

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075392.D
 Acq On : 21 Feb 2023 20:28
 Operator : KP/SY
 Sample : VD0221SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

Quant Time: Feb 22 00:55:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	57179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	92524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	82837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	40502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25340	51.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.140%	
35) Dibromofluoromethane	7.810	113	26006	47.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.700%	
50) Toluene-d8	10.269	98	88669	44.732	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.460%	
62) 4-Bromofluorobenzene	12.575	95	30949	46.497	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	14143	22.125	ug/l	94
3) Chloromethane	2.146	50	19760	21.127	ug/l	98
4) Vinyl Chloride	2.281	62	21053	21.204	ug/l	98
5) Bromomethane	2.687	94	12297	21.811	ug/l	98
6) Chloroethane	2.834	64	13045	19.013	ug/l	100
7) Trichlorofluoromethane	3.175	101	24201	20.753	ug/l	91
8) Diethyl Ether	3.599	74	5546	20.425	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	13890	20.898	ug/l	96
10) Methyl Iodide	4.169	142	12903	21.396	ug/l	99
11) Tert butyl alcohol	5.052	59	4252	107.416	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	13014	21.002	ug/l	90
13) Acrolein	3.799	56	1933	141.227	ug/l	94
14) Allyl chloride	4.564	41	20031	20.443	ug/l	96
15) Acrylonitrile	5.258	53	12850	98.019	ug/l	96
16) Acetone	4.028	43	12735	86.056	ug/l	95
17) Carbon Disulfide	4.275	76	43774	20.058	ug/l	97
18) Methyl Acetate	4.564	43	9208	19.857	ug/l	96
19) Methyl tert-butyl Ether	5.322	73	25431	20.271	ug/l	97
20) Methylene Chloride	4.805	84	17112	20.374	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	14861	21.455	ug/l	85
22) Diisopropyl ether	6.216	45	37429	19.997	ug/l	98
23) Vinyl Acetate	6.158	43	62614	115.399	ug/l	96
24) 1,1-Dichloroethane	6.111	63	25351	20.625	ug/l	96
25) 2-Butanone	7.081	43	17307	93.782	ug/l	99
26) 2,2-Dichloropropane	7.069	77	21589	20.195	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	14726	19.986	ug/l	96
28) Bromochloromethane	7.428	49	5955	21.563	ug/l	98
29) Tetrahydrofuran	7.452	42	10364	99.571	ug/l	98
30) Chloroform	7.599	83	25701	20.822	ug/l	98
31) Cyclohexane	7.875	56	22106	19.049	ug/l #	96
32) 1,1,1-Trichloroethane	7.799	97	23314	20.520	ug/l	99
36) 1,1-Dichloropropene	8.010	75	19593	19.902	ug/l	97
37) Ethyl Acetate	7.169	43	7496	19.456	ug/l #	99
38) Carbon Tetrachloride	7.999	117	19891	20.165	ug/l	91
39) Methylcyclohexane	9.275	83	22889	19.726	ug/l	90
40) Benzene	8.252	78	55921	20.750	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	3740	16.926	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	15402	20.468	ug/l	100
43) Isopropyl Acetate	8.363	43	14138	19.530	ug/l	97
44) Trichloroethene	9.028	130	14802	20.502	ug/l	97
45) 1,2-Dichloropropane	9.310	63	13179	20.053	ug/l	97
46) Dibromomethane	9.399	93	7262	20.293	ug/l	100
47) Bromodichloromethane	9.581	83	19103	20.977	ug/l #	87
48) Methyl methacrylate	9.381	41	7316	20.104	ug/l	96
49) 1,4-Dioxane	9.387	88	1304	420.030	ug/l #	83
51) 4-Methyl-2-Pentanone	10.163	43	36460	99.448	ug/l	100
52) Toluene	10.334	92	34014	20.500	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	15788	21.177	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	18603	20.582	ug/l	97
55) 1,1,2-Trichloroethane	10.740	97	9325	20.114	ug/l #	85
56) Ethyl methacrylate	10.599	69	10408	20.174	ug/l	99
57) 1,3-Dichloropropane	10.881	76	16242	20.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	14396	127.571	ug/l	99
59) 2-Hexanone	10.922	43	25042	96.796	ug/l	100
60) Dibromochloromethane	11.075	129	11891	20.061	ug/l	98
61) 1,2-Dibromoethane	11.181	107	9188	20.901	ug/l	99
64) Tetrachloroethene	10.810	164	12063	20.344	ug/l	98
65) Chlorobenzene	11.610	112	35725	20.619	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	13159	20.915	ug/l	99
67) Ethyl Benzene	11.687	91	63799	20.304	ug/l	99
68) m/p-Xylenes	11.793	106	50222	40.776	ug/l	99
69) o-Xylene	12.128	106	22735	20.155	ug/l	100
70) Styrene	12.140	104	39441	20.950	ug/l	100
71) Bromoform	12.298	173	6629	20.559	ug/l #	97
73) Isopropylbenzene	12.422	105	61979	20.295	ug/l	98
74) N-amyl acetate	12.234	43	12885	19.708	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	10545	20.604	ug/l	93
76) 1,2,3-Trichloropropane	12.728	75	12719	43.410	ug/l #	100
77) Bromobenzene	12.704	156	13918	20.164	ug/l	98
78) n-propylbenzene	12.769	91	77364	20.246	ug/l	100
79) 2-Chlorotoluene	12.851	91	42098	20.402	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	51812	20.500	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	2494	23.425	ug/l	86
82) 4-Chlorotoluene	12.951	91	43156	19.824	ug/l	96
83) tert-Butylbenzene	13.169	119	42911	19.586	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	52328	20.962	ug/l	98
85) sec-Butylbenzene	13.345	105	65851	19.510	ug/l	98
86) p-Isopropyltoluene	13.463	119	56648	20.659	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	29284	20.598	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	28282	20.277	ug/l	99
89) n-Butylbenzene	13.792	91	52915	19.617	ug/l	99
90) Hexachloroethane	14.057	117	11188	20.339	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	24054	20.179	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1651	22.224	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	14302	19.732	ug/l	98
94) Hexachlorobutadiene	15.204	225	8106	19.321	ug/l	97
95) Naphthalene	15.334	128	25439	19.838	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	12145	19.817	ug/l	99

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QLast Update : Tue Feb 21 16:26:04 2023
Response via : Initial Calibration

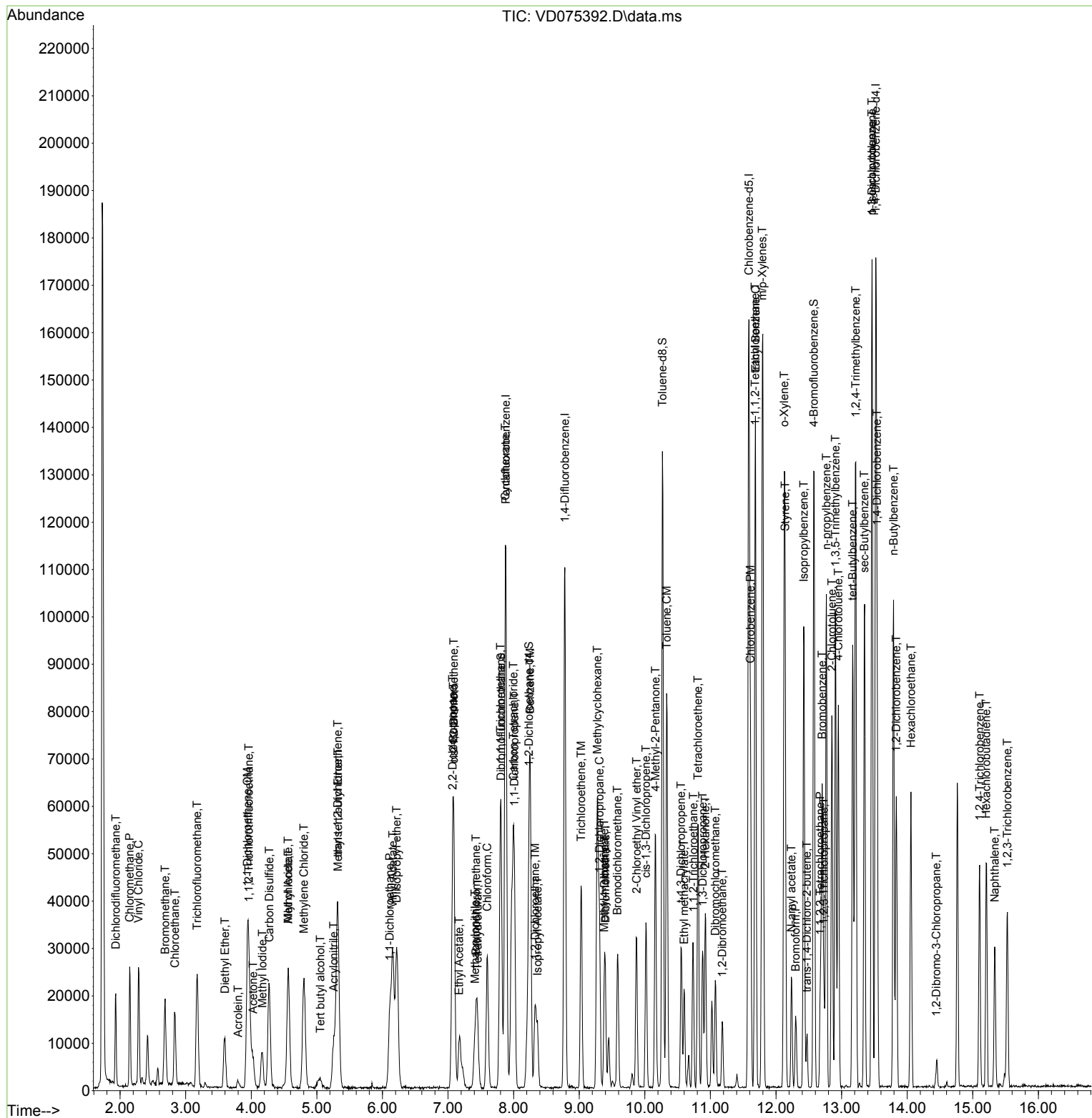
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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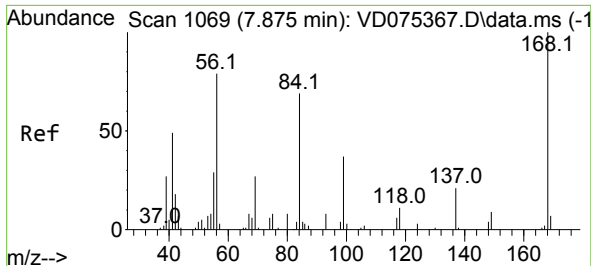
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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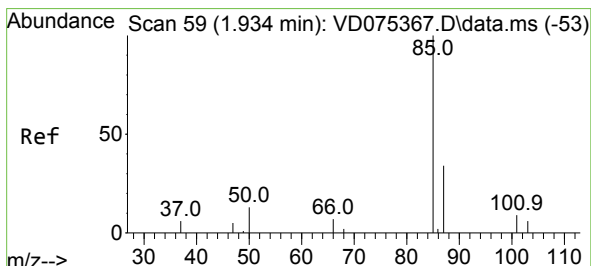
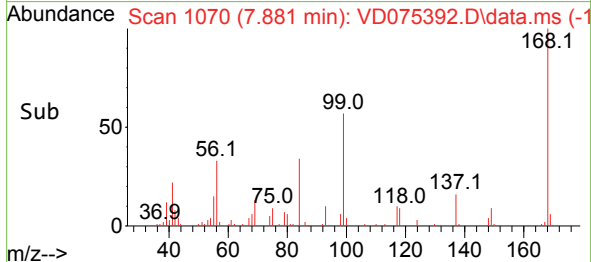
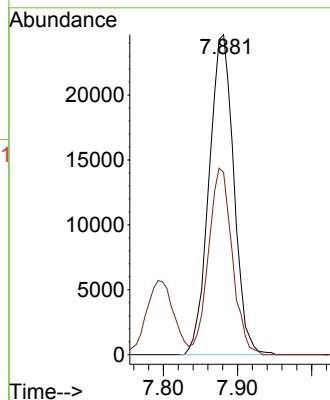
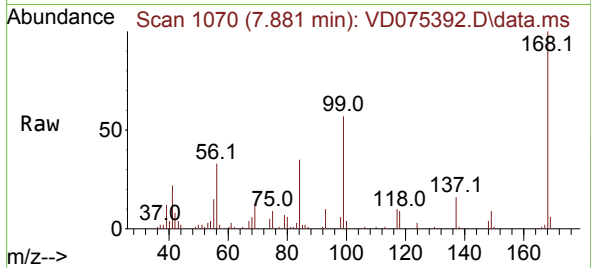




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
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Acq: 21 Feb 2023 20:28

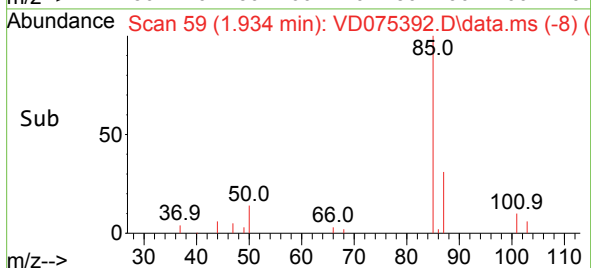
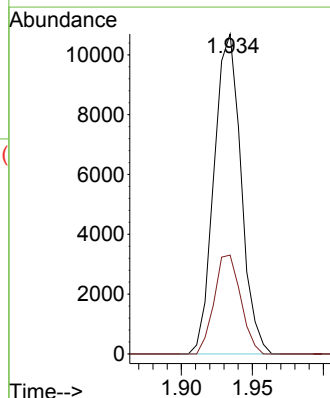
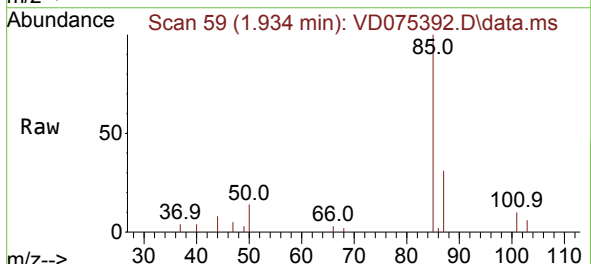
Instrument :
MSVOA_D
ClientSampleId :
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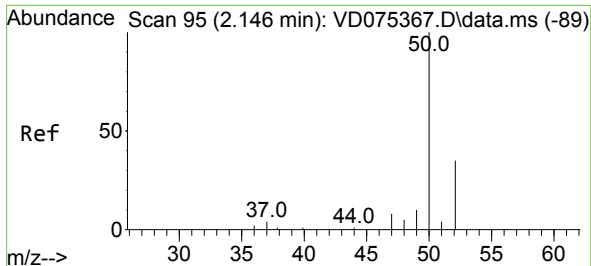
Tgt Ion:168 Resp: 57179
Ion Ratio Lower Upper
168 100
99 57.0 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 22.125 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 85 Resp: 14143
Ion Ratio Lower Upper
85 100
87 30.9 17.3 51.7

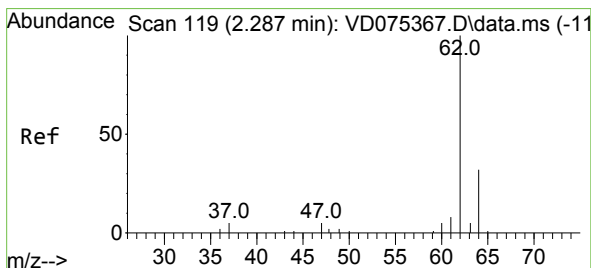
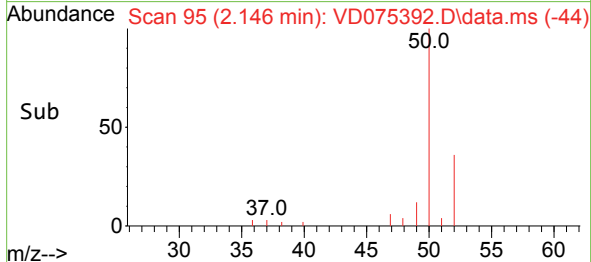
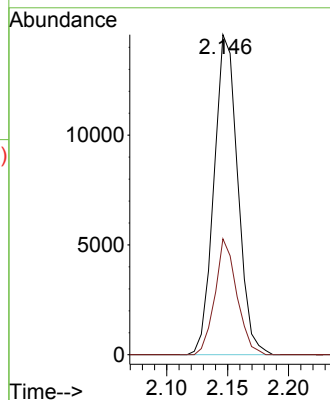
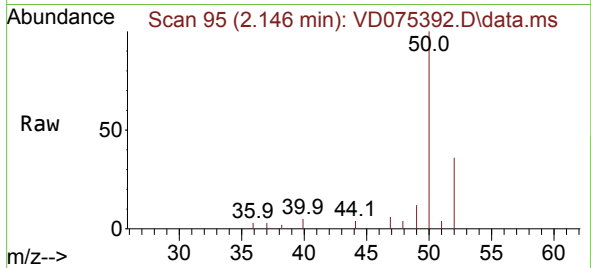




#3
Chloromethane
Concen: 21.127 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

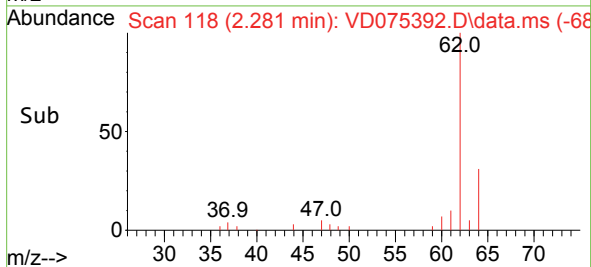
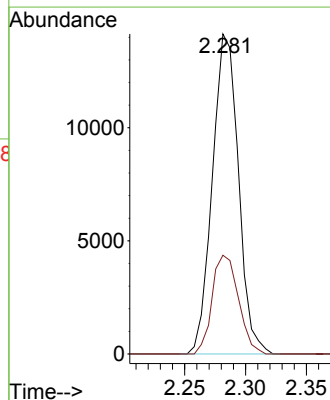
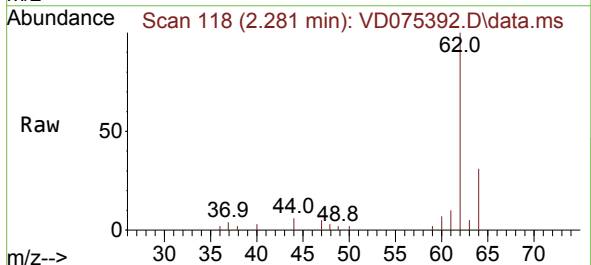
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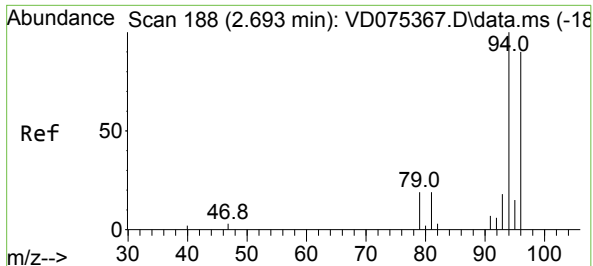
Tgt Ion: 50 Resp: 19760
Ion Ratio Lower Upper
50 100
52 36.2 27.8 41.8



#4
Vinyl Chloride
Concen: 21.204 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 62 Resp: 21053
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.0

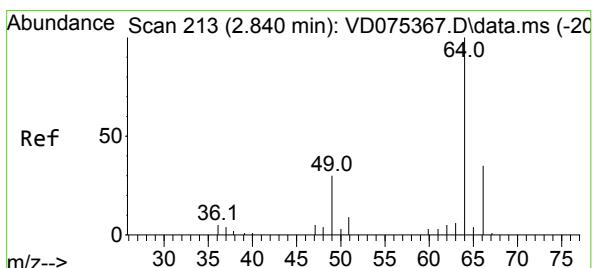
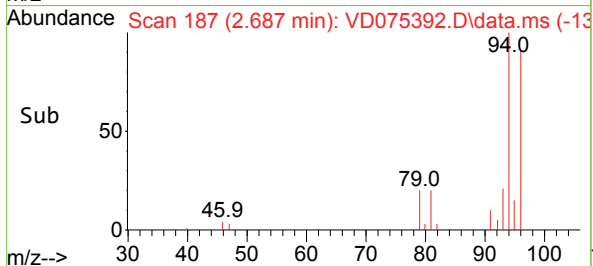
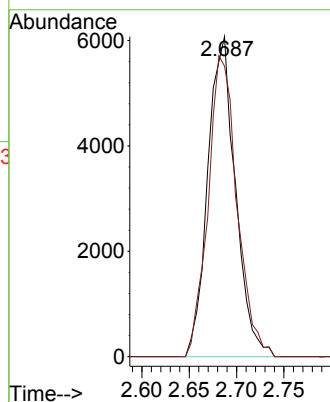
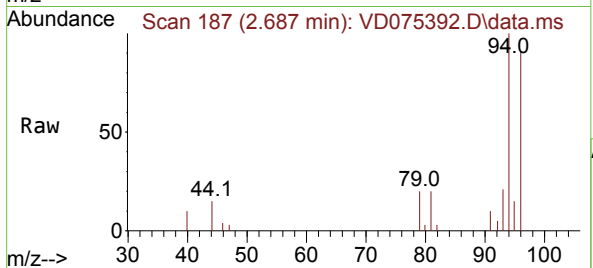




#5
Bromomethane
Concen: 21.811 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

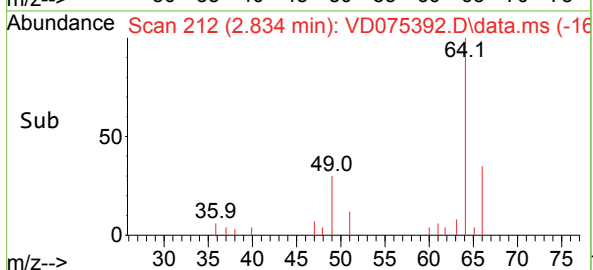
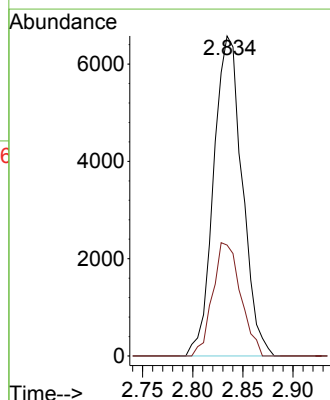
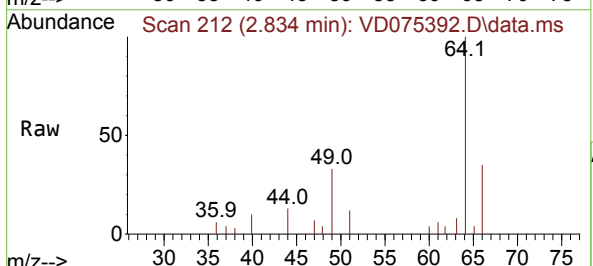
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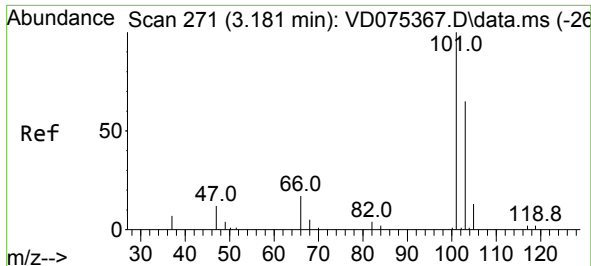
Tgt Ion: 94 Resp: 12297
Ion Ratio Lower Upper
94 100
96 98.4 77.5 116.3



#6
Chloroethane
Concen: 19.013 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 64 Resp: 13045
Ion Ratio Lower Upper
64 100
66 34.6 27.7 41.5

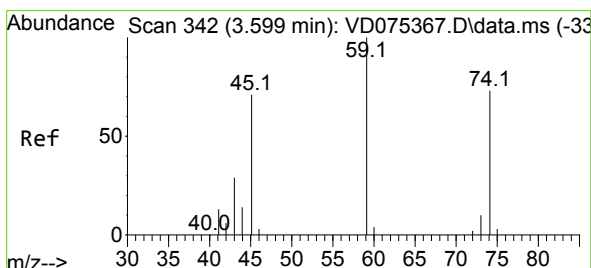
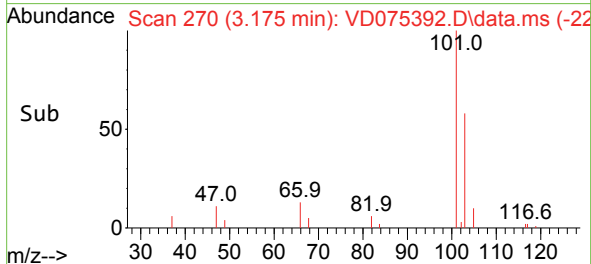
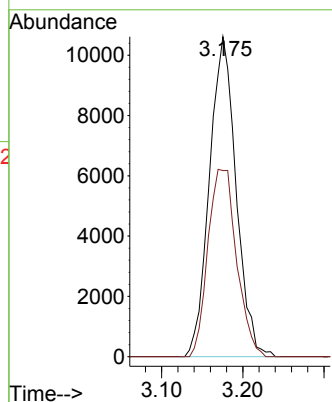
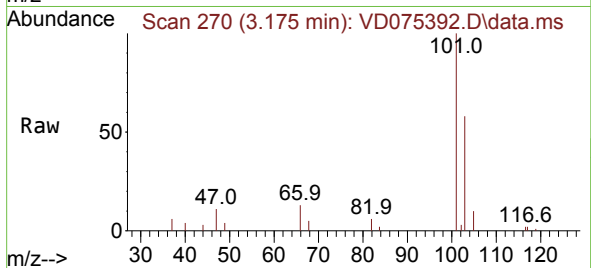




#7
Trichlorofluoromethane
Concen: 20.753 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

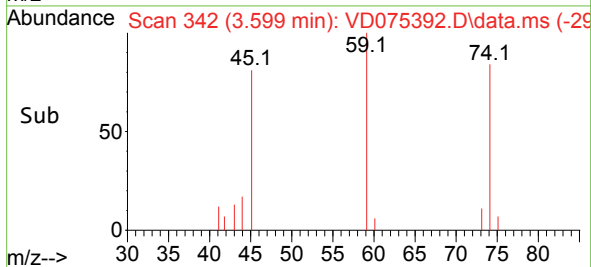
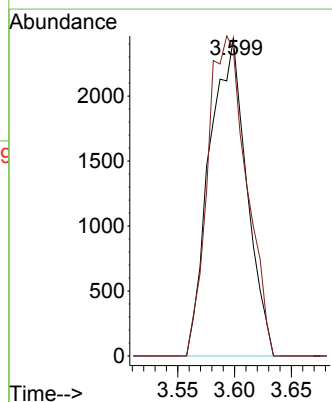
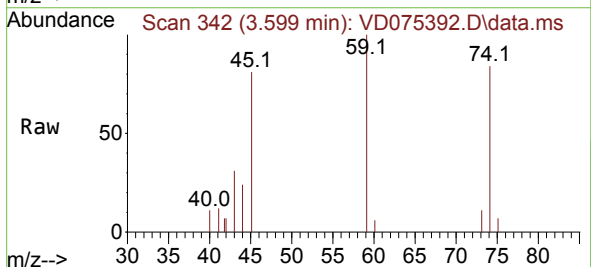
Instrument :
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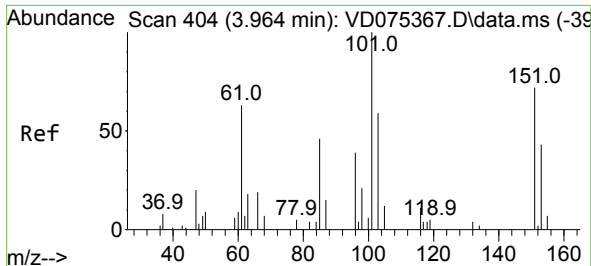
Tgt Ion:101 Resp: 24201
Ion Ratio Lower Upper
101 100
103 58.2 51.9 77.9



#8
Diethyl Ether
Concen: 20.425 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 74 Resp: 5546
Ion Ratio Lower Upper
74 100
45 105.4 50.9 152.7

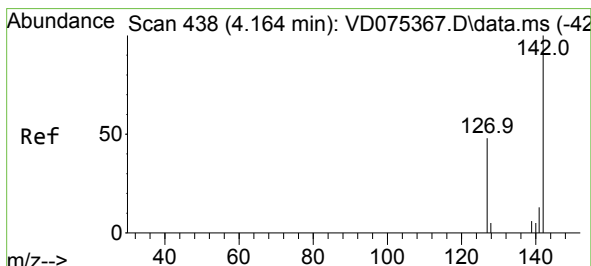
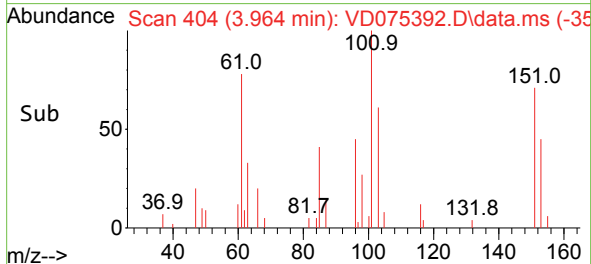
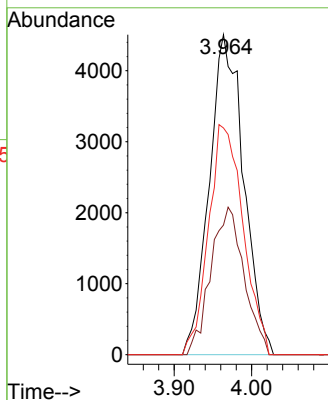
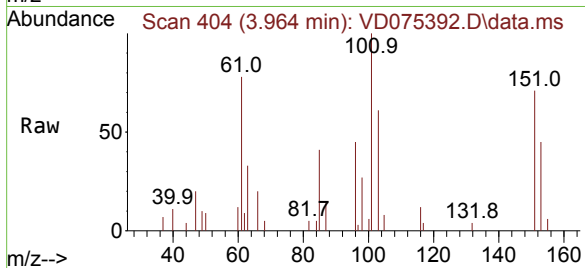




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.898 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

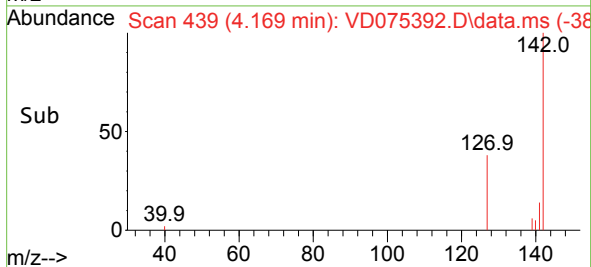
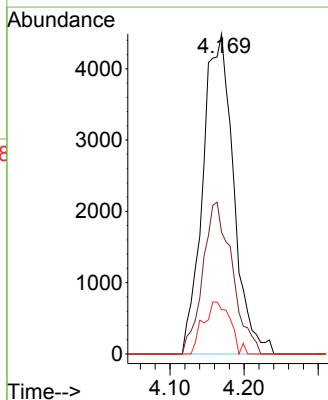
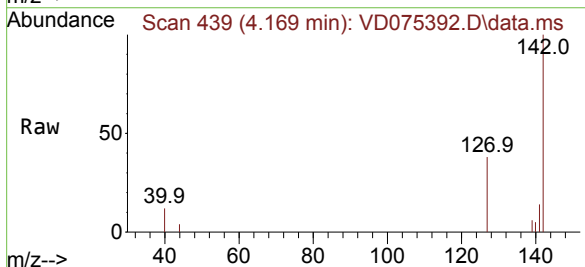
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

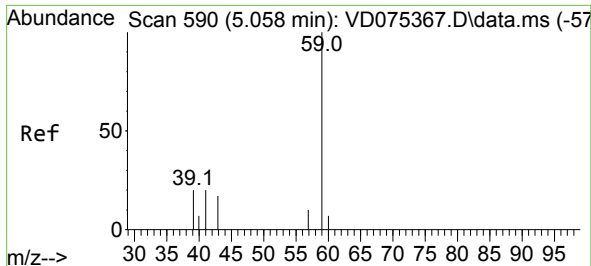
Tgt Ion:101 Resp: 13890
Ion Ratio Lower Upper
101 100
85 44.7 38.3 57.5
151 72.4 60.4 90.6



#10
Methyl Iodide
Concen: 21.396 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.005 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion:142 Resp: 12903
Ion Ratio Lower Upper
142 100
127 45.5 37.1 55.7
141 14.3 11.3 16.9





#11

Tert butyl alcohol

Concen: 107.416 ug/l

RT: 5.052 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

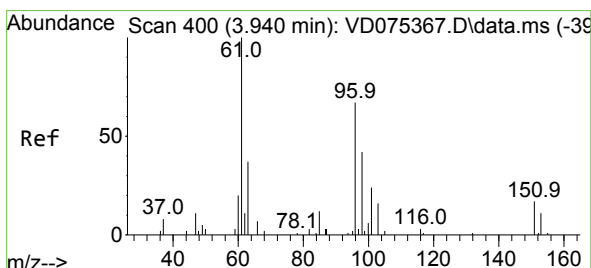
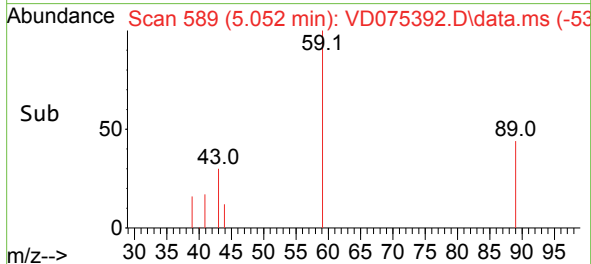
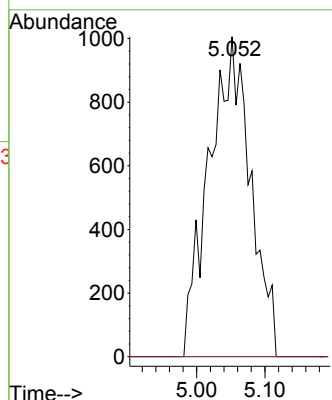
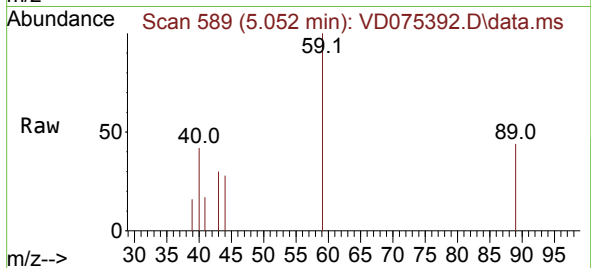
VD0221SBSD01

Tgt Ion: 59 Resp: 4252

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#12

1,1-Dichloroethene

Concen: 21.002 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

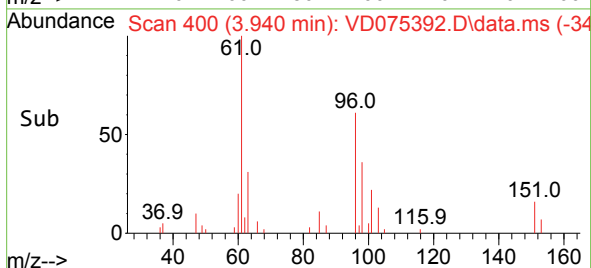
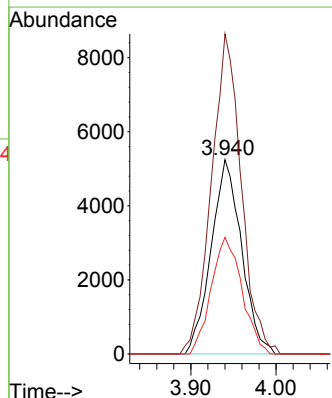
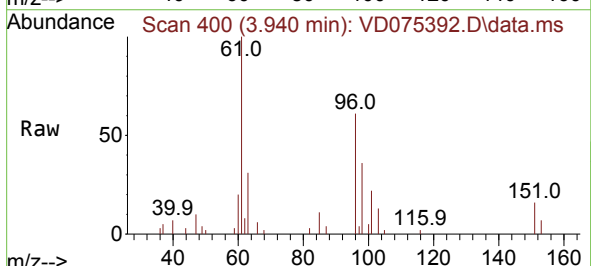
Tgt Ion: 96 Resp: 13014

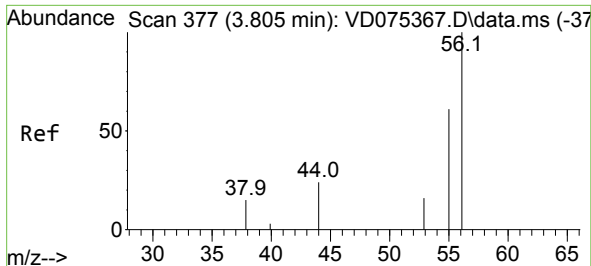
Ion Ratio Lower Upper

96 100

61 164.7 118.6 177.8

98 60.1 49.7 74.5

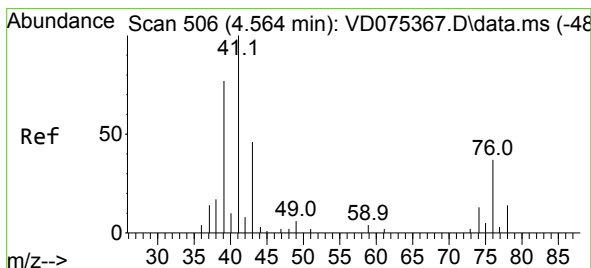
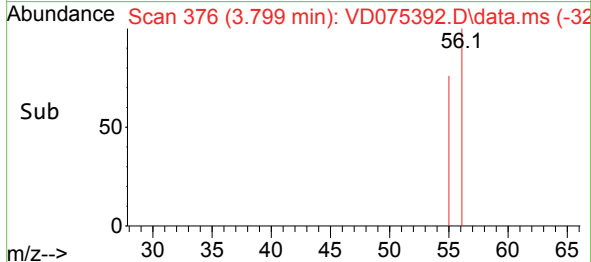
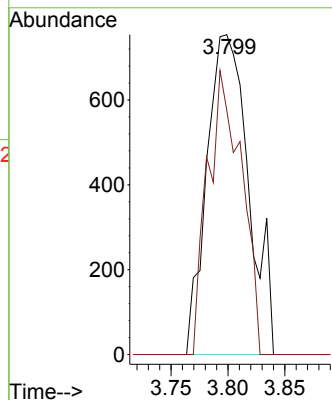
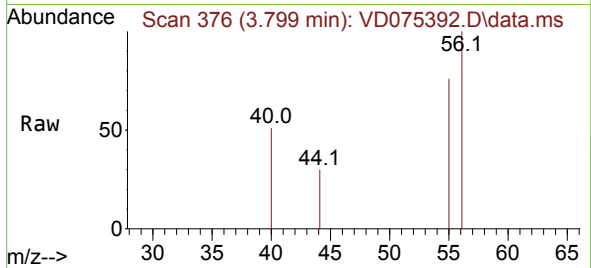




#13
Acrolein
Concen: 141.227 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

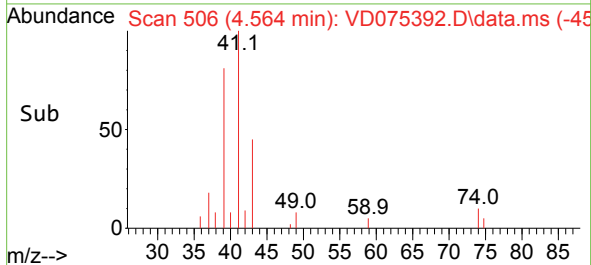
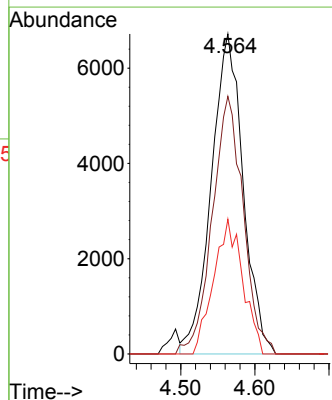
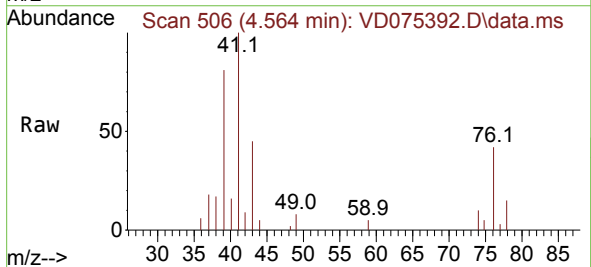
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

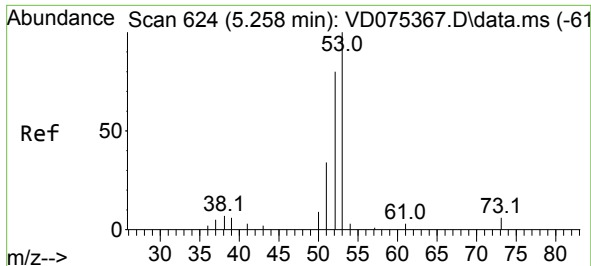
Tgt Ion: 56 Resp: 1933
Ion Ratio Lower Upper
56 100
55 72.2 53.9 80.9



#14
Allyl chloride
Concen: 20.443 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 41 Resp: 20031
Ion Ratio Lower Upper
41 100
39 78.3 60.6 90.8
76 38.6 28.6 43.0

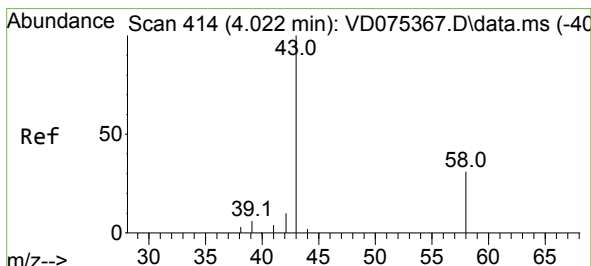
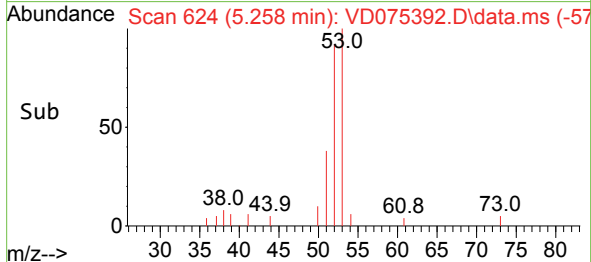
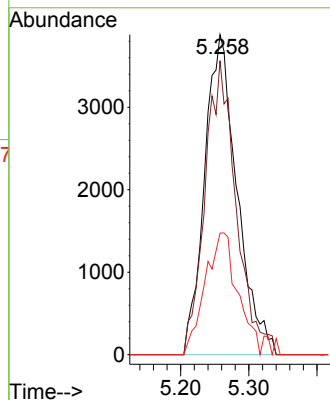
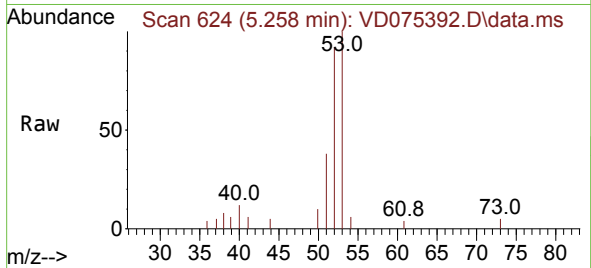




#15
Acrylonitrile
Concen: 98.019 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

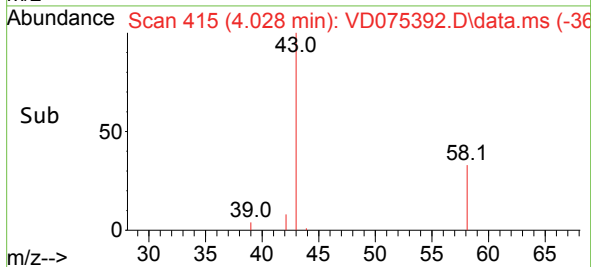
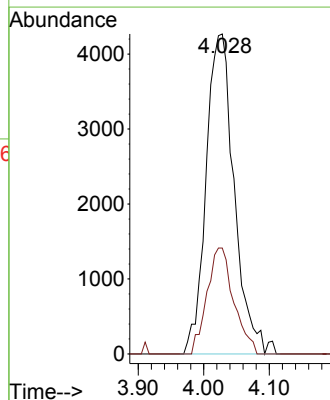
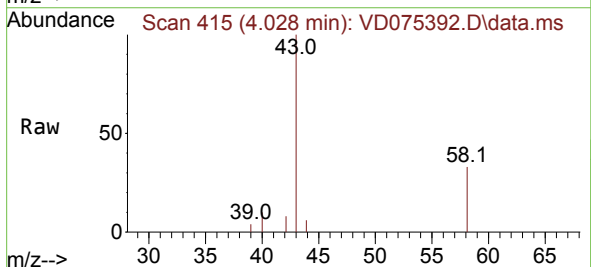
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

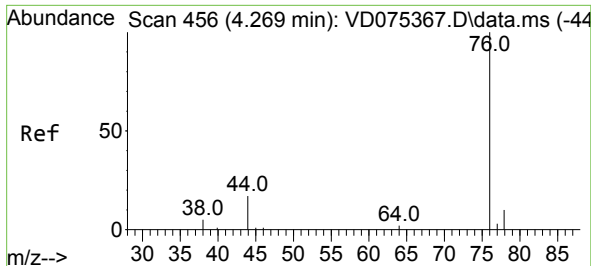
Tgt Ion:	53	Resp:	12850
Ion	Ratio	Lower	Upper
53	100		
52	88.3	66.2	99.4
51	38.2	30.7	46.1



#16
Acetone
Concen: 86.056 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion:	43	Resp:	12735
Ion	Ratio	Lower	Upper
43	100		
58	33.1	24.4	36.6

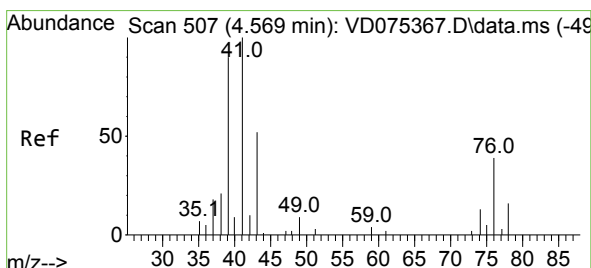
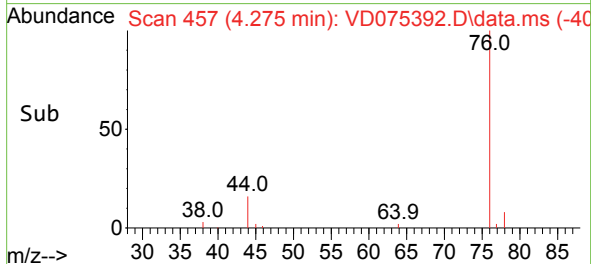
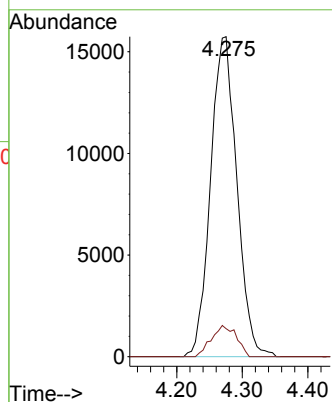
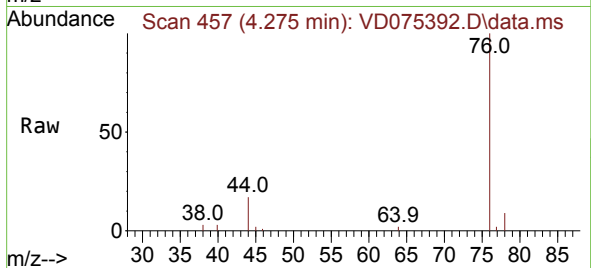




#17
Carbon Disulfide
Concen: 20.058 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

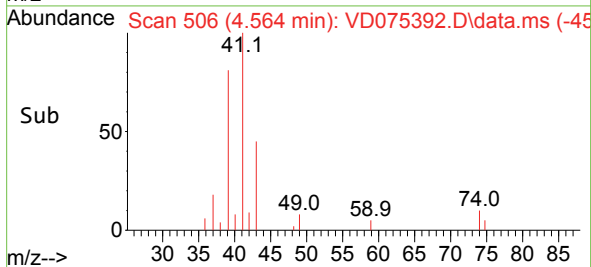
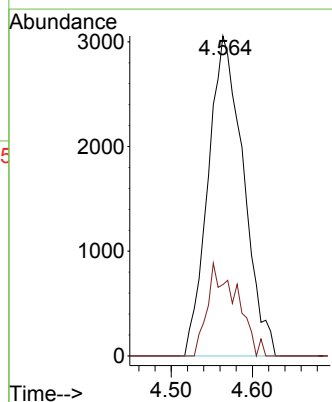
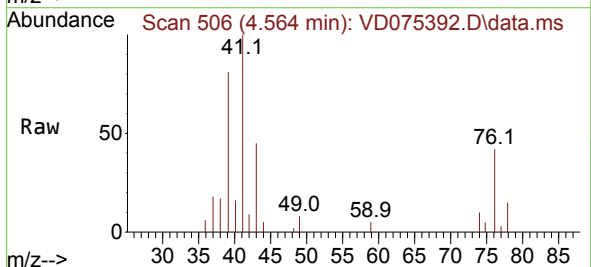
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

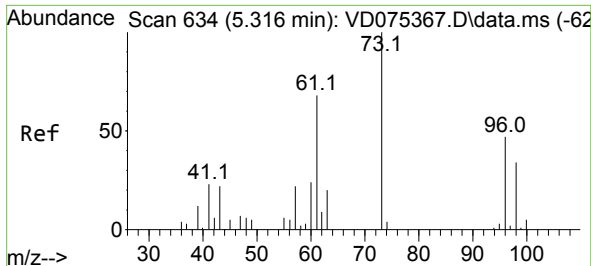
Tgt Ion: 76 Resp: 43774
Ion Ratio Lower Upper
76 100
78 8.7 8.0 12.0



#18
Methyl Acetate
Concen: 19.857 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.005 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 43 Resp: 9208
Ion Ratio Lower Upper
43 100
74 24.2 17.8 26.6

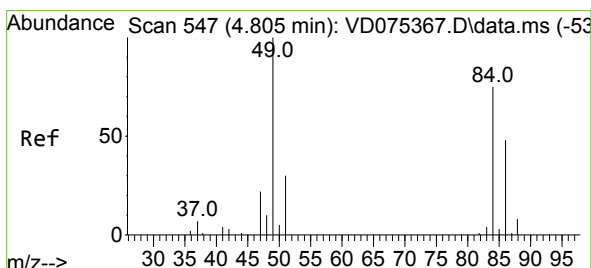
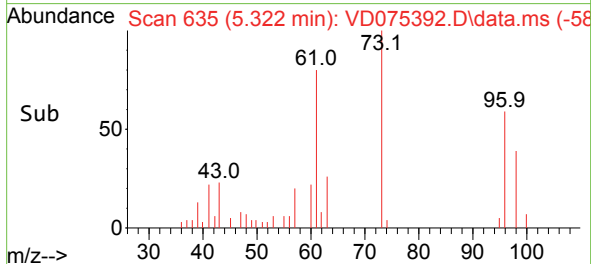
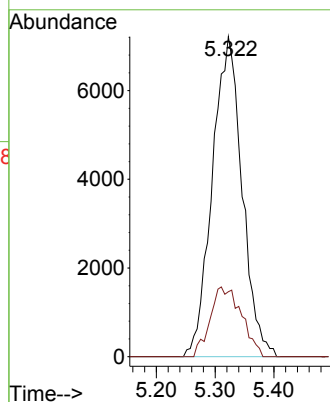
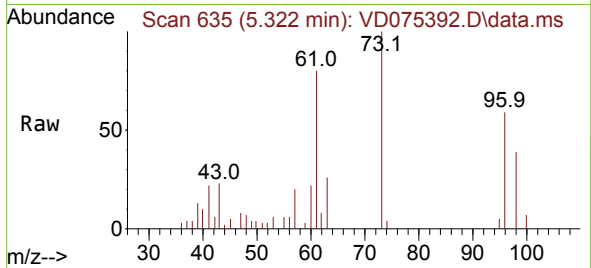




#19
Methyl tert-butyl Ether
Concen: 20.271 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

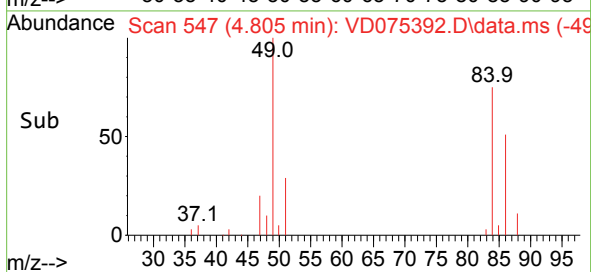
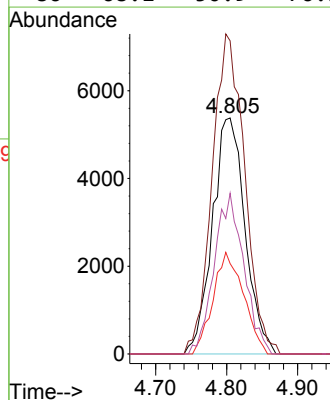
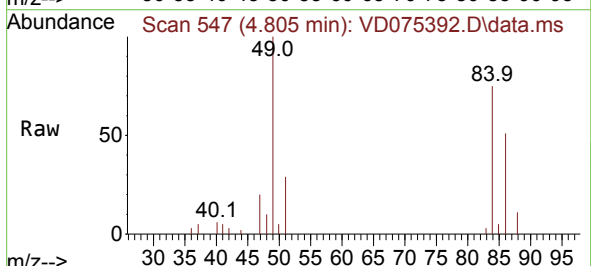
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

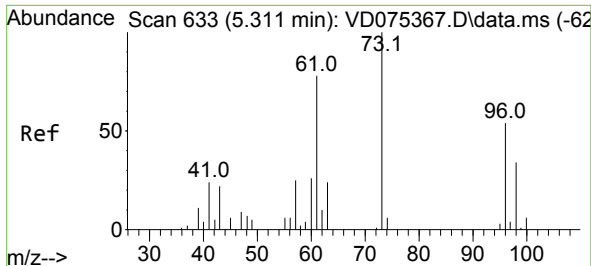
Tgt Ion: 73 Resp: 25431
Ion Ratio Lower Upper
73 100
57 20.3 17.2 25.8



#20
Methylene Chloride
Concen: 20.374 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 84 Resp: 17112
Ion Ratio Lower Upper
84 100
49 132.7 106.4 159.6
51 38.3 32.4 48.6
86 68.1 50.9 76.3

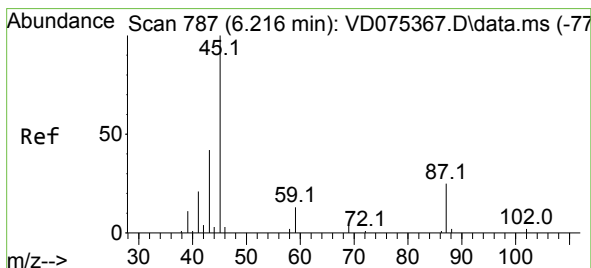
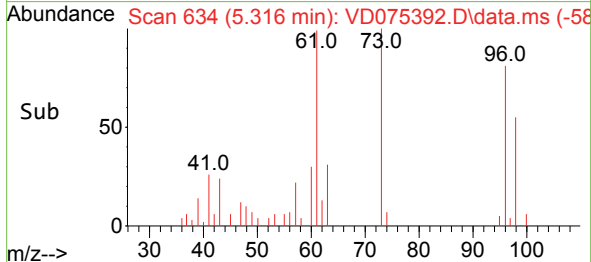
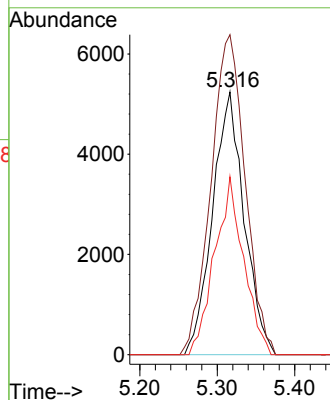
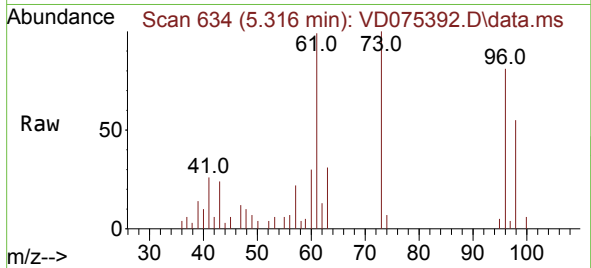




#21
trans-1,2-Dichloroethene
Concen: 21.455 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.005 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

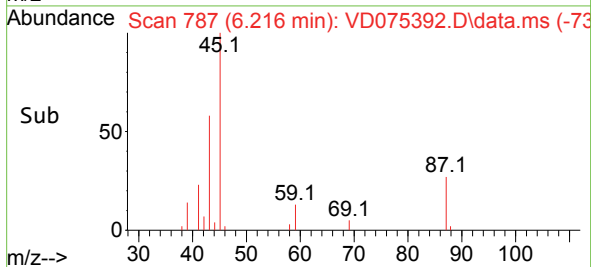
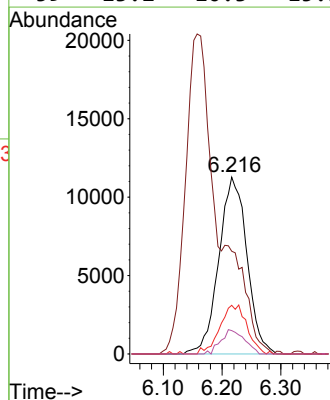
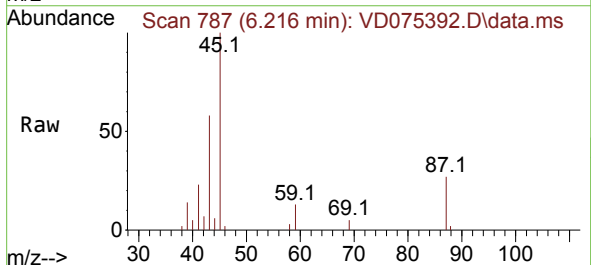
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

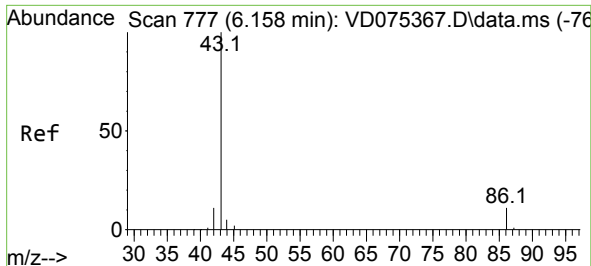
Tgt Ion: 96 Resp: 14861
Ion Ratio Lower Upper
96 100
61 121.8 117.2 175.8
98 67.7 50.6 76.0



#22
Diisopropyl ether
Concen: 19.997 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 45 Resp: 37429
Ion Ratio Lower Upper
45 100
43 56.6 44.4 66.6
87 27.5 20.9 31.3
59 13.2 10.3 15.5

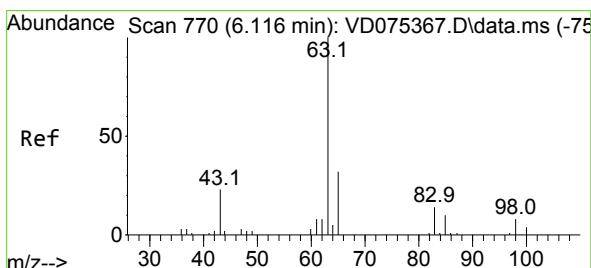
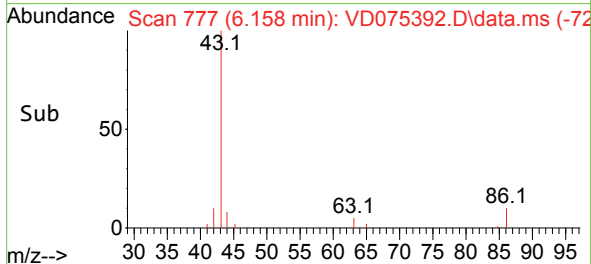
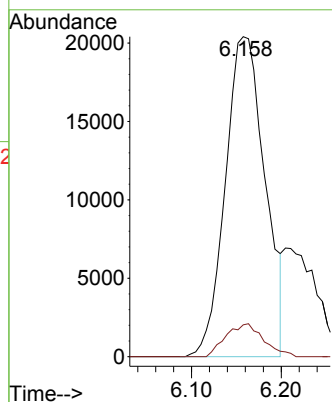
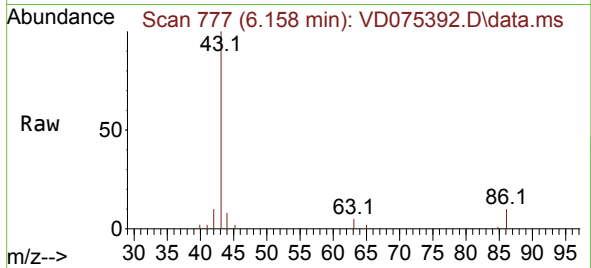




#23
 Vinyl Acetate
 Concen: 115.399 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075392.D
 Acq: 21 Feb 2023 20:28

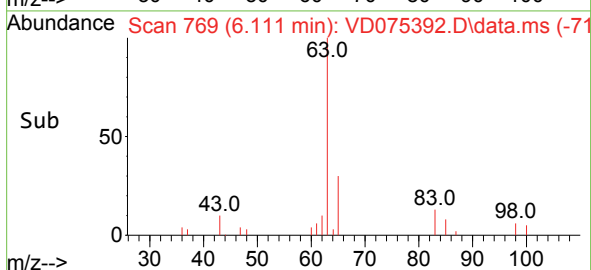
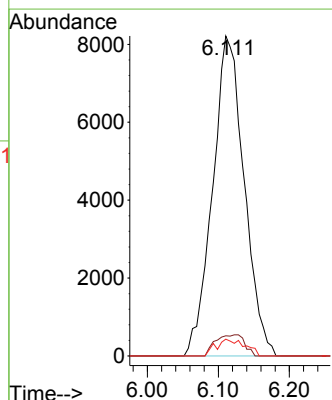
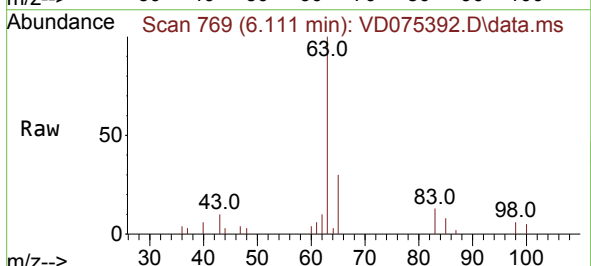
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

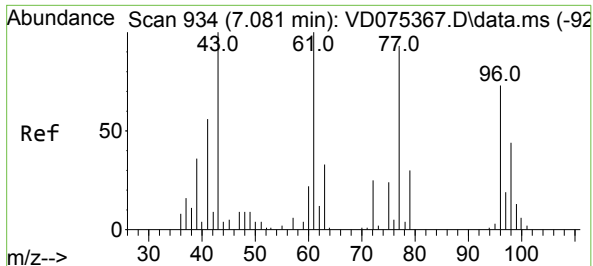
Tgt Ion: 43 Resp: 62614
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 20.625 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.005 min
 Lab File: VD075392.D
 Acq: 21 Feb 2023 20:28

Tgt Ion: 63 Resp: 25351
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 5.2 2.0 6.0

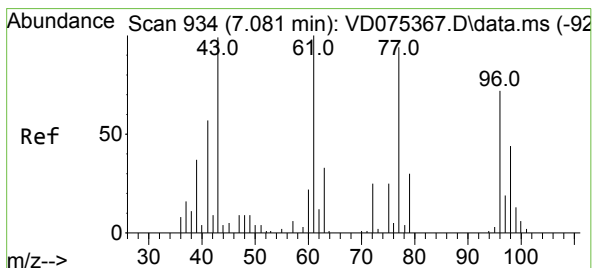
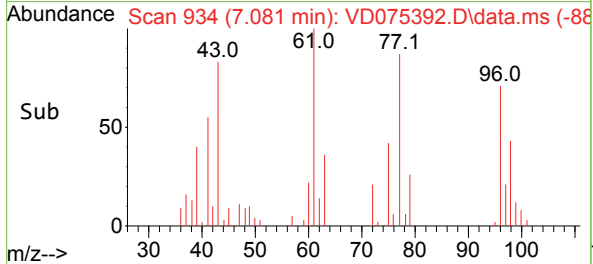
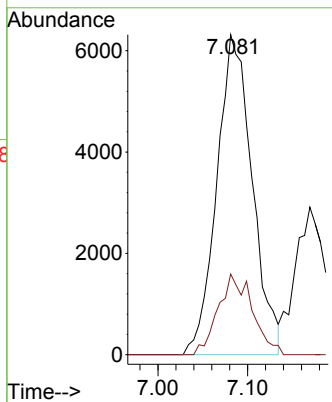
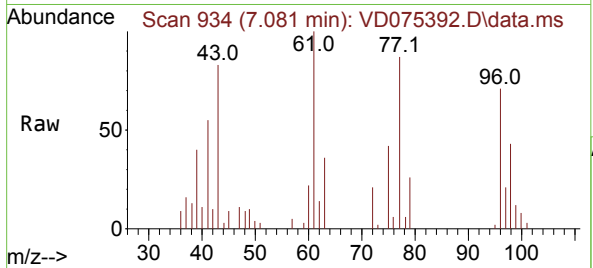




#25
2-Butanone
Concen: 93.782 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

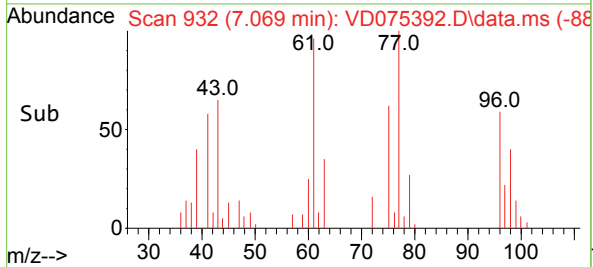
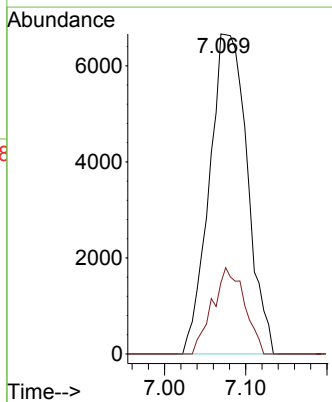
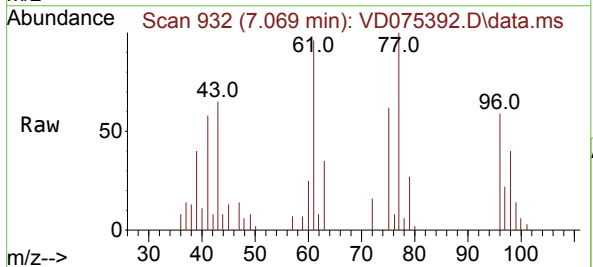
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

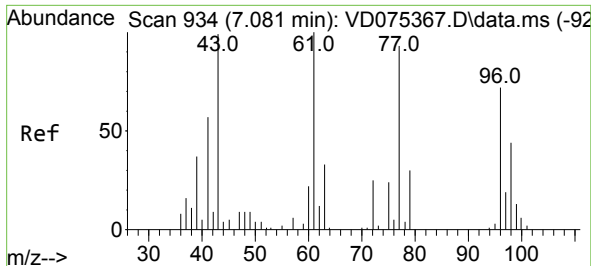
Tgt Ion: 43 Resp: 17307
Ion Ratio Lower Upper
43 100
72 25.2 19.8 29.8



#26
2,2-Dichloropropane
Concen: 20.195 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 77 Resp: 21589
Ion Ratio Lower Upper
77 100
97 22.9 11.1 33.1

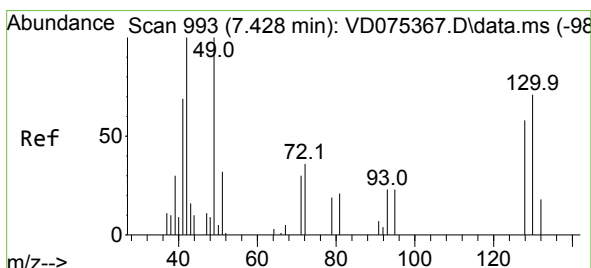
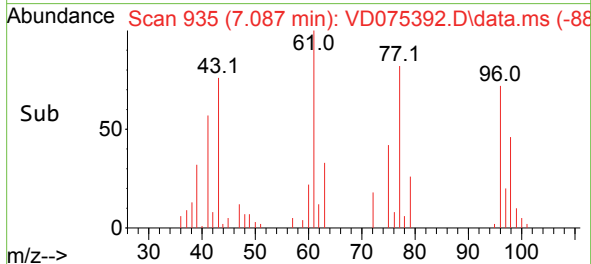
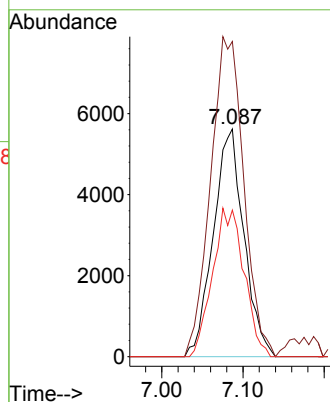
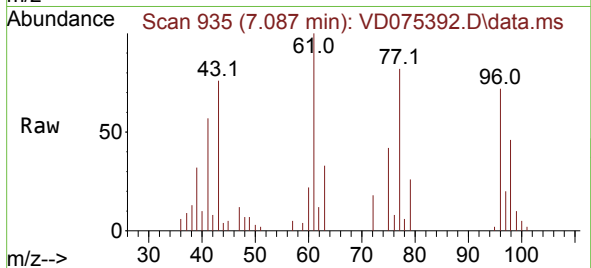




#27
 cis-1,2-Dichloroethene
 Concen: 19.986 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD075392.D
 Acq: 21 Feb 2023 20:28

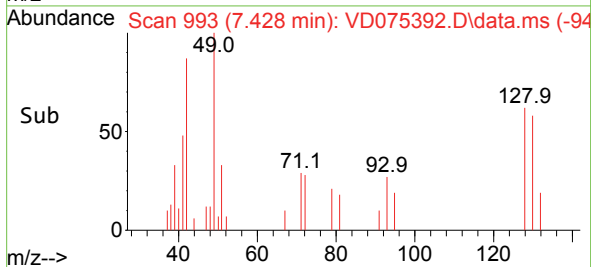
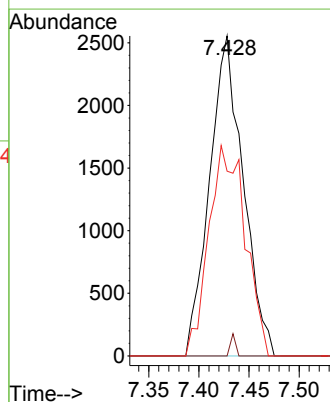
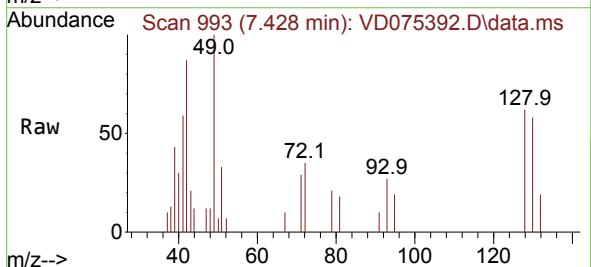
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBSD01

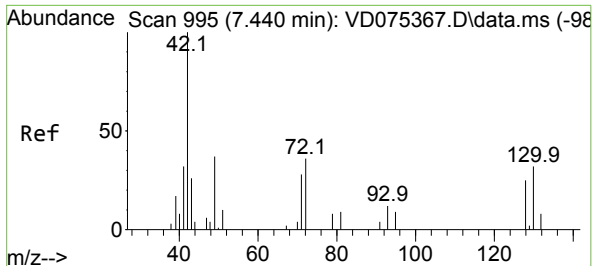
Tgt Ion: 96 Resp: 14726
 Ion Ratio Lower Upper
 96 100
 61 152.5 0.0 295.2
 98 67.2 0.0 129.2



#28
 Bromochloromethane
 Concen: 21.563 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD075392.D
 Acq: 21 Feb 2023 20:28

Tgt Ion: 49 Resp: 5955
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 2.2
 130 71.3 56.0 84.0





#29

Tetrahydrofuran

Concen: 99.571 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

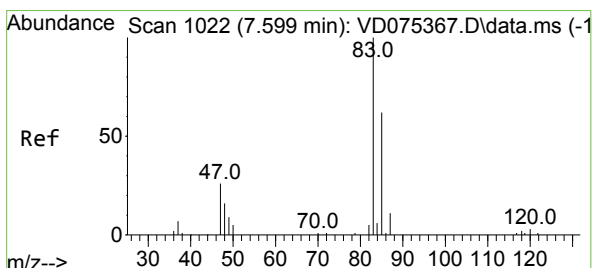
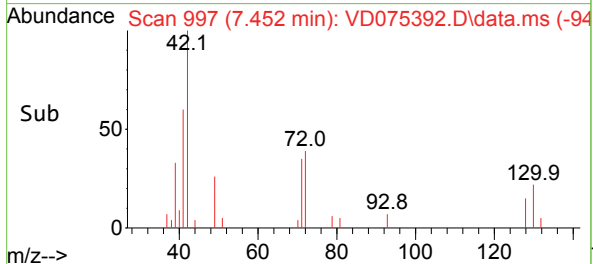
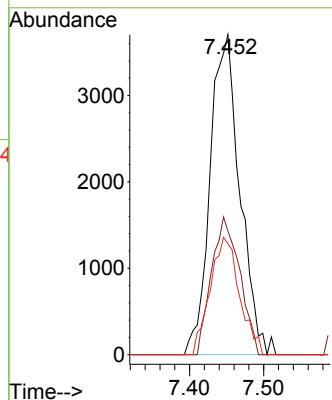
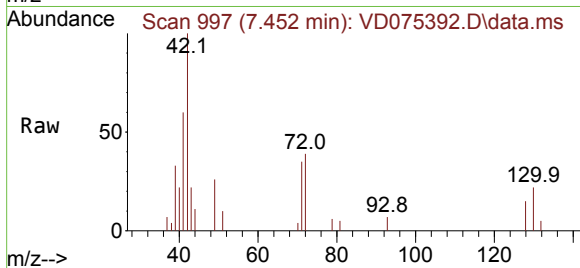
Tgt Ion: 42 Resp: 10364

Ion Ratio Lower Upper

42 100

72 40.7 31.8 47.6

71 36.2 27.6 41.4



#30

Chloroform

Concen: 20.822 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075392.D

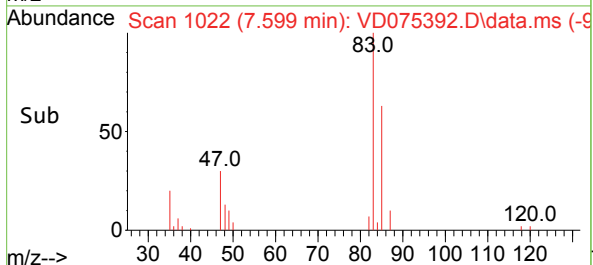
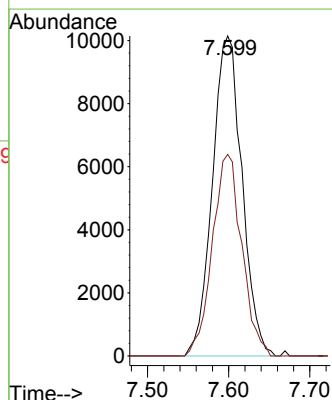
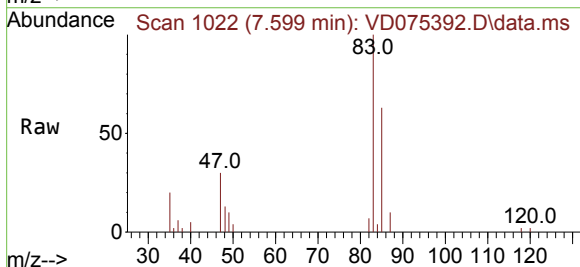
Acq: 21 Feb 2023 20:28

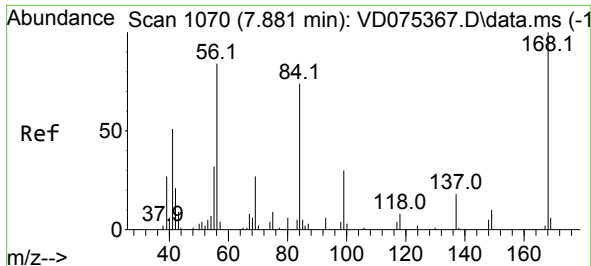
Tgt Ion: 83 Resp: 25701

Ion Ratio Lower Upper

83 100

85 63.0 49.4 74.2

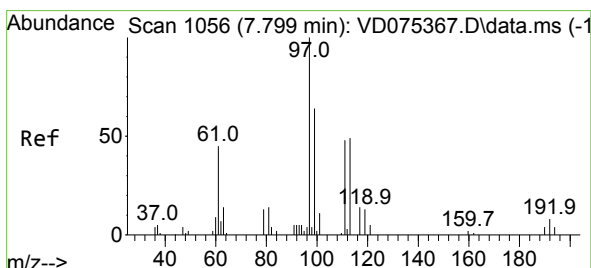
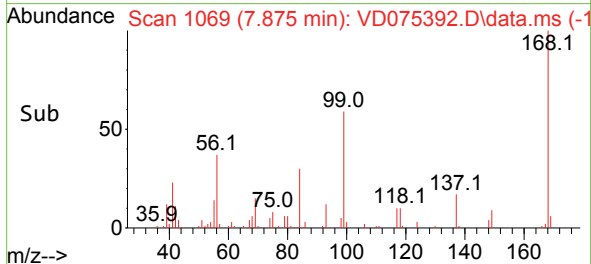
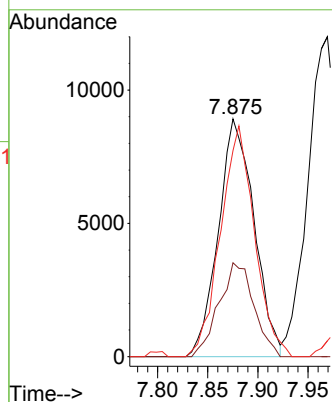
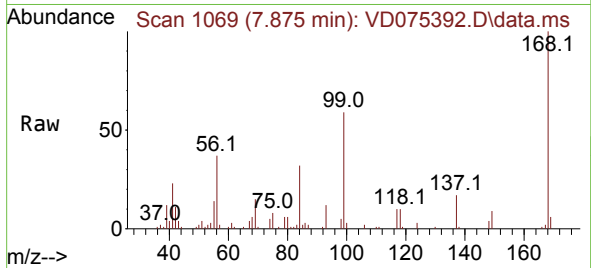




#31
Cyclohexane
Concen: 19.049 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

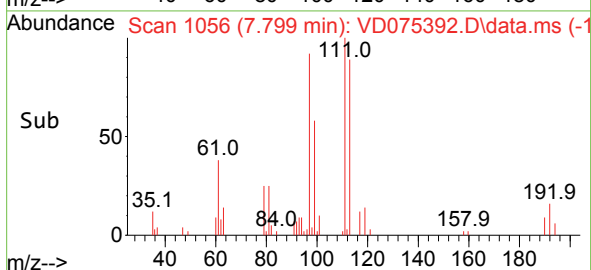
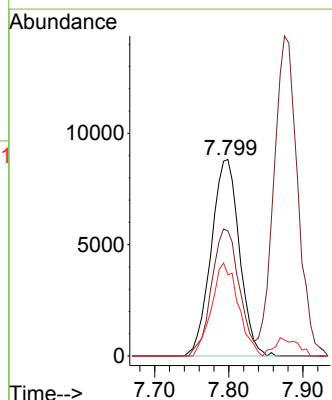
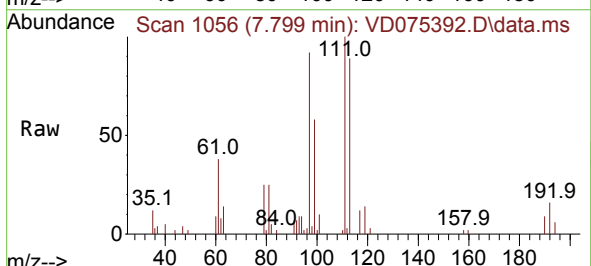
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

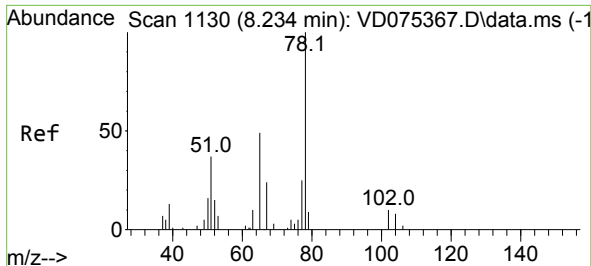
Tgt Ion: 56 Resp: 22106
Ion Ratio Lower Upper
56 100
69 39.5 25.5 38.3#
84 86.7 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 20.520 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 97 Resp: 23314
Ion Ratio Lower Upper
97 100
99 63.2 50.5 75.7
61 44.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 51.569 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

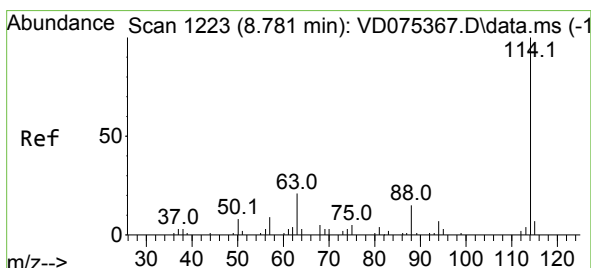
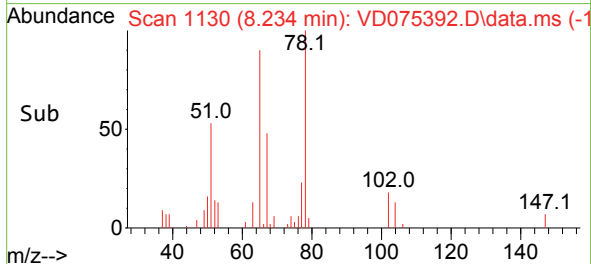
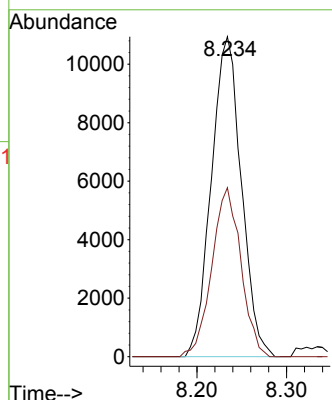
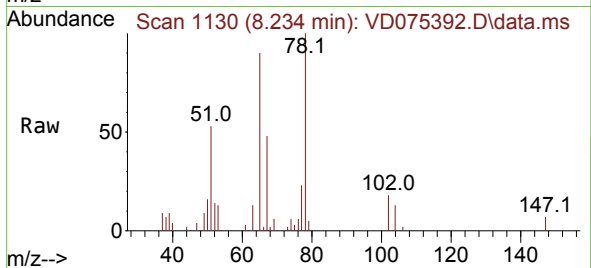
VD0221SBS01

Tgt Ion: 65 Resp: 25340

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

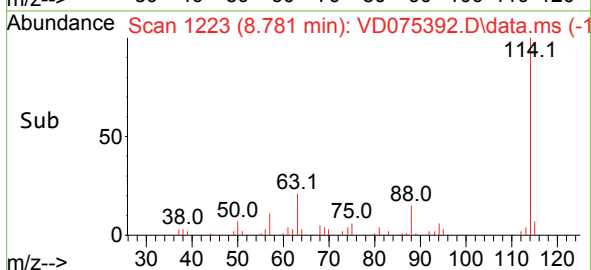
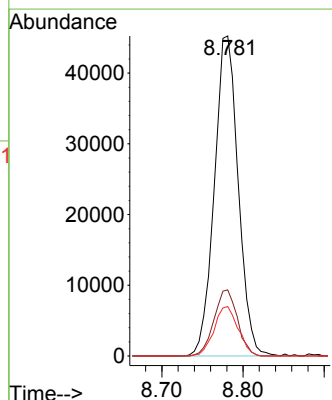
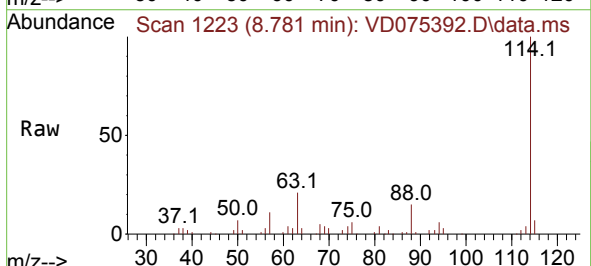
Tgt Ion: 114 Resp: 92524

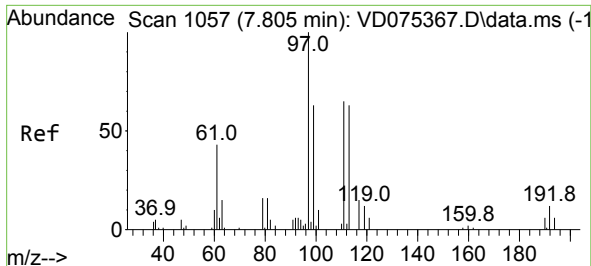
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.347 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075392.D

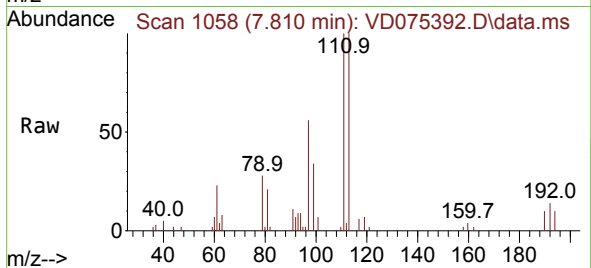
Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01



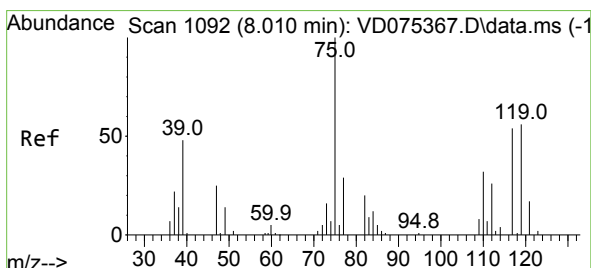
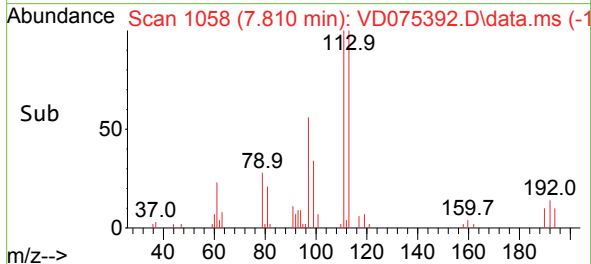
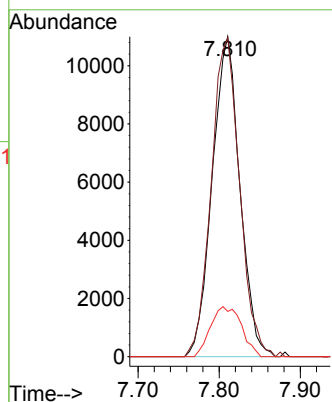
Tgt Ion:113 Resp: 26006

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 17.5 15.2 22.8



#36

1,1-Dichloropropene

Concen: 19.902 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

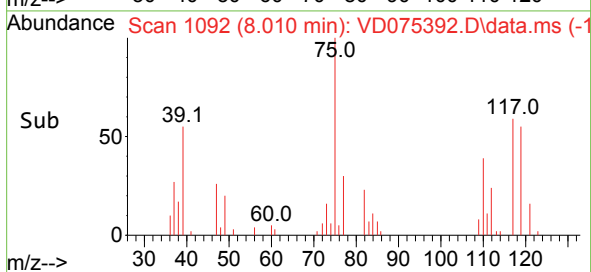
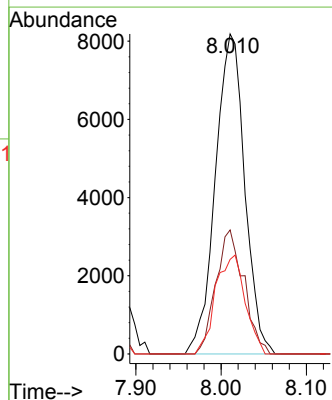
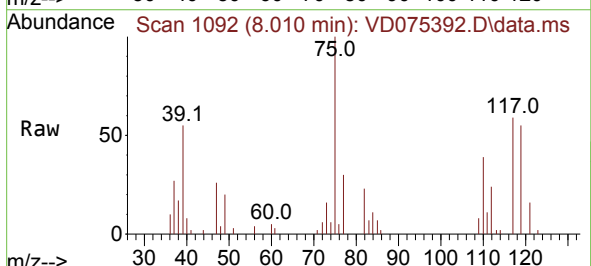
Tgt Ion: 75 Resp: 19593

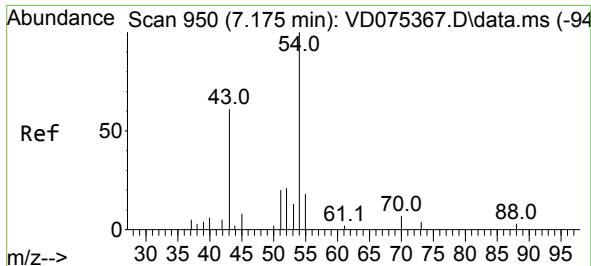
Ion Ratio Lower Upper

75 100

110 36.9 17.1 51.2

77 31.1 24.6 36.8





#37

Ethyl Acetate

Concen: 19.456 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

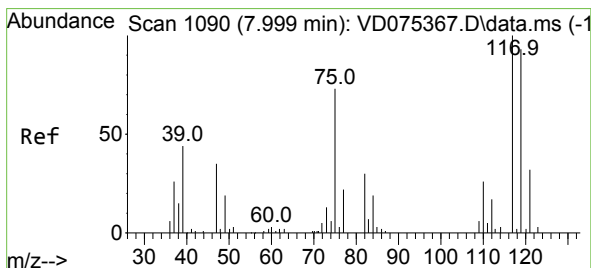
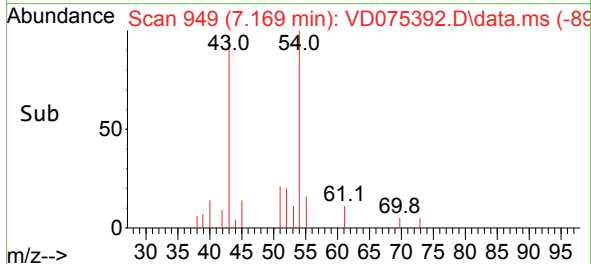
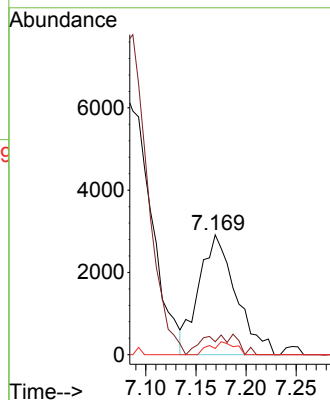
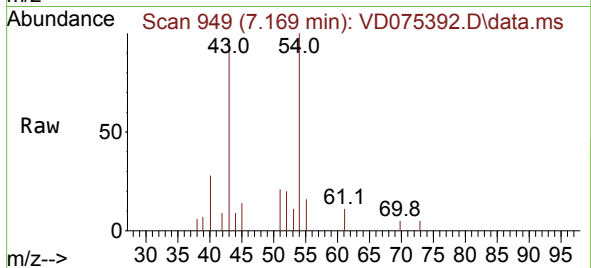
Tgt Ion: 43 Resp: 7496

Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

70 7.2 5.6 8.4



#38

Carbon Tetrachloride

Concen: 20.165 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

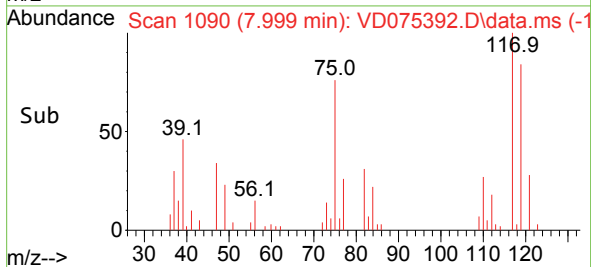
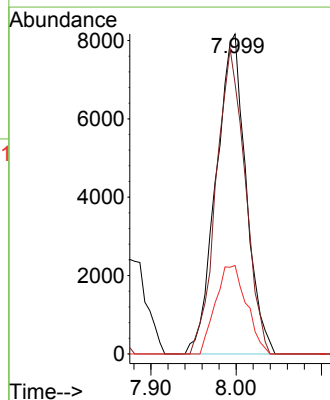
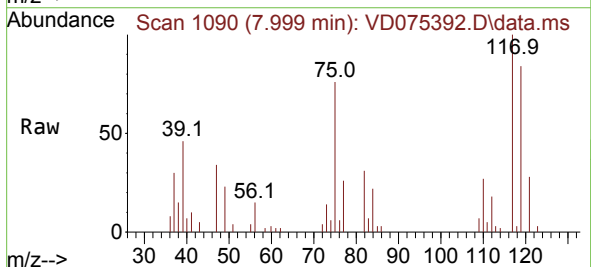
Tgt Ion: 117 Resp: 19891

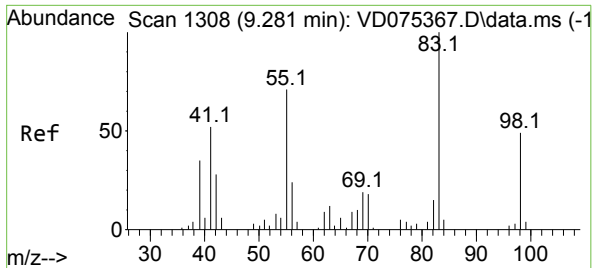
Ion Ratio Lower Upper

117 100

119 84.5 74.7 112.1

121 27.7 25.9 38.9





#39

Methylcyclohexane

Concen: 19.726 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.006 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

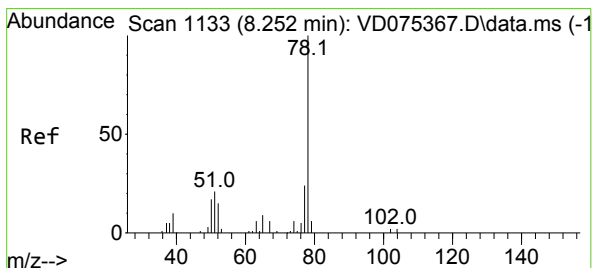
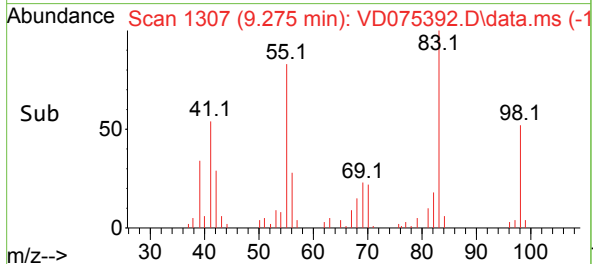
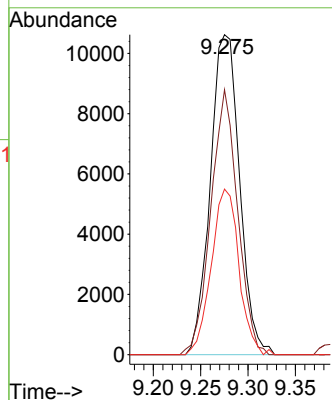
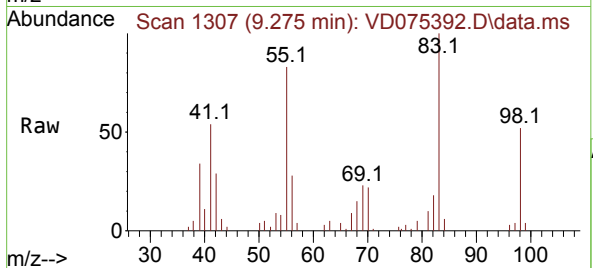
Tgt Ion: 83 Resp: 22889

Ion Ratio Lower Upper

83 100

55 82.8 56.8 85.2

98 51.8 38.9 58.3



#40

Benzene

Concen: 20.750 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075392.D

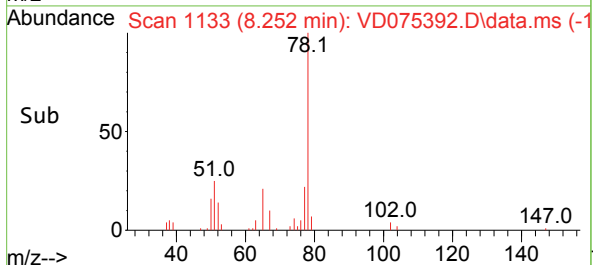
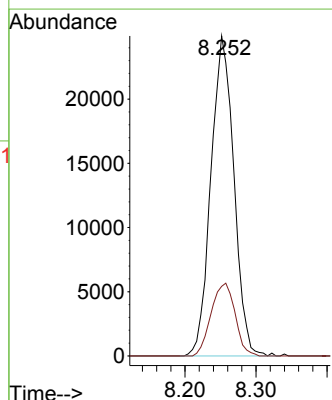
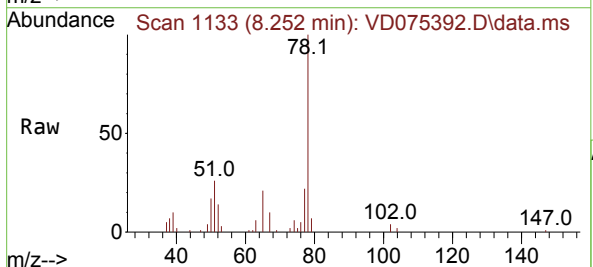
Acq: 21 Feb 2023 20:28

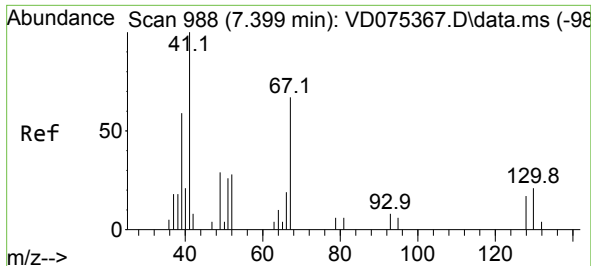
Tgt Ion: 78 Resp: 55921

Ion Ratio Lower Upper

78 100

77 21.7 19.1 28.7

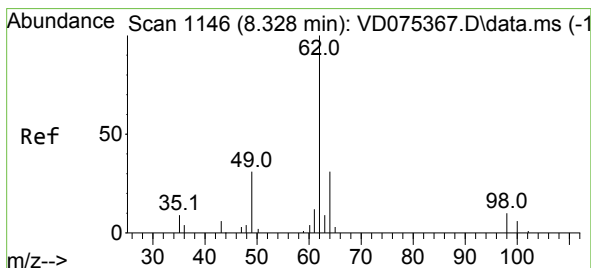
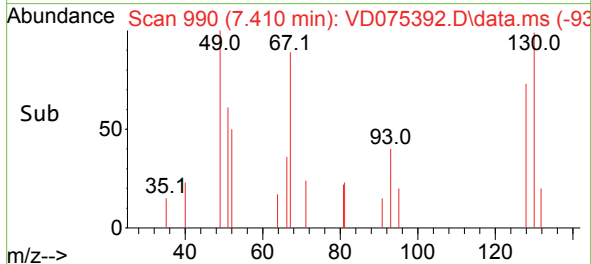
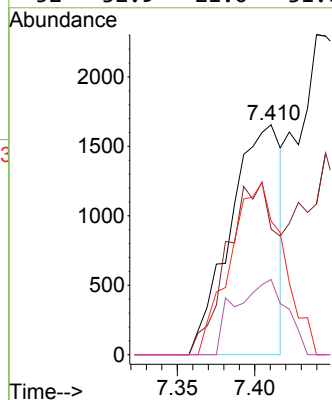
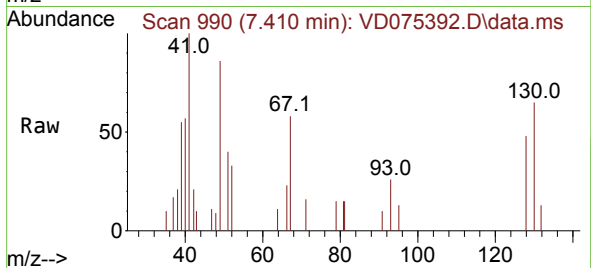




#41
Methacrylonitrile
Concen: 16.926 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.011 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

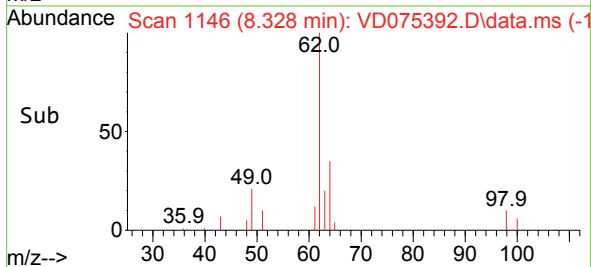
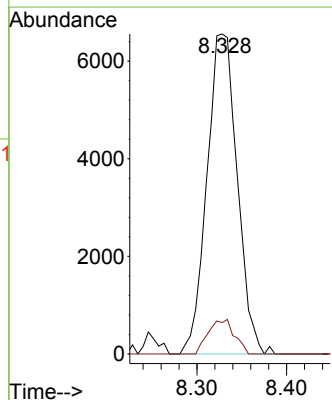
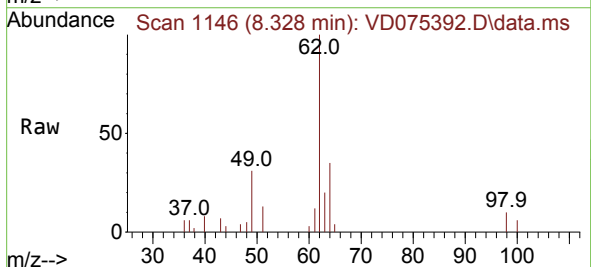
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

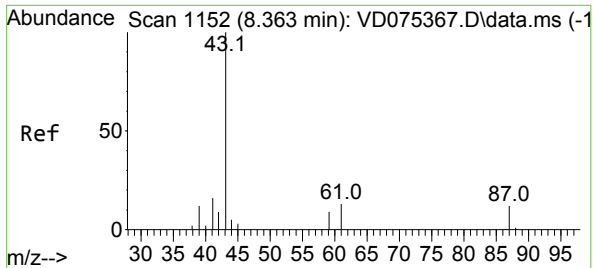
Tgt Ion: 41 Resp: 3740
Ion Ratio Lower Upper
41 100
39 72.4 45.3 67.9#
67 79.1 50.5 75.7#
52 32.9 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 20.468 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 62 Resp: 15402
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.8

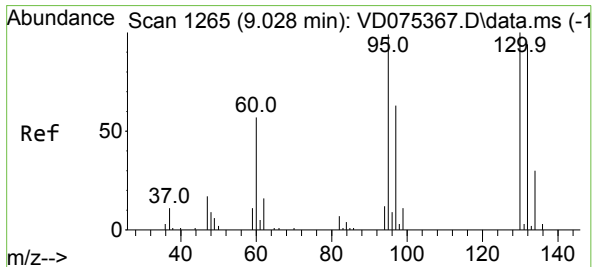
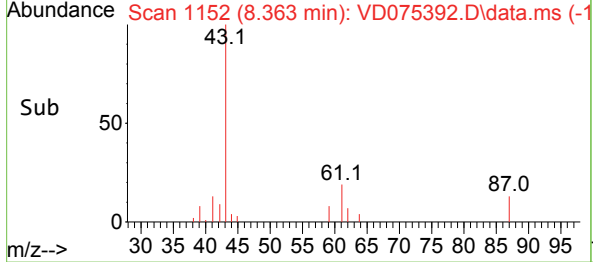
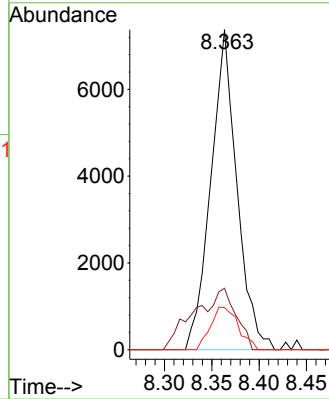
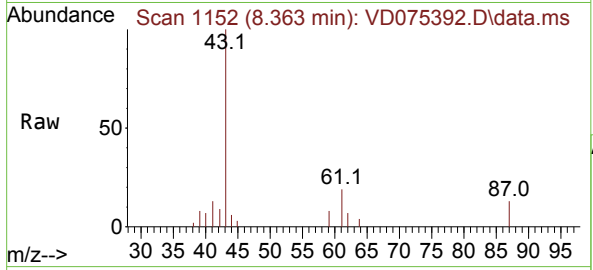




#43
Isopropyl Acetate
Concen: 19.530 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

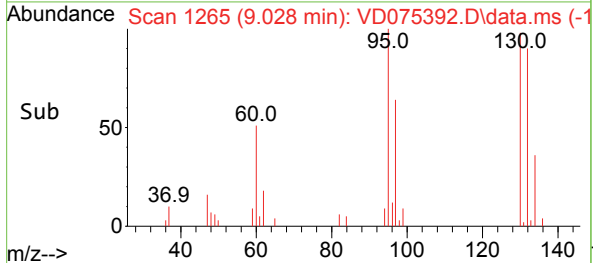
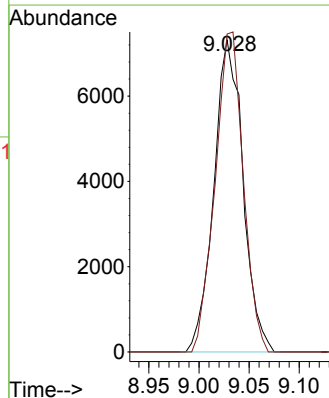
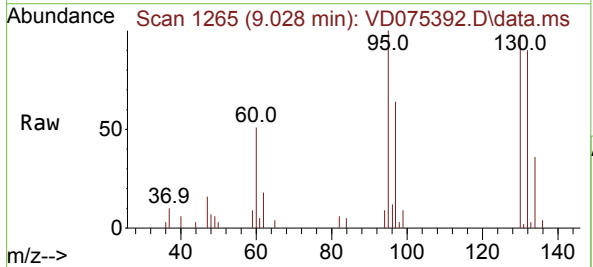
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

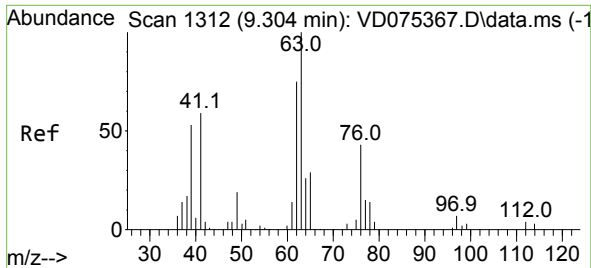
Tgt Ion: 43	Resp: 14138
Ion Ratio	Lower Upper
43	100
61	30.6 23.4 35.0
87	14.1 9.5 14.3



#44
Trichloroethene
Concen: 20.502 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 130	Resp: 14802
Ion Ratio	Lower Upper
130	100
95	101.9 0.0 197.6





#45

1,2-Dichloropropane

Concen: 20.053 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

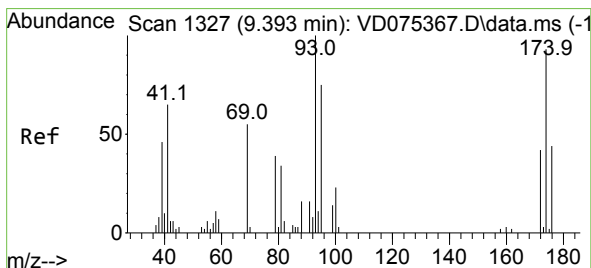
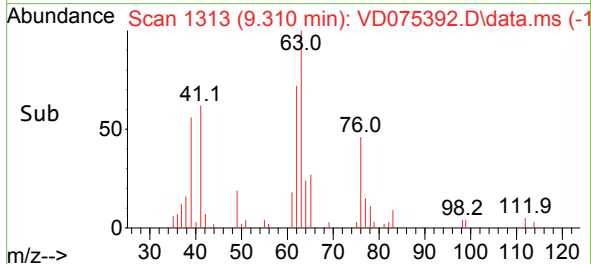
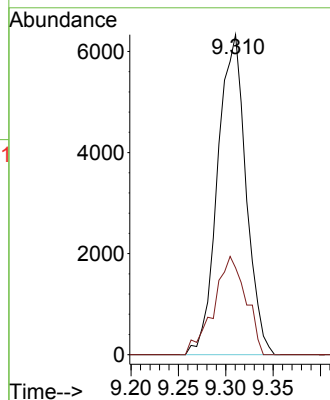
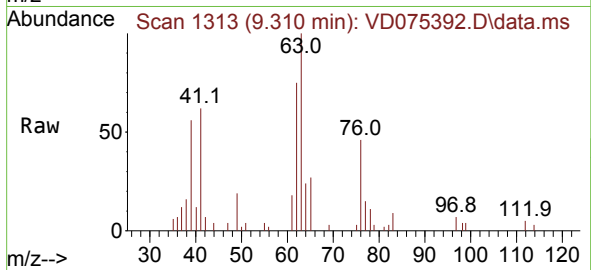
VD0221SBSD01

Tgt Ion: 63 Resp: 13179

Ion Ratio Lower Upper

63 100

65 27.2 23.0 34.4



#46

Dibromomethane

Concen: 20.293 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

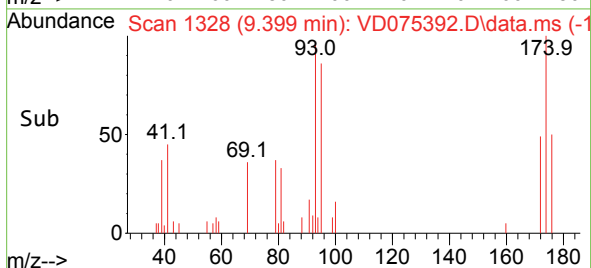
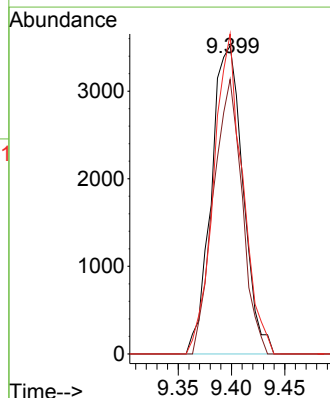
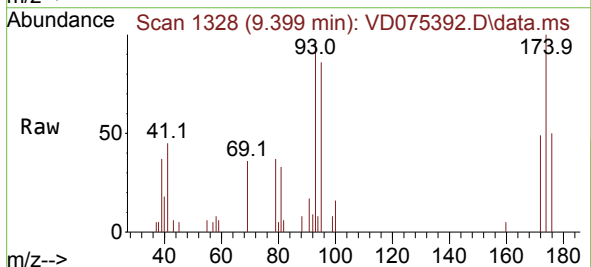
Tgt Ion: 93 Resp: 7262

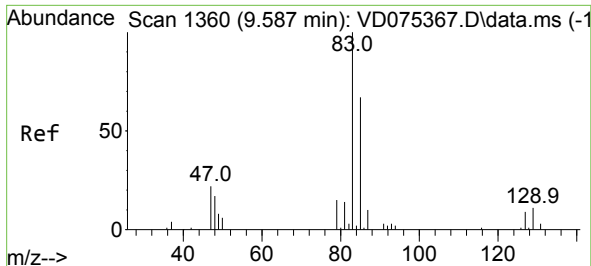
Ion Ratio Lower Upper

93 100

95 80.8 64.5 96.7

174 94.8 76.2 114.4





#47

Bromodichloromethane

Concen: 20.977 ug/l

RT: 9.581 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

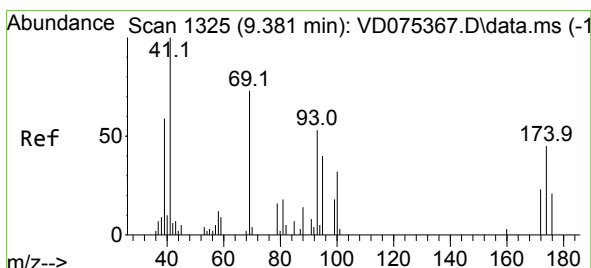
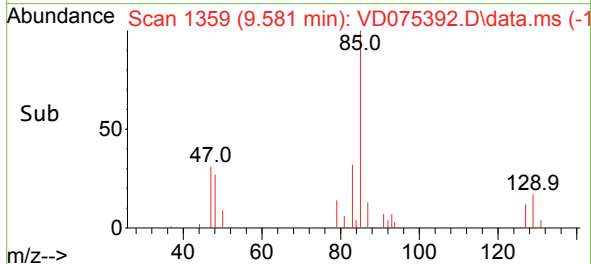
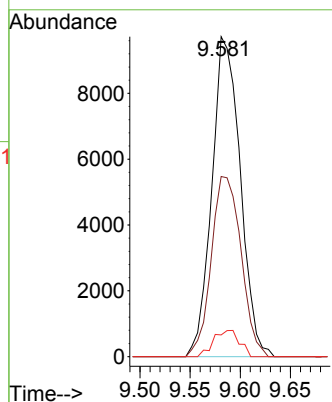
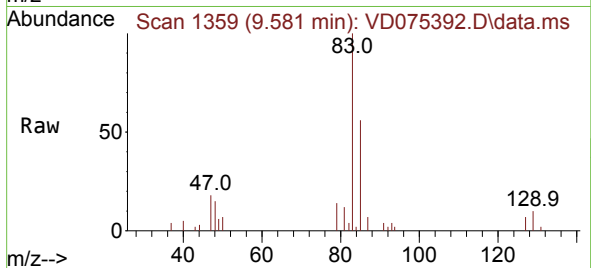
Tgt Ion: 83 Resp: 19103

Ion Ratio Lower Upper

83 100

85 56.3 53.7 80.5

127 6.8 7.0 10.6#



#48

Methyl methacrylate

Concen: 20.104 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

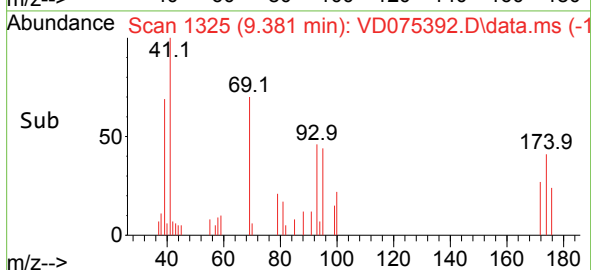
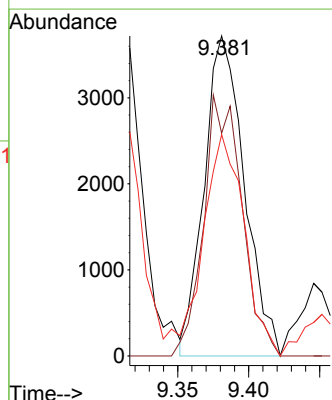
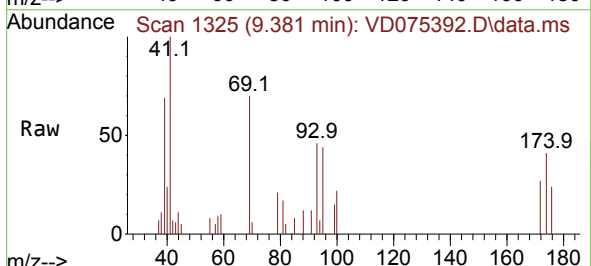
Tgt Ion: 41 Resp: 7316

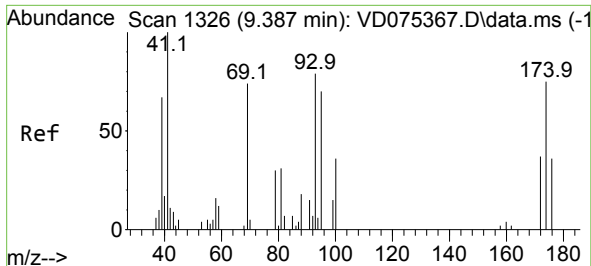
Ion Ratio Lower Upper

41 100

69 77.4 58.6 88.0

39 69.1 53.4 80.0





#49

1,4-Dioxane

Concen: 420.030 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

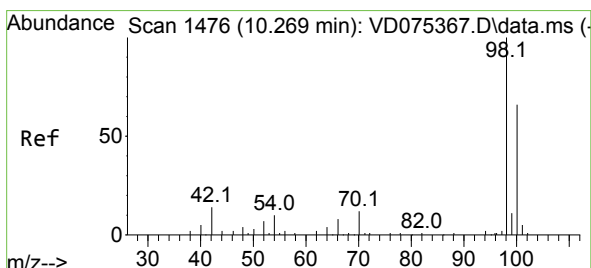
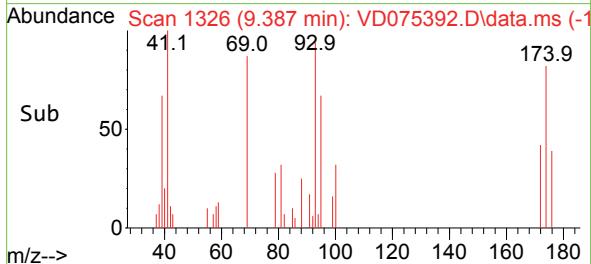
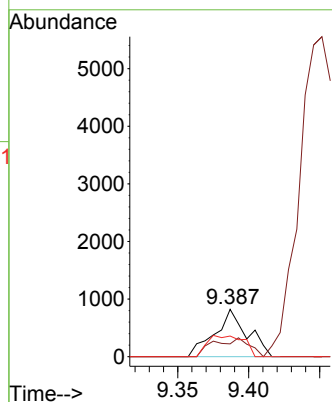
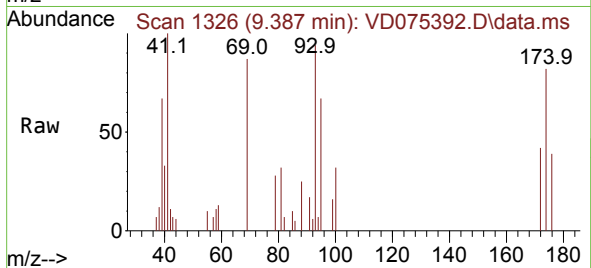
Tgt Ion: 88 Resp: 1304

Ion Ratio Lower Upper

88 100

43 43.4 34.6 51.8

58 50.2 58.0 87.0#



#50

Toluene-d8

Concen: 44.732 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075392.D

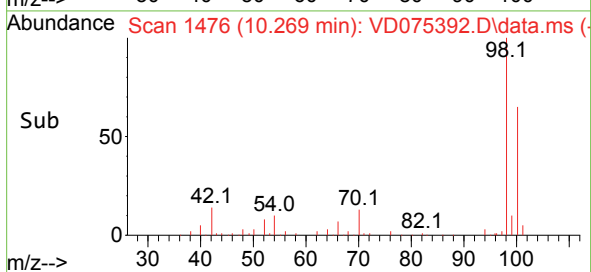
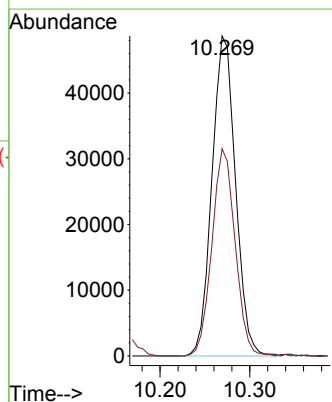
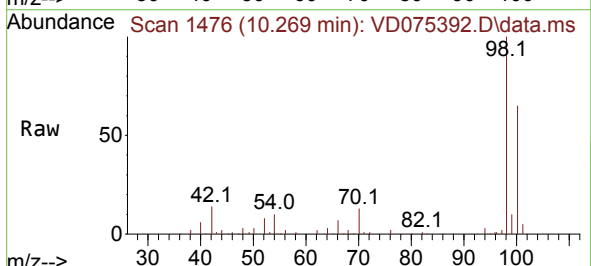
Acq: 21 Feb 2023 20:28

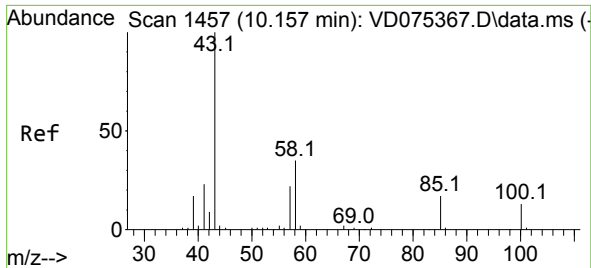
Tgt Ion: 98 Resp: 88669

Ion Ratio Lower Upper

98 100

100 63.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 99.448 ug/l

RT: 10.163 min Scan# 1457

Delta R.T. 0.006 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

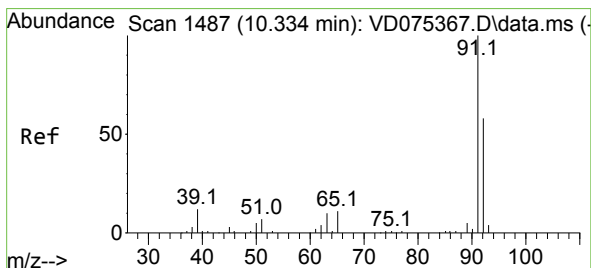
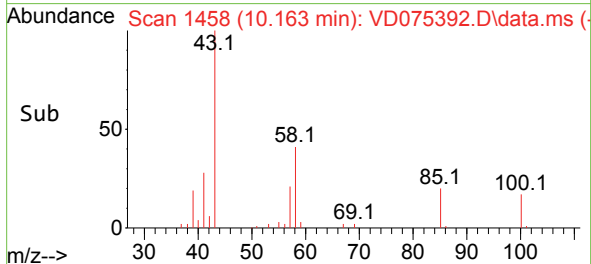
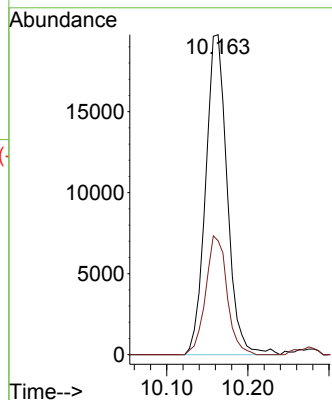
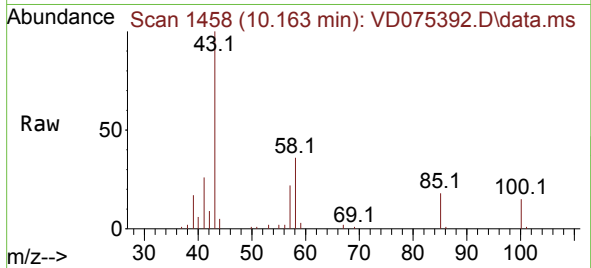
VD0221SBS01

Tgt Ion: 43 Resp: 36460

Ion Ratio Lower Upper

43 100

58 36.8 29.5 44.3



#52

Toluene

Concen: 20.500 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075392.D

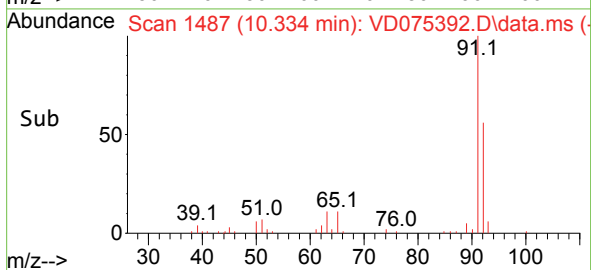
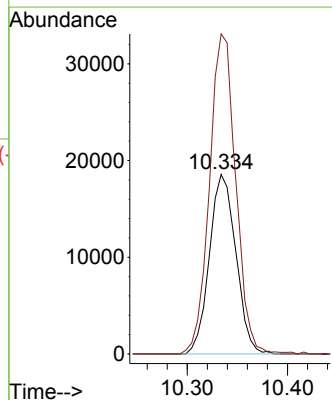
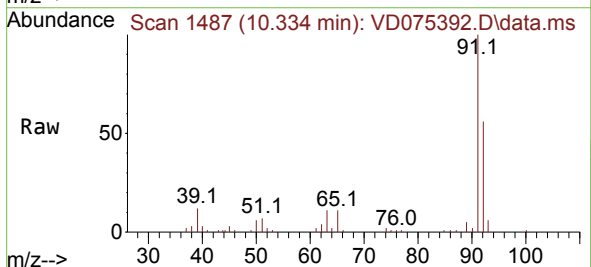
Acq: 21 Feb 2023 20:28

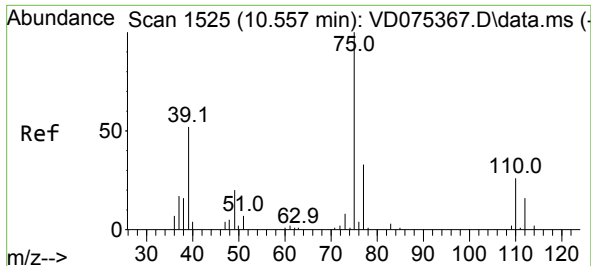
Tgt Ion: 92 Resp: 34014

Ion Ratio Lower Upper

92 100

91 177.0 136.5 204.7

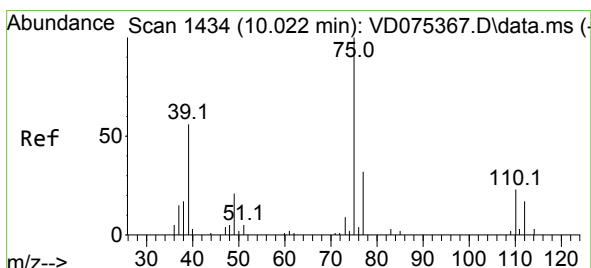
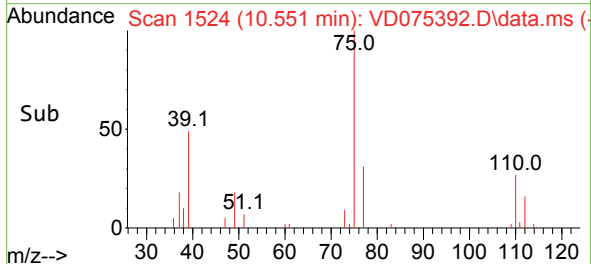
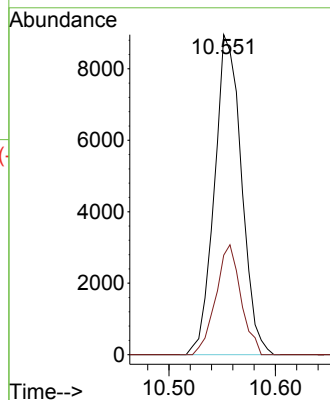
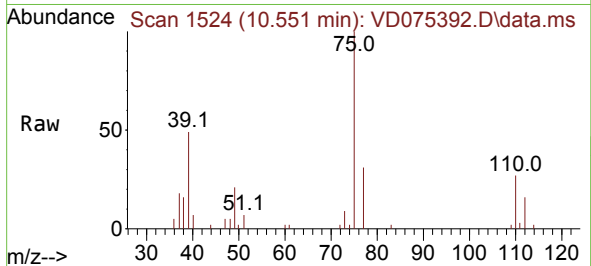




#53
t-1,3-Dichloropropene
Concen: 21.177 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

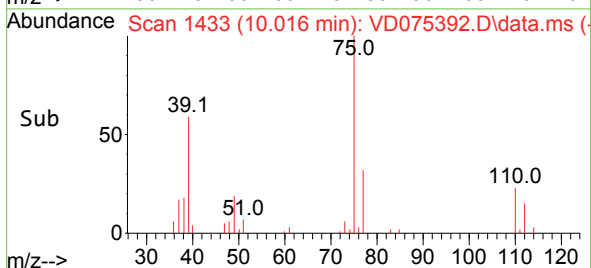
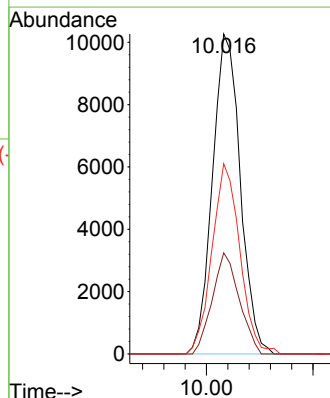
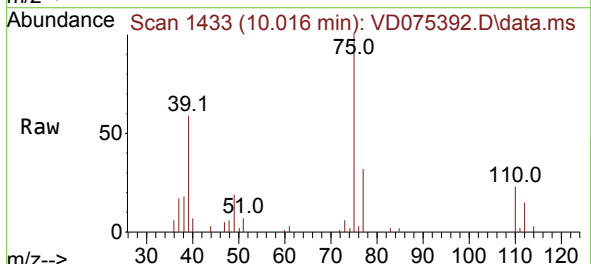
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

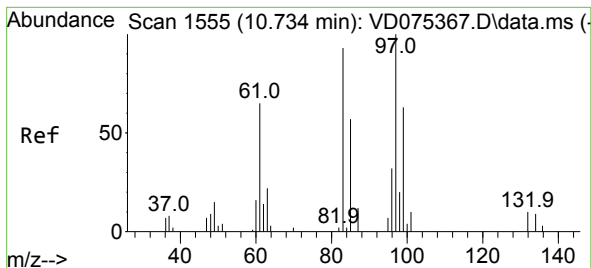
Tgt Ion: 75 Resp: 15788
Ion Ratio Lower Upper
75 100
77 31.1 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 20.582 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 75 Resp: 18603
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 59.5 44.8 67.2





#55

1,1,2-Trichloroethane

Concen: 20.114 ug/l

RT: 10.740 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

Tgt Ion: 97 Resp: 9325

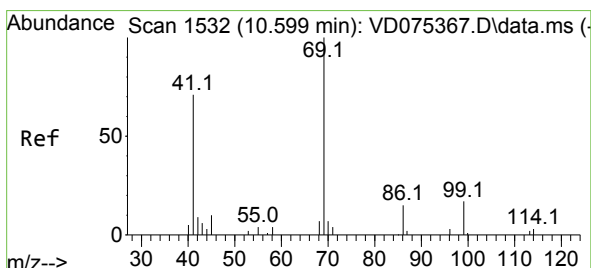
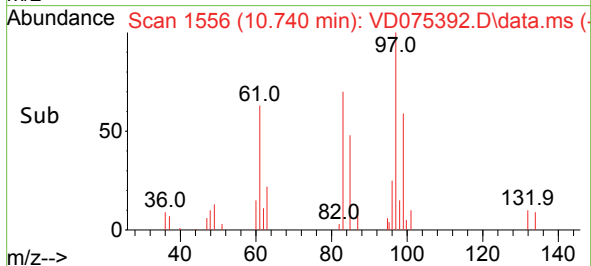
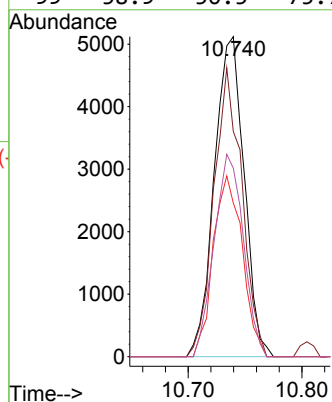
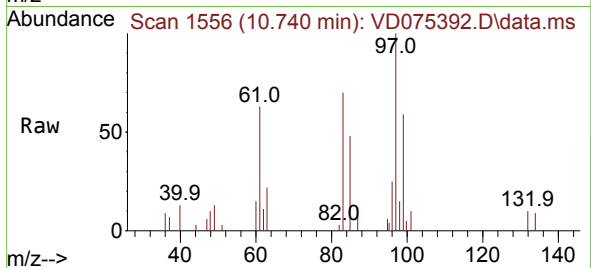
Ion Ratio Lower Upper

97 100

83 70.4 74.2 111.4#

85 48.0 45.4 68.0

99 58.9 50.5 75.7



#56

Ethyl methacrylate

Concen: 20.174 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

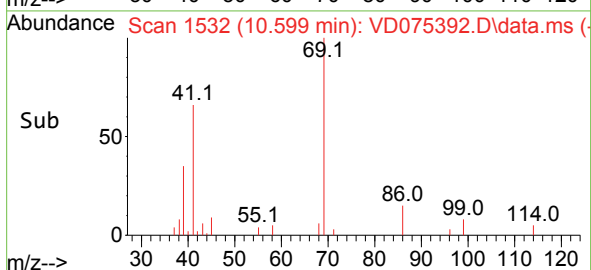
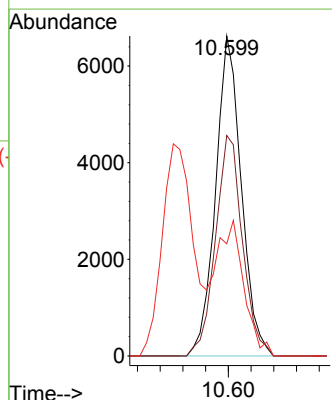
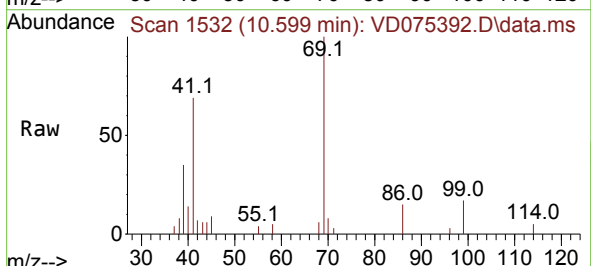
Tgt Ion: 69 Resp: 10408

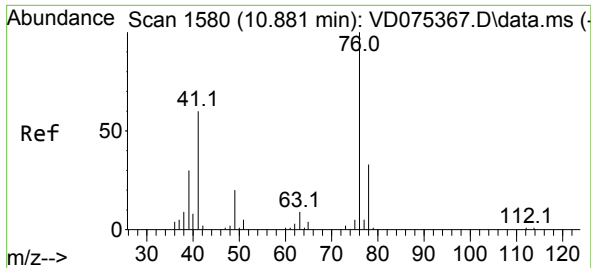
Ion Ratio Lower Upper

69 100

41 72.4 59.3 88.9

39 45.4 36.0 54.0

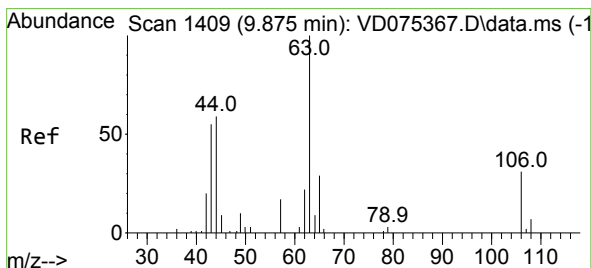
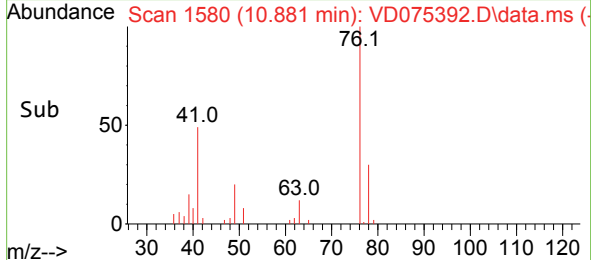
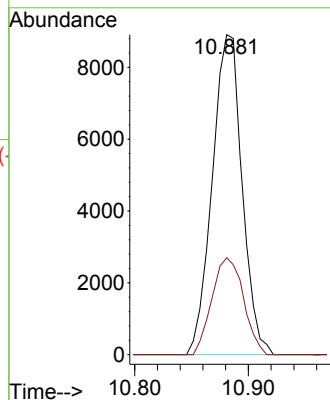
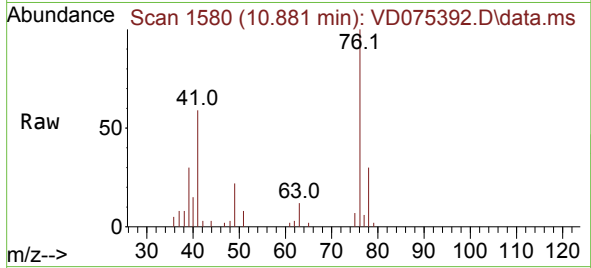




#57
1,3-Dichloropropane
Concen: 20.341 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

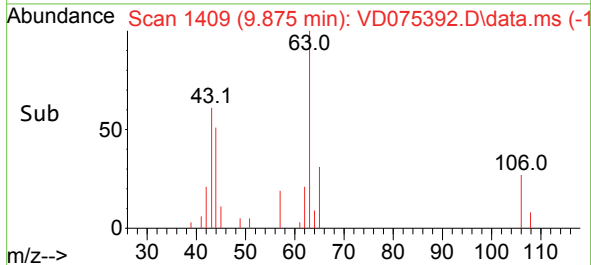
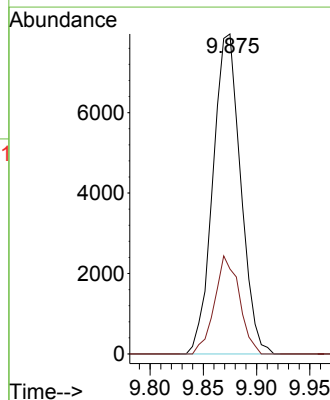
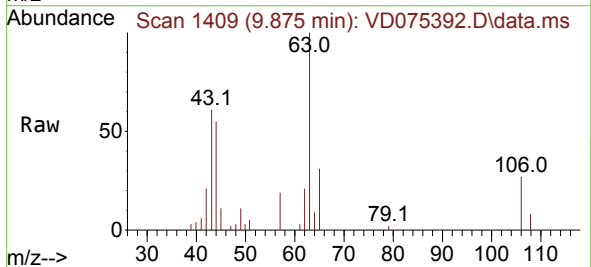
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

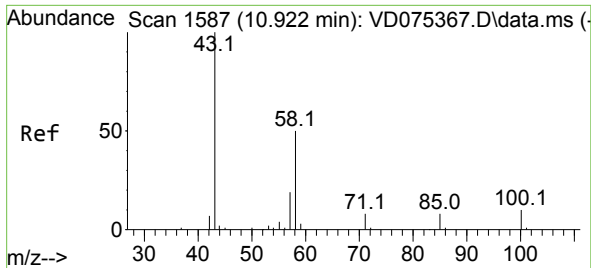
Tgt Ion: 76 Resp: 16242
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 127.571 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 63 Resp: 14396
Ion Ratio Lower Upper
63 100
106 27.5 21.4 32.2

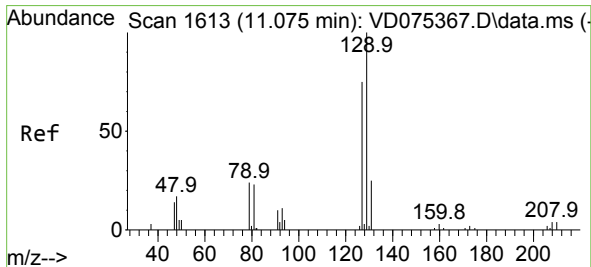
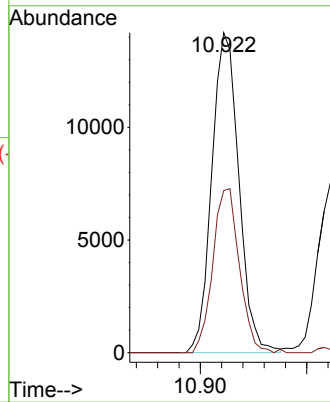
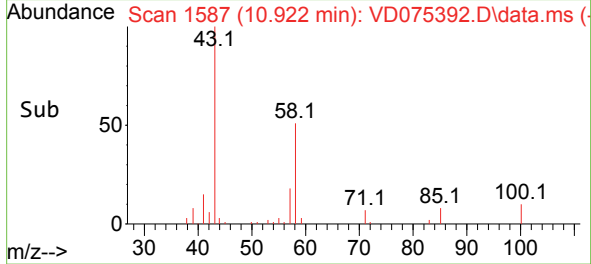
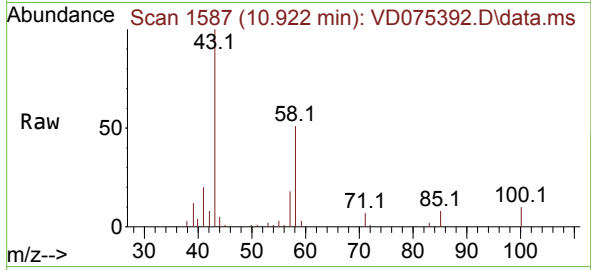




#59
2-Hexanone
Concen: 96.796 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

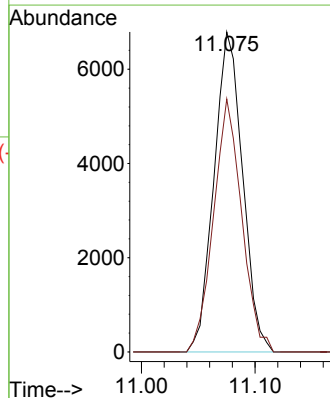
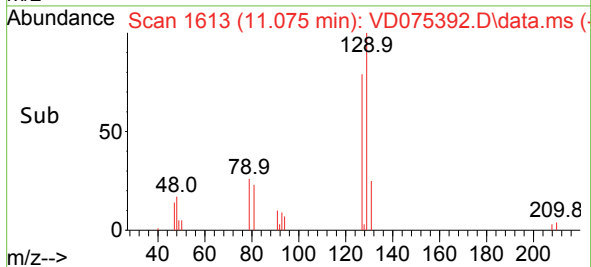
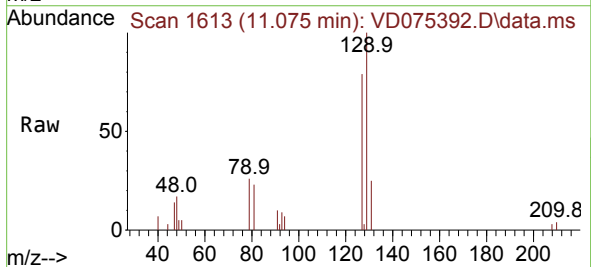
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

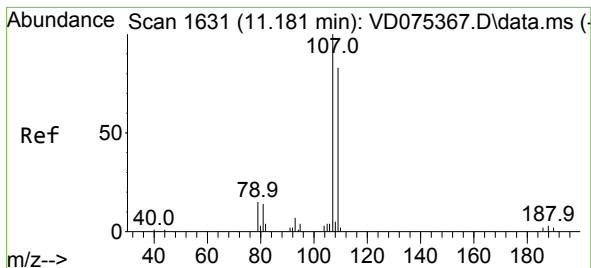
Tgt Ion: 43 Resp: 25042
Ion Ratio Lower Upper
43 100
58 50.5 25.3 75.8



#60
Dibromochloromethane
Concen: 20.061 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 129 Resp: 11891
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.901 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

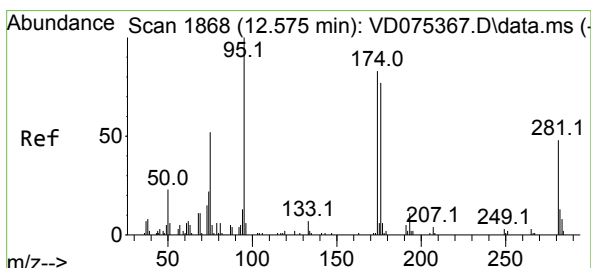
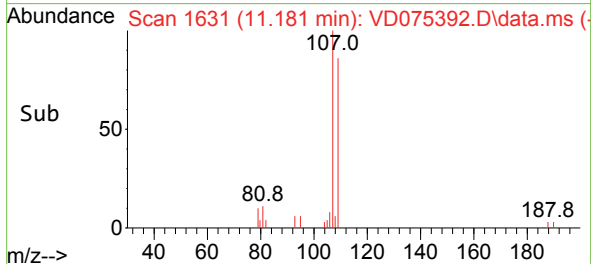
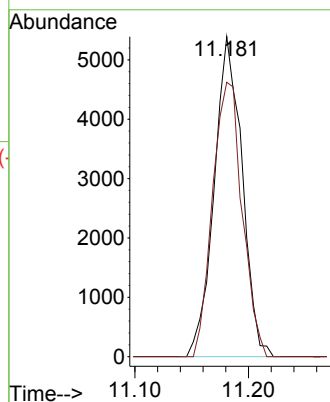
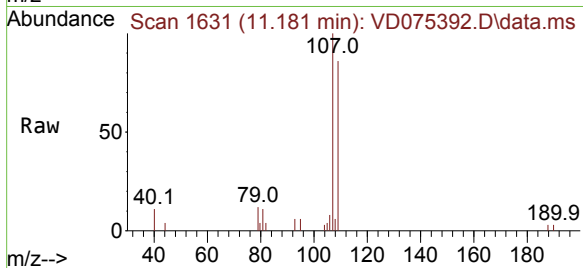
VD0221SBS01

Tgt Ion:107 Resp: 9188

Ion Ratio Lower Upper

107 100

109 91.0 73.6 110.4



#62

4-Bromofluorobenzene

Concen: 46.497 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

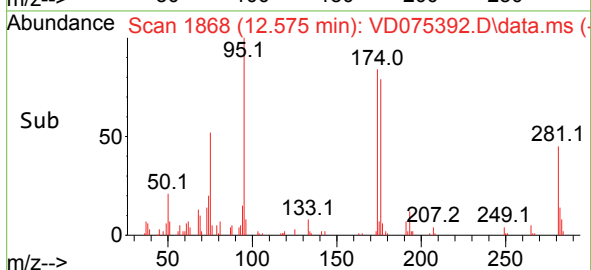
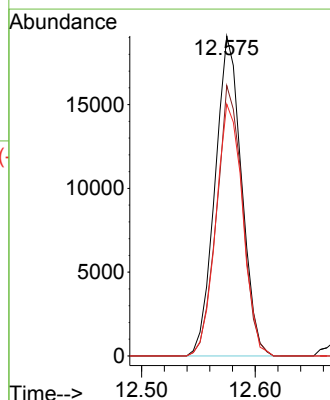
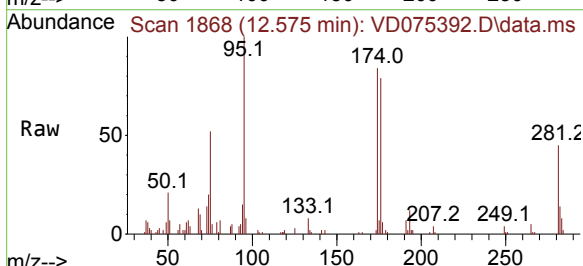
Tgt Ion: 95 Resp: 30949

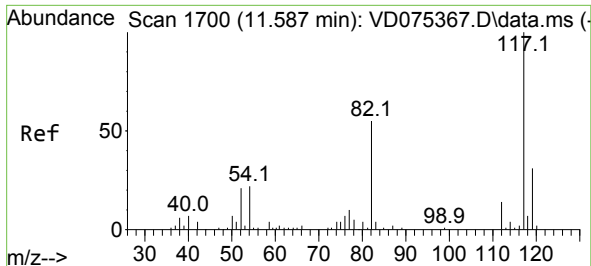
Ion Ratio Lower Upper

95 100

174 82.5 0.0 164.0

176 79.8 0.0 156.8

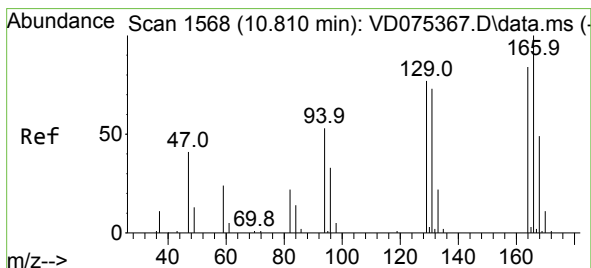
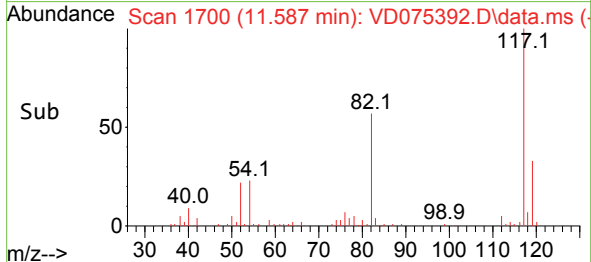
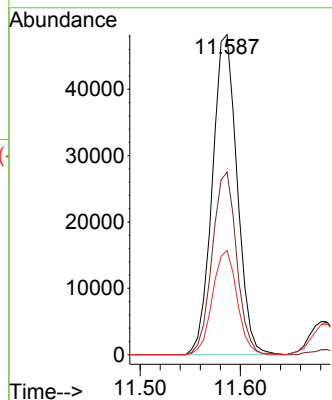
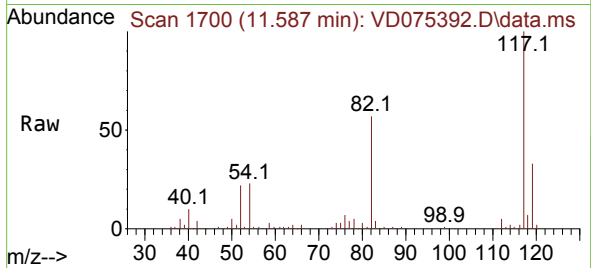




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

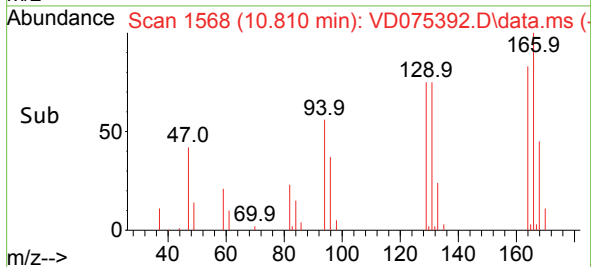
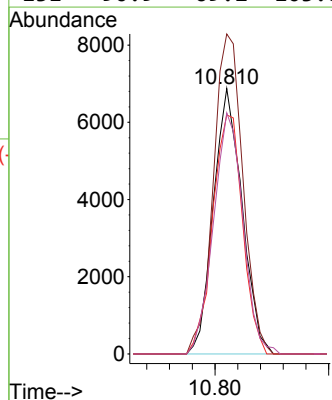
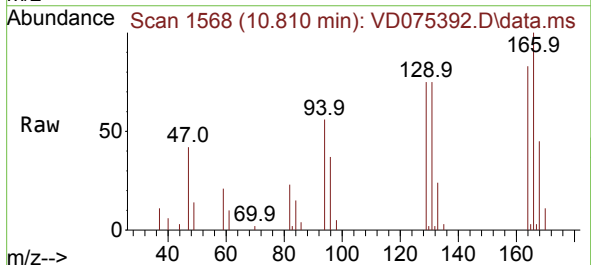
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

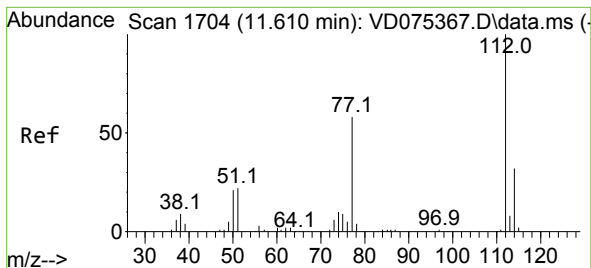
Tgt Ion:117	Resp:	82837	
Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.0	66.0
119	32.5	25.1	37.7



#64
Tetrachloroethene
Concen: 20.344 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion:164	Resp:	12063	
Ion	Ratio	Lower	Upper
164	100		
166	120.5	94.9	142.3
129	90.1	73.0	109.6
131	90.9	69.2	103.8





#65

Chlorobenzene

Concen: 20.619 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

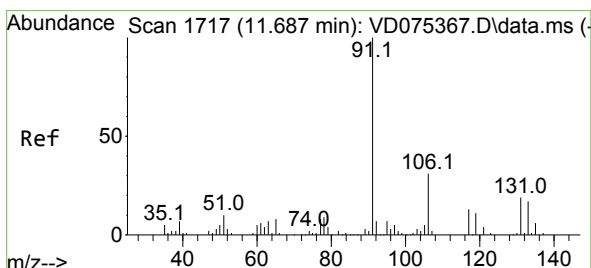
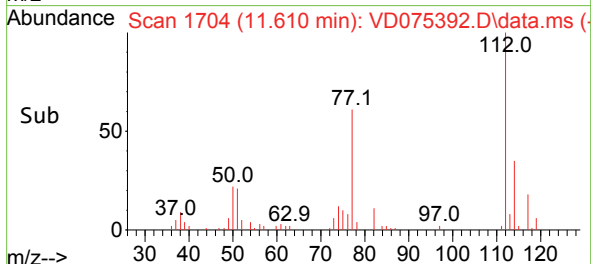
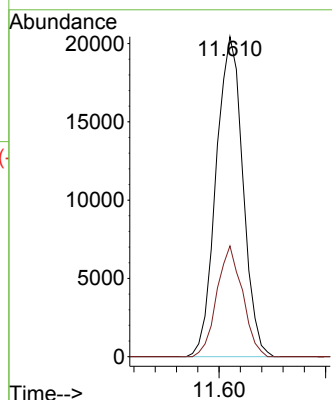
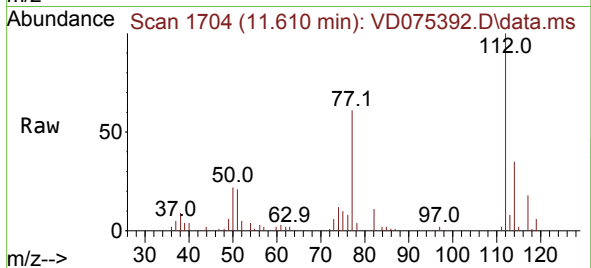
VD0221SBSD01

Tgt Ion:112 Resp: 35725

Ion Ratio Lower Upper

112 100

114 34.6 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.915 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

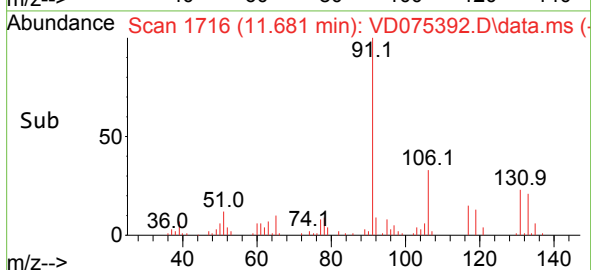
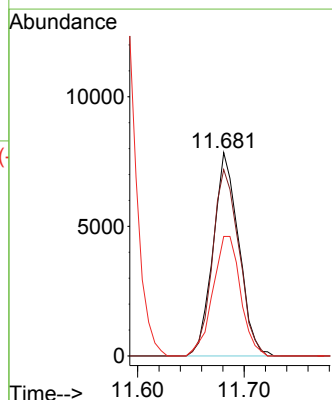
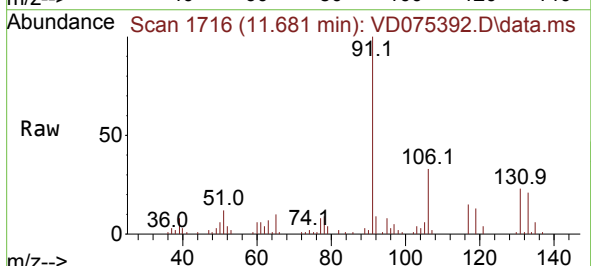
Tgt Ion:131 Resp: 13159

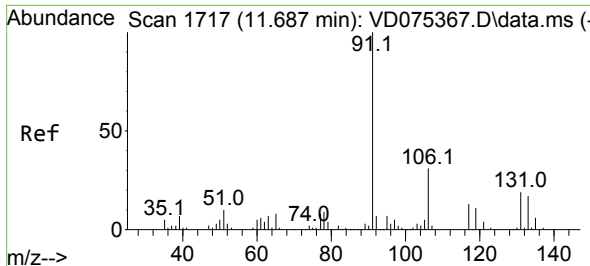
Ion Ratio Lower Upper

131 100

133 94.8 46.7 140.0

119 63.4 31.9 95.9

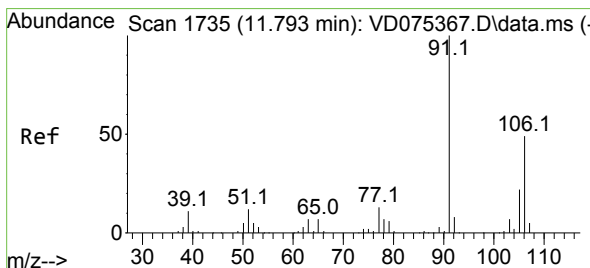
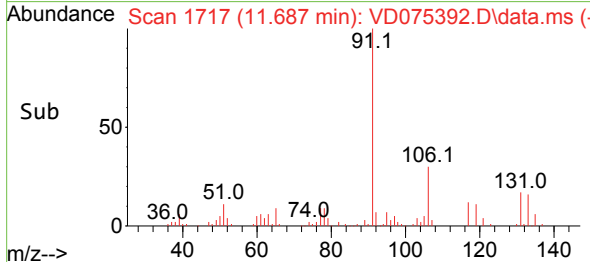
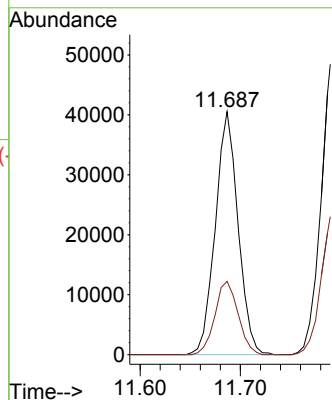
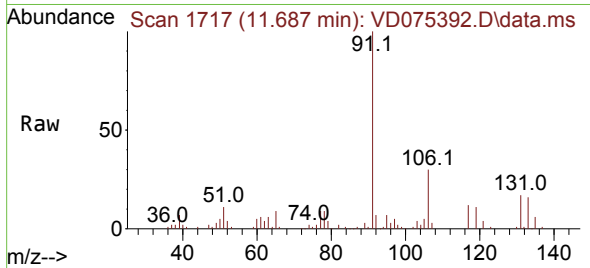




#67
Ethyl Benzene
Concen: 20.304 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

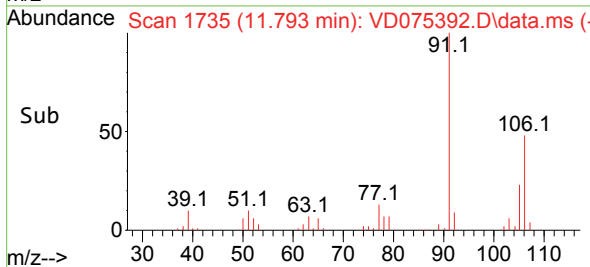
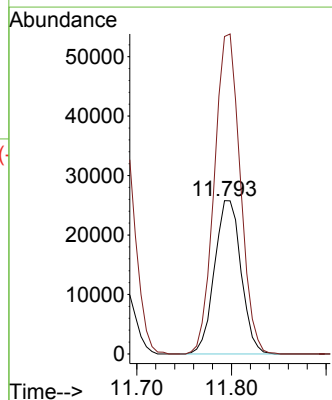
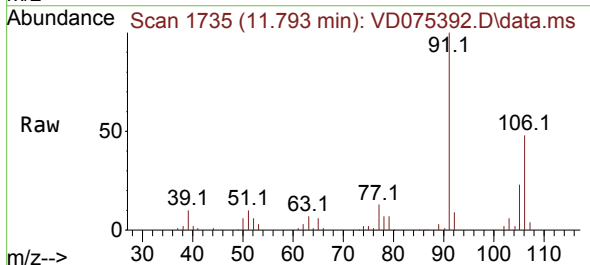
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

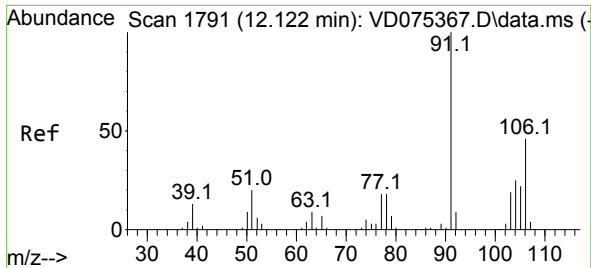
Tgt Ion: 91 Resp: 63799
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7



#68
m/p-Xylenes
Concen: 40.776 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 106 Resp: 50222
Ion Ratio Lower Upper
106 100
91 203.9 161.5 242.3

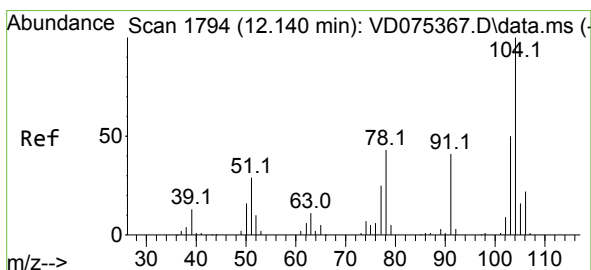
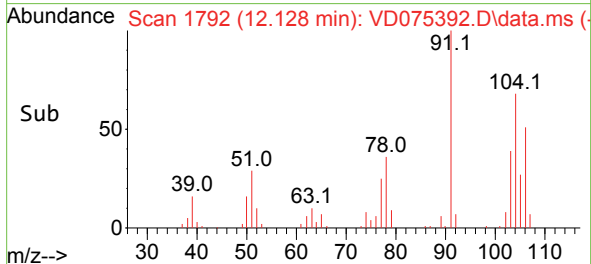
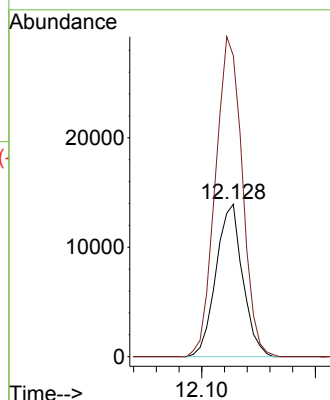
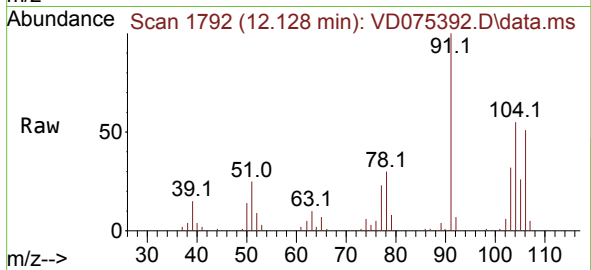




#69
o-Xylene
Concen: 20.155 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

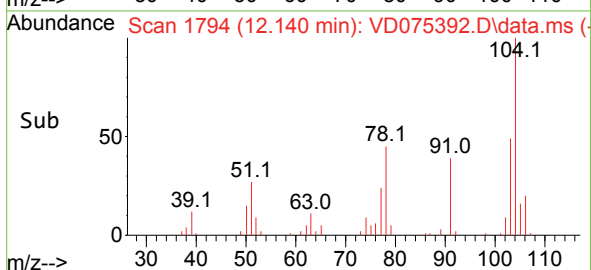
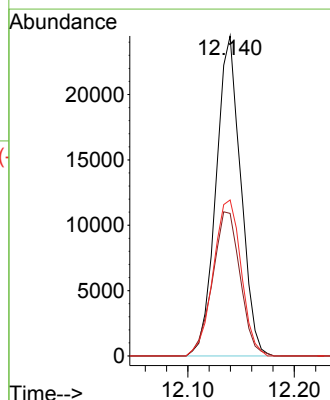
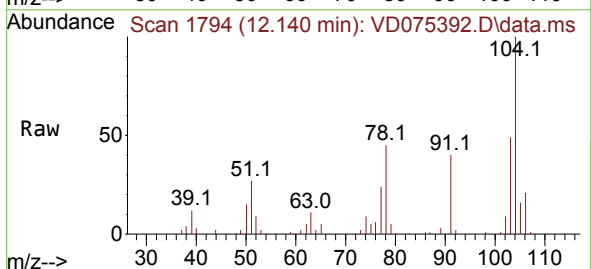
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

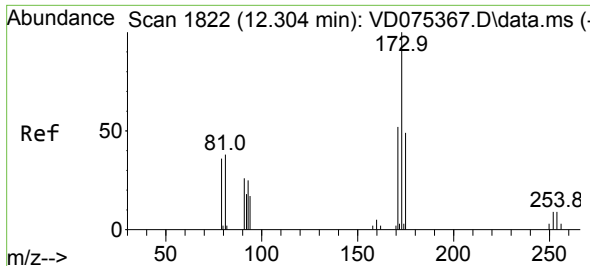
Tgt Ion:106 Resp: 22735
Ion Ratio Lower Upper
106 100
91 211.7 105.7 317.1



#70
Styrene
Concen: 20.950 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion:104 Resp: 39441
Ion Ratio Lower Upper
104 100
78 50.5 40.2 60.4
103 54.9 44.2 66.2

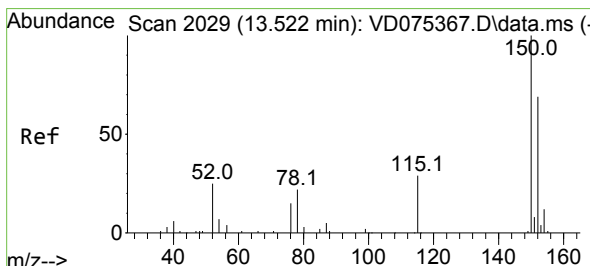
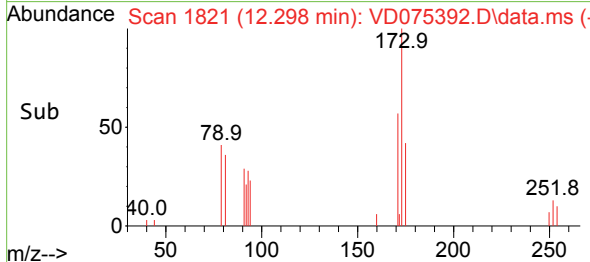
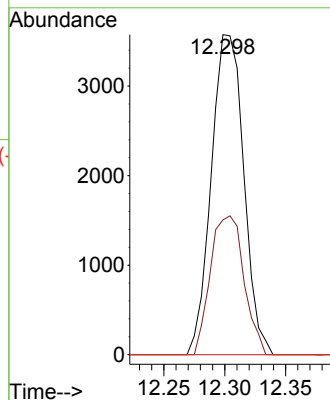
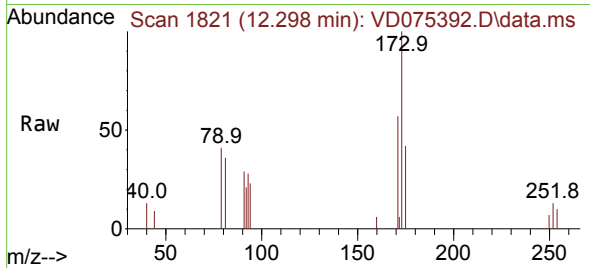




#71
Bromoform
Concen: 20.559 ug/l
RT: 12.298 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

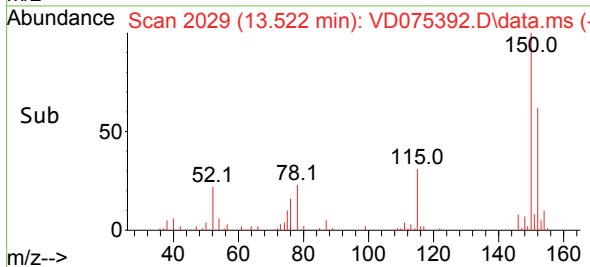
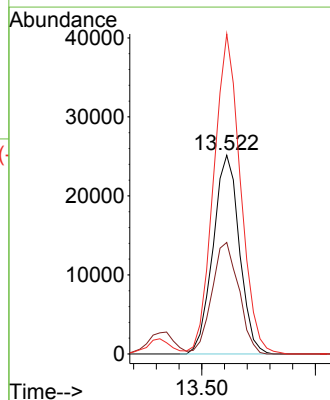
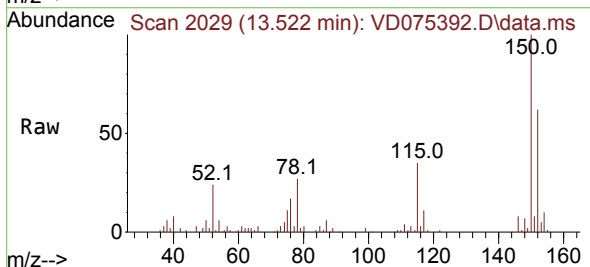
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

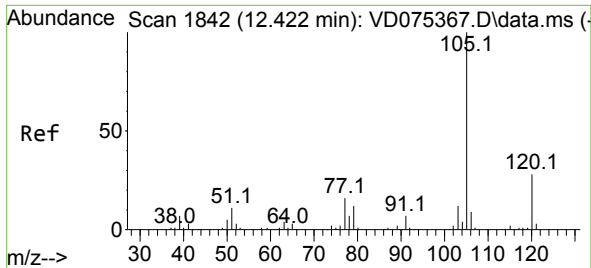
Tgt Ion:173 Resp: 6629
Ion Ratio Lower Upper
173 100
175 44.8 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion:152 Resp: 40502
Ion Ratio Lower Upper
152 100
115 57.3 30.1 90.3
150 163.5 0.0 364.8

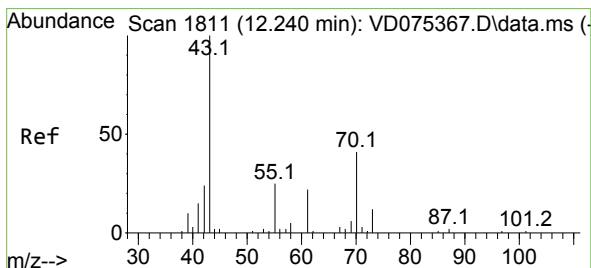
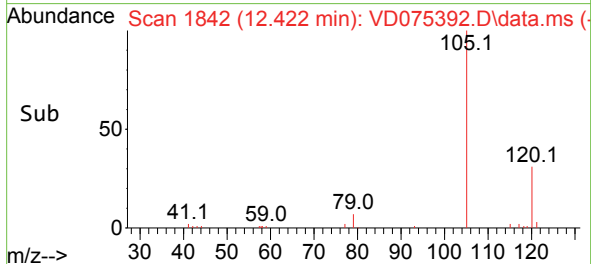
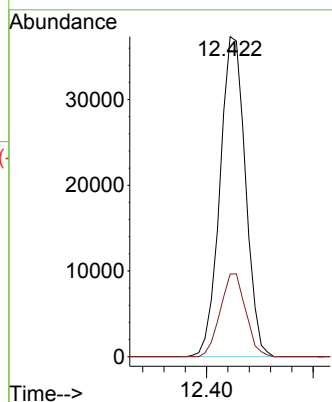
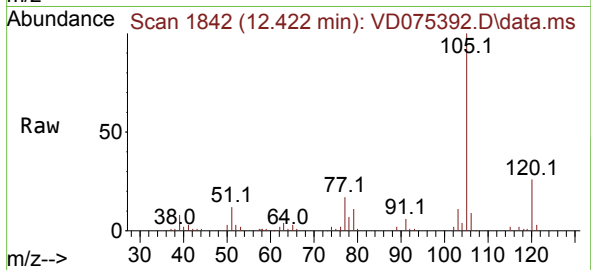




#73
Isopropylbenzene
Concen: 20.295 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

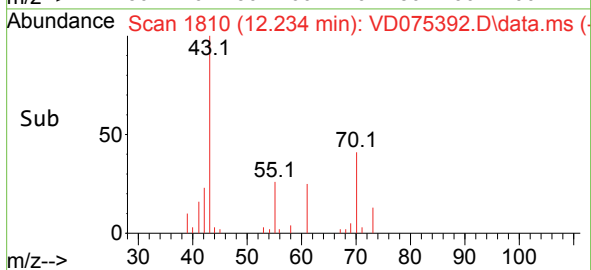
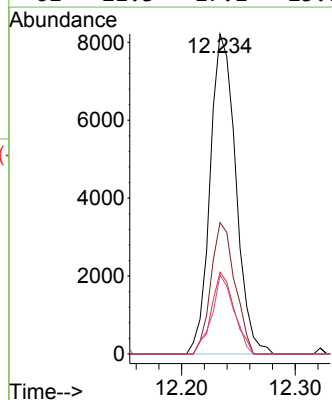
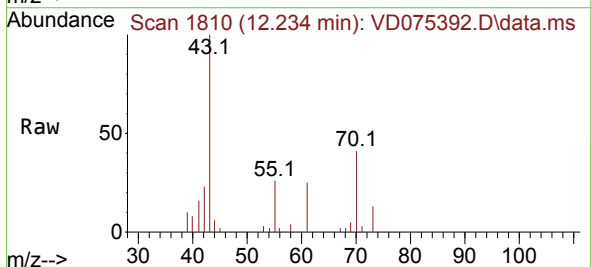
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

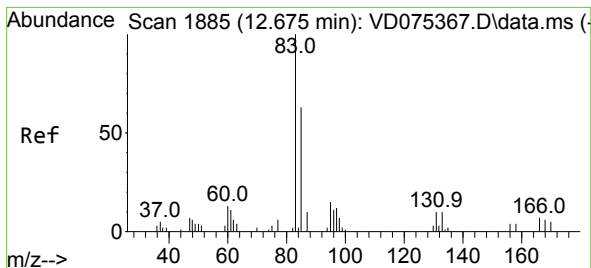
Tgt Ion:105 Resp: 61979
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#74
N-ethyl acetate
Concen: 19.708 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 43 Resp: 12885
Ion Ratio Lower Upper
43 100
70 38.3 31.0 46.4
55 23.0 18.6 28.0
61 21.3 17.1 25.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.604 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

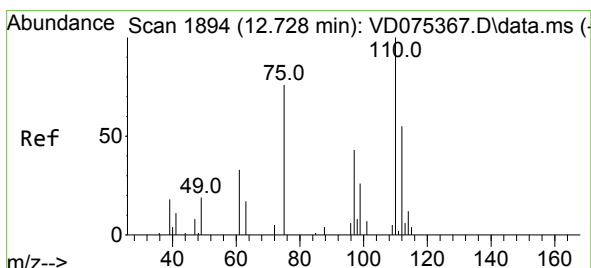
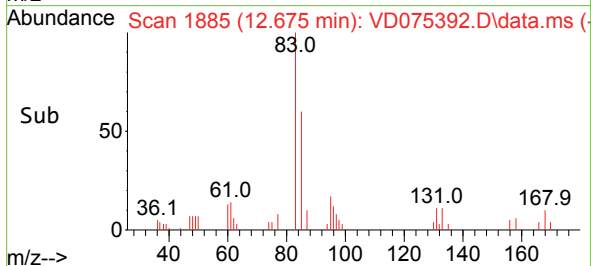
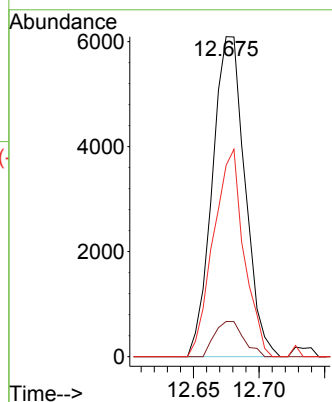
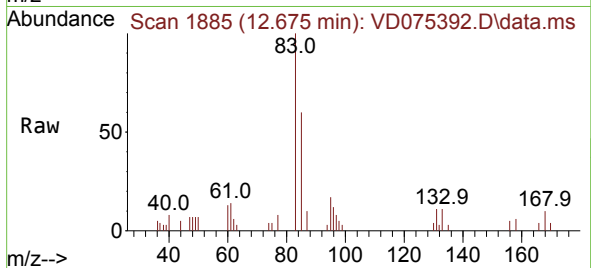
Tgt Ion: 83 Resp: 10545

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

85 60.7 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 43.410 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075392.D

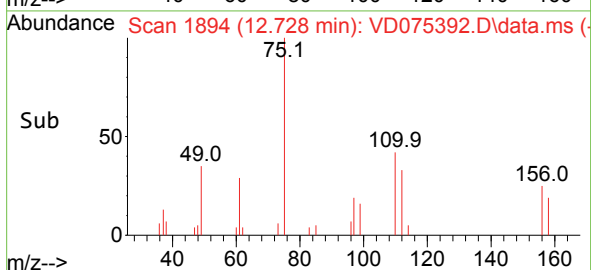
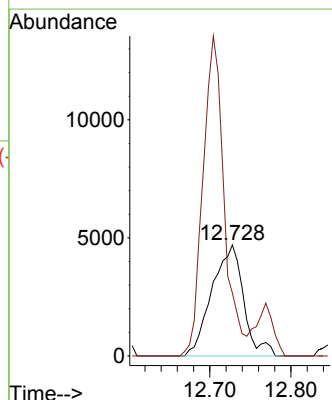
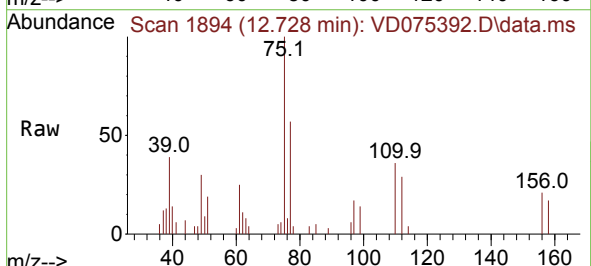
Acq: 21 Feb 2023 20:28

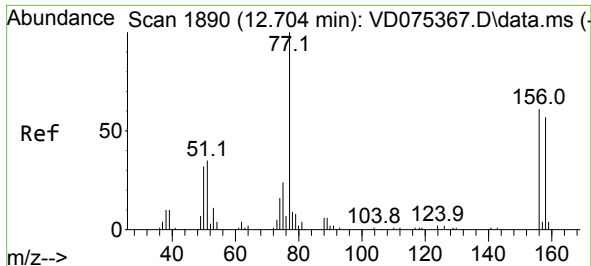
Tgt Ion: 75 Resp: 12719

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

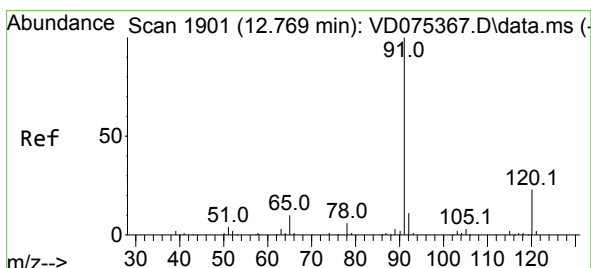
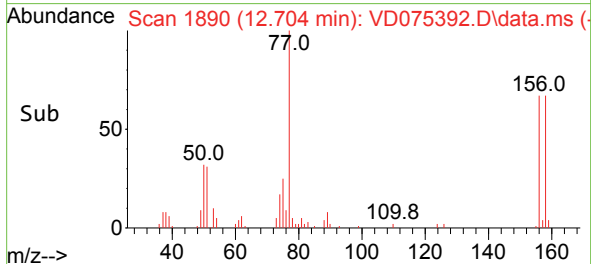
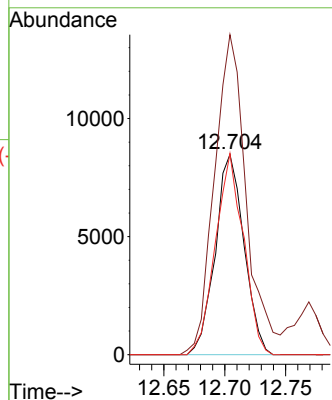
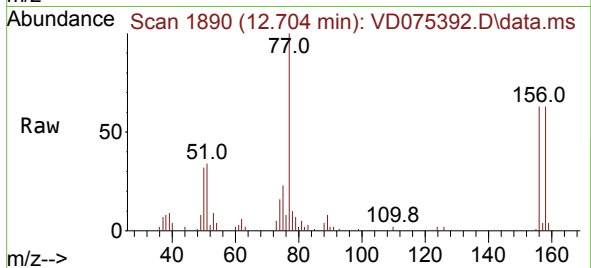




#77
Bromobenzene
Concen: 20.164 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

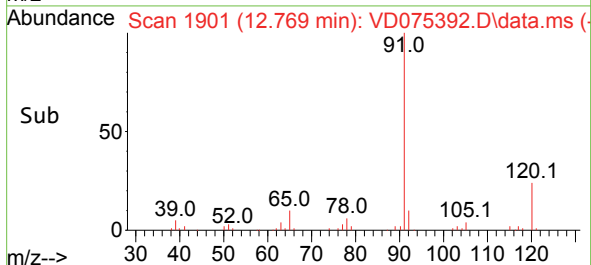
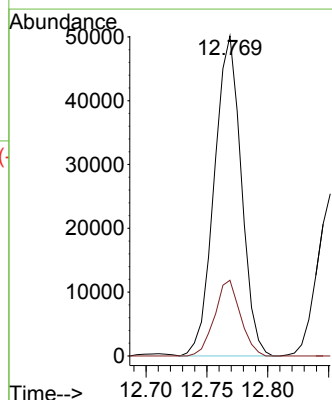
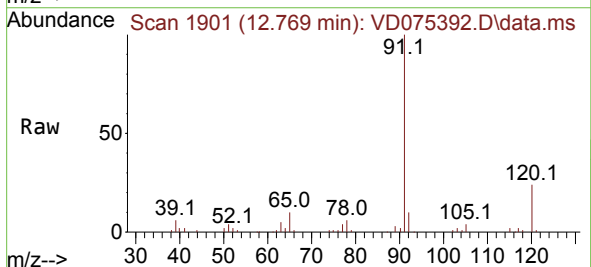
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

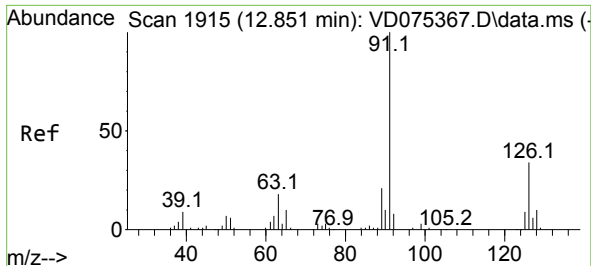
Tgt Ion:156 Resp: 13918
Ion Ratio Lower Upper
156 100
77 176.7 89.5 268.6
158 98.3 47.8 143.4



#78
n-propylbenzene
Concen: 20.246 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 91 Resp: 77364
Ion Ratio Lower Upper
91 100
120 22.6 11.4 34.2





#79

2-Chlorotoluene

Concen: 20.402 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

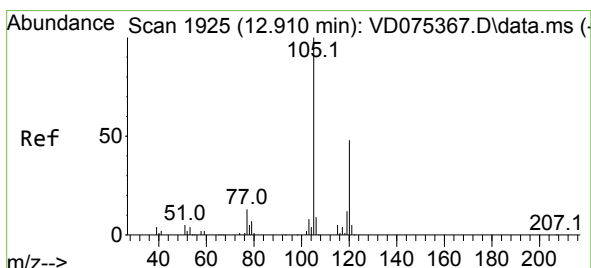
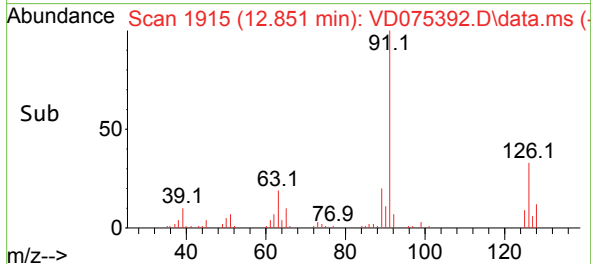
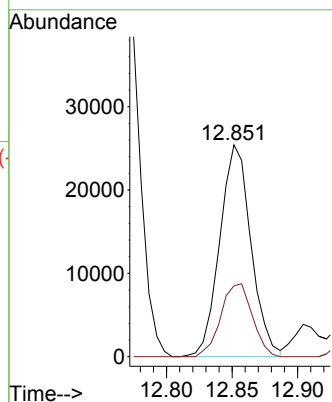
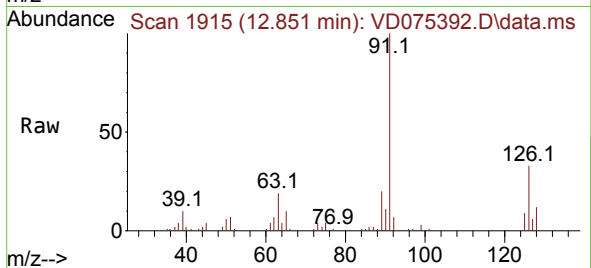
VD0221SBSD01

Tgt Ion: 91 Resp: 42098

Ion Ratio Lower Upper

91 100

126 34.7 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 20.500 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075392.D

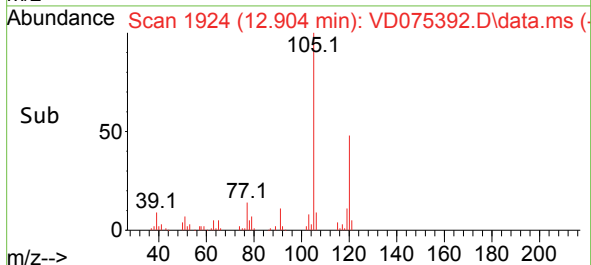
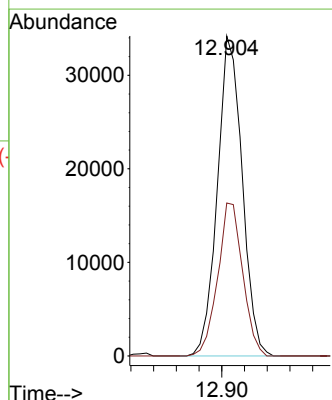
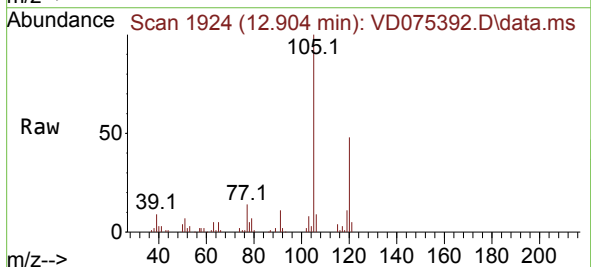
Acq: 21 Feb 2023 20:28

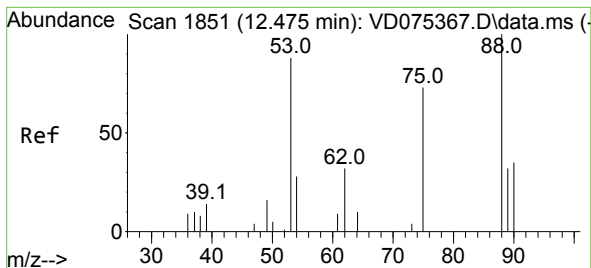
Tgt Ion: 105 Resp: 51812

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8

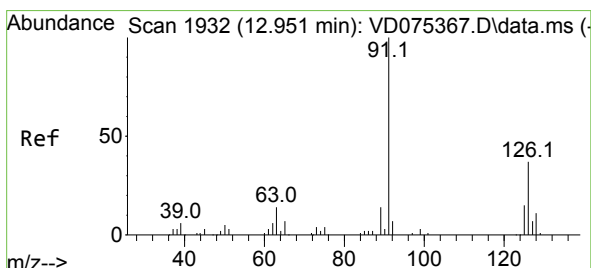
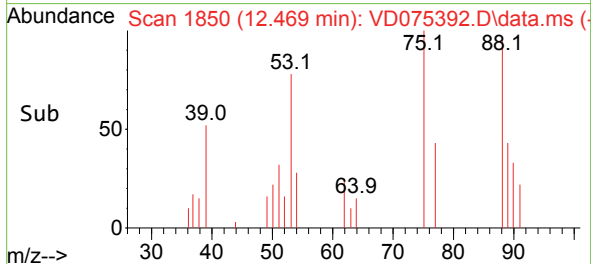
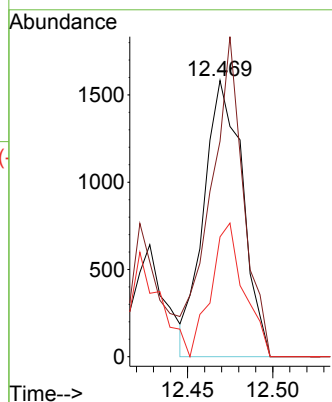
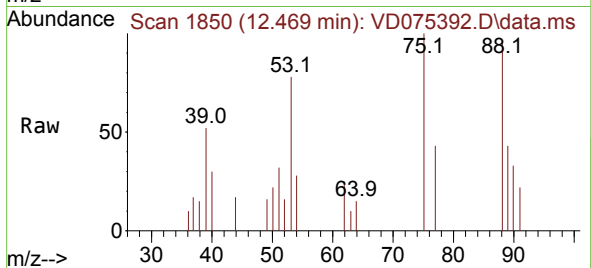




#81
trans-1,4-Dichloro-2-butene
Concen: 23.425 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

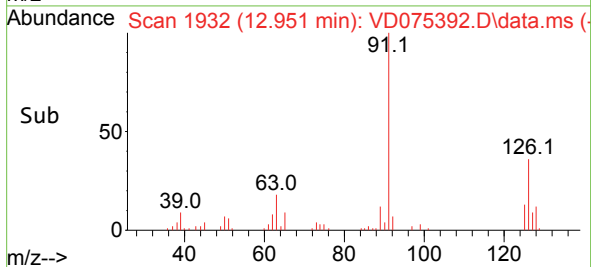
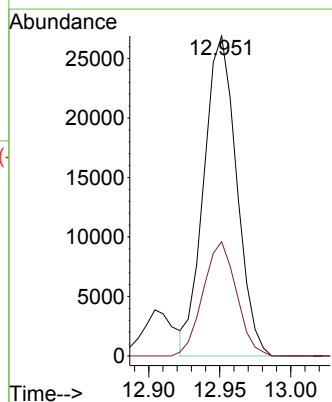
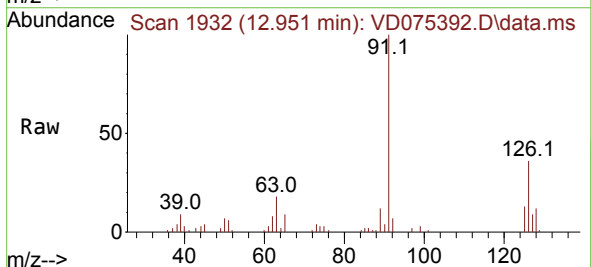
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

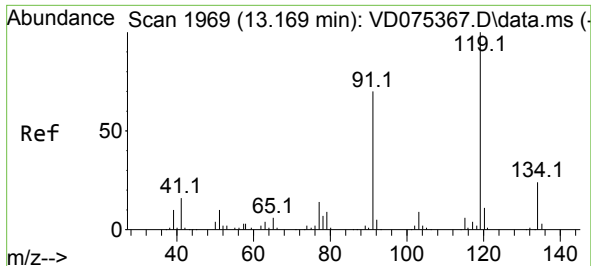
Tgt Ion: 75 Resp: 2494
Ion Ratio Lower Upper
75 100
53 97.8 90.5 135.7
89 41.3 40.2 60.4



#82
4-Chlorotoluene
Concen: 19.824 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 91 Resp: 43156
Ion Ratio Lower Upper
91 100
126 36.3 17.1 51.2

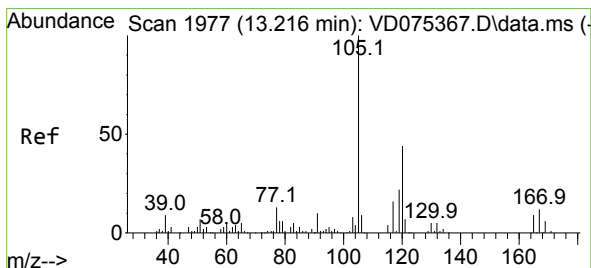
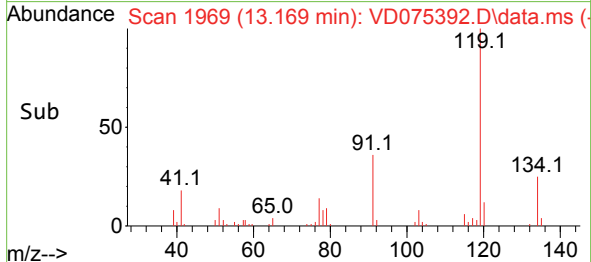
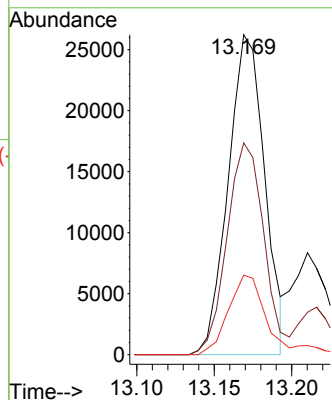
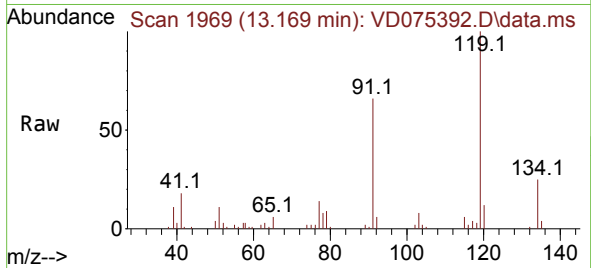




#83
tert-Butylbenzene
Concen: 19.586 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

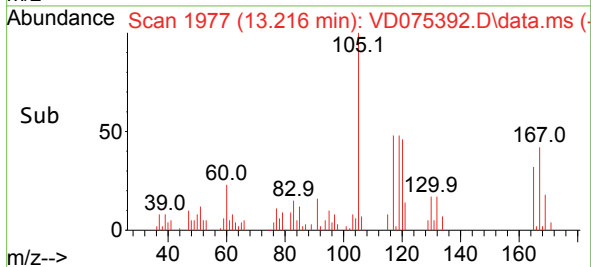
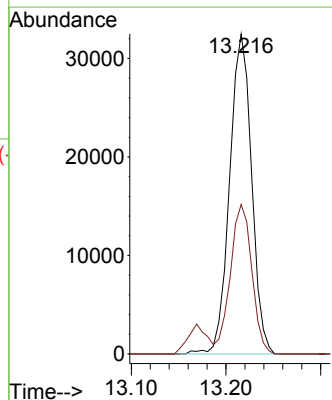
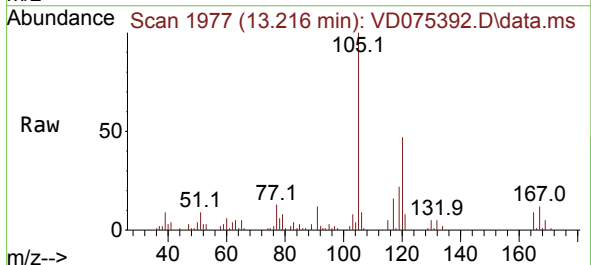
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

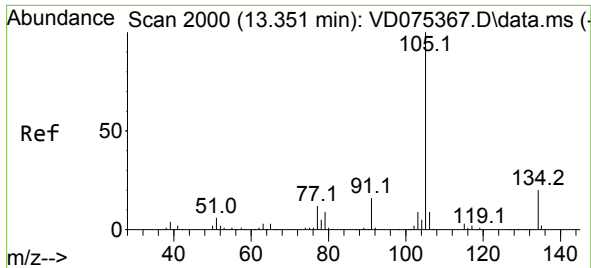
Tgt Ion:119 Resp: 42911
Ion Ratio Lower Upper
119 100
91 67.2 32.4 97.0
134 26.6 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.962 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion:105 Resp: 52328
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.9

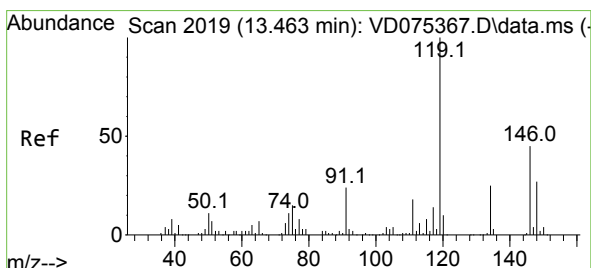
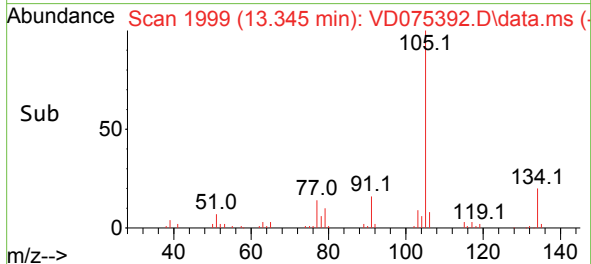
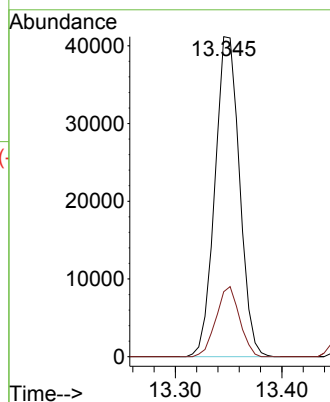
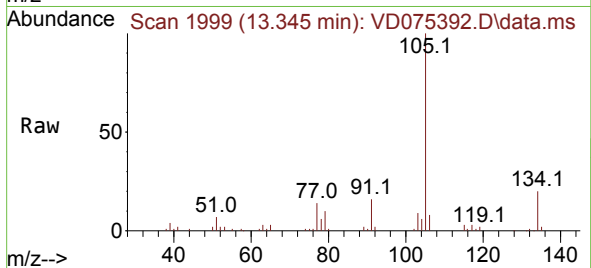




#85
 sec-Butylbenzene
 Concen: 19.510 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075392.D
 Acq: 21 Feb 2023 20:28

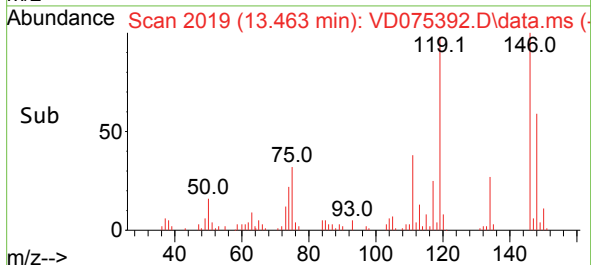
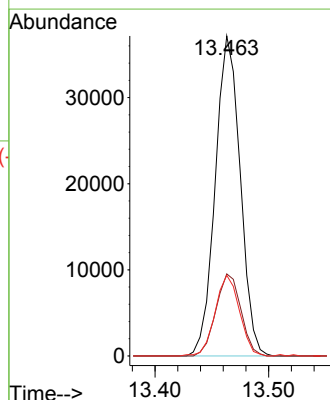
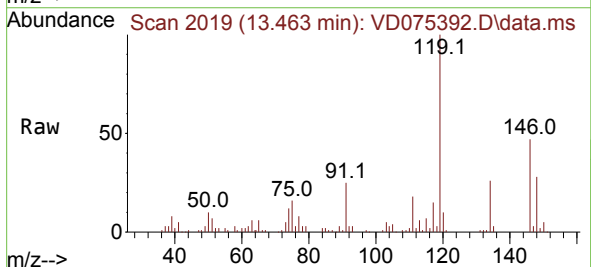
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBSD01

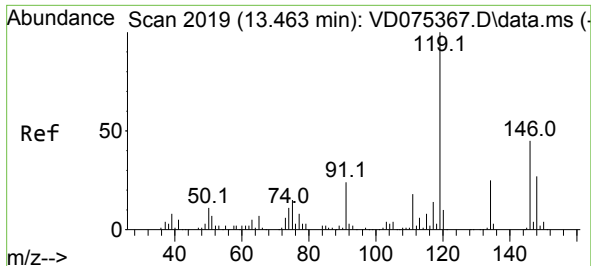
Tgt Ion:105 Resp: 65851
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.659 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075392.D
 Acq: 21 Feb 2023 20:28

Tgt Ion:119 Resp: 56648
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 24.6 12.4 37.4

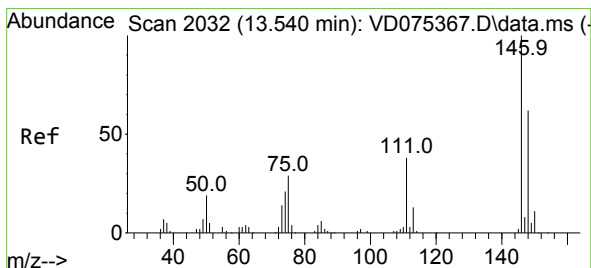
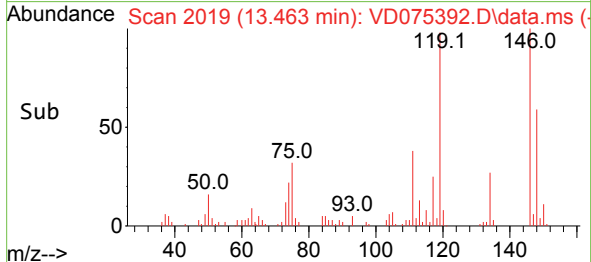
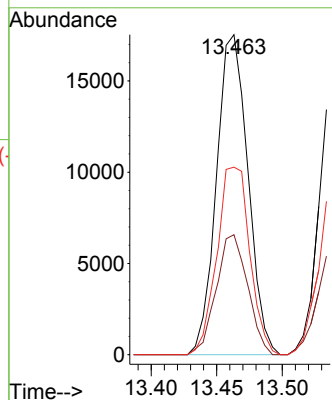
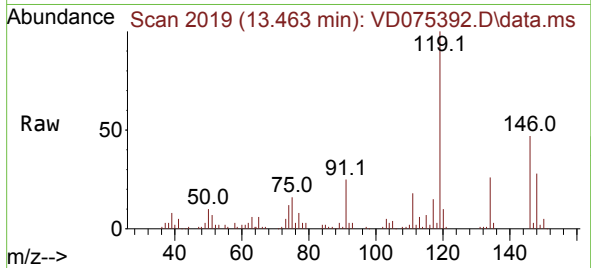




#87
1,3-Dichlorobenzene
Concen: 20.598 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

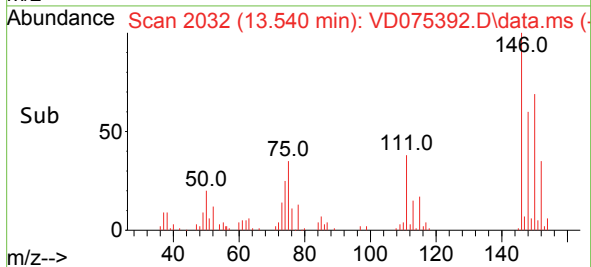
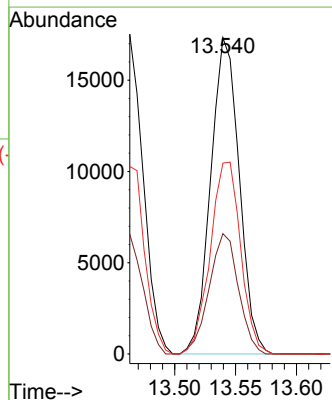
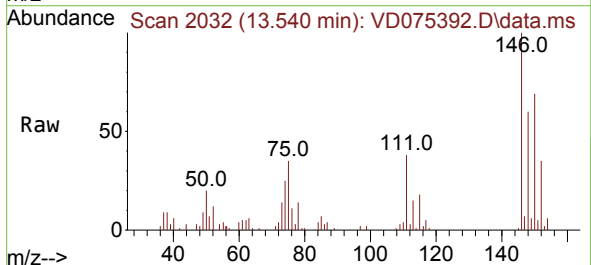
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

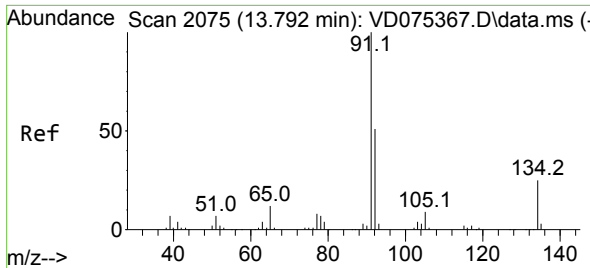
Tgt Ion:146 Resp: 29284
Ion Ratio Lower Upper
146 100
111 37.5 19.8 59.3
148 61.3 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 20.277 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion:146 Resp: 28282
Ion Ratio Lower Upper
146 100
111 39.1 19.6 58.8
148 64.5 31.7 95.1

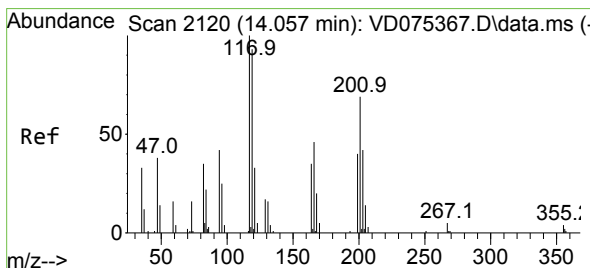
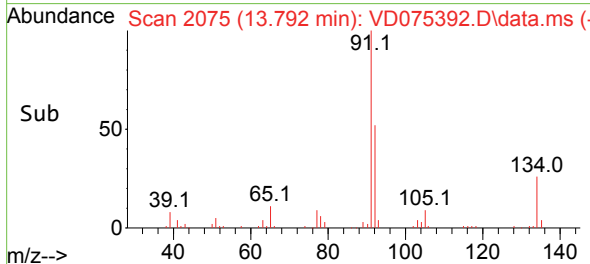
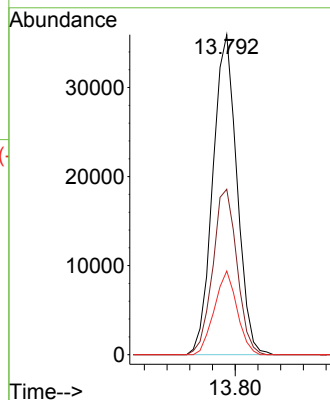
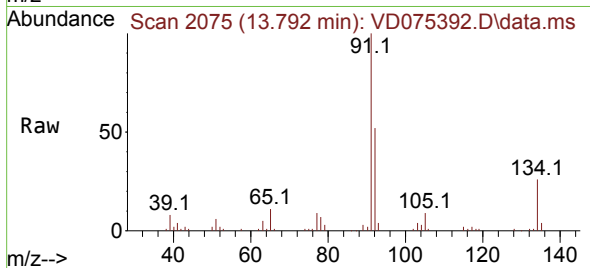




#89
n-Butylbenzene
Concen: 19.617 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

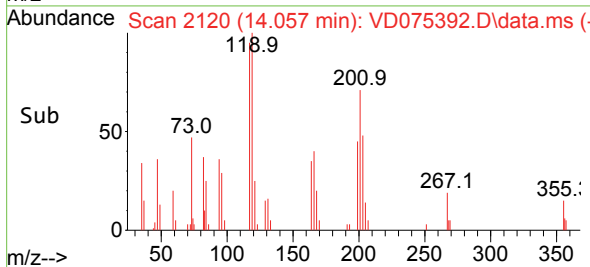
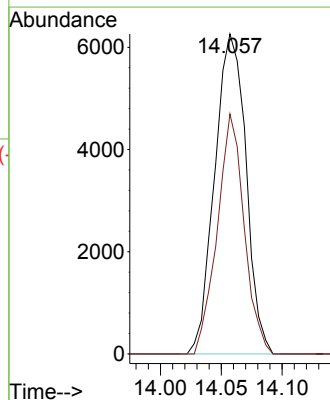
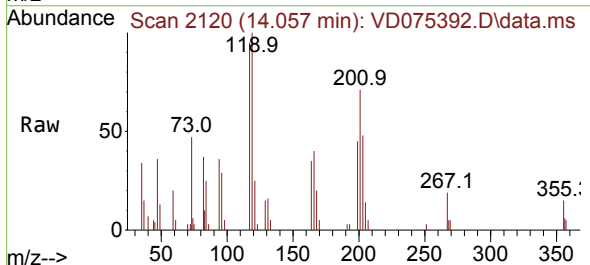
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

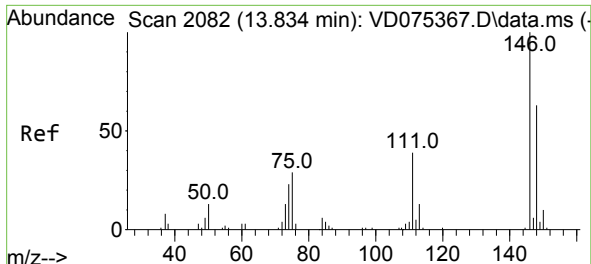
Tgt Ion: 91	Resp: 52915
Ion Ratio	Lower Upper
91 100	
92 52.0	26.2 78.5
134 24.6	12.7 38.0



#90
Hexachloroethane
Concen: 20.339 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075392.D
Acq: 21 Feb 2023 20:28

Tgt Ion: 117	Resp: 11188
Ion Ratio	Lower Upper
117 100	
201 64.6	34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 20.179 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

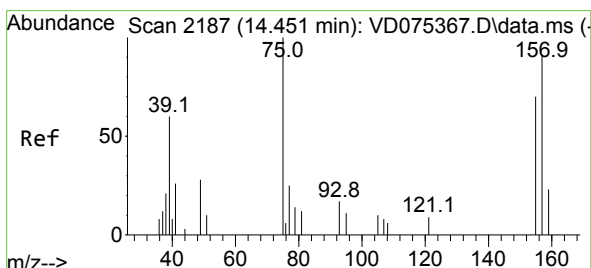
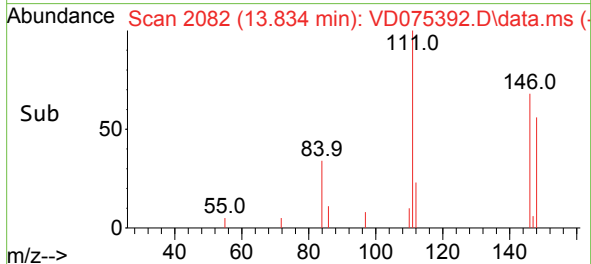
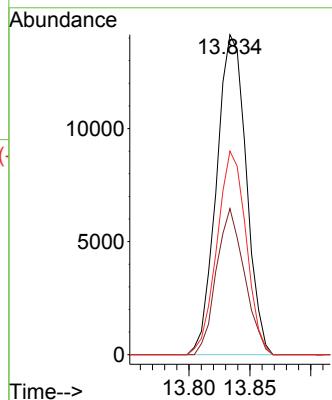
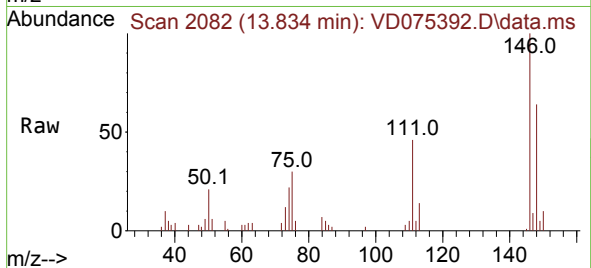
Tgt Ion:146 Resp: 24054

Ion Ratio Lower Upper

146 100

111 43.1 20.6 61.8

148 62.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.224 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

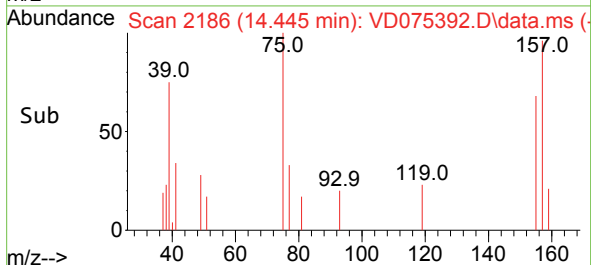
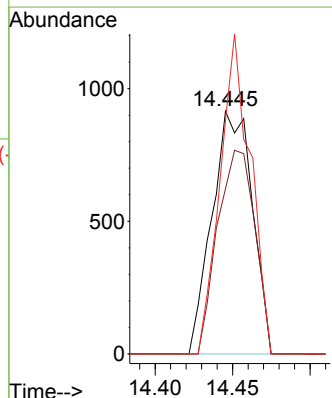
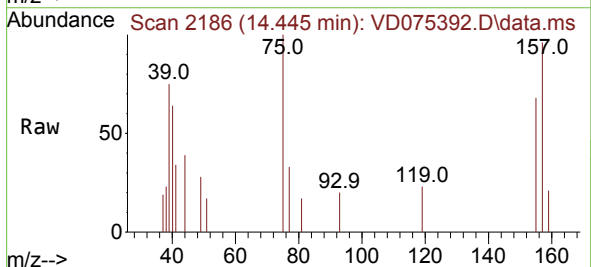
Tgt Ion: 75 Resp: 1651

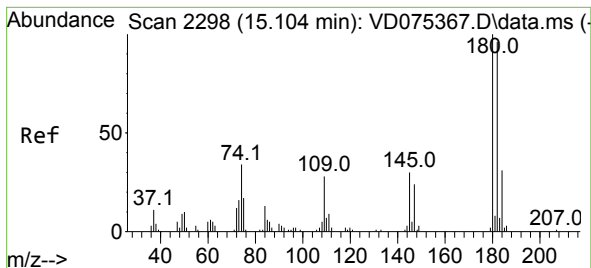
Ion Ratio Lower Upper

75 100

155 77.6 39.5 118.5

157 99.6 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 19.732 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

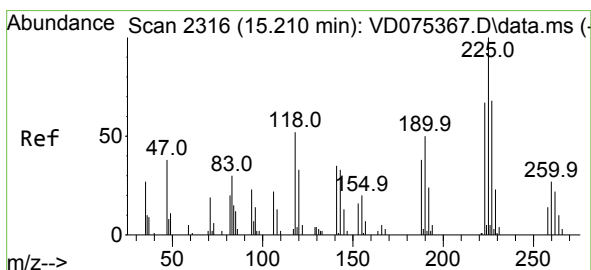
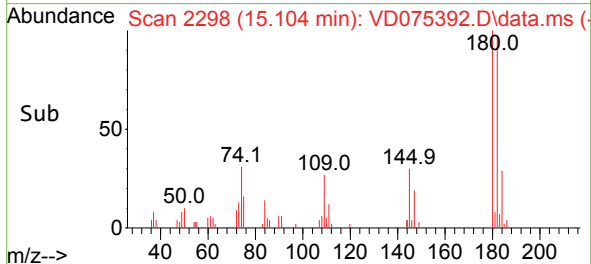
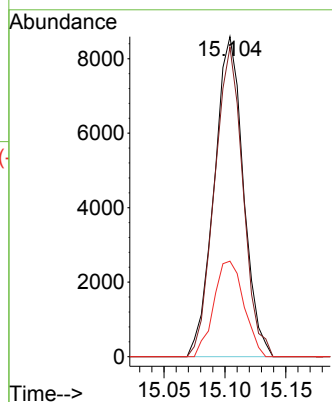
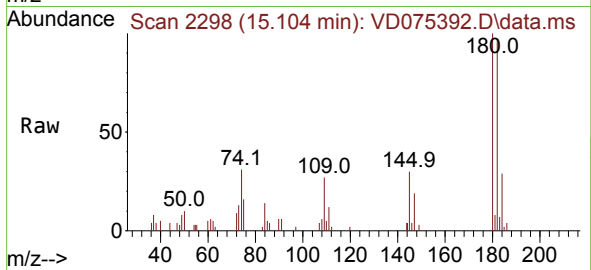
Tgt Ion:180 Resp: 14302

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.7

145 30.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.321 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.006 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

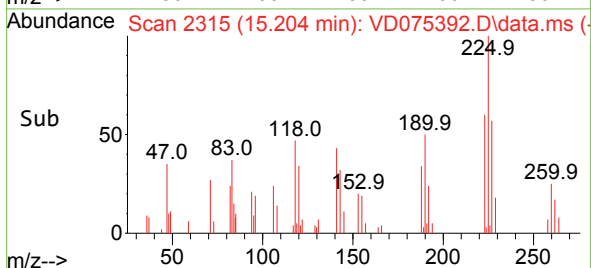
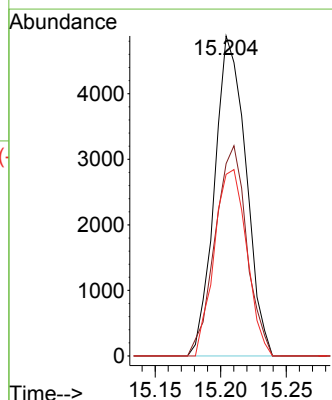
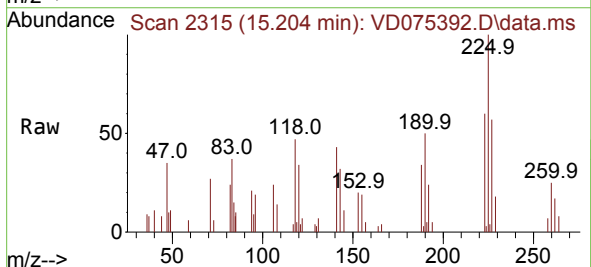
Tgt Ion:225 Resp: 8106

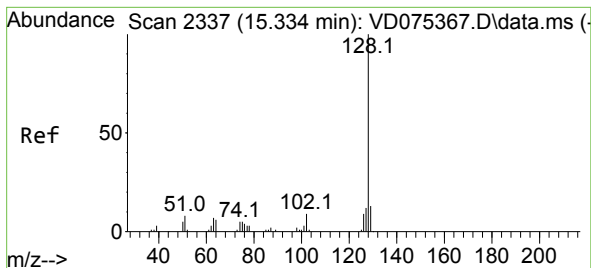
Ion Ratio Lower Upper

225 100

223 66.7 33.1 99.2

227 60.3 31.9 95.9





#95

Naphthalene

Concen: 19.838 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

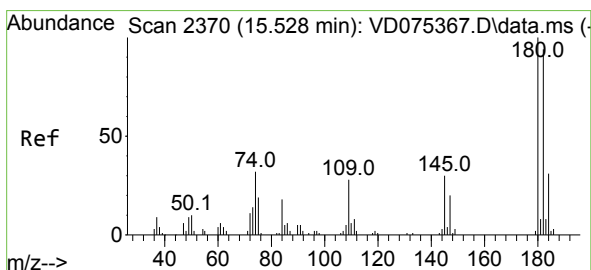
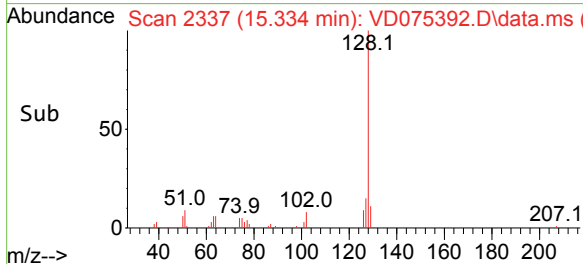
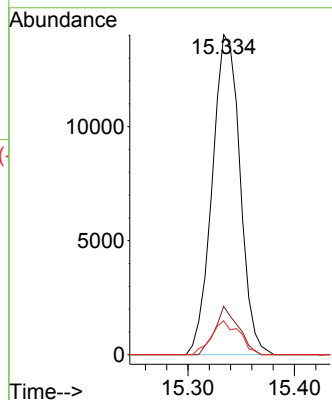
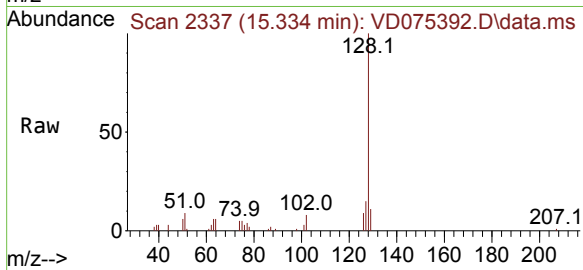
Tgt Ion:128 Resp: 25439

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.817 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. -0.000 min

Lab File: VD075392.D

Acq: 21 Feb 2023 20:28

Tgt Ion:180 Resp: 12145

Ion Ratio Lower Upper

180 100

182 96.1 47.7 143.1

145 32.0 16.4 49.4

