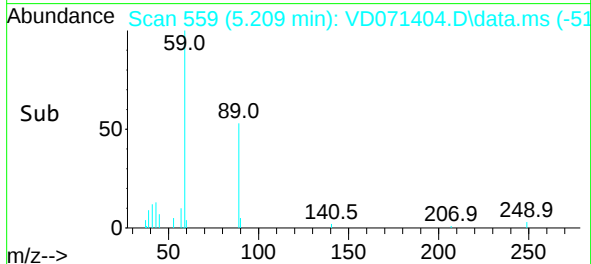
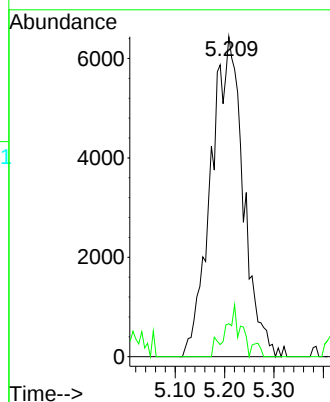
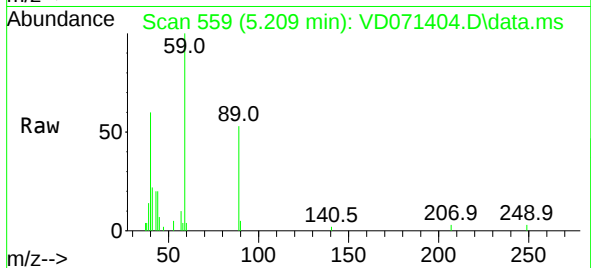
57 0.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#12

1,1-Dichloroethene

Concen: 19.524 ug/l

RT: 4.073 min Scan# 366

Delta R.T. 0.000 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

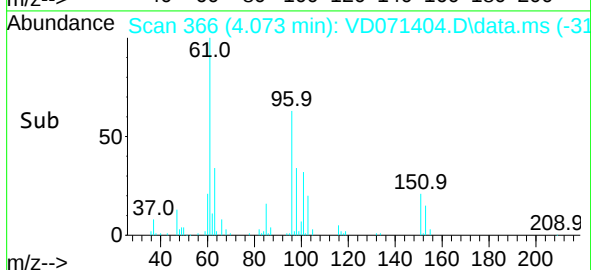
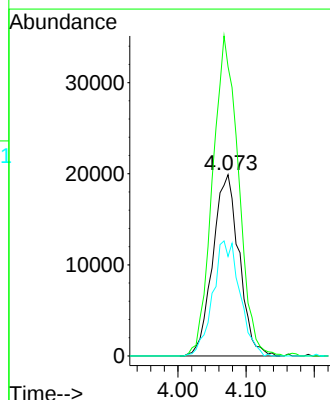
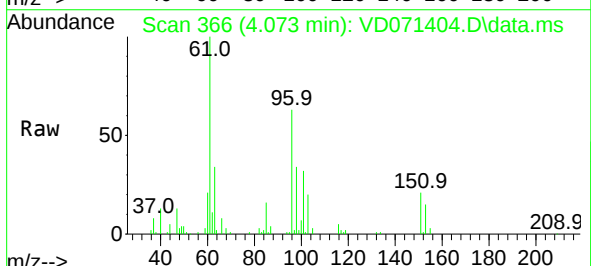
Tgt Ion: 96 Resp: 53546

Ion Ratio Lower Upper

96 100

61 159.5 120.3 180.5

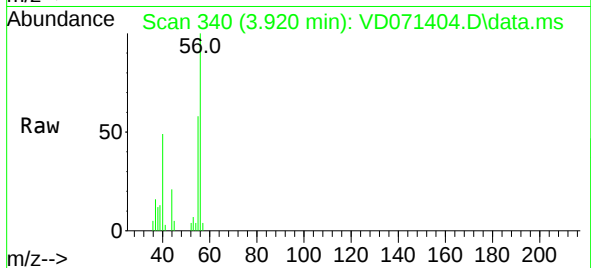
98 54.9 54.4 81.6





#13
Acrolein
Concen: 72.975 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

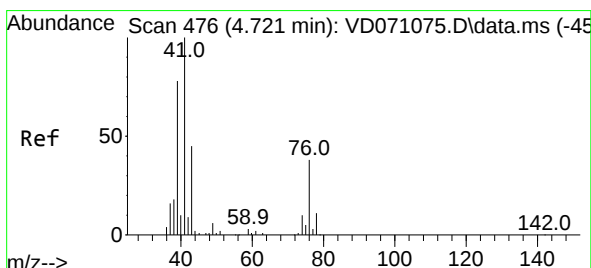
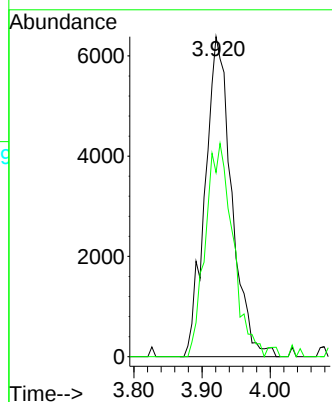
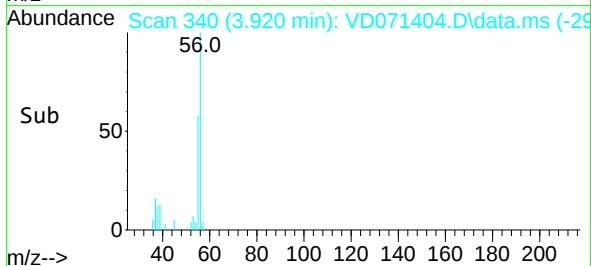
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



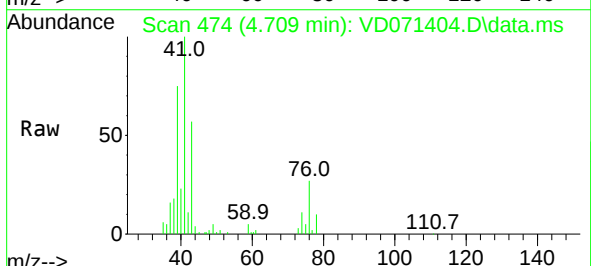
Tgt Ion: 56 Resp: 1728
Ion Ratio Lower Upper
56 100
55 69.1 58.6 87.8

Manual Integrations
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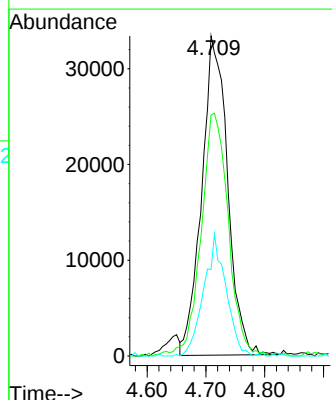
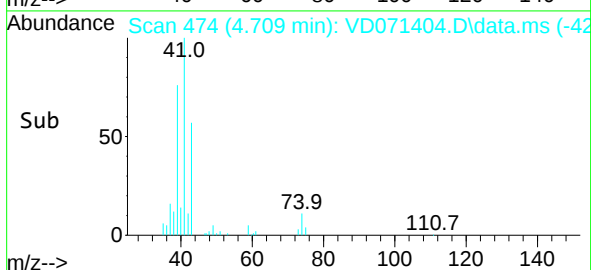
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

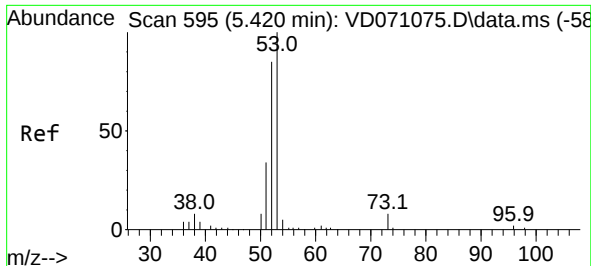


#14
Allyl chloride
Concen: 19.550 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



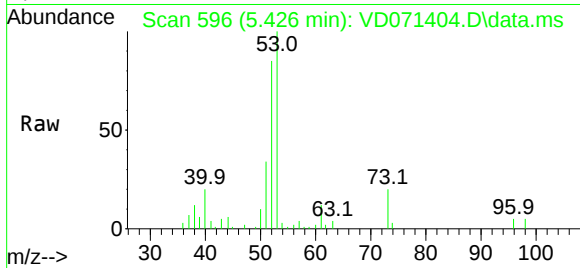
Tgt Ion: 41 Resp: 101841
Ion Ratio Lower Upper
41 100
39 80.0 45.6 68.4
76 32.7 30.2 45.4





#15
Acrylonitrile
Concen: 115.428 ug/l
RT: 5.426 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

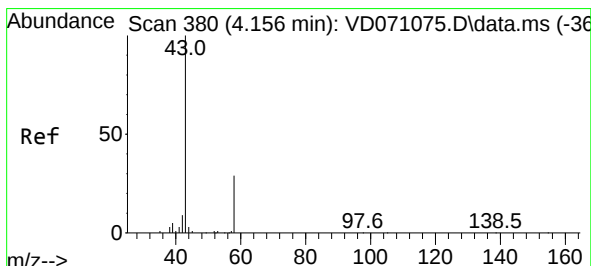
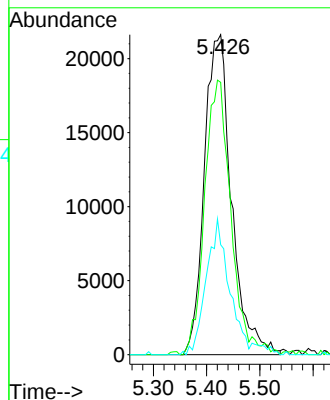
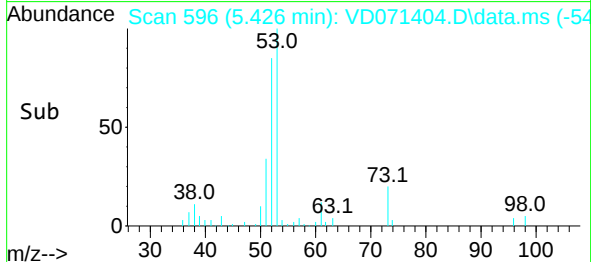
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



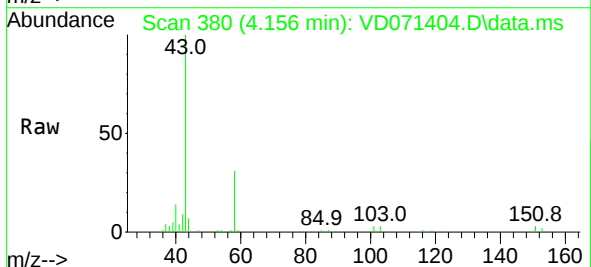
Tgt Ion: 53 Resp: 76659
Ion Ratio Lower Upper
53 100
52 82.8 63.8 95.8
51 36.3 28.5 42.7

Manual Integrations
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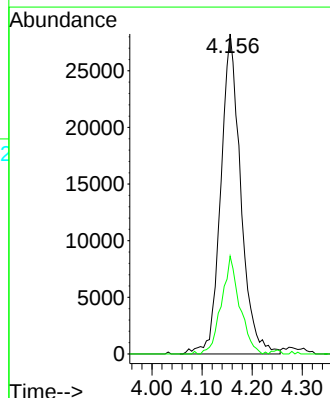
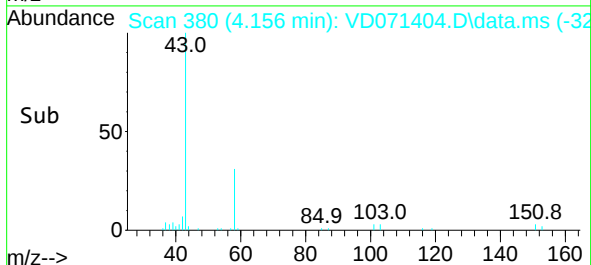
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

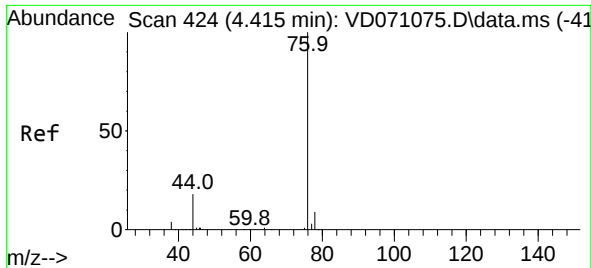


#16
Acetone
Concen: 105.353 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



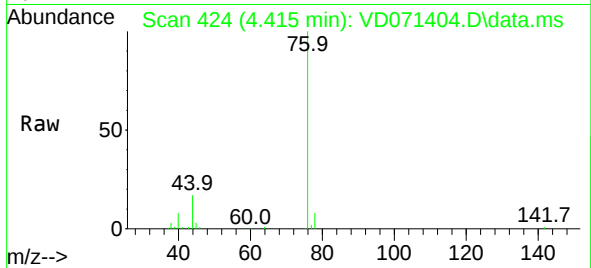
Tgt Ion: 43 Resp: 78270
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8





#17
Carbon Disulfide
Concen: 16.659 ug/l
RT: 4.415 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

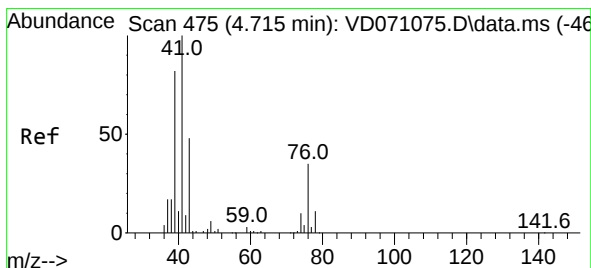
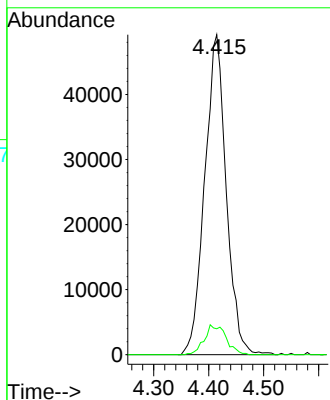
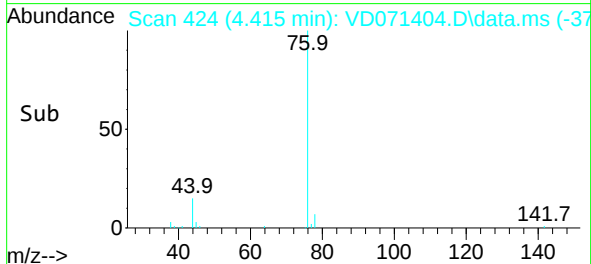
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



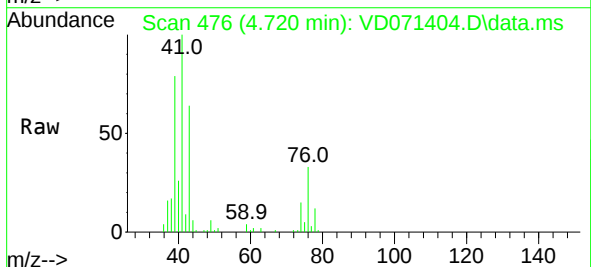
Tgt Ion: 76 Resp: 133768
Ion Ratio Lower Upper
76 100
78 8.1 7.8 11.8

Manual Integrations
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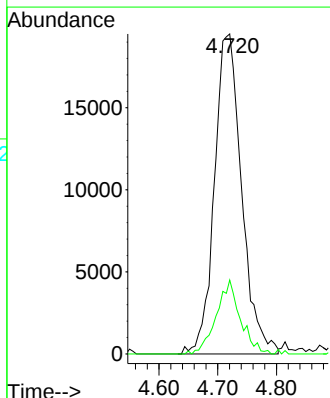
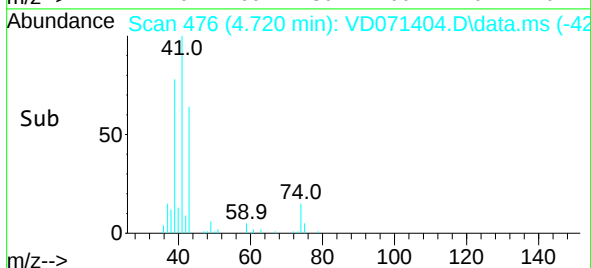
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

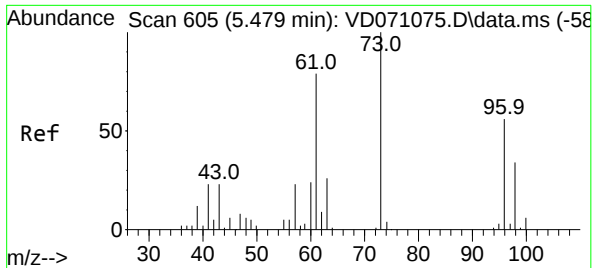


#18
Methyl Acetate
Concen: 24.473 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



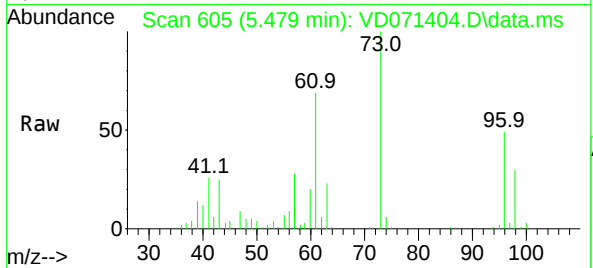
Tgt Ion: 43 Resp: 62593
Ion Ratio Lower Upper
43 100
74 20.4 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 21.509 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

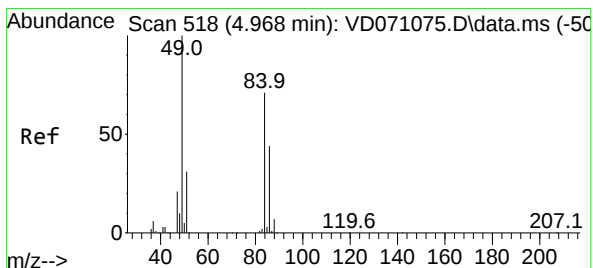
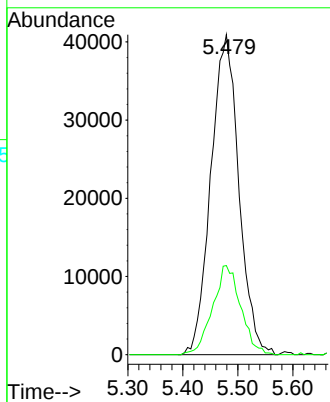
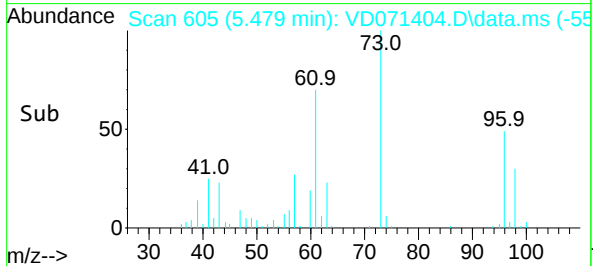
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



Tgt Ion: 73 Resp: 144568
Ion Ratio Lower Upper
73 100
57 27.8 18.9 28.3

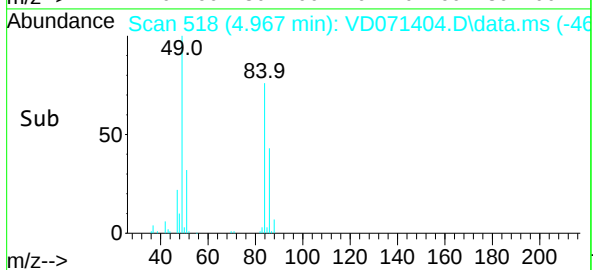
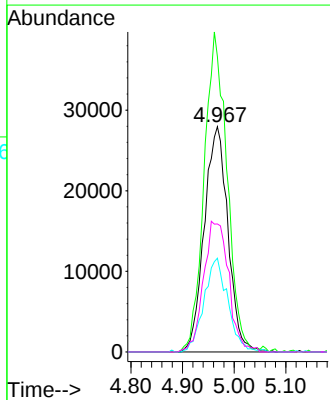
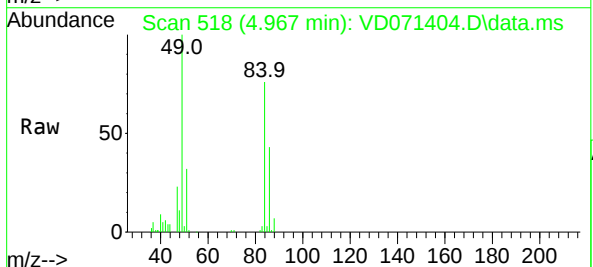
Manual Integrations
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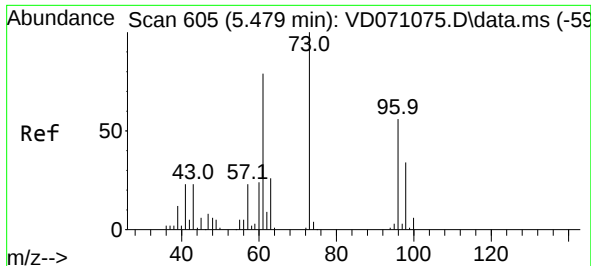
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#20
Methylene Chloride
Concen: 23.212 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

Tgt Ion: 84 Resp: 89023
Ion Ratio Lower Upper
84 100
49 131.1 95.8 143.6
51 41.6 30.9 46.3
86 56.8 50.3 75.5





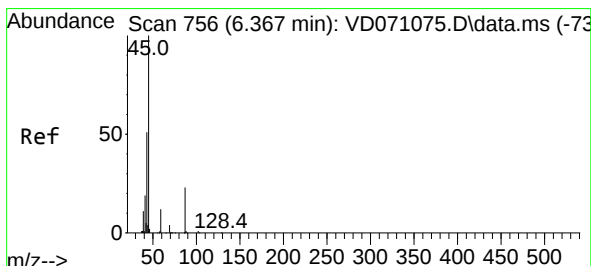
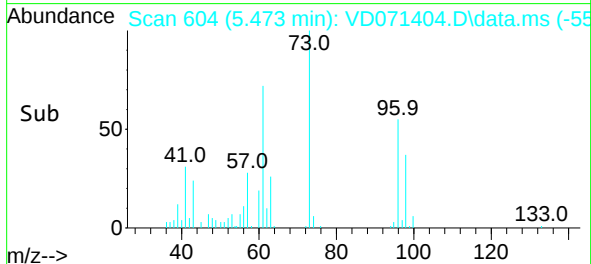
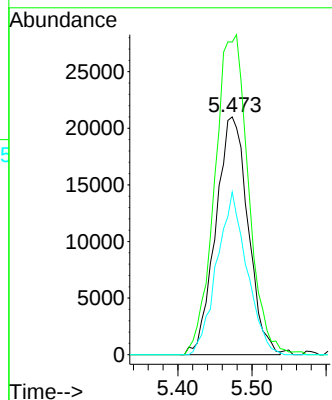
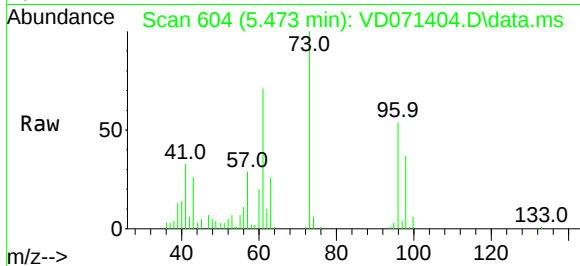
#21
trans-1,2-Dichloroethene
Concen: 20.607 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01

Tgt Ion: 96 Resp: 6361
Ion Ratio Lower Upper
96 100
61 131.5 102.1 153.1
98 68.4 50.1 75.1

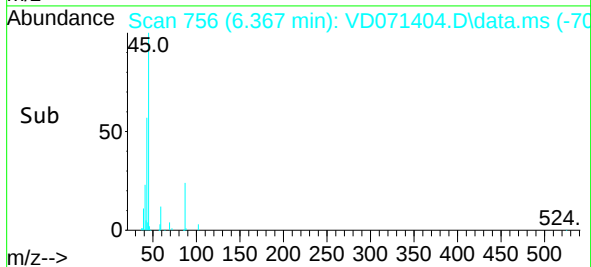
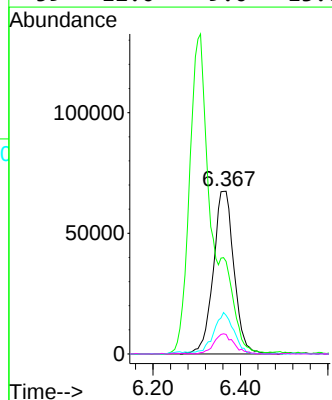
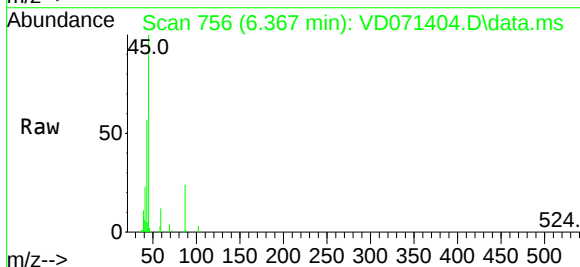
Manual Integrations
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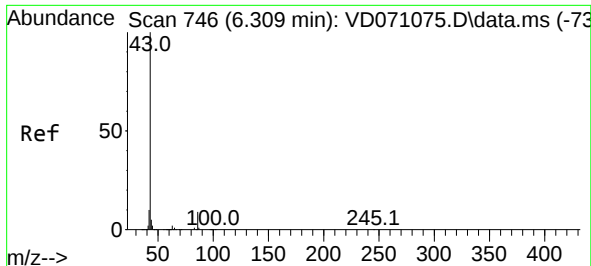
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#22
Diisopropyl ether
Concen: 21.220 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

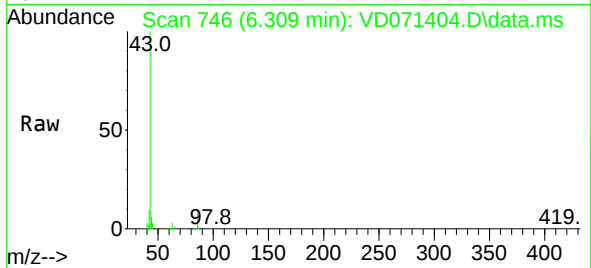
Tgt Ion: 45 Resp: 221471
Ion Ratio Lower Upper
45 100
43 55.3 39.6 59.4
87 23.7 21.2 31.8
59 12.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 90.939 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD071404.D
 Acq: 21 Dec 2021 11:04

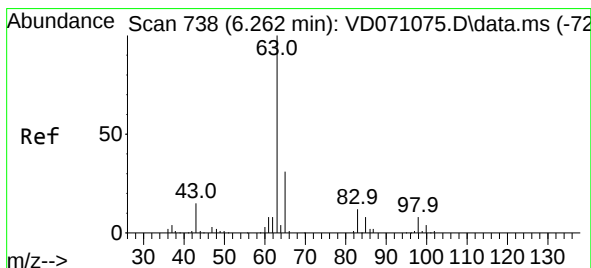
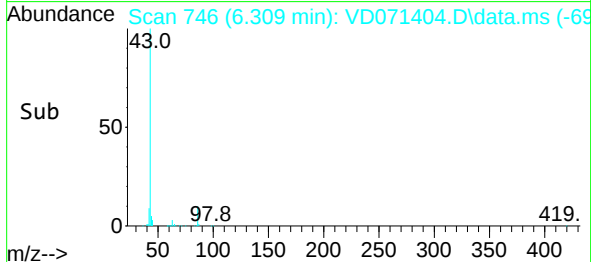
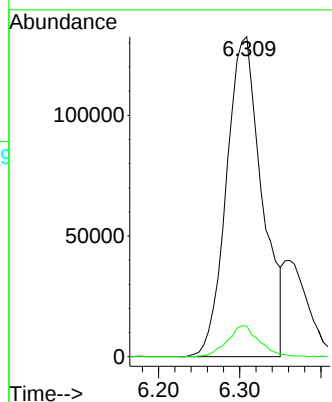
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS01



Tgt Ion: 43 Resp: 403582
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.4

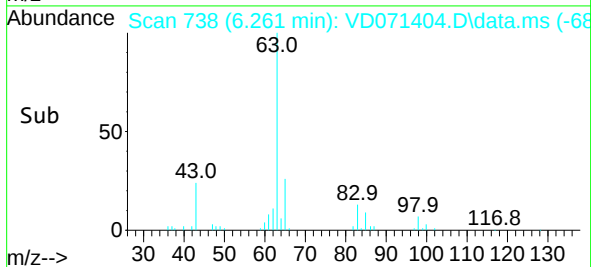
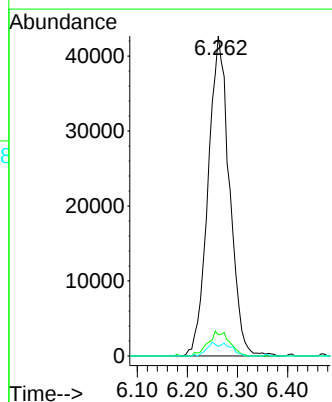
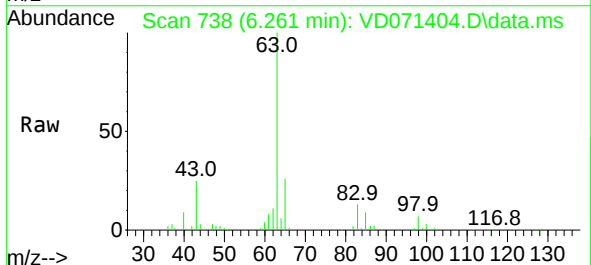
Manual Integrations
 APPROVED

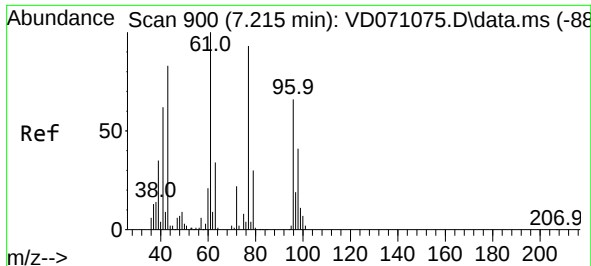
Reviewed By :Semsettin Yesilyurt 12/22/2021
 Supervised By :Amit Patel 12/24/2021



#24
 1,1-Dichloroethane
 Concen: 21.049 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD071404.D
 Acq: 21 Dec 2021 11:04

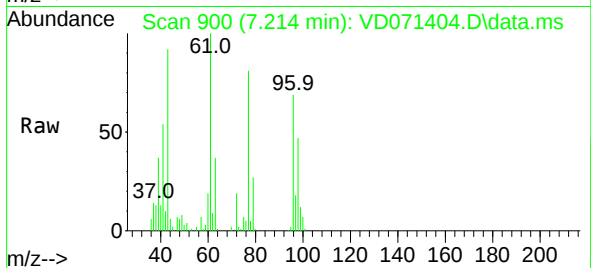
Tgt Ion: 63 Resp: 126361
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 3.0 2.1 6.3





#25
2-Butanone
Concen: 114.199 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.001 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

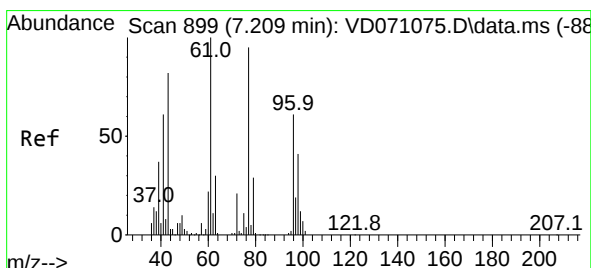
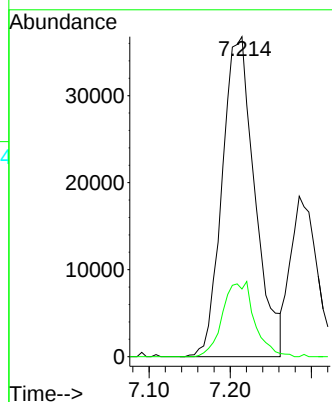
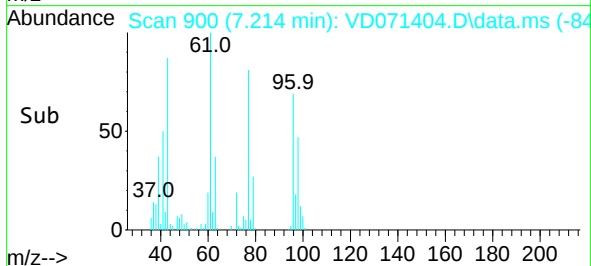
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



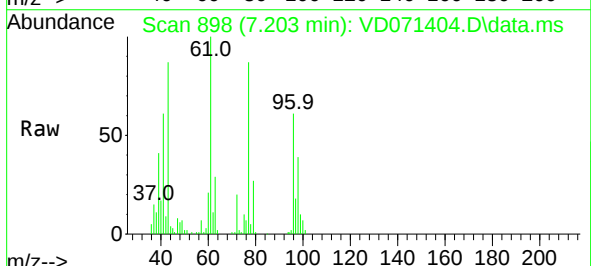
Tgt Ion: 43 Resp: 102935
Ion Ratio Lower Upper
43 100
72 21.2 23.8 35.6

Manual Integrations
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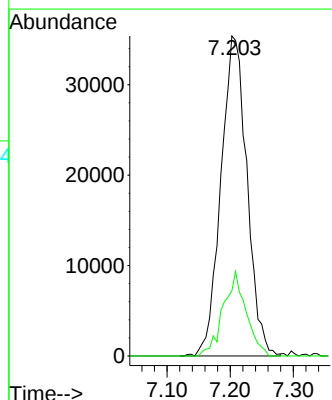
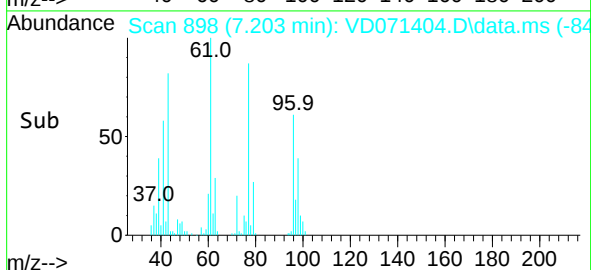
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

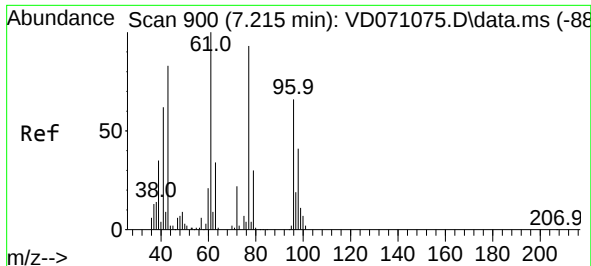


#26
2,2-Dichloropropane
Concen: 18.572 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



Tgt Ion: 77 Resp: 101382
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.839 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD071404.D

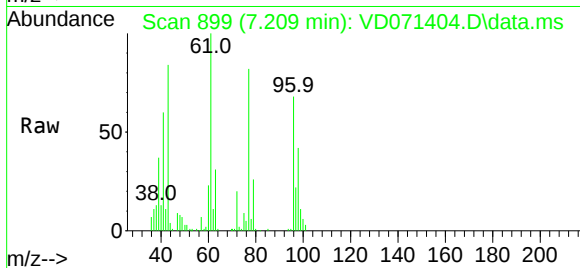
Acq: 21 Dec 2021 11:04

Instrument :

MSVOA_D

ClientSampleId :

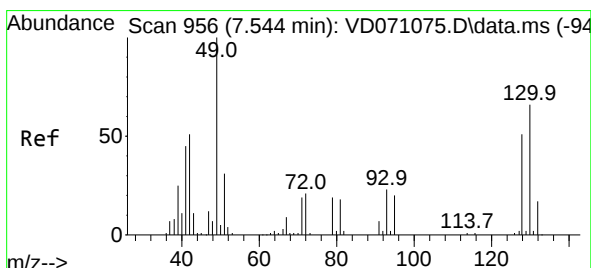
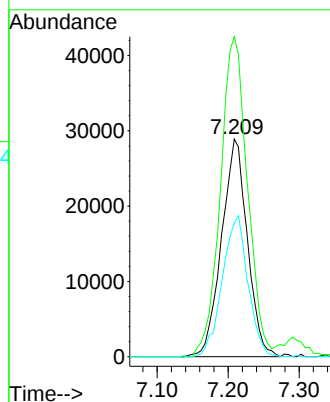
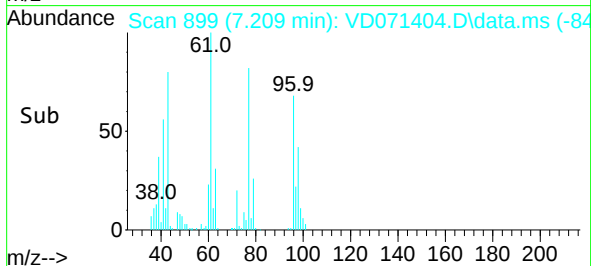
VD1221SBS01



Tgt Ion:	96	Resp:	7278
Ion	Ratio	Lower	Upper
96	100		
61	154.2	0.0	288.6
98	64.4	0.0	129.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#28

Bromochloromethane

Concen: 23.626 ug/l

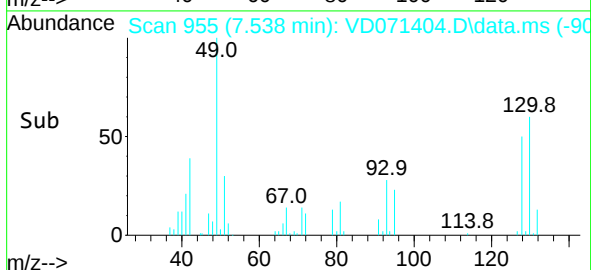
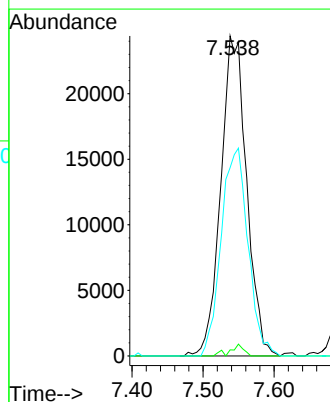
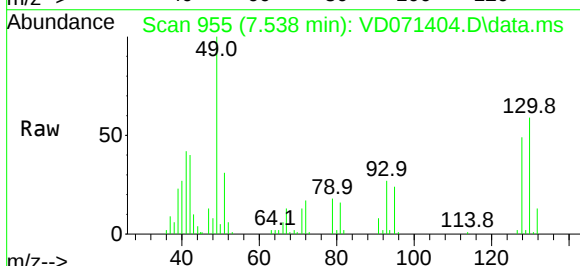
RT: 7.538 min Scan# 955

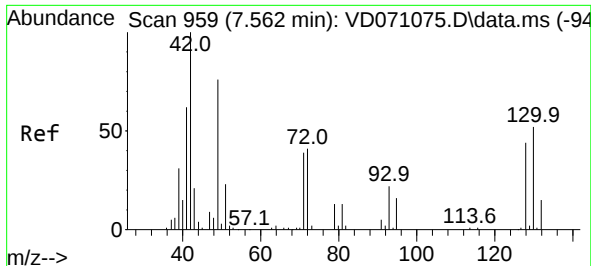
Delta R.T. -0.006 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

Tgt Ion:	49	Resp:	61604
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.0
130	67.5	60.2	90.2





#29

Tetrahydrofuran

Concen: 112.676 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.001 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01

Tgt Ion: 42 Resp: 6202

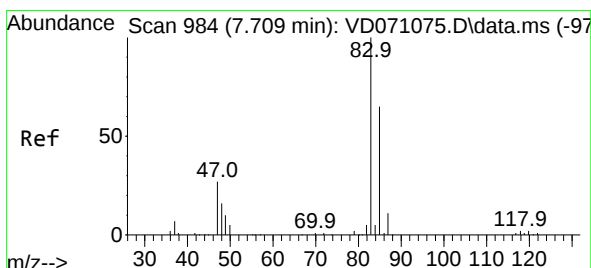
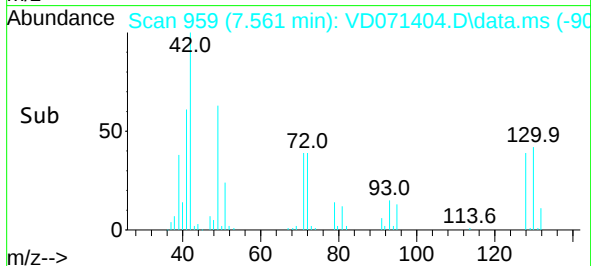
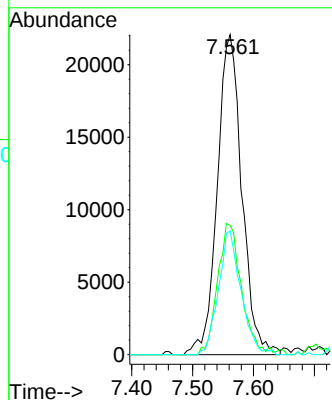
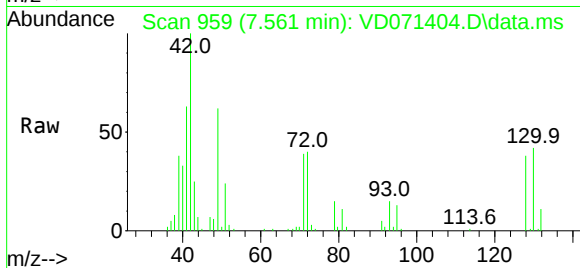
Ion	Ratio	Lower	Upper
42	100		
72	39.8	33.7	50.5
71	35.6	32.7	49.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#30

Chloroform

Concen: 21.170 ug/l

RT: 7.708 min Scan# 984

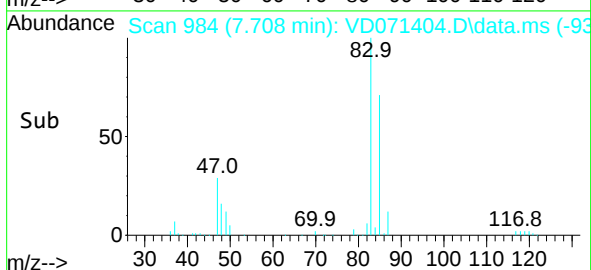
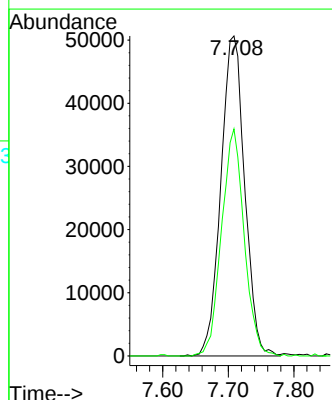
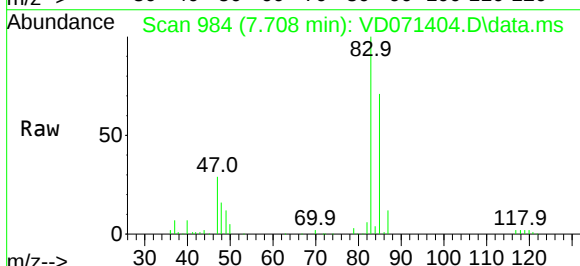
Delta R.T. -0.001 min

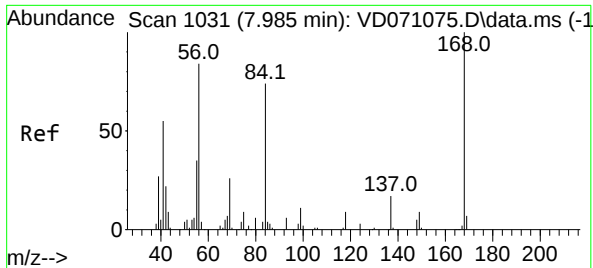
Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

Tgt Ion: 83 Resp: 127544

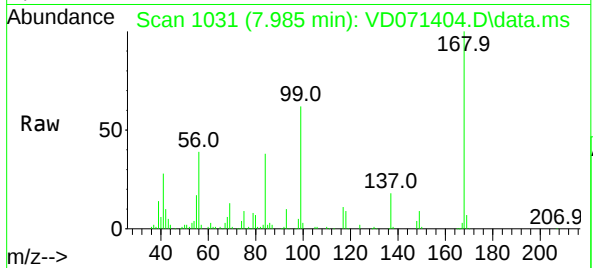
Ion	Ratio	Lower	Upper
83	100		
85	71.0	51.0	76.6





#31
Cyclohexane
Concen: 19.025 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

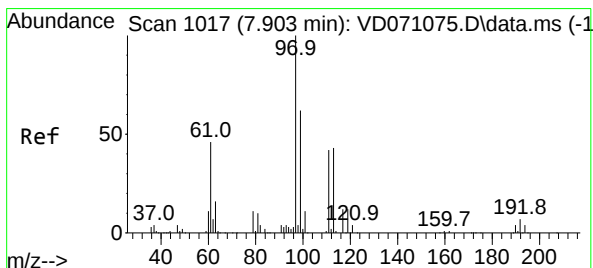
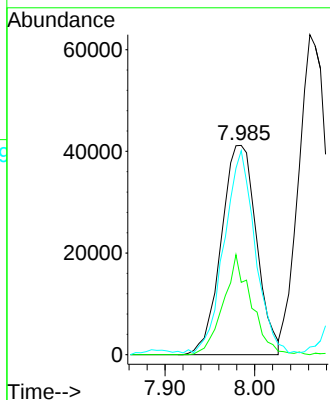
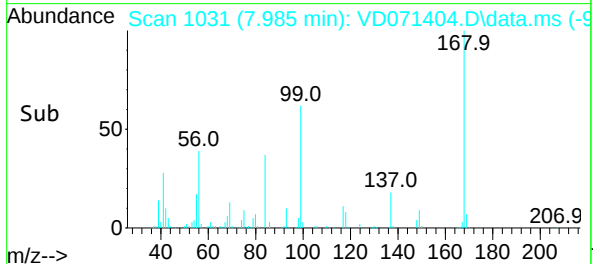
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



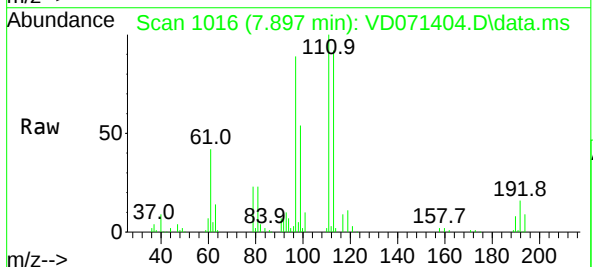
Tgt Ion: 56 Resp: 11218
Ion Ratio Lower Upper
56 100
69 34.5 25.9 38.9
84 95.9 64.3 96.5

Manual Integrations
APPROVED

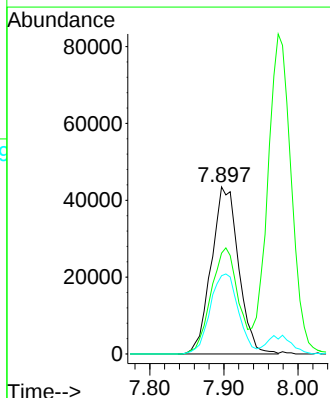
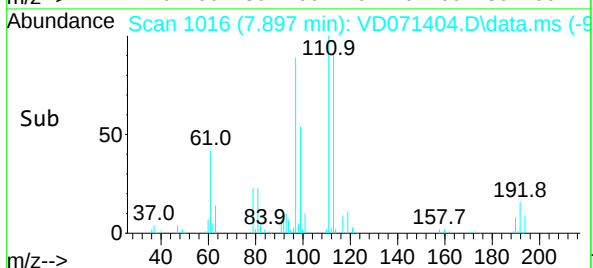
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

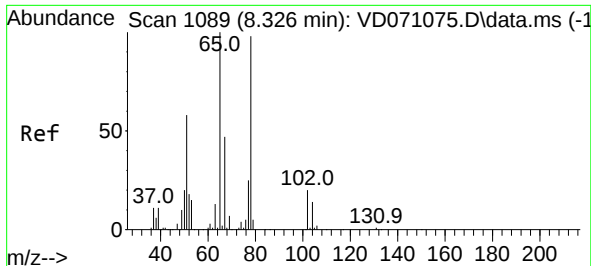


#32
1,1,1-Trichloroethane
Concen: 20.511 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



Tgt Ion: 97 Resp: 110944
Ion Ratio Lower Upper
97 100
99 62.4 50.3 75.5
61 49.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 52.033 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01

Tgt Ion: 65 Resp: 18037

Ion Ratio Lower Upper

65 100

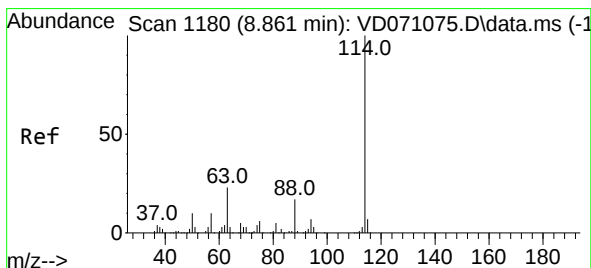
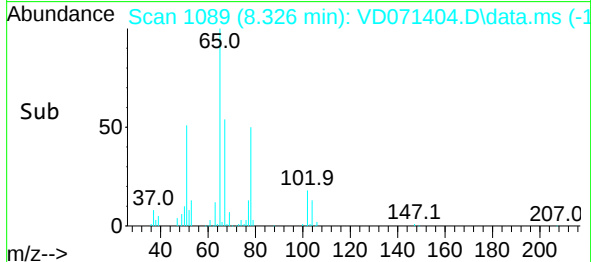
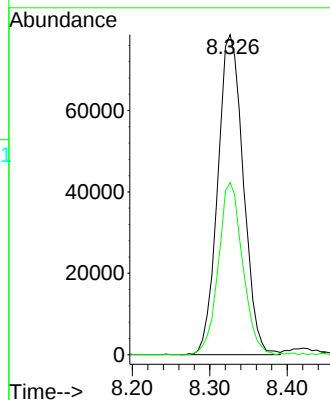
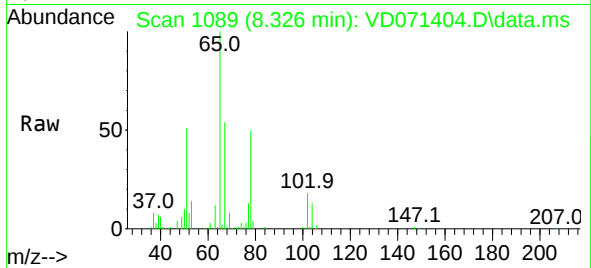
67 51.1 0.0 112.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

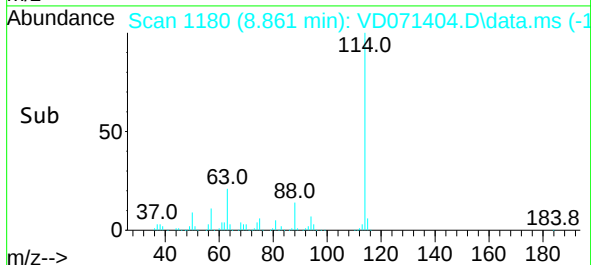
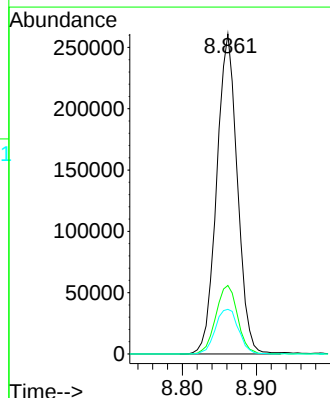
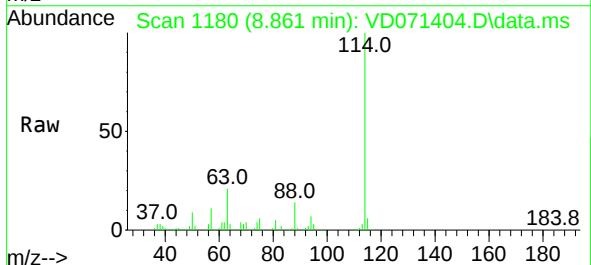
Tgt Ion:114 Resp: 504819

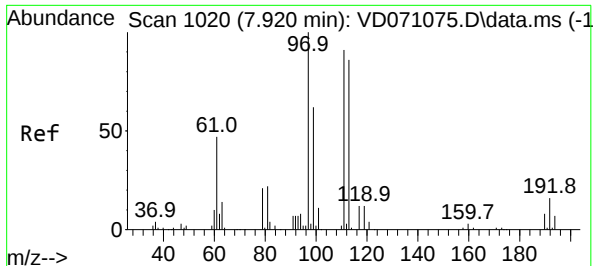
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

88 14.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.007 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01

Tgt Ion: 113 Resp: 170399

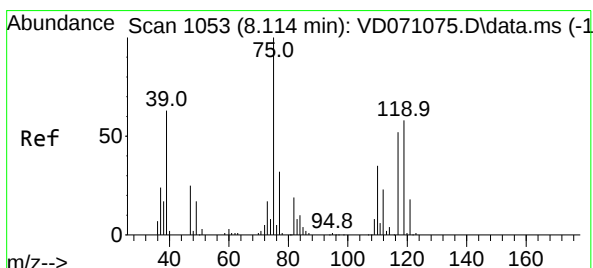
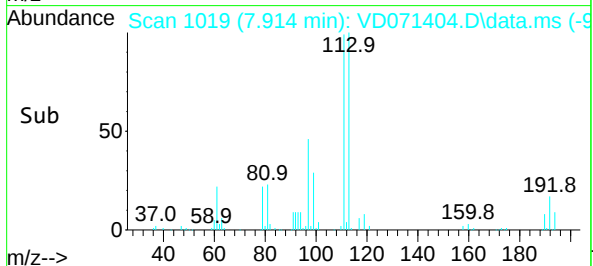
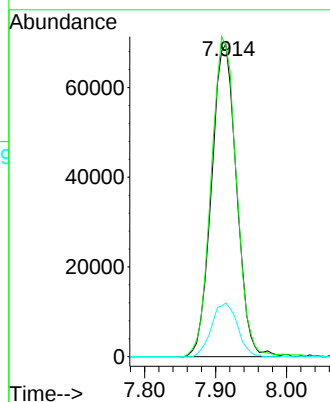
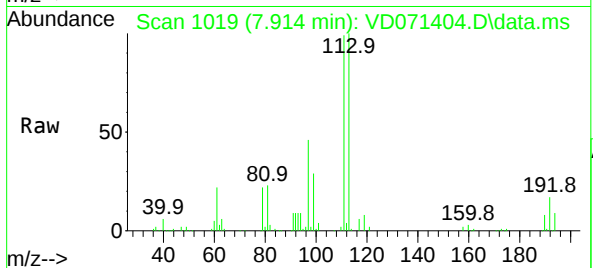
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.0	123.0
192	17.7	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#36

1,1-Dichloropropene

Concen: 20.032 ug/l

RT: 8.108 min Scan# 1052

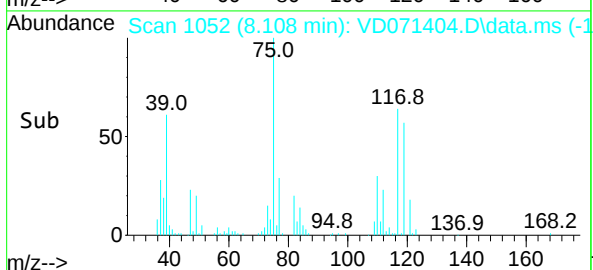
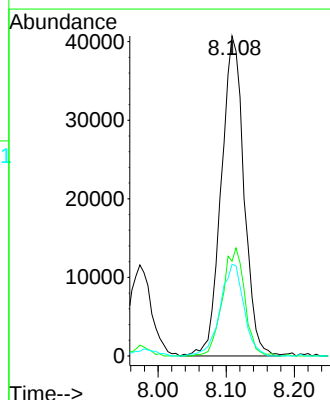
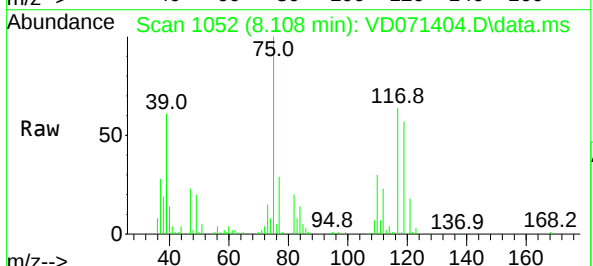
Delta R.T. -0.006 min

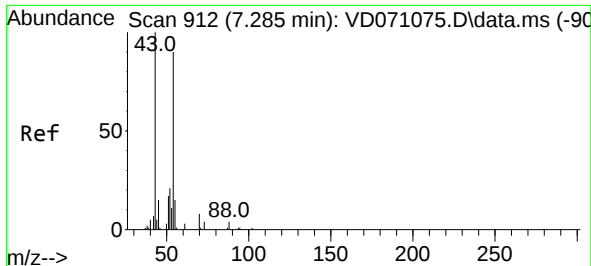
Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

Tgt Ion: 75 Resp: 94515

Ion	Ratio	Lower	Upper
75	100		
110	33.0	17.8	53.4
77	29.9	24.8	37.2





#37

Ethyl Acetate

Concen: 22.500 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD071404.D

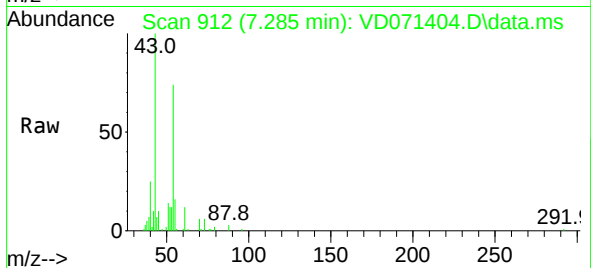
Acq: 21 Dec 2021 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01



Tgt Ion: 43 Resp: 45850

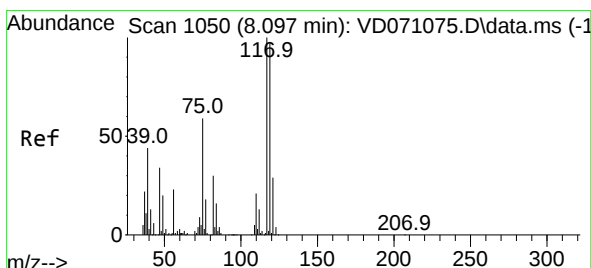
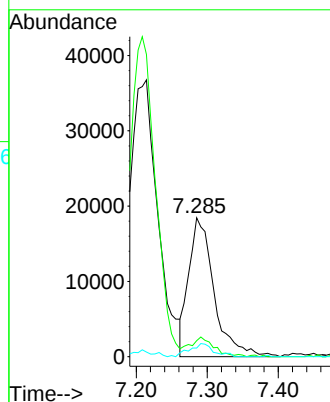
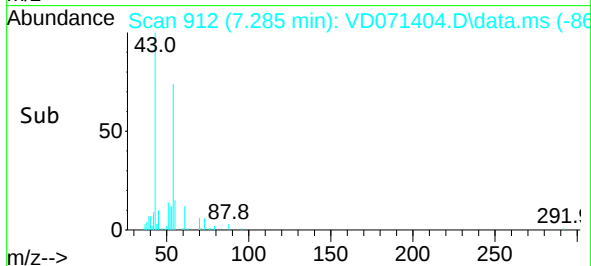
Ion	Ratio	Lower	Upper
43	100		
61	12.5	13.0	19.6
70	8.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#38

Carbon Tetrachloride

Concen: 20.592 ug/l

RT: 8.097 min Scan# 1050

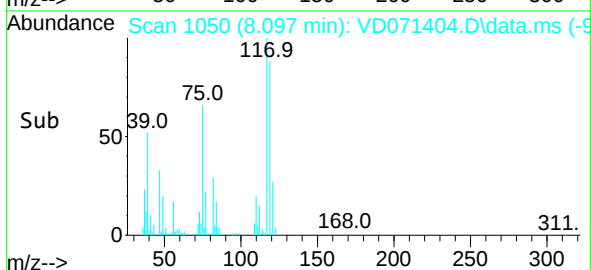
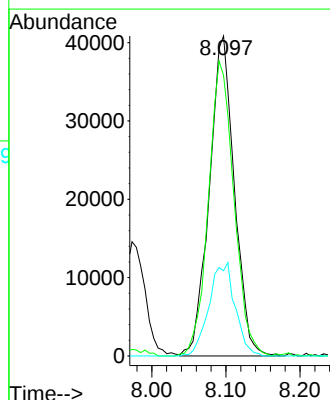
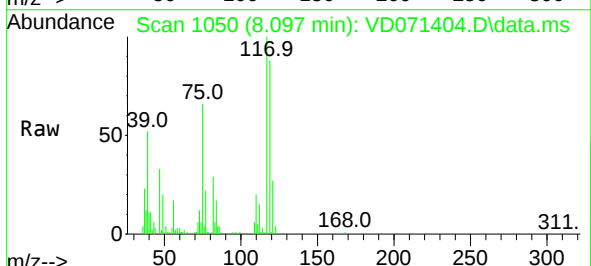
Delta R.T. -0.000 min

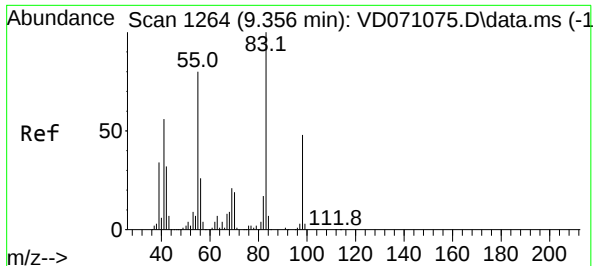
Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

Tgt Ion:117 Resp: 95773

Ion	Ratio	Lower	Upper
117	100		
119	87.3	75.8	113.6
121	26.6	23.6	35.4





#39

Methylcyclohexane

Concen: 18.779 ug/l

RT: 9.350 min Scan# 10656

Delta R.T. -0.006 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01

Tgt Ion: 83 Resp: 10656

Ion Ratio Lower Upper

83 100

55 81.9 65.8 98.8

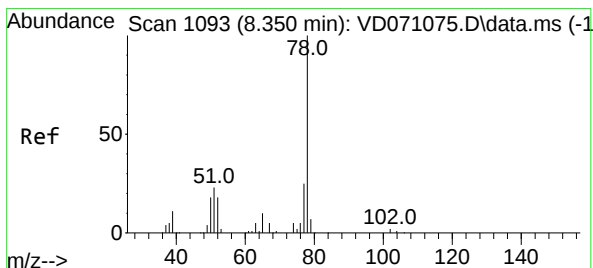
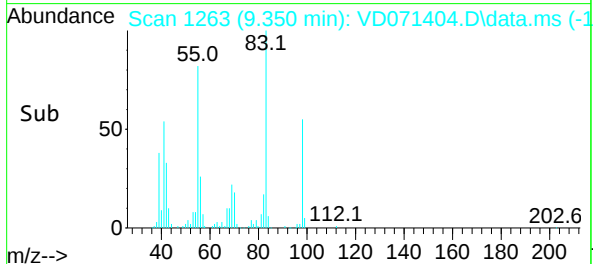
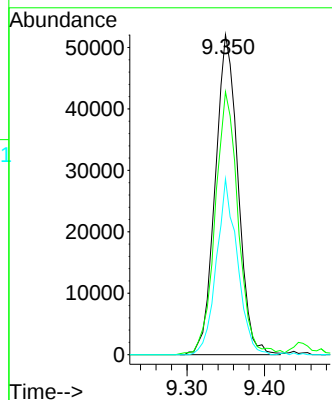
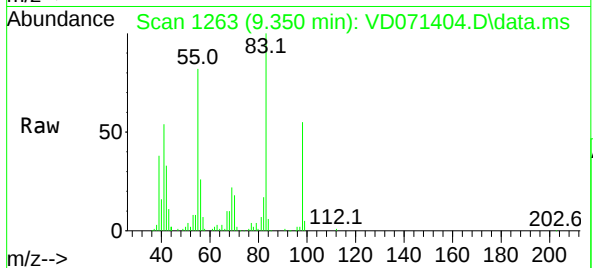
98 54.9 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#40

Benzene

Concen: 19.863 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071404.D

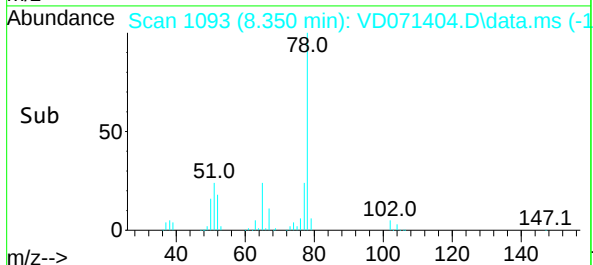
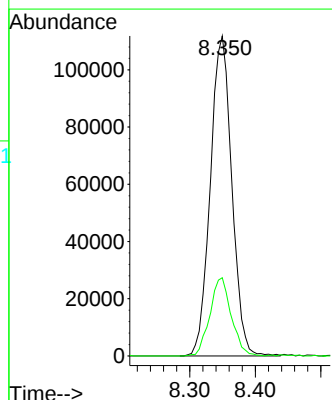
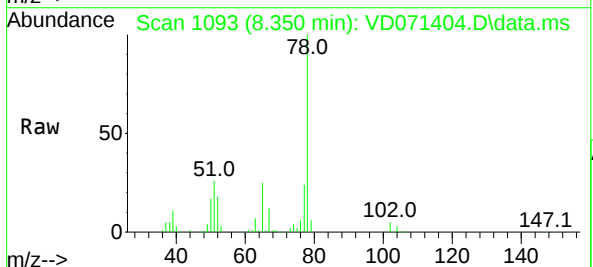
Acq: 21 Dec 2021 11:04

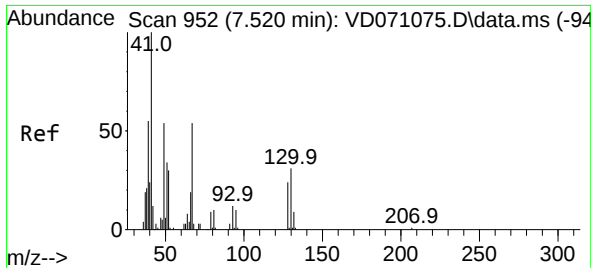
Tgt Ion: 78 Resp: 254558

Ion Ratio Lower Upper

78 100

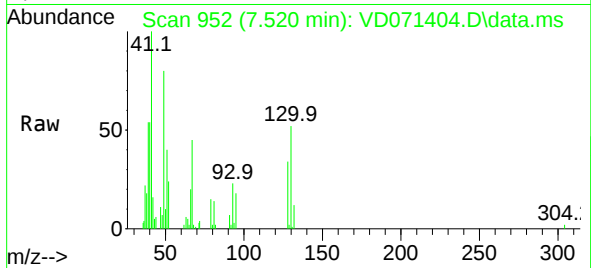
77 24.4 19.1 28.7





#41
Methacrylonitrile
Concen: 29.572 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

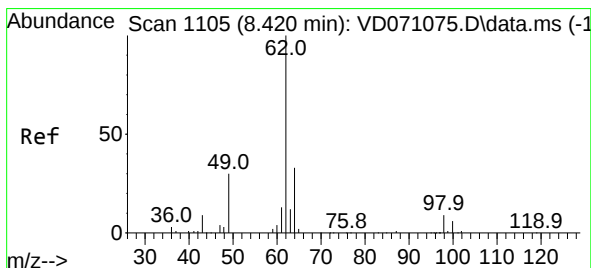
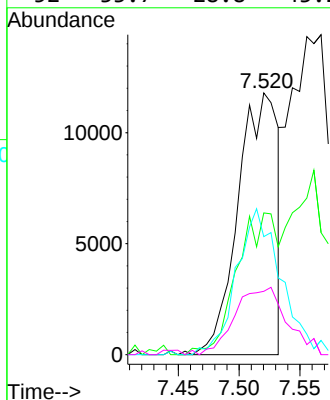
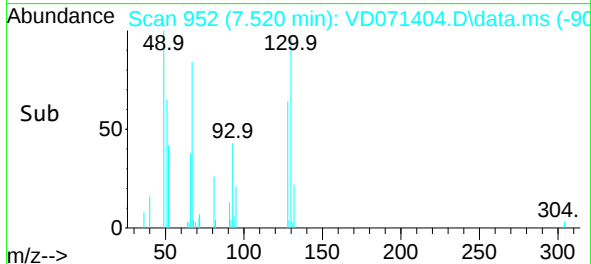
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



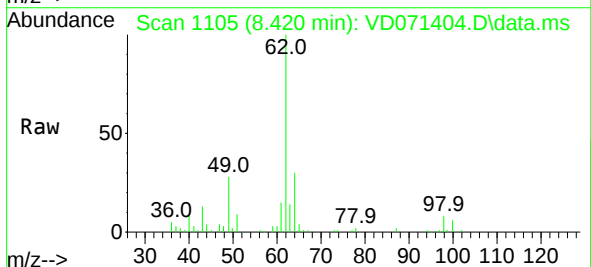
Tgt Ion: 41 Resp: 2679
Ion Ratio Lower Upper
41 100
39 54.8 60.2 90.4
67 62.4 74.8 112.2
52 33.7 28.8 43.2

Manual Integrations
APPROVED

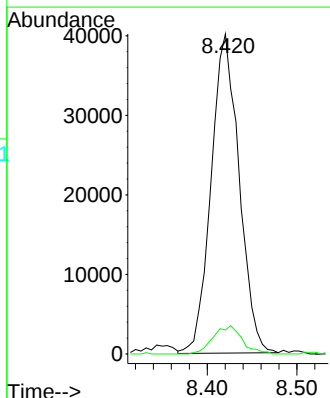
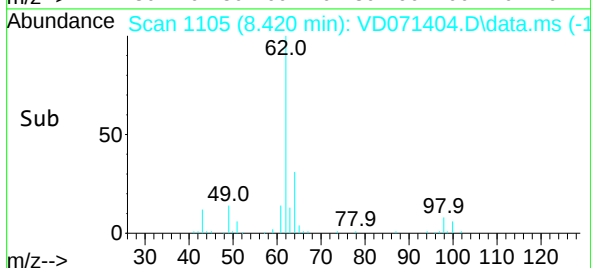
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

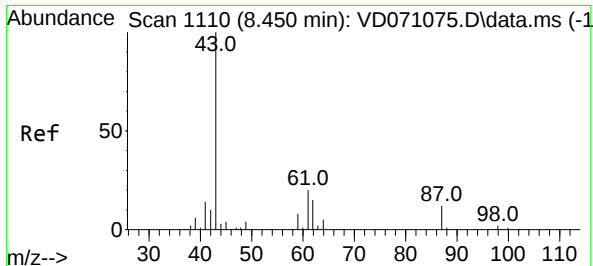


#42
1,2-Dichloroethane
Concen: 22.210 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



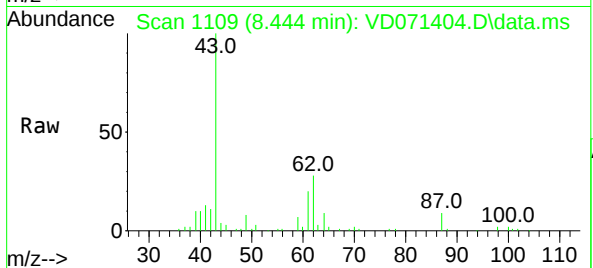
Tgt Ion: 62 Resp: 86887
Ion Ratio Lower Upper
62 100
98 9.2 0.0 21.8





#43
Isopropyl Acetate
Concen: 23.253 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

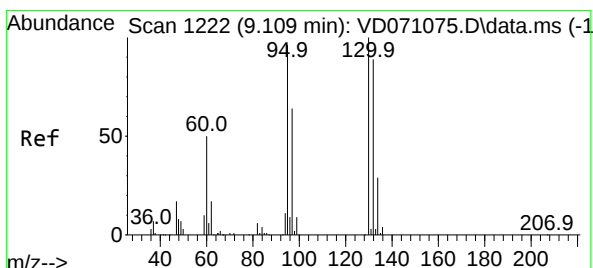
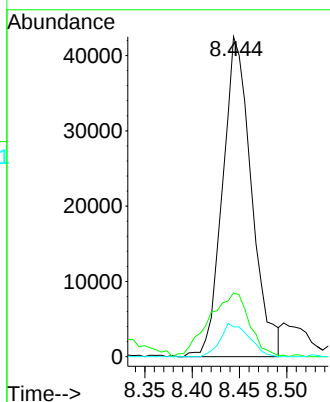
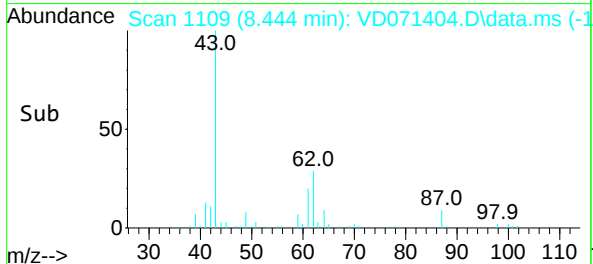
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



Tgt Ion: 43 Resp: 90289
Ion Ratio Lower Upper
43 100
61 27.9 28.2 42.4
87 10.3 10.7 16.1

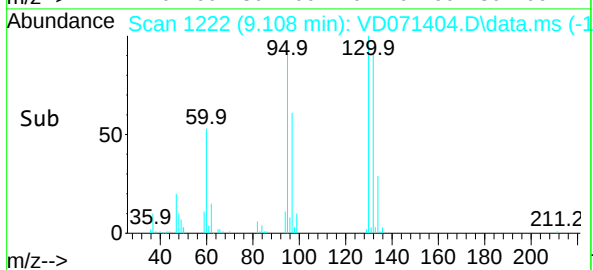
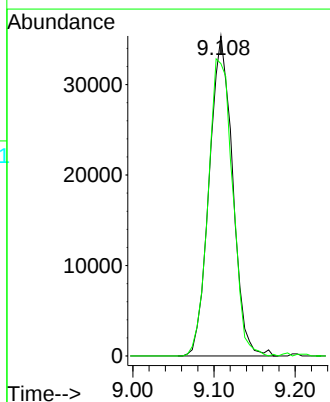
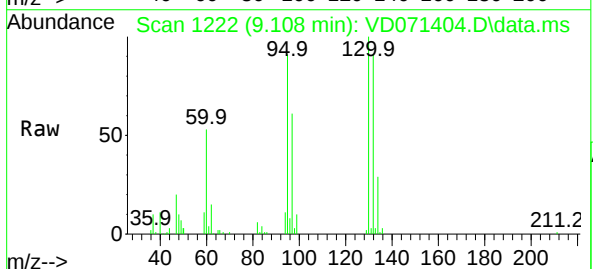
Manual Integrations
APPROVED

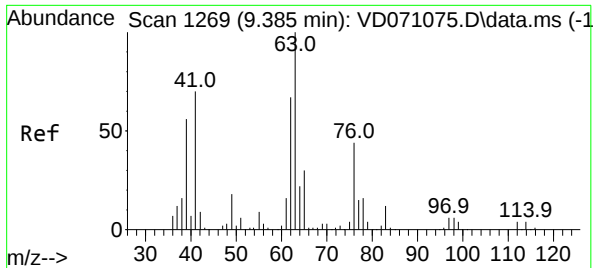
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#44
Trichloroethene
Concen: 20.679 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

Tgt Ion:130 Resp: 70662
Ion Ratio Lower Upper
130 100
95 91.3 0.0 193.2





#45

1,2-Dichloropropane

Concen: 20.739 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01

Tgt Ion: 63 Resp: 6989

Ion Ratio Lower Upper

63 100

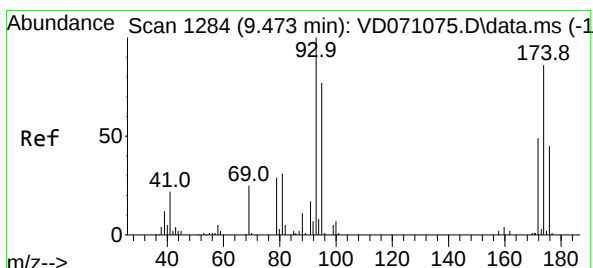
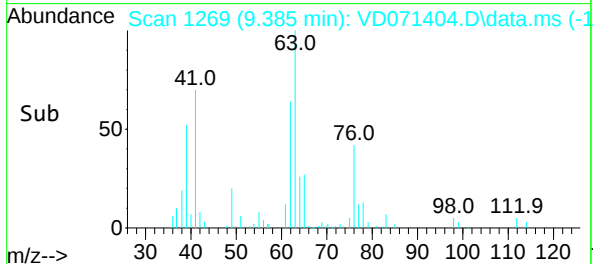
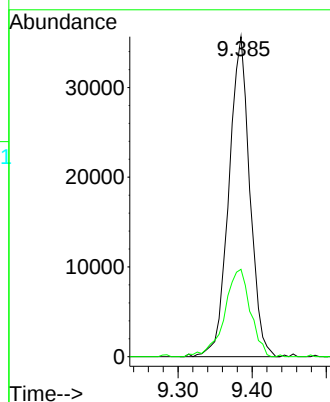
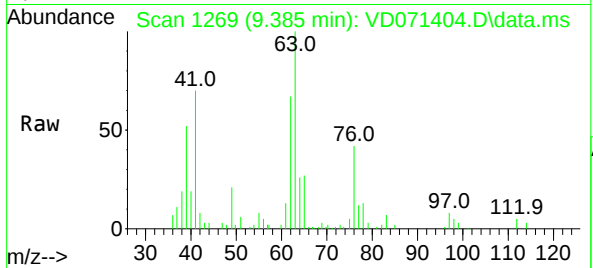
65 27.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#46

Dibromomethane

Concen: 21.811 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

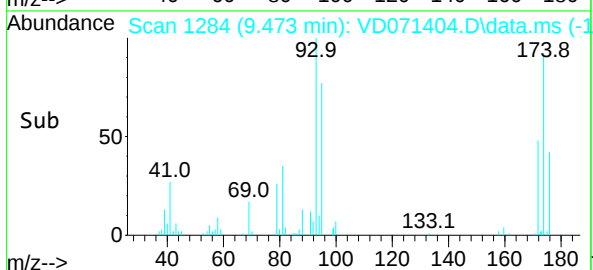
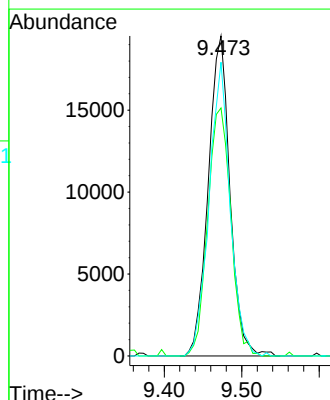
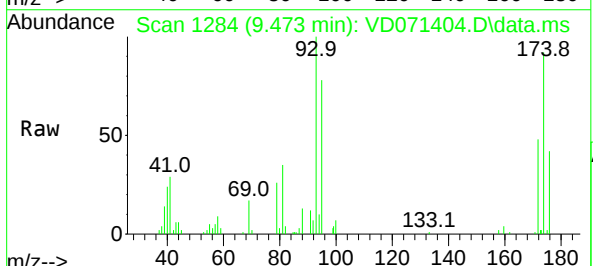
Tgt Ion: 93 Resp: 38138

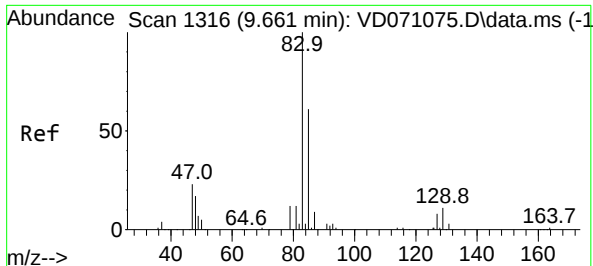
Ion Ratio Lower Upper

93 100

95 82.2 66.1 99.1

174 88.6 78.6 117.8





#47

Bromodichloromethane

Concen: 21.754 ug/l

RT: 9.655 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01

Tgt Ion: 83 Resp: 10059

Ion Ratio Lower Upper

83 100

85 57.9 50.0 75.0

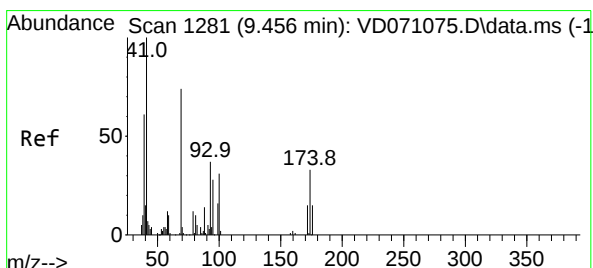
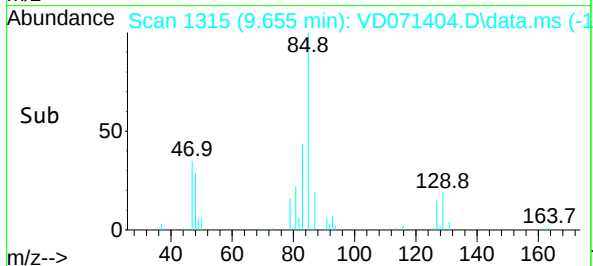
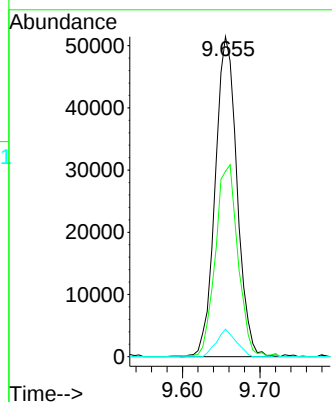
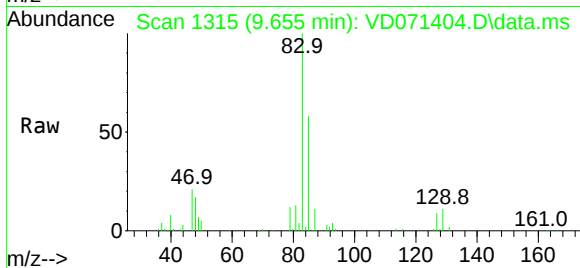
127 8.6 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#48

Methyl methacrylate

Concen: 20.994 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.006 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

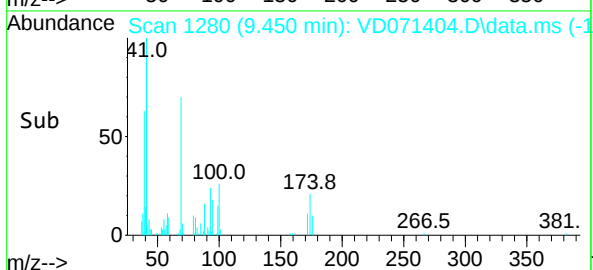
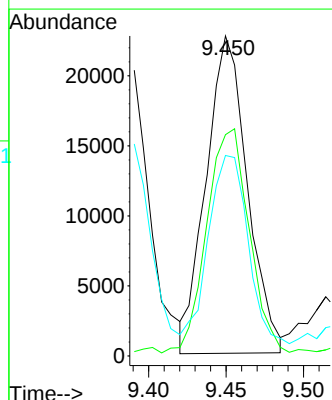
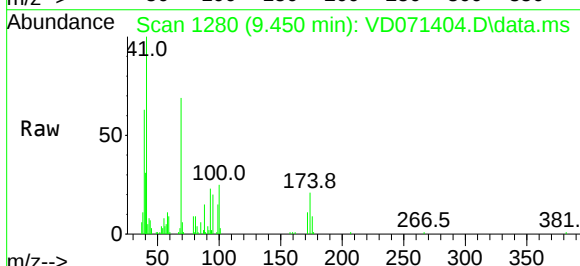
Tgt Ion: 41 Resp: 41882

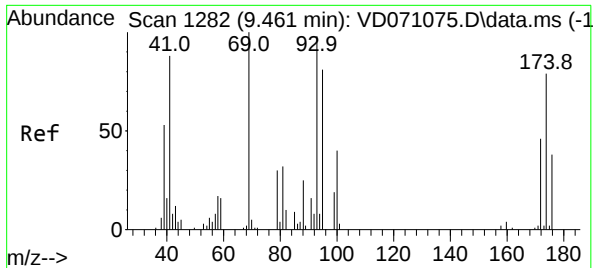
Ion Ratio Lower Upper

41 100

69 75.8 69.8 104.6

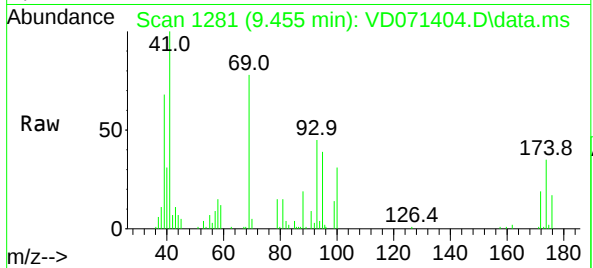
39 63.9 35.6 53.4





#49
1,4-Dioxane
Concen: 500.610 ug/l
RT: 9.455 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

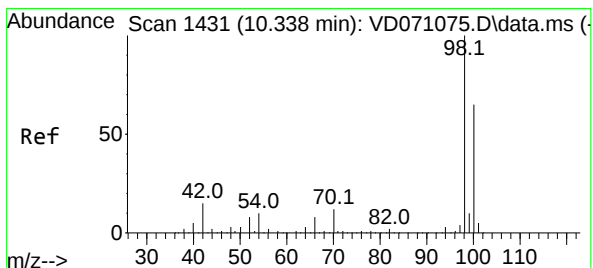
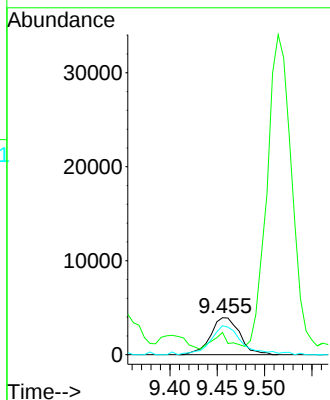
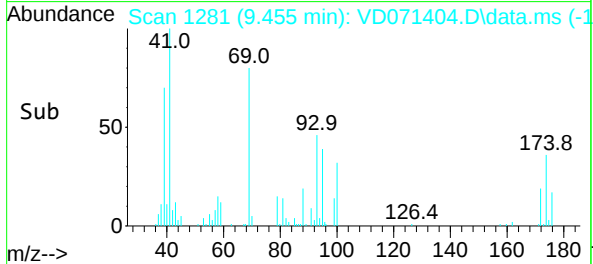
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



Tgt Ion: 88 Resp: 8450
Ion Ratio Lower Upper
88 100
43 33.5 28.9 43.3
58 84.4 56.3 84.5

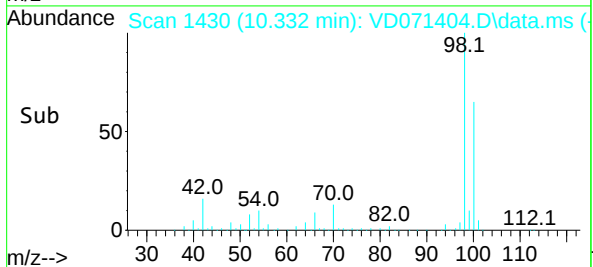
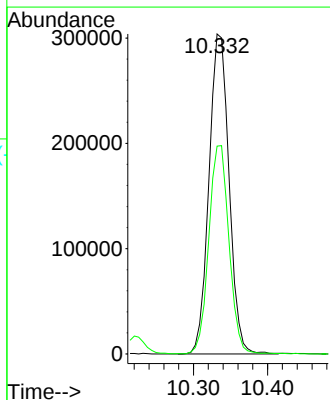
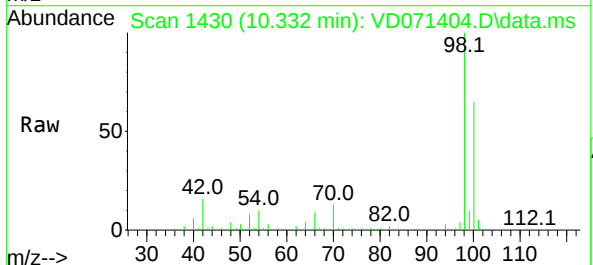
Manual Integrations
APPROVED

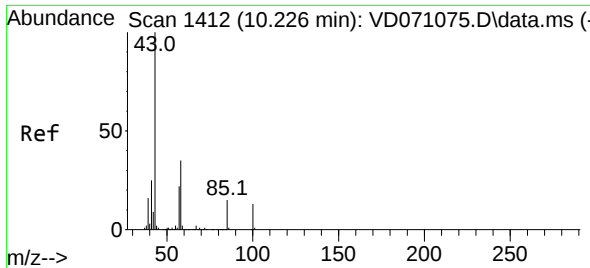
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#50
Toluene-d8
Concen: 46.721 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

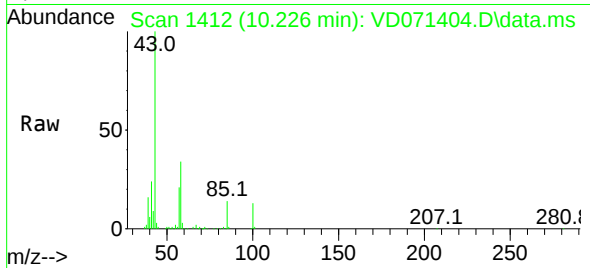
Tgt Ion: 98 Resp: 571554
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 116.147 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

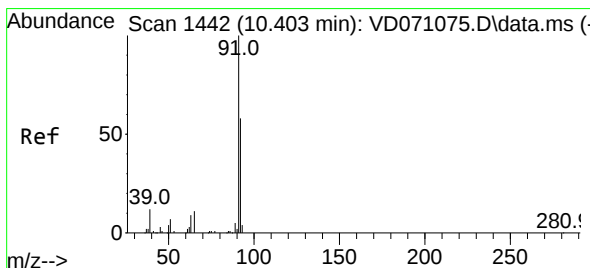
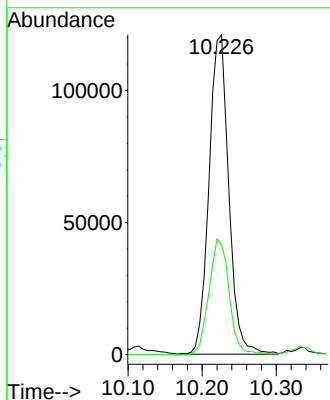
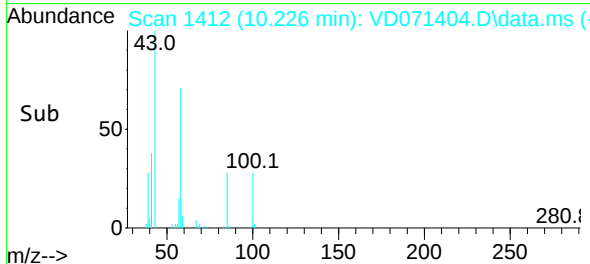
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



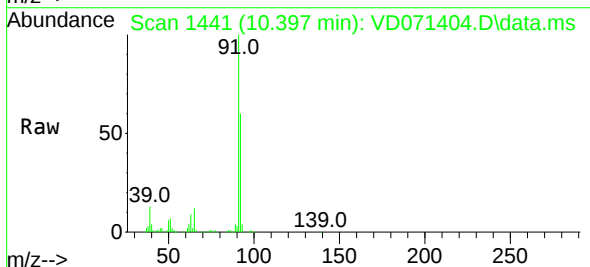
Tgt Ion: 43 Resp: 22394
Ion Ratio Lower Upper
43 100
58 37.0 33.1 49.7

Manual Integrations
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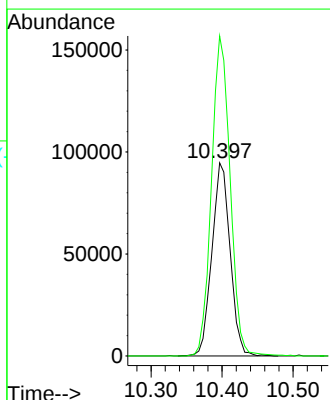
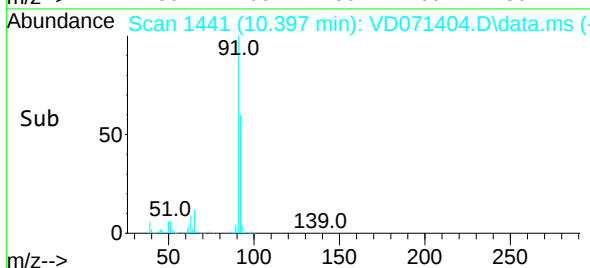
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

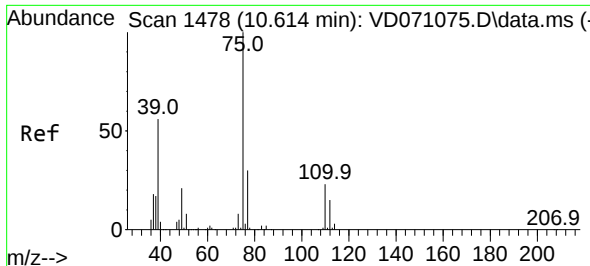


#52
Toluene
Concen: 20.699 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



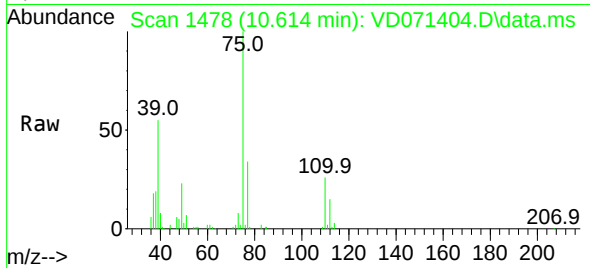
Tgt Ion: 92 Resp: 168313
Ion Ratio Lower Upper
92 100
91 169.6 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 20.088 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

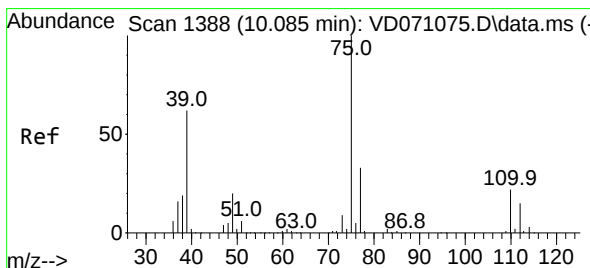
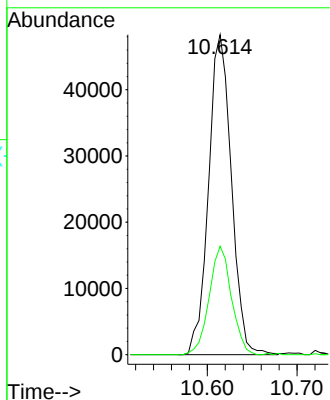
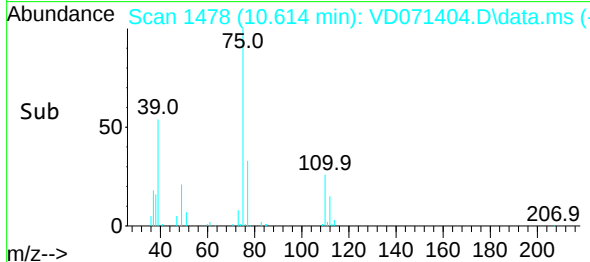
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



Tgt Ion: 75 Resp: 85410
Ion Ratio Lower Upper
75 100
77 33.9 24.5 36.7

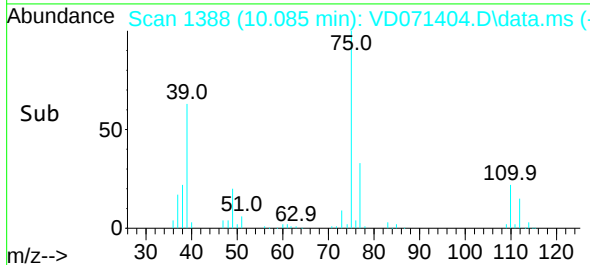
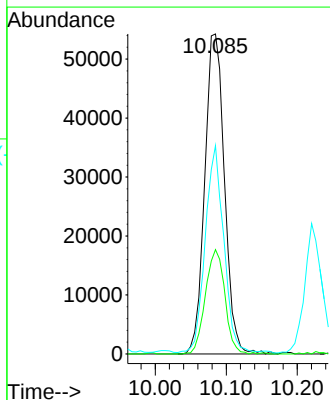
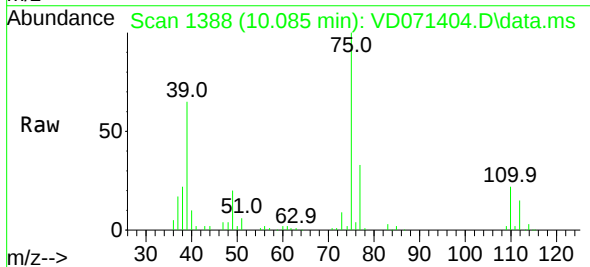
Manual Integrations
APPROVED

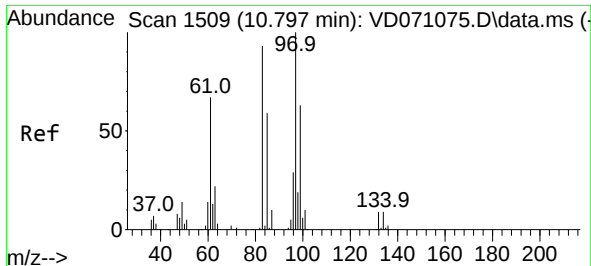
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#54
cis-1,3-Dichloropropene
Concen: 20.780 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

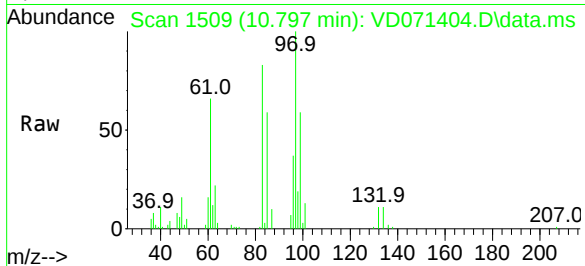
Tgt Ion: 75 Resp: 104945
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.6
39 64.7 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 22.278 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

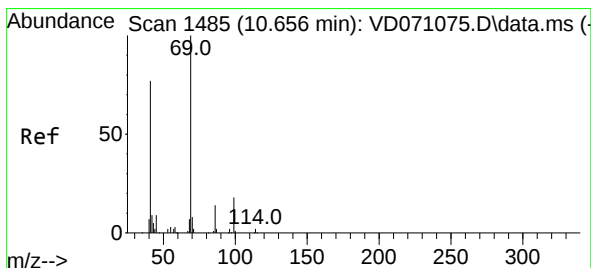
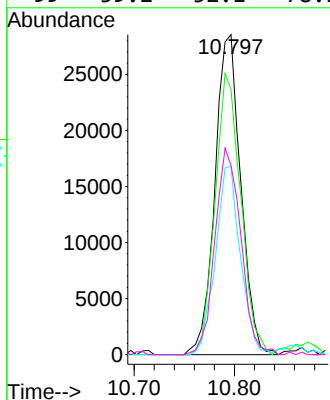
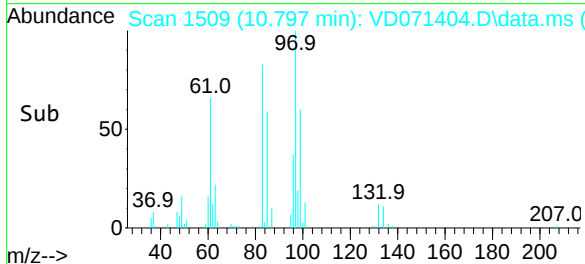
Instrument : MSVOA_D
ClientSampleId : VD1221SBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.2	97.8
85	58.8	43.4	65.0
99	59.2	52.1	78.1

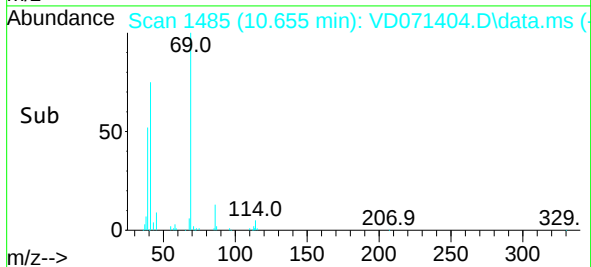
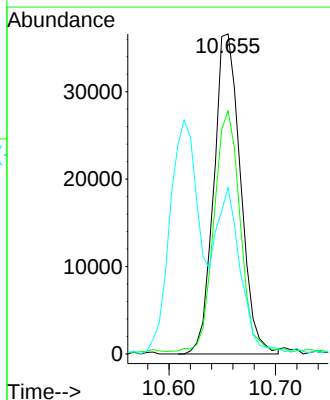
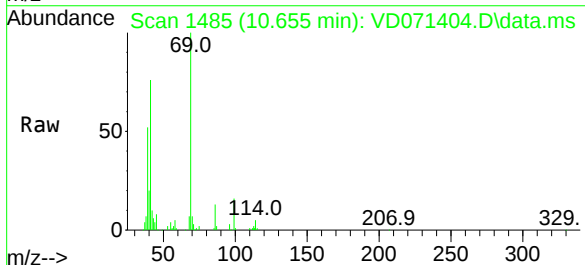
Manual Integrations
APPROVED

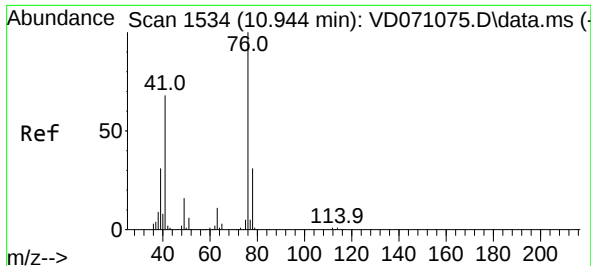
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#56
Ethyl methacrylate
Concen: 22.974 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.8	50.2	75.2
39	45.9	19.8	29.8





#57

1,3-Dichloropropane

Concen: 22.004 ug/l

RT: 10.938 min Scan# 1534

Delta R.T. -0.006 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01

Tgt Ion: 76 Resp: 88670

Ion Ratio Lower Upper

76 100

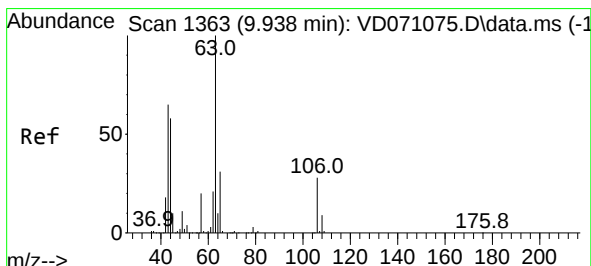
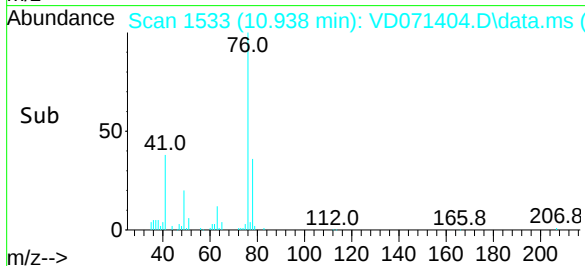
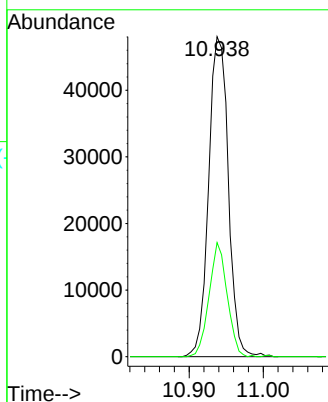
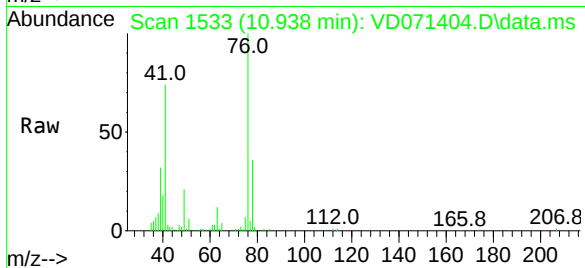
78 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#58

2-Chloroethyl Vinyl ether

Concen: 135.201 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071404.D

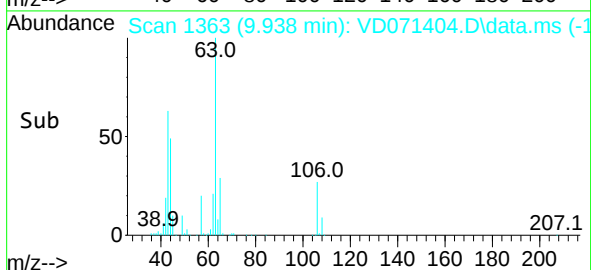
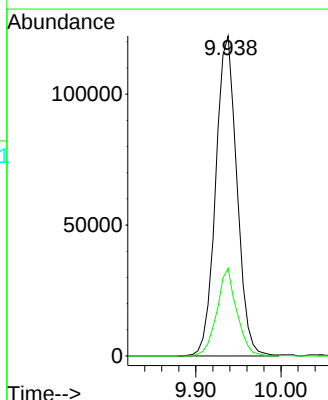
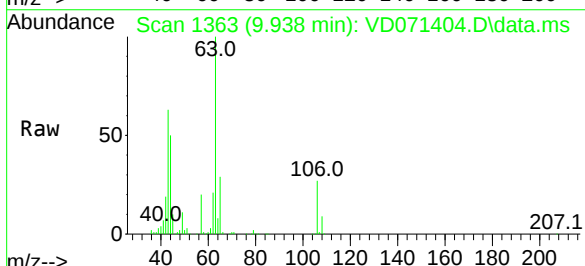
Acq: 21 Dec 2021 11:04

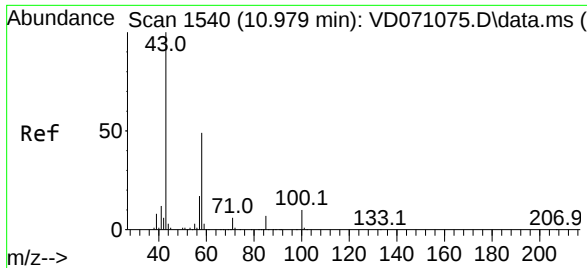
Tgt Ion: 63 Resp: 211044

Ion Ratio Lower Upper

63 100

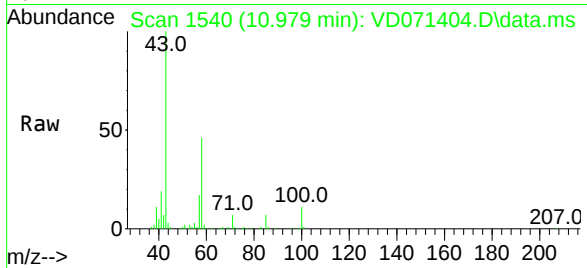
106 25.6 21.0 31.4





#59
2-Hexanone
Concen: 111.632 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

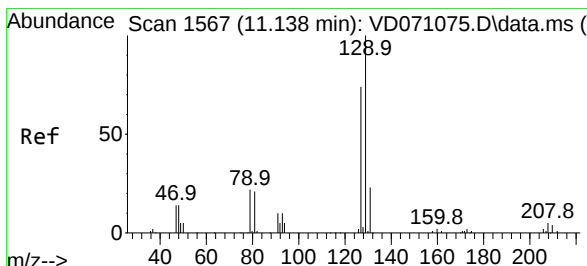
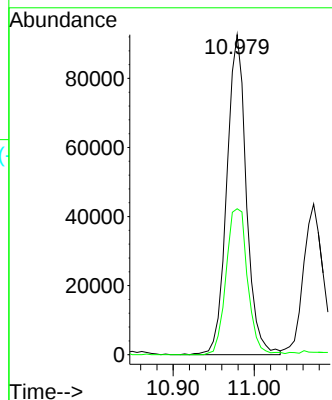
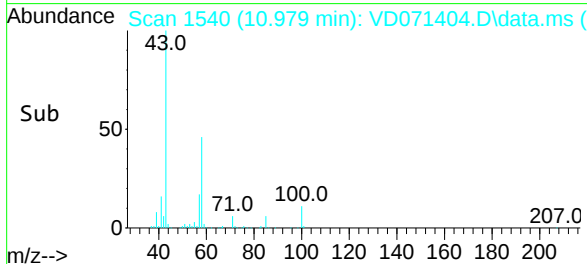
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



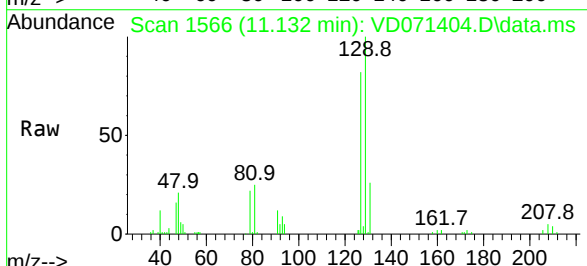
Tgt Ion: 43 Resp: 15485
Ion Ratio Lower Upper
43 100
58 50.2 28.7 86.1

Manual Integrations
APPROVED

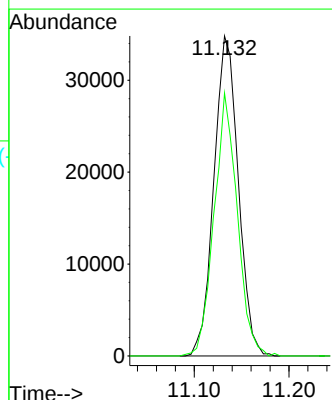
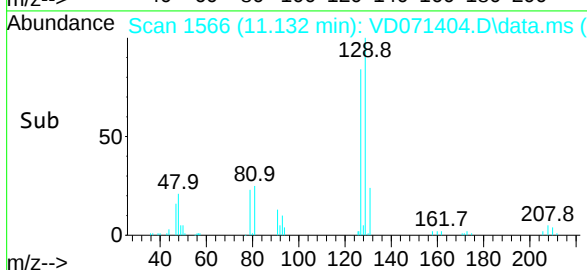
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

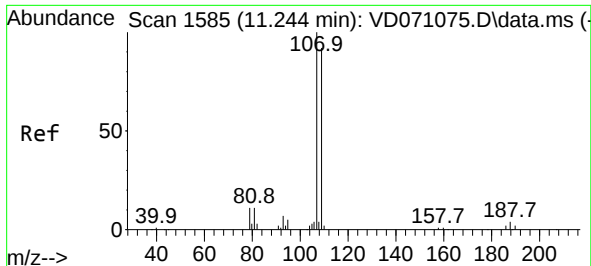


#60
Dibromochloromethane
Concen: 21.856 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



Tgt Ion:129 Resp: 62310
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6





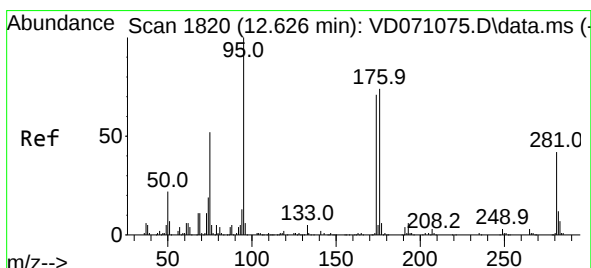
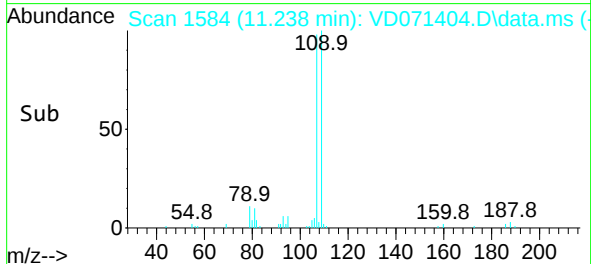
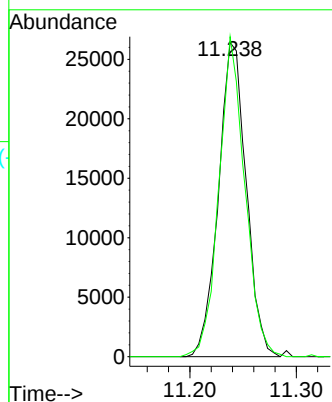
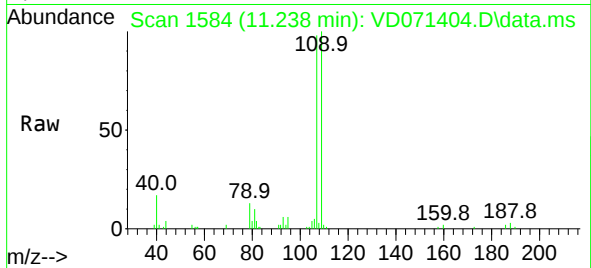
#61
1,2-Dibromoethane
Concen: 21.705 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01

Tgt Ion:107 Resp: 47818
Ion Ratio Lower Upper
107 100
109 95.2 74.6 112.0

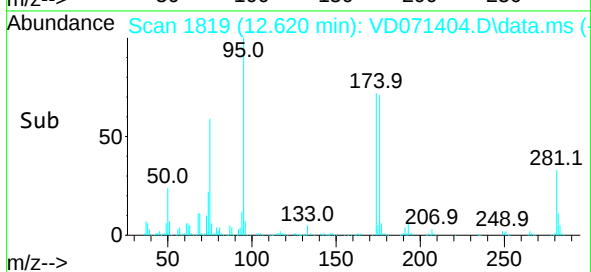
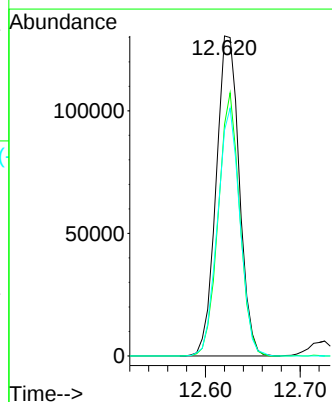
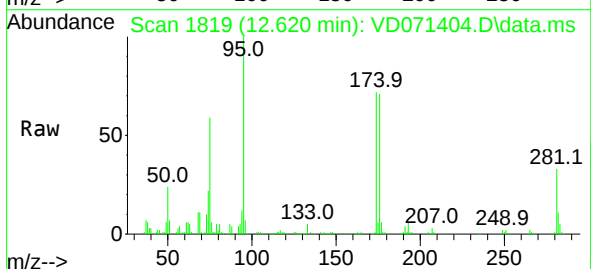
Manual Integrations
APPROVED

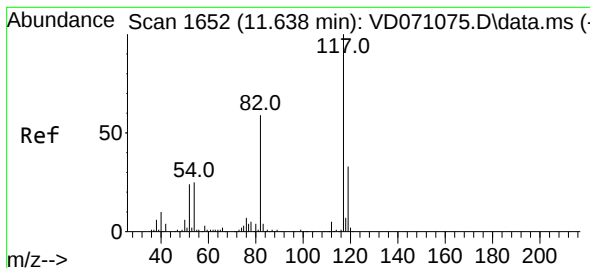
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#62
4-Bromofluorobenzene
Concen: 52.300 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

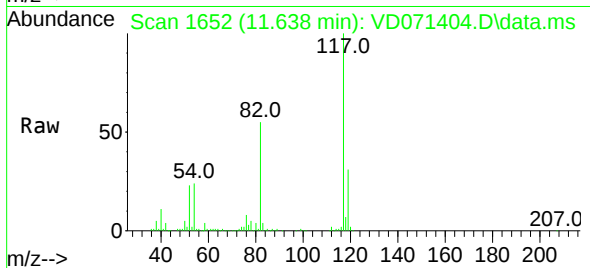
Tgt Ion: 95 Resp: 221779
Ion Ratio Lower Upper
95 100
174 75.8 0.0 159.4
176 75.0 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

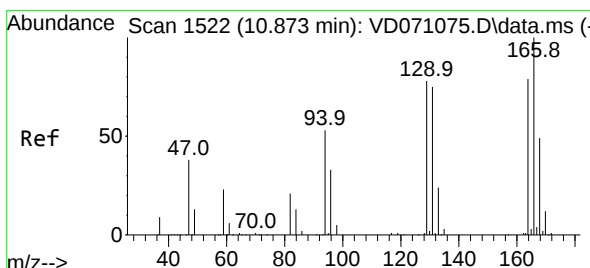
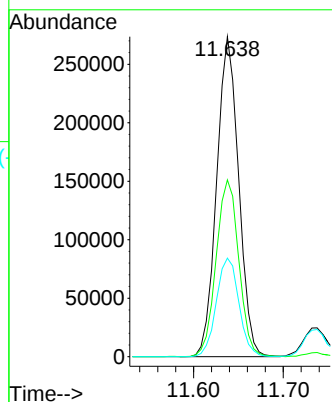
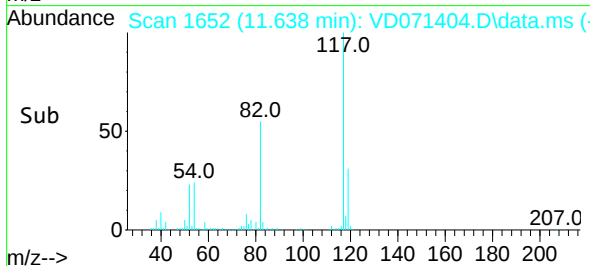
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



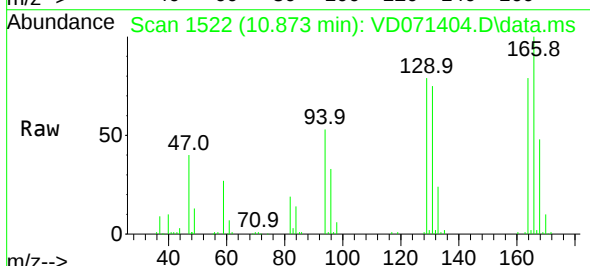
Tgt Ion:117 Resp: 465492
Ion Ratio Lower Upper
117 100
82 55.2 44.7 67.1
119 30.8 26.2 39.4

Manual Integrations
APPROVED

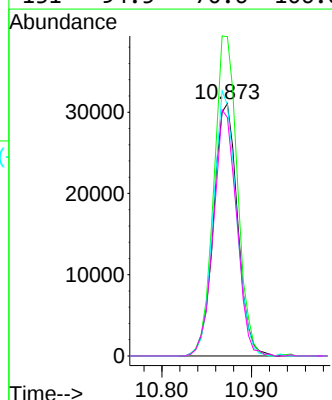
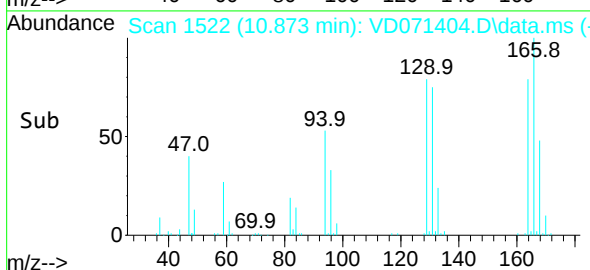
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

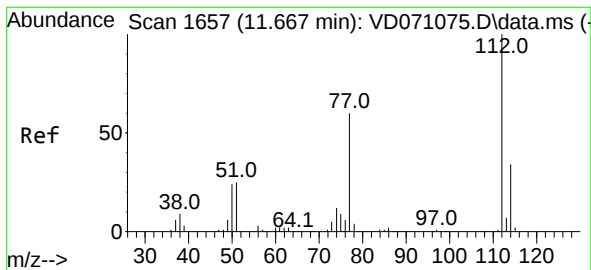


#64
Tetrachloroethene
Concen: 19.429 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



Tgt Ion:164 Resp: 57417
Ion Ratio Lower Upper
164 100
166 126.6 102.6 153.8
129 99.5 75.4 113.0
131 94.5 70.6 106.0





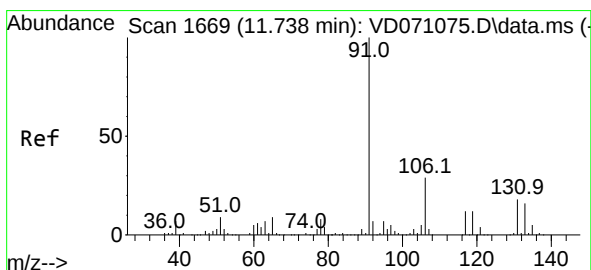
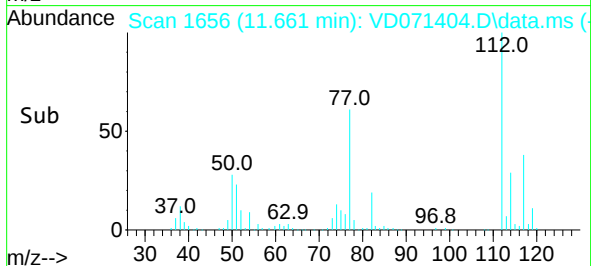
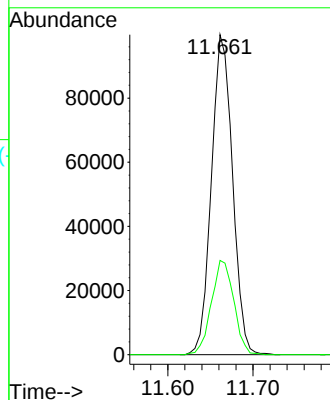
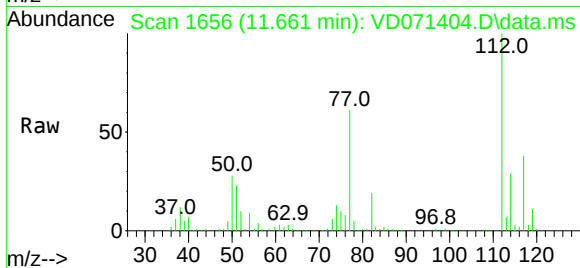
#65
Chlorobenzene
Concen: 19.884 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01

Tgt Ion:112 Resp: 171738
Ion Ratio Lower Upper
112 100
114 29.5 26.0 39.0

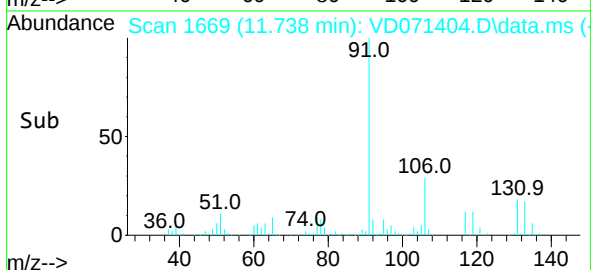
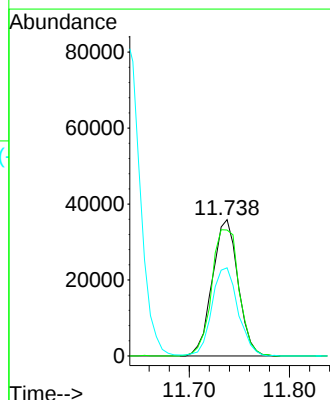
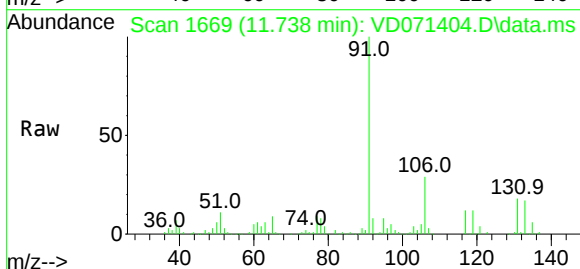
Manual Integrations
APPROVED

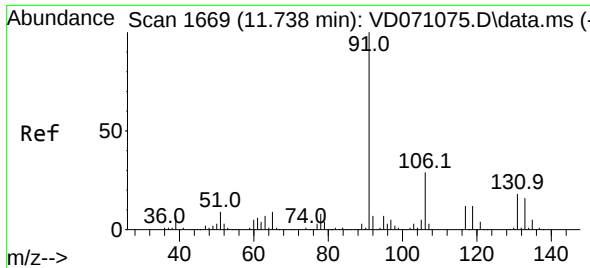
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.337 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

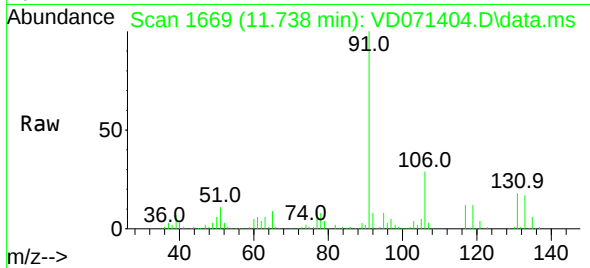
Tgt Ion:131 Resp: 64133
Ion Ratio Lower Upper
131 100
133 98.7 48.0 144.0
119 65.9 33.5 100.4





#67
Ethyl Benzene
Concen: 19.574 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

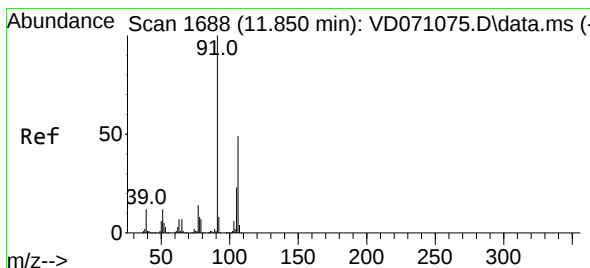
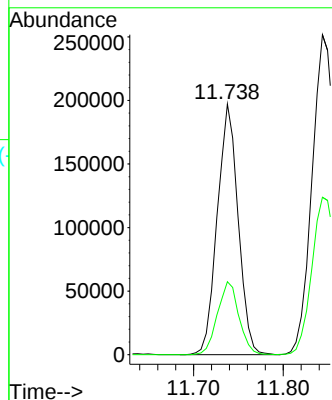
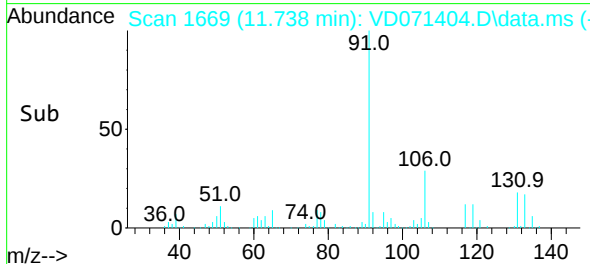
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



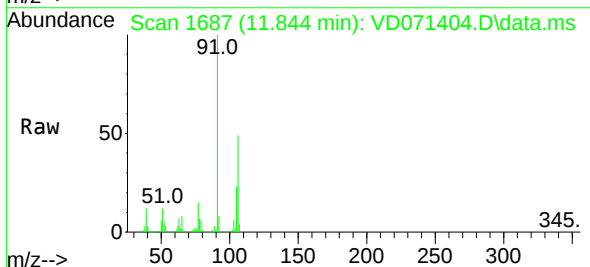
Tgt Ion: 91 Resp: 318248
Ion Ratio Lower Upper
91 100
106 29.1 24.6 36.8

Manual Integrations
APPROVED

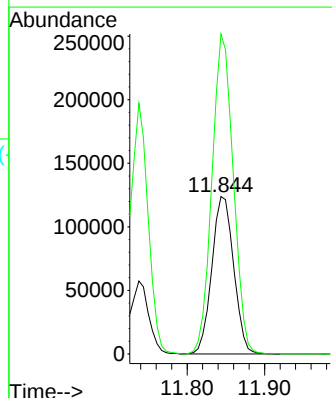
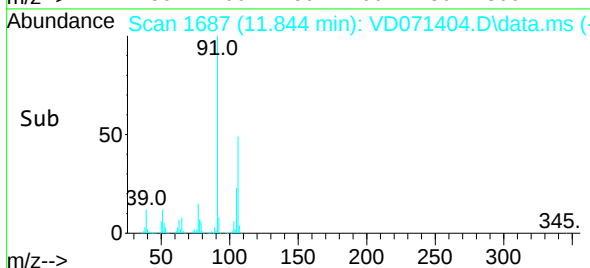
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

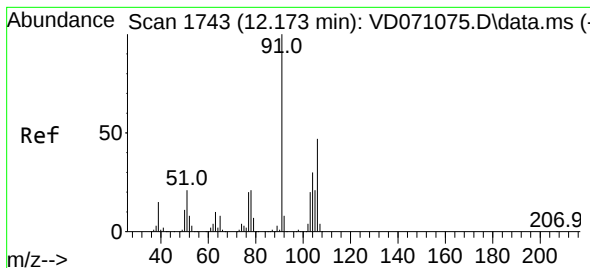


#68
m/p-Xylenes
Concen: 39.528 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



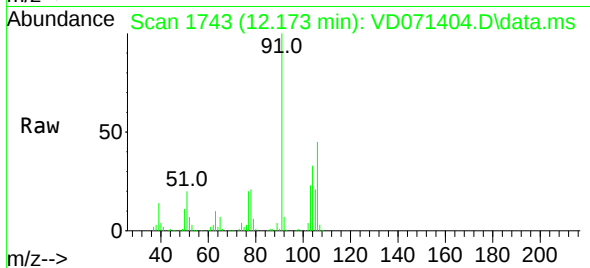
Tgt Ion:106 Resp: 242638
Ion Ratio Lower Upper
106 100
91 198.1 160.1 240.1





#69
o-Xylene
Concen: 19.299 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

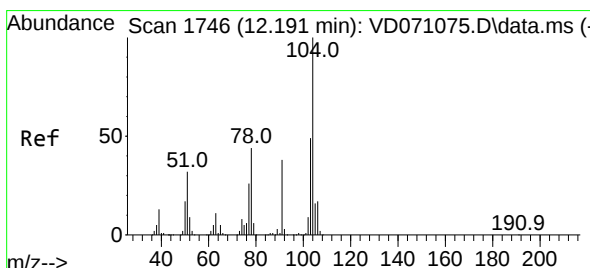
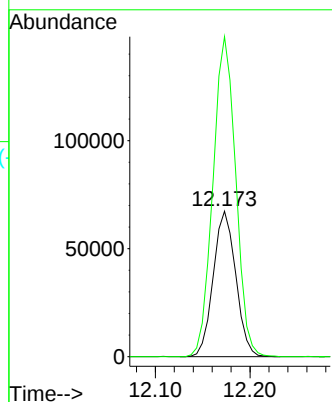
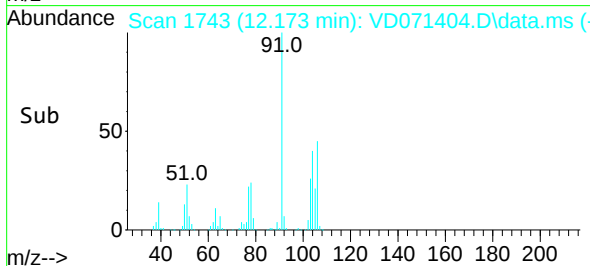
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



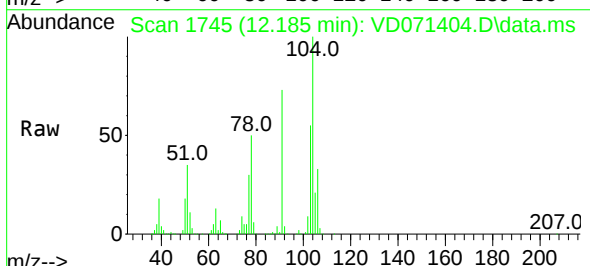
Tgt Ion:106 Resp: 11134
Ion Ratio Lower Upper
106 100
91 222.6 106.3 319.0

Manual Integrations
APPROVED

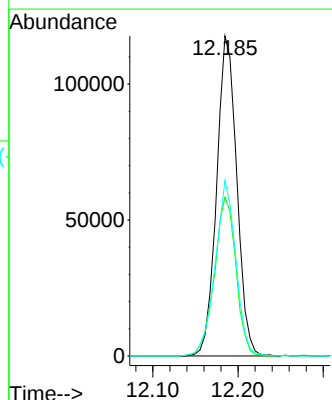
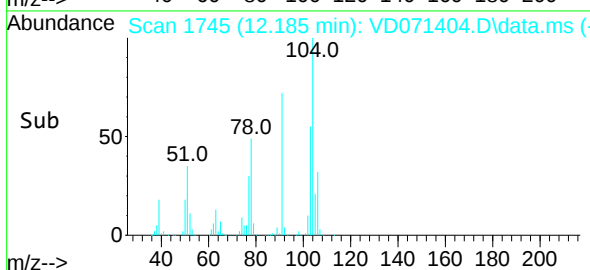
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

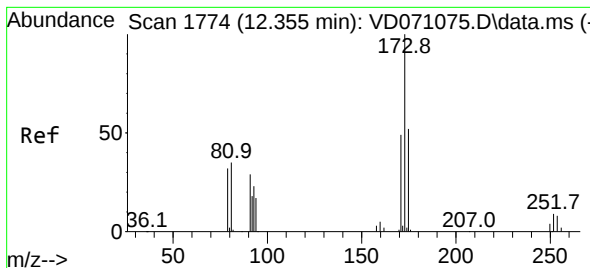


#70
Styrene
Concen: 19.934 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



Tgt Ion:104 Resp: 193830
Ion Ratio Lower Upper
104 100
78 52.9 39.4 59.0
103 56.0 43.4 65.0





#71

Bromoform

Concen: 21.445 ug/l

RT: 12.355 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01

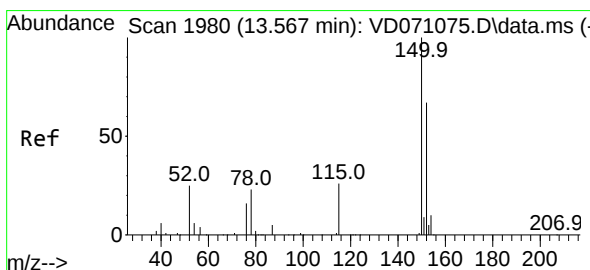
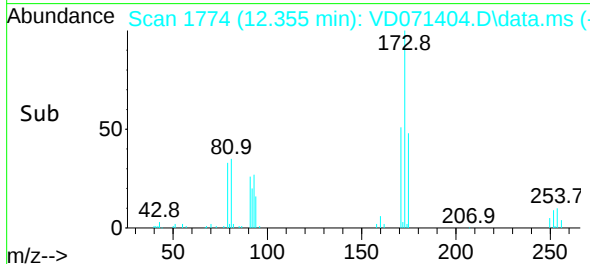
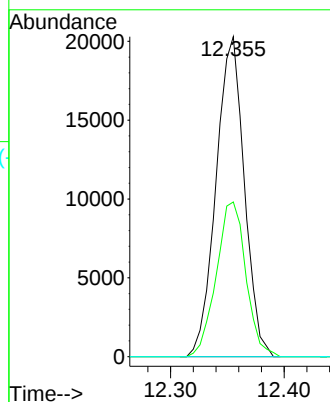
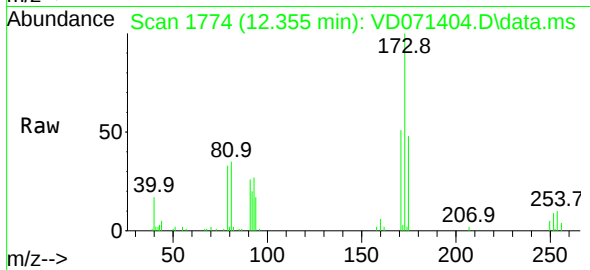
Tgt Ion:	173	Resp:	3503
Ion Ratio	Lower	Upper	
173	100		
175	50.7	24.1	72.2
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

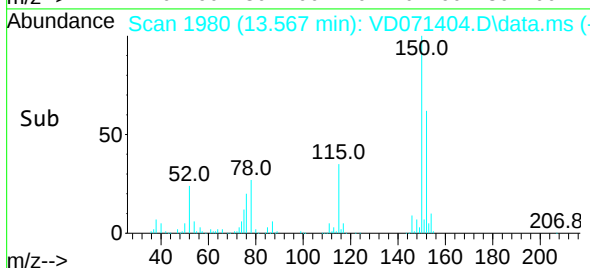
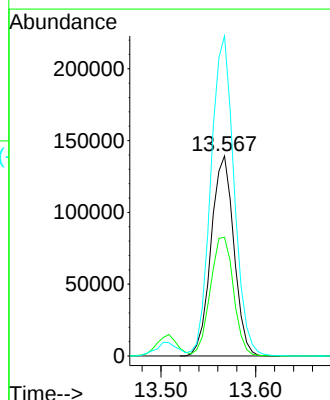
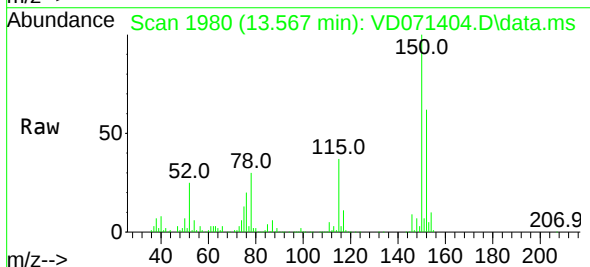
RT: 13.567 min Scan# 1980

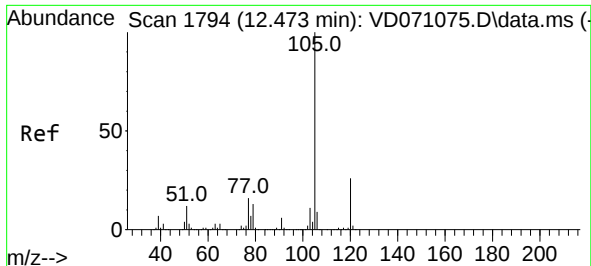
Delta R.T. 0.000 min

Lab File: VD071404.D

Acq: 21 Dec 2021 11:04

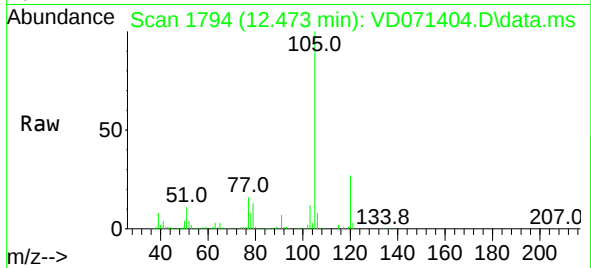
Tgt Ion:	152	Resp:	232658
Ion Ratio	Lower	Upper	
152	100		
115	60.5	29.8	89.3
150	163.0	0.0	349.2





#73
Isopropylbenzene
Concen: 17.969 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

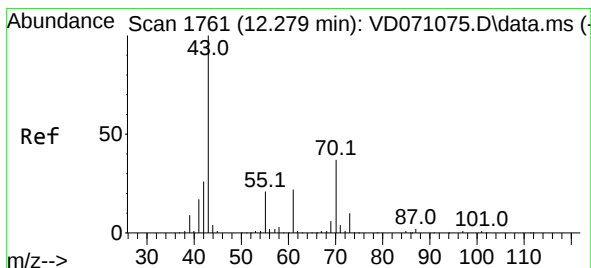
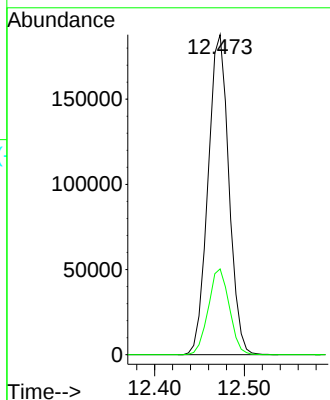
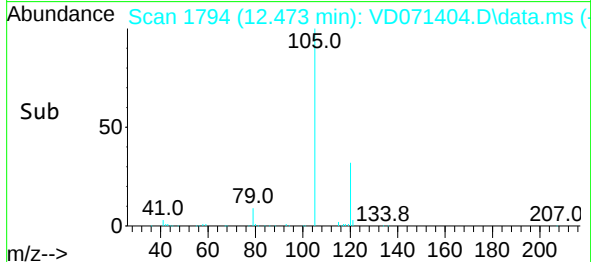
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



Tgt Ion:105 Resp: 302708
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.5

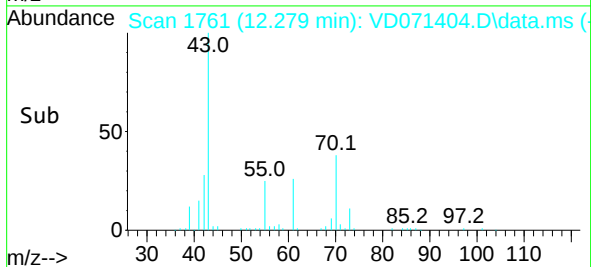
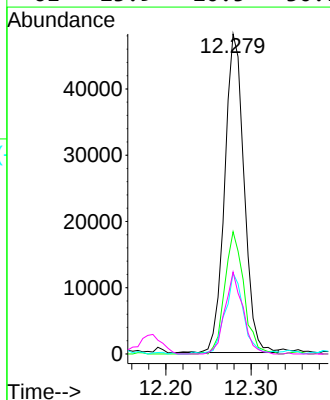
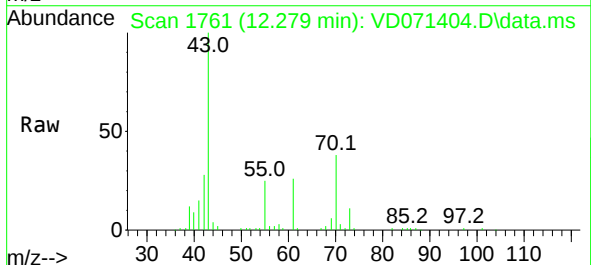
Manual Integrations
APPROVED

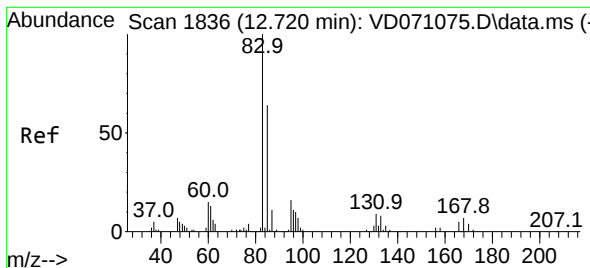
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#74
N-ethyl acetate
Concen: 20.295 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

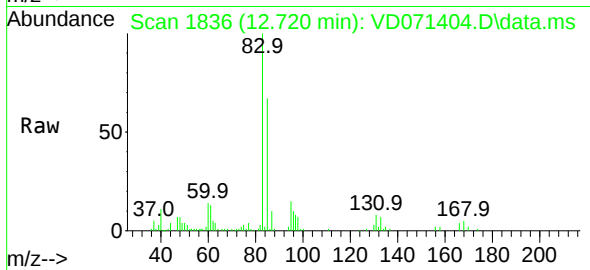
Tgt Ion: 43 Resp: 75974
Ion Ratio Lower Upper
43 100
70 38.0 36.6 55.0
55 24.2 22.5 33.7
61 23.9 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.141 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

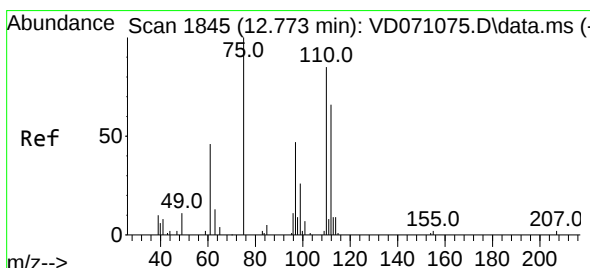
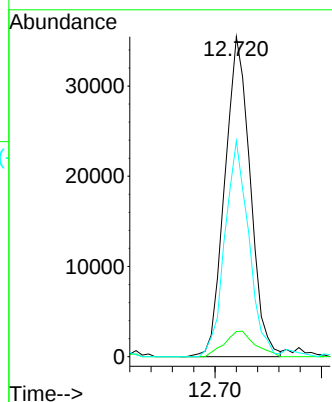
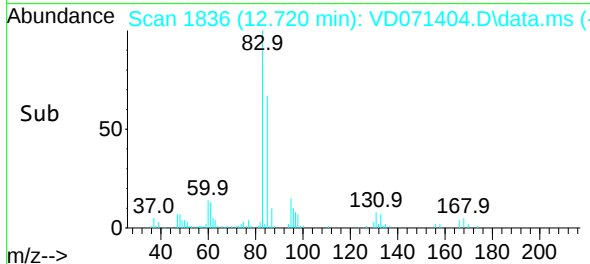
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



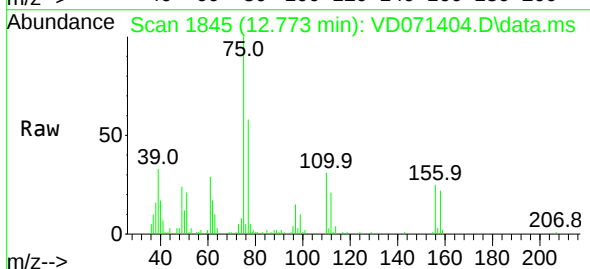
Tgt Ion: 83 Resp: 58649
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 63.8 32.0 96.2

Manual Integrations
APPROVED

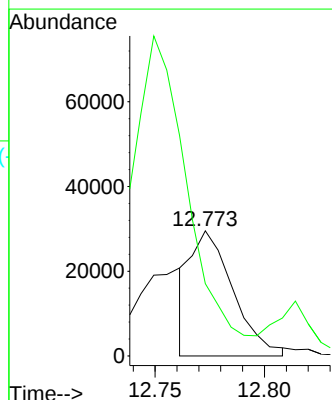
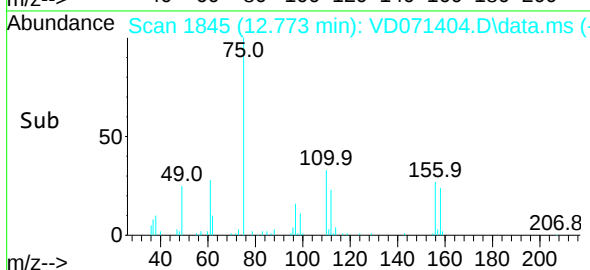
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

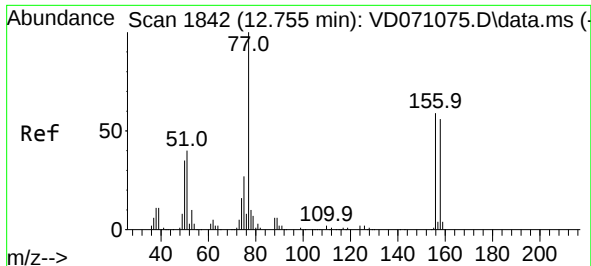


#76
1,2,3-Trichloropropane
Concen: 18.011 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



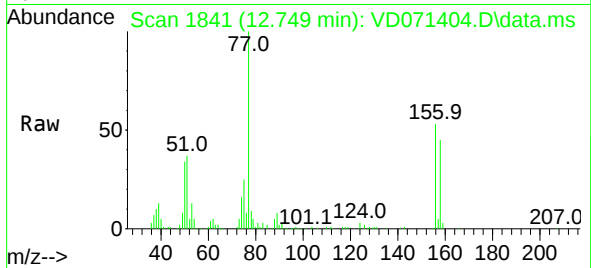
Tgt Ion: 75 Resp: 39925
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 18.869 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

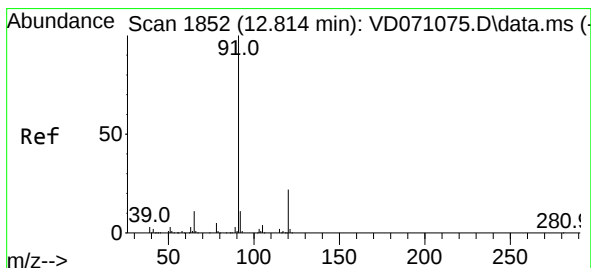
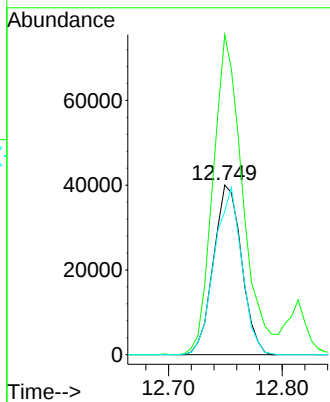
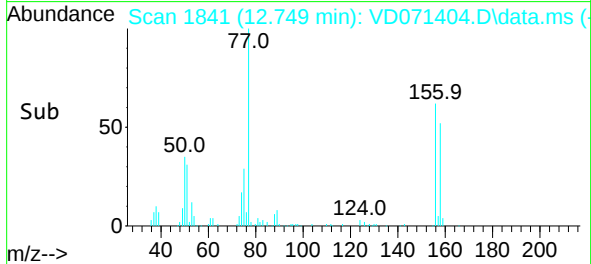
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



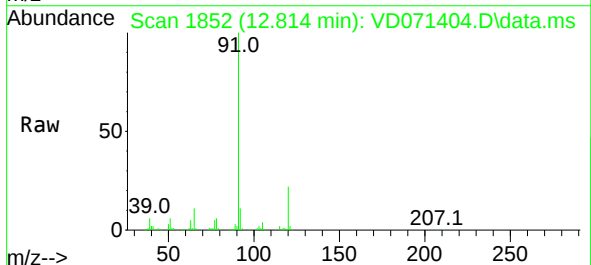
Tgt Ion:156 Resp: 68850
Ion Ratio Lower Upper
156 100
77 199.5 96.6 289.8
158 96.2 49.1 147.4

Manual Integrations
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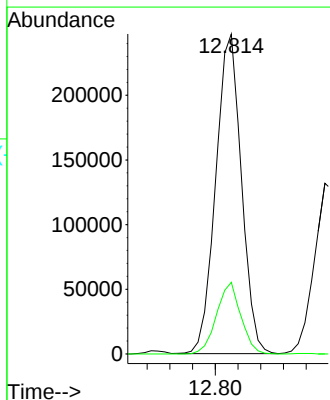
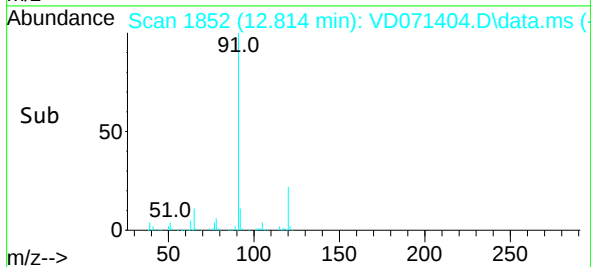
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

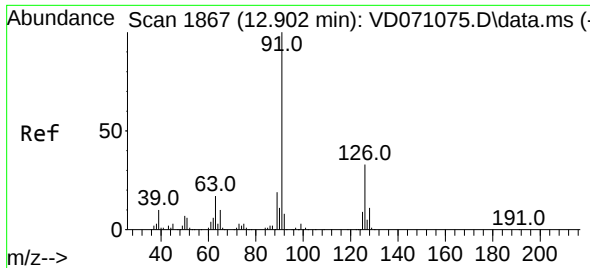


#78
n-propylbenzene
Concen: 18.480 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



Tgt Ion: 91 Resp: 387696
Ion Ratio Lower Upper
91 100
120 21.2 10.9 32.9





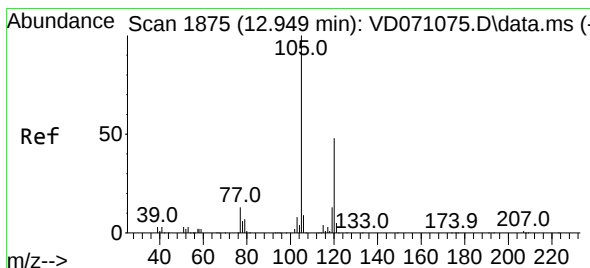
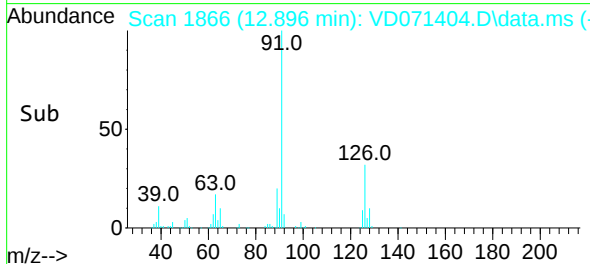
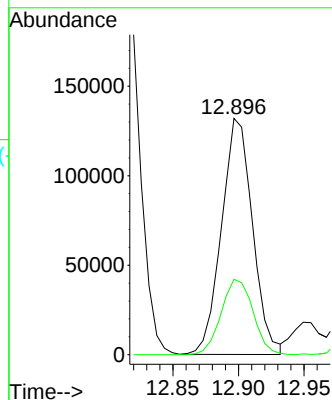
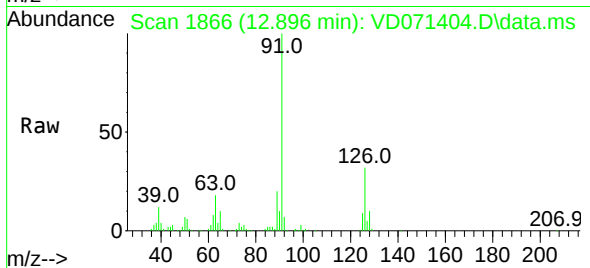
#79
2-Chlorotoluene
Concen: 18.477 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01

Tgt Ion: 91 Resp: 21756
Ion Ratio Lower Upper
91 100
126 32.7 16.6 49.7

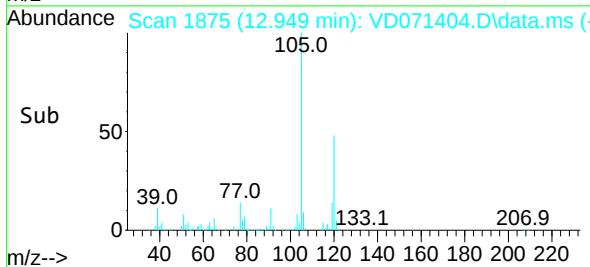
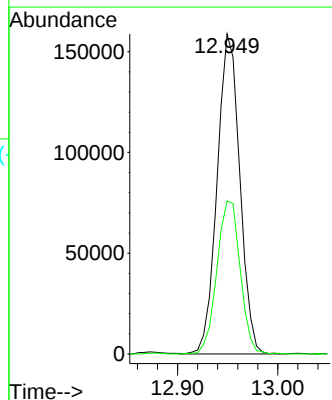
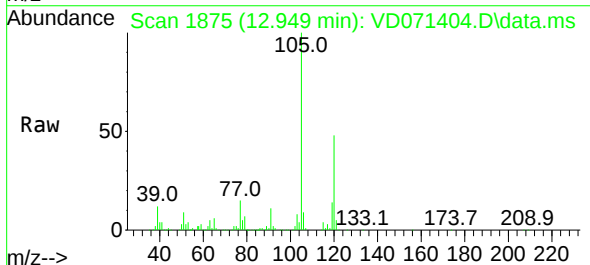
Manual Integrations
APPROVED

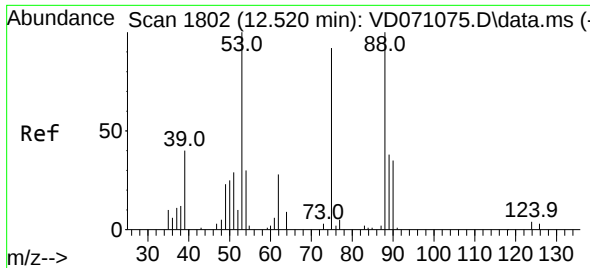
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#80
1,3,5-Trimethylbenzene
Concen: 17.939 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

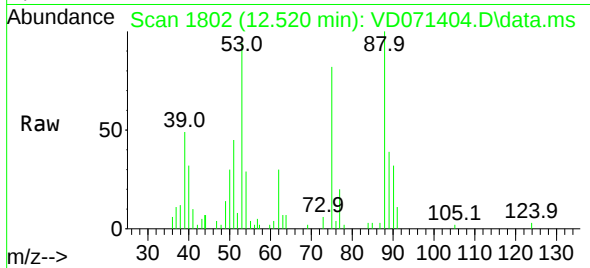
Tgt Ion:105 Resp: 249201
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 20.579 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

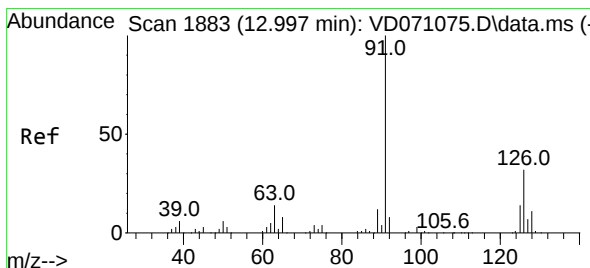
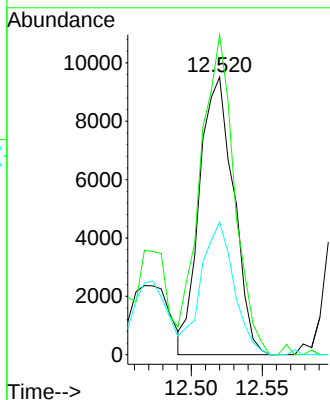
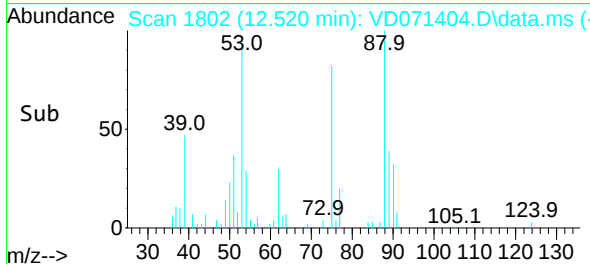
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



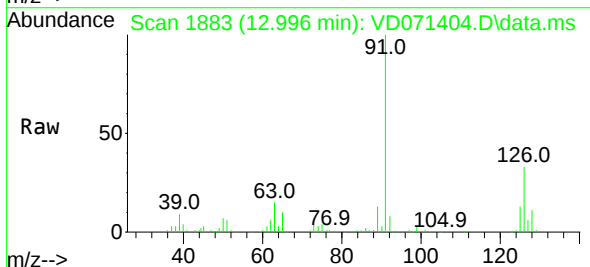
Tgt Ion: 75 Resp: 15864
Ion Ratio Lower Upper
75 100
53 115.0 62.6 94.0
89 46.2 34.5 51.7

Manual Integrations
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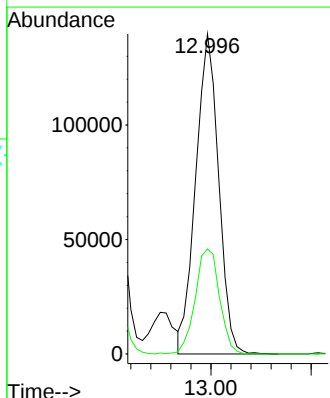
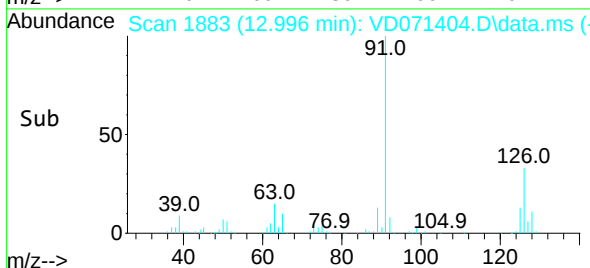
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

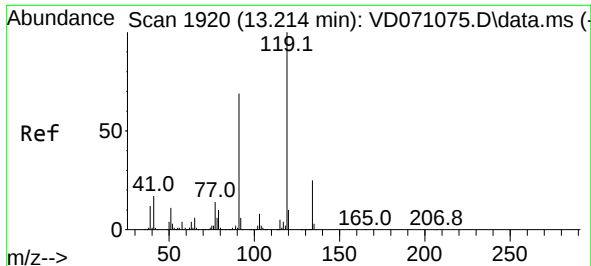


#82
4-Chlorotoluene
Concen: 18.121 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



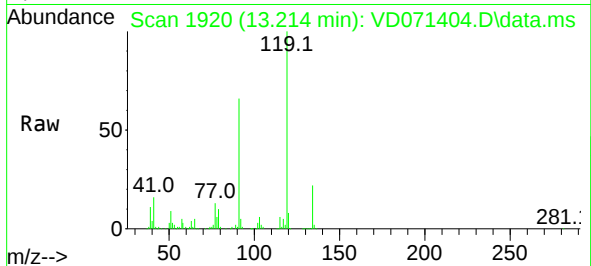
Tgt Ion: 91 Resp: 221512
Ion Ratio Lower Upper
91 100
126 34.9 16.4 49.1





#83
tert-Butylbenzene
Concen: 18.515 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

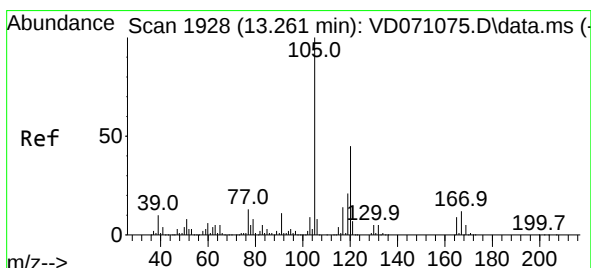
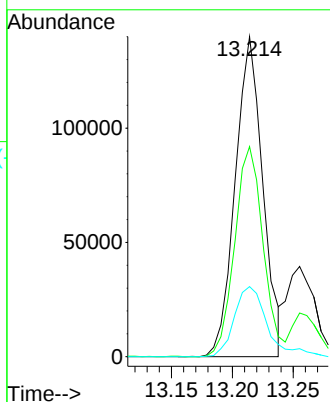
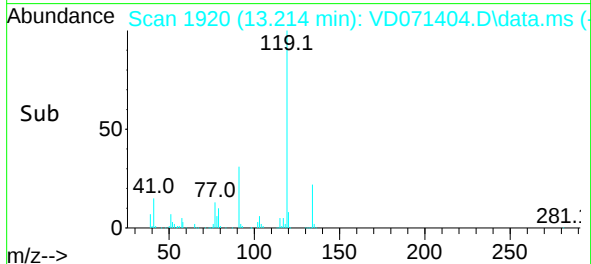
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



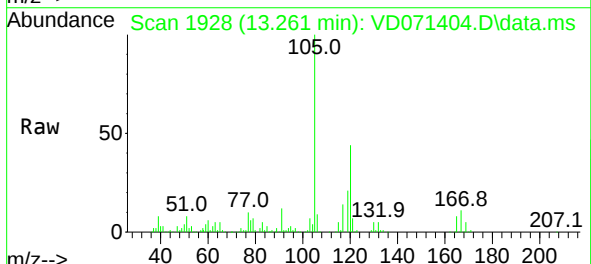
Tgt Ion:119 Resp: 22089
Ion Ratio Lower Upper
119 100
91 67.7 32.5 97.5
134 26.2 13.2 39.6

Manual Integrations
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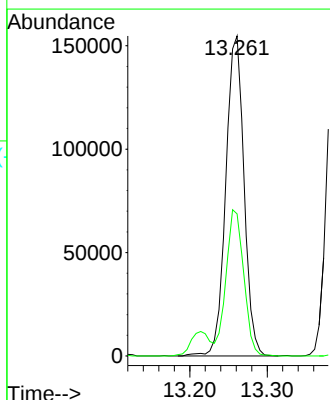
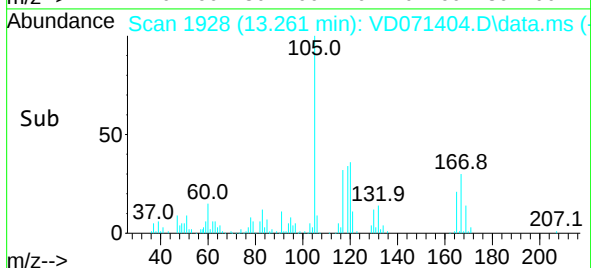
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

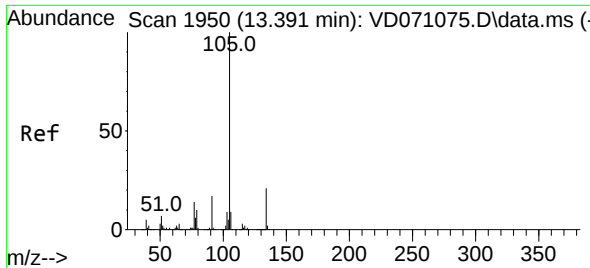


#84
1,2,4-Trimethylbenzene
Concen: 18.621 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



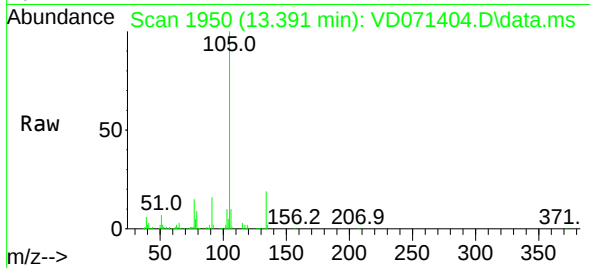
Tgt Ion:105 Resp: 252544
Ion Ratio Lower Upper
105 100
120 44.4 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 18.491 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071404.D
 Acq: 21 Dec 2021 11:04

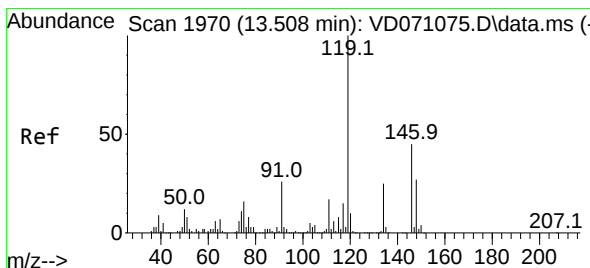
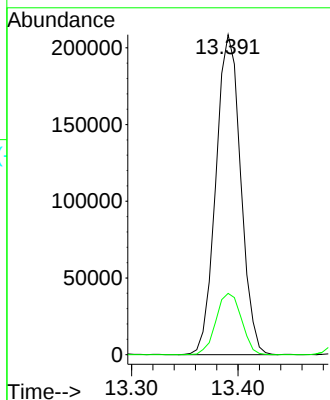
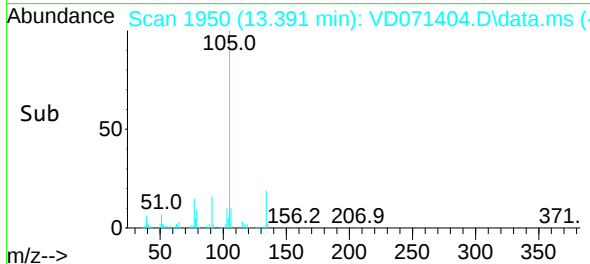
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS01



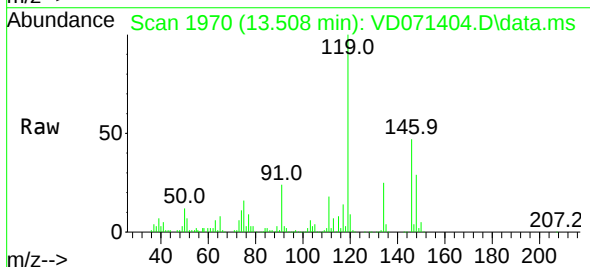
Tgt Ion:105 Resp: 33694
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9

Manual Integrations
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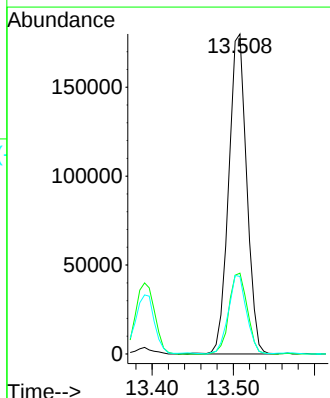
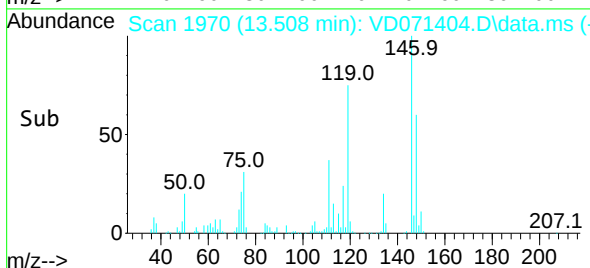
Reviewed By :Semsettin Yesilyurt 12/22/2021
 Supervised By :Amit Patel 12/24/2021

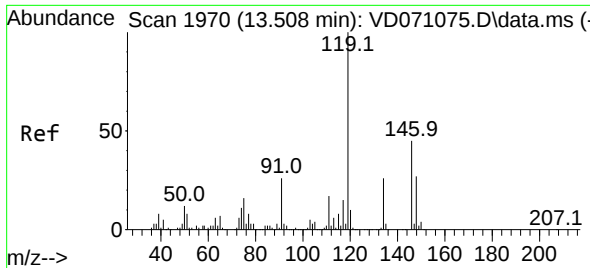


#86
 p-Isopropyltoluene
 Concen: 18.582 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071404.D
 Acq: 21 Dec 2021 11:04



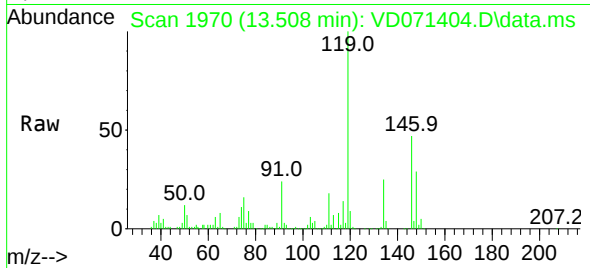
Tgt Ion:119 Resp: 276938
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 24.9 11.4 34.2





#87
 1,3-Dichlorobenzene
 Concen: 19.575 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071404.D
 Acq: 21 Dec 2021 11:04

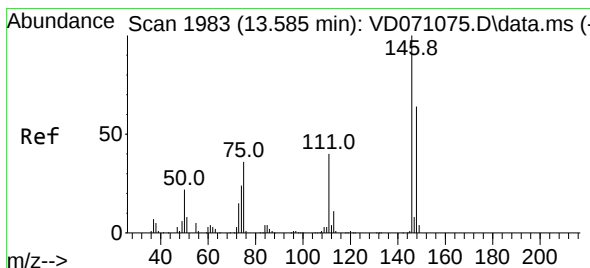
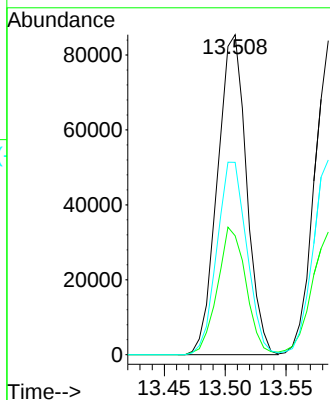
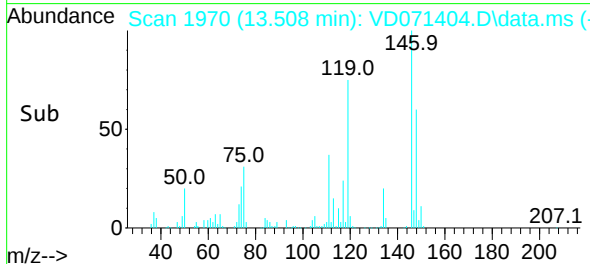
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS01



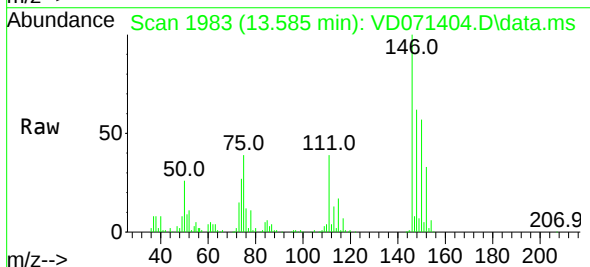
Tgt Ion:146 Resp: 142190
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.8 59.4
 148 61.7 32.1 96.3

Manual Integrations
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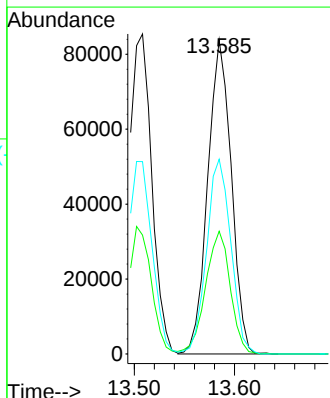
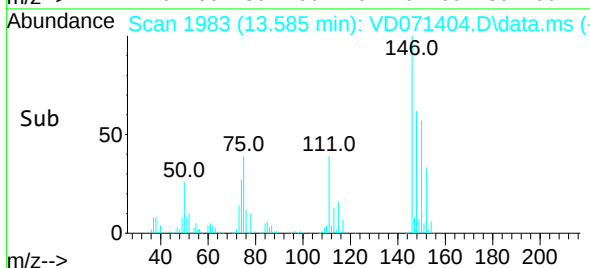
Reviewed By :Semsettin Yesilyurt 12/22/2021
 Supervised By :Amit Patel 12/24/2021

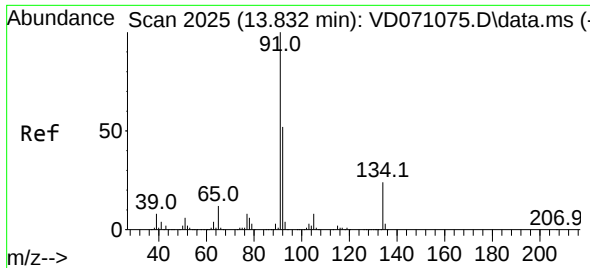


#88
 1,4-Dichlorobenzene
 Concen: 19.008 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VD071404.D
 Acq: 21 Dec 2021 11:04



Tgt Ion:146 Resp: 136788
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.6 58.8
 148 64.0 31.5 94.5





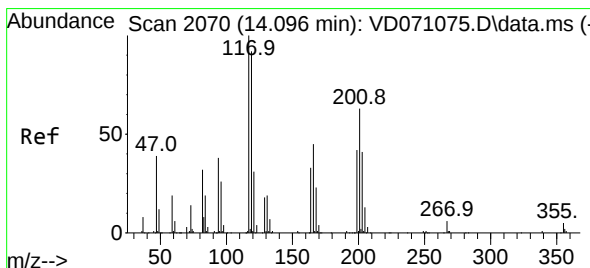
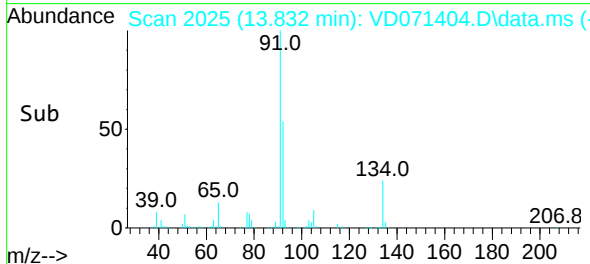
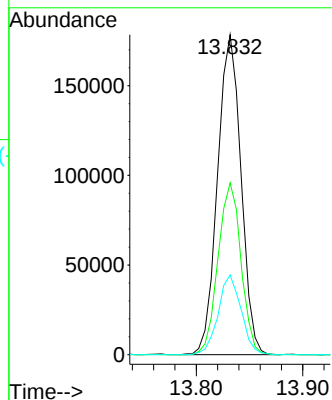
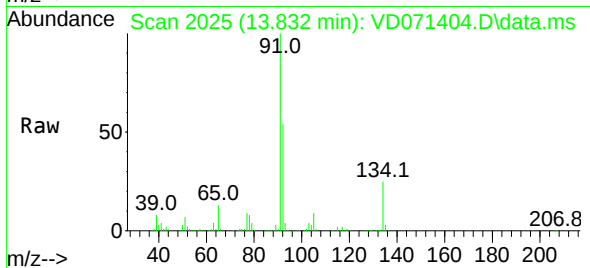
#89
n-Butylbenzene
Concen: 18.753 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01

Tgt Ion: 91 Resp: 272830
Ion Ratio Lower Upper
91 100
92 52.5 27.3 81.9
134 24.4 12.3 36.9

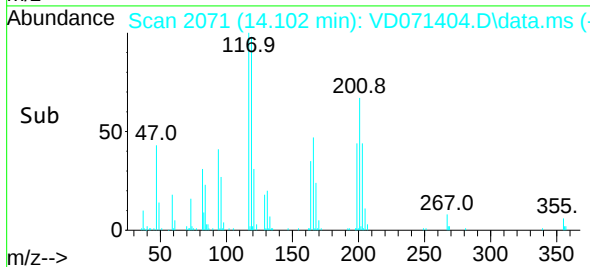
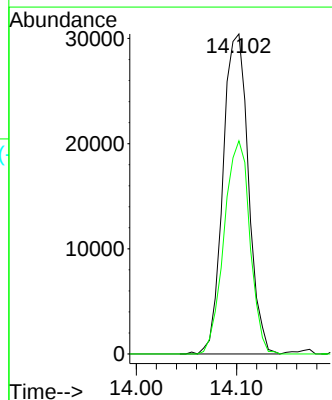
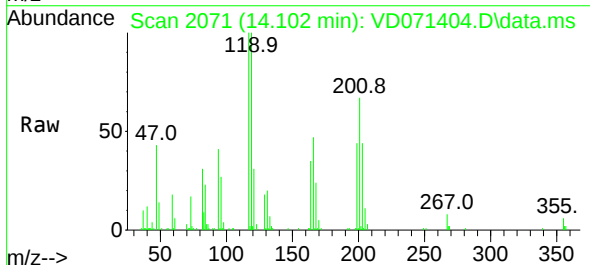
Manual Integrations
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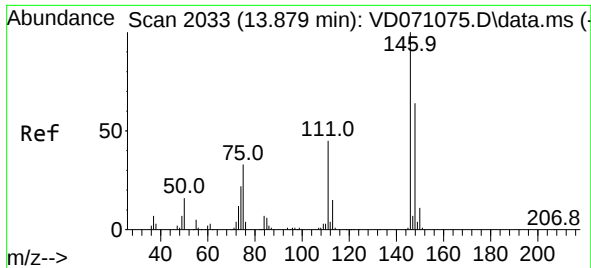
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#90
Hexachloroethane
Concen: 18.970 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

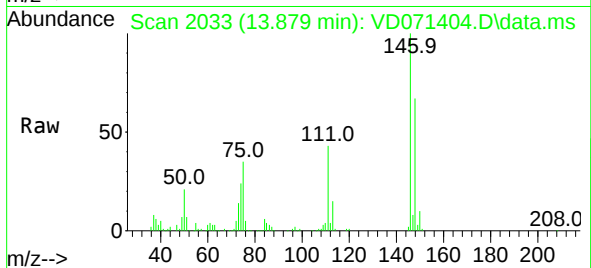
Tgt Ion:117 Resp: 53595
Ion Ratio Lower Upper
117 100
201 67.6 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 19.368 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

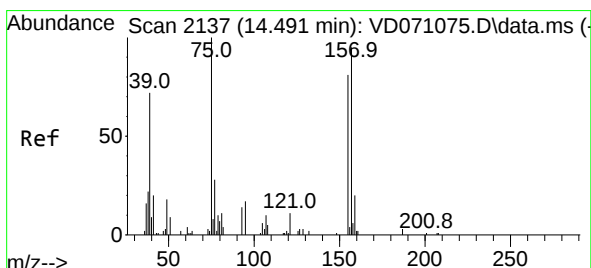
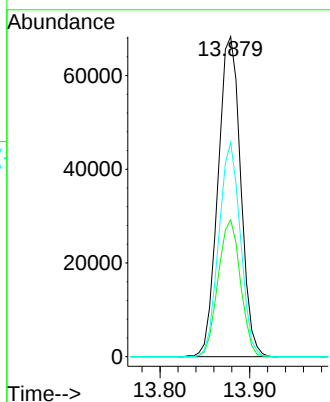
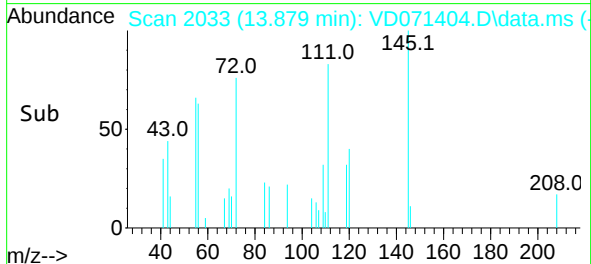
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



Tgt Ion:146 Resp: 119640
Ion Ratio Lower Upper
146 100
111 42.2 20.8 62.2
148 63.6 31.7 95.1

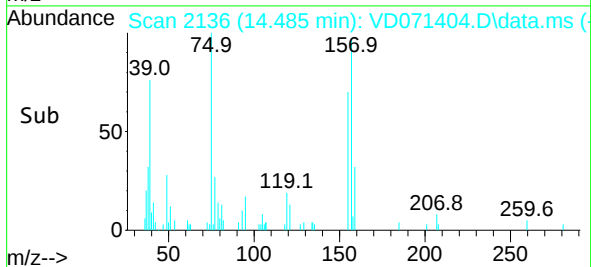
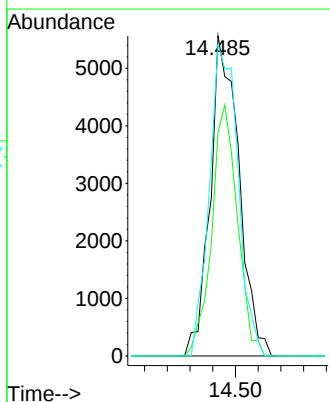
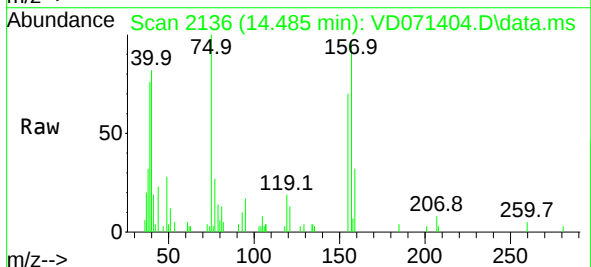
Manual Integrations
APPROVED

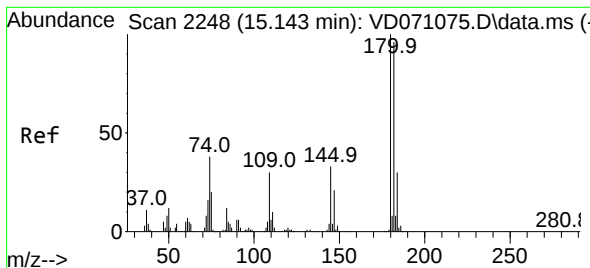
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.652 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

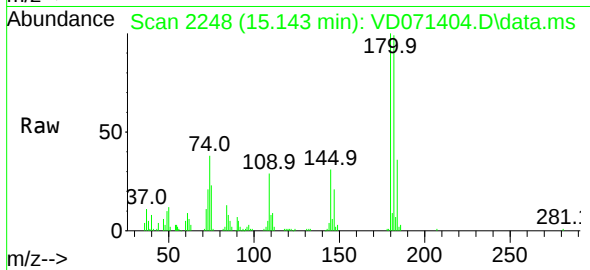
Tgt Ion: 75 Resp: 9782
Ion Ratio Lower Upper
75 100
155 70.2 40.0 120.0
157 96.9 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 18.660 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

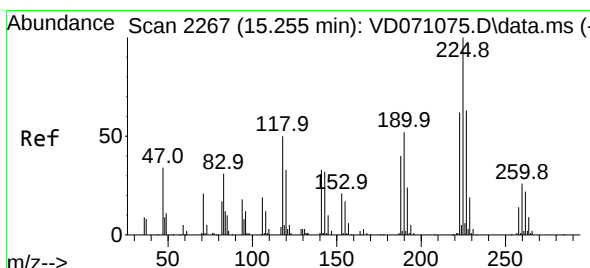
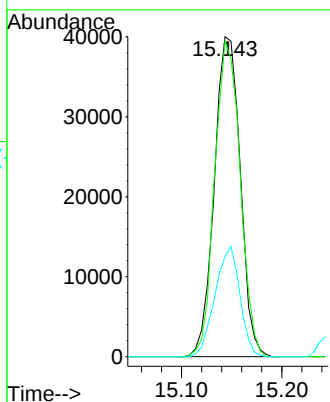
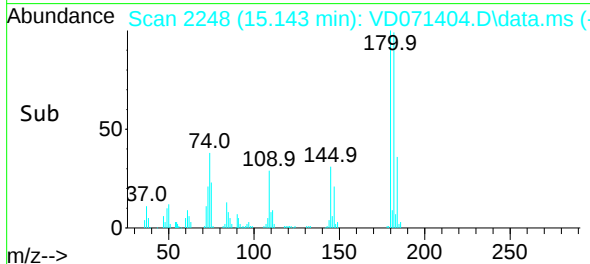
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



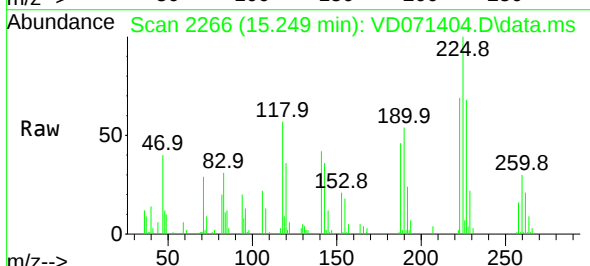
Tgt Ion:180 Resp: 7189
Ion Ratio Lower Upper
180 100
182 96.9 48.2 144.6
145 32.9 15.4 46.2

Manual Integrations
APPROVED

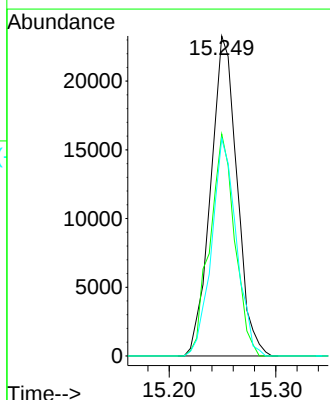
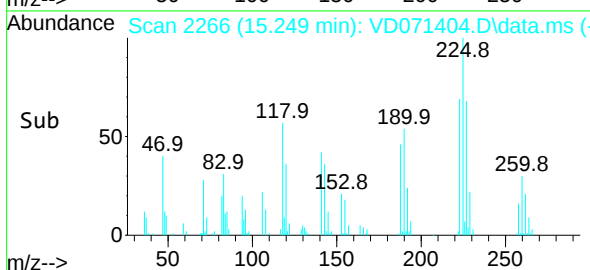
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

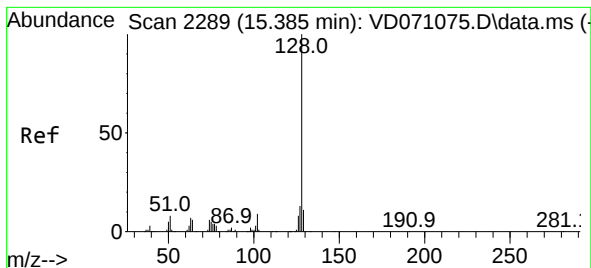


#94
Hexachlorobutadiene
Concen: 18.315 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



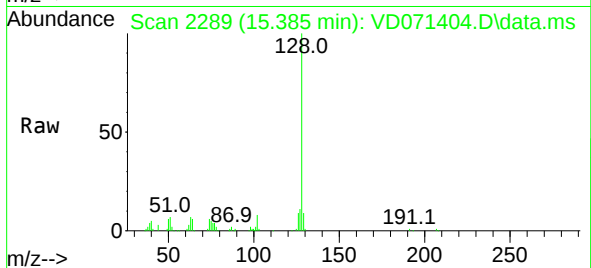
Tgt Ion:225 Resp: 39929
Ion Ratio Lower Upper
225 100
223 65.7 31.8 95.3
227 63.9 31.6 94.8





#95
Naphthalene
Concen: 19.134 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04

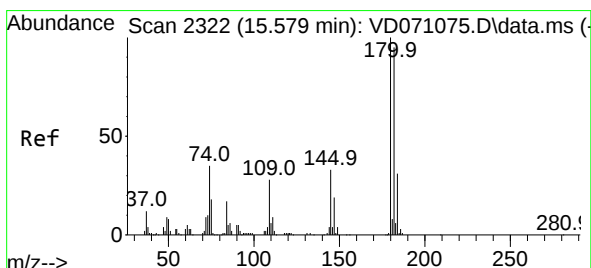
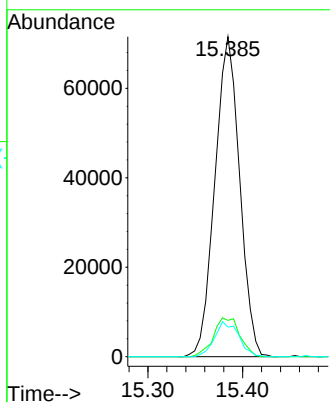
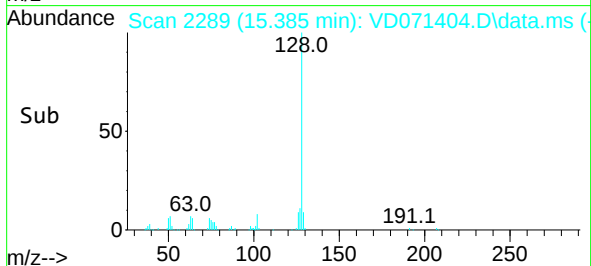
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



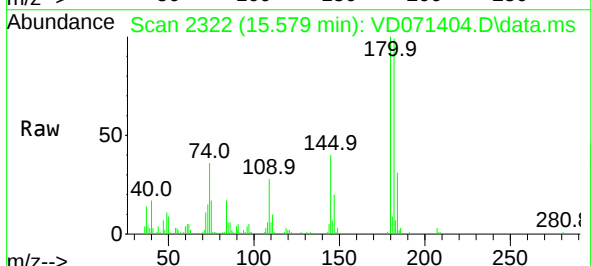
Tgt Ion:128 Resp: 12996
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#96
1,2,3-Trichlorobenzene
Concen: 18.673 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071404.D
Acq: 21 Dec 2021 11:04



Tgt Ion:180 Resp: 61109
Ion Ratio Lower Upper
180 100
182 97.8 46.7 140.1
145 36.2 15.9 47.6

