

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075391.D
 Acq On : 21 Feb 2023 20:01
 Operator : KP/SY
 Sample : VD0221SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

Quant Time: Feb 22 00:55:00 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	55122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	90238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	80825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	39586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	24255	51.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.360%	
35) Dibromofluoromethane	7.804	113	25889	48.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.660%	
50) Toluene-d8	10.269	98	88753	45.908	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.820%	
62) 4-Bromofluorobenzene	12.575	95	31144	47.975	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	13767	22.341	ug/l	92
3) Chloromethane	2.146	50	18996	21.068	ug/l	93
4) Vinyl Chloride	2.281	62	19360	20.227	ug/l	97
5) Bromomethane	2.693	94	11165	20.542	ug/l	97
6) Chloroethane	2.834	64	12528	18.941	ug/l	98
7) Trichlorofluoromethane	3.175	101	23140	20.583	ug/l	92
8) Diethyl Ether	3.593	74	5277	20.160	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	13129	20.490	ug/l	98
10) Methyl Iodide	4.163	142	10669	19.148	ug/l	97
11) Tert butyl alcohol	5.034	59	1759	23.874	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	12479	20.890	ug/l	97
13) Acrolein	3.787	56	929	70.406	ug/l #	16
14) Allyl chloride	4.563	41	19503	20.646	ug/l	98
15) Acrylonitrile	5.258	53	12782	101.139	ug/l	99
16) Acetone	4.028	43	12001	84.123	ug/l	93
17) Carbon Disulfide	4.275	76	42354	20.131	ug/l	98
18) Methyl Acetate	4.569	43	8686	19.430	ug/l	96
19) Methyl tert-butyl Ether	5.310	73	24533	20.285	ug/l	99
20) Methylene Chloride	4.810	84	17412	21.898	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	13223	19.803	ug/l	95
22) Diisopropyl ether	6.216	45	37255	20.647	ug/l #	96
23) Vinyl Acetate	6.157	43	64607	123.376	ug/l	96
24) 1,1-Dichloroethane	6.116	63	24490	20.668	ug/l	97
25) 2-Butanone	7.087	43	16128	90.654	ug/l	92
26) 2,2-Dichloropropane	7.075	77	21059	20.435	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	14861	20.922	ug/l	98
28) Bromochloromethane	7.422	49	5626	21.034	ug/l #	93
29) Tetrahydrofuran	7.452	42	9512	94.796	ug/l	95
30) Chloroform	7.599	83	24602	20.676	ug/l	95
31) Cyclohexane	7.887	56	22137	19.787	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	22979	20.979	ug/l	98
36) 1,1-Dichloropropene	8.010	75	19410	20.216	ug/l	97
37) Ethyl Acetate	7.169	43	7218	19.209	ug/l #	94
38) Carbon Tetrachloride	7.993	117	19573	20.346	ug/l	94
39) Methylcyclohexane	9.275	83	21714	19.187	ug/l	88
40) Benzene	8.257	78	52975	20.155	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	4040	18.747	ug/l	92
42) 1,2-Dichloroethane	8.322	62	15133	20.620	ug/l	97
43) Isopropyl Acetate	8.363	43	13671	19.363	ug/l #	82
44) Trichloroethene	9.034	130	14315	20.330	ug/l	95
45) 1,2-Dichloropropane	9.310	63	13652	21.299	ug/l	96
46) Dibromomethane	9.398	93	7072	20.263	ug/l	95
47) Bromodichloromethane	9.587	83	18142	20.427	ug/l	93
48) Methyl methacrylate	9.381	41	6962	19.616	ug/l	95
49) 1,4-Dioxane	9.398	88	1121	374.518	ug/l #	21
51) 4-Methyl-2-Pentanone	10.163	43	33889	94.777	ug/l	100
52) Toluene	10.334	92	33848	20.916	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	15518	21.342	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	17995	20.414	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	9124	20.179	ug/l	94
56) Ethyl methacrylate	10.598	69	9580	19.040	ug/l	98
57) 1,3-Dichloropropane	10.881	76	15895	20.410	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	13203	121.495	ug/l	98
59) 2-Hexanone	10.928	43	23331	92.467	ug/l	99
60) Dibromochloromethane	11.075	129	11929	20.635	ug/l	96
61) 1,2-Dibromoethane	11.181	107	8859	20.663	ug/l	100
64) Tetrachloroethene	10.810	164	12093	20.903	ug/l	96
65) Chlorobenzene	11.610	112	34914	20.653	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.687	131	12635	20.582	ug/l	98
67) Ethyl Benzene	11.687	91	63807	20.812	ug/l	100
68) m/p-Xylenes	11.798	106	49176	40.921	ug/l	98
69) o-Xylene	12.122	106	21859	19.861	ug/l	100
70) Styrene	12.139	104	37592	20.465	ug/l	98
71) Bromoform	12.298	173	6390	20.311	ug/l #	99
73) Isopropylbenzene	12.422	105	60305	20.204	ug/l	98
74) N-amyl acetate	12.239	43	12683	19.848	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	10126	20.244	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	12697	44.312	ug/l #	100
77) Bromobenzene	12.704	156	13372	19.821	ug/l	98
78) n-propylbenzene	12.769	91	76085	20.372	ug/l	100
79) 2-Chlorotoluene	12.851	91	40791	20.226	ug/l	97
80) 1,3,5-Trimethylbenzene	12.910	105	50797	20.564	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	2309	22.485	ug/l	89
82) 4-Chlorotoluene	12.951	91	42901	20.163	ug/l	95
83) tert-Butylbenzene	13.169	119	44554	20.806	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	50156	20.557	ug/l	100
85) sec-Butylbenzene	13.351	105	65347	19.809	ug/l	99
86) p-Isopropyltoluene	13.463	119	54955	20.505	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	28307	20.372	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	28474	20.887	ug/l	98
89) n-Butylbenzene	13.792	91	51617	19.578	ug/l	98
90) Hexachloroethane	14.057	117	10690	19.884	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	23920	20.531	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1450	20.088	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	14436	20.378	ug/l	94
94) Hexachlorobutadiene	15.210	225	8129	19.824	ug/l	96
95) Naphthalene	15.339	128	23374	18.650	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	11352	18.951	ug/l	97

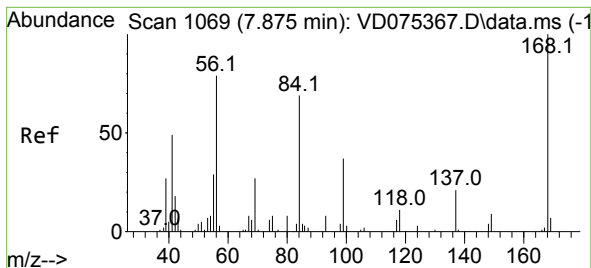
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Quant Title : SW846 8260
QLast Update : Tue Feb 21 16:26:04 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Instrument :

MSVOA_D

ClientSampleId :

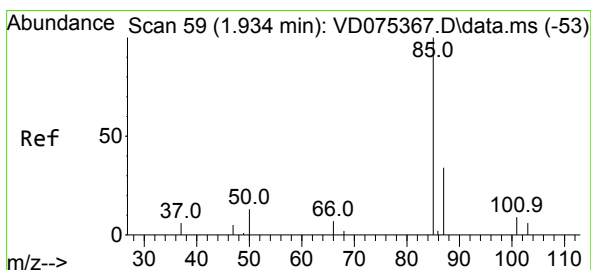
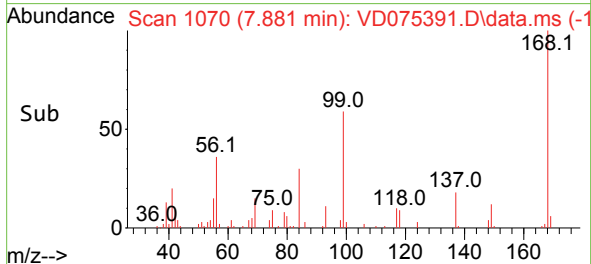
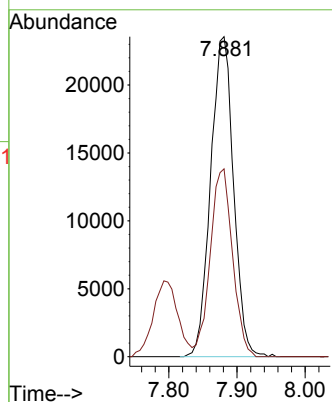
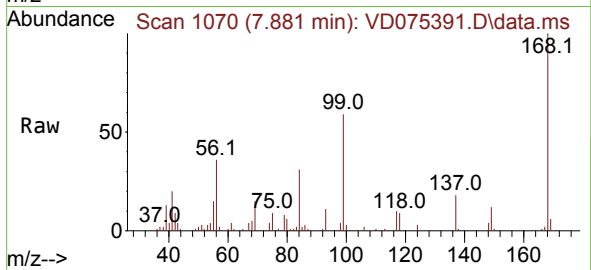
VD0221SBS01

Tgt Ion:168 Resp: 55122

Ion Ratio Lower Upper

168 100

99 58.7 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 22.341 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD075391.D

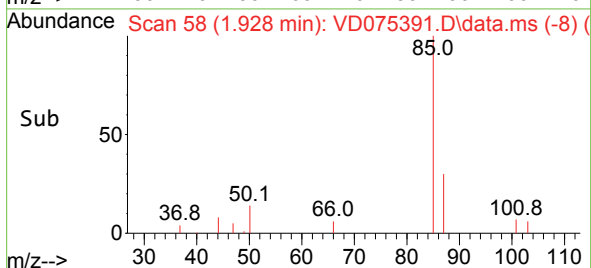
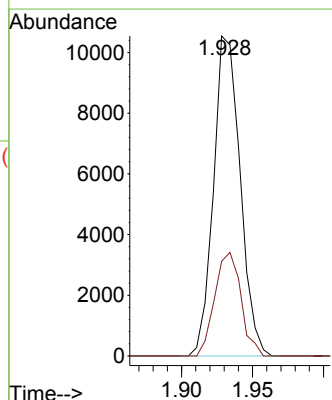
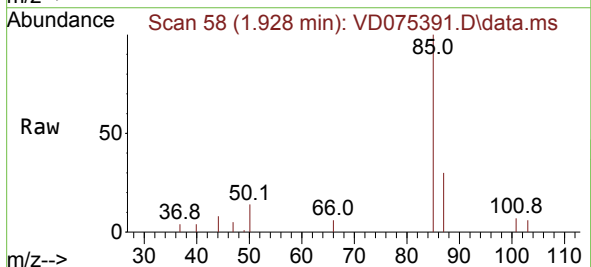
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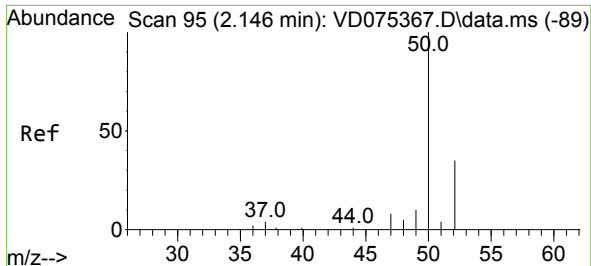
Tgt Ion: 85 Resp: 13767

Ion Ratio Lower Upper

85 100

87 29.6 17.3 51.7

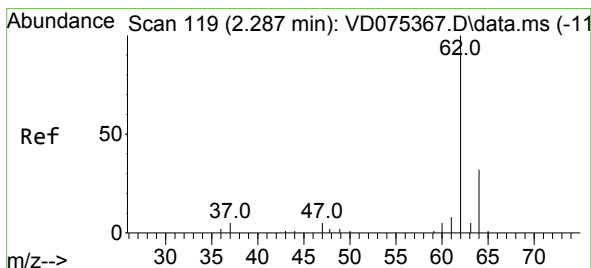
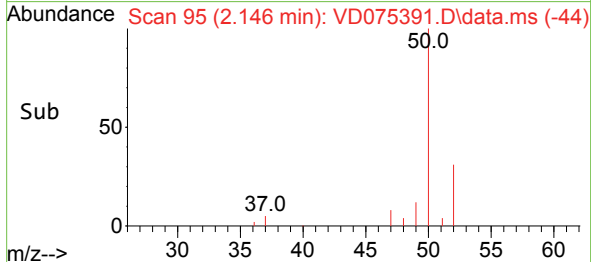
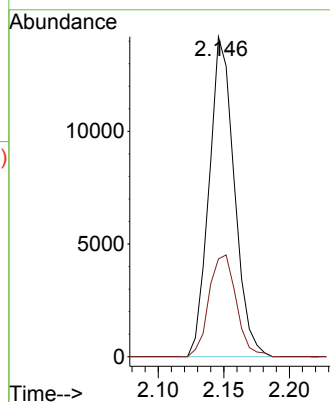
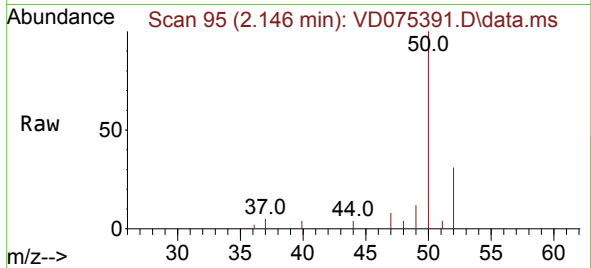




#3
Chloromethane
Concen: 21.068 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

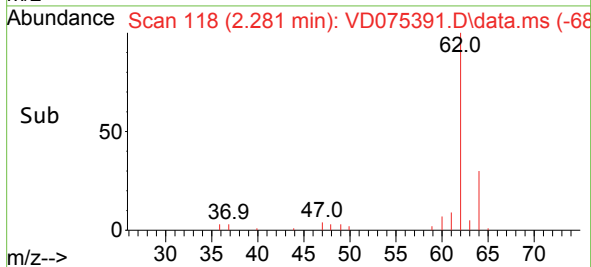
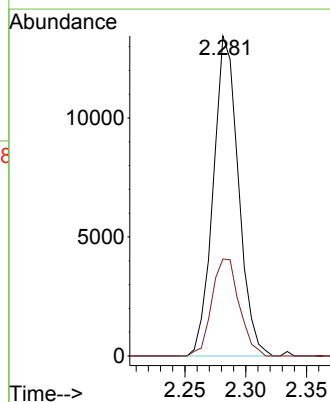
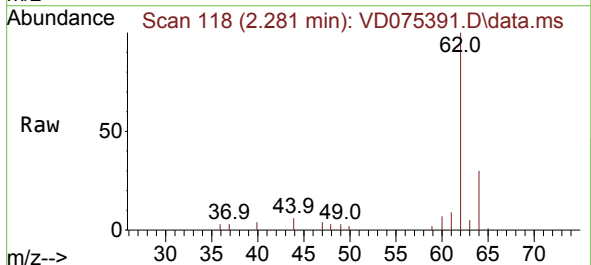
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

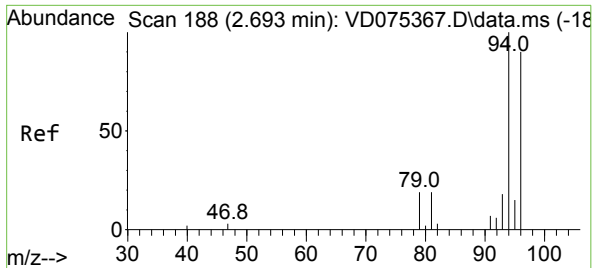
Tgt Ion: 50 Resp: 18996
Ion Ratio Lower Upper
50 100
52 30.5 27.8 41.8



#4
Vinyl Chloride
Concen: 20.227 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 62 Resp: 19360
Ion Ratio Lower Upper
62 100
64 30.3 25.4 38.0

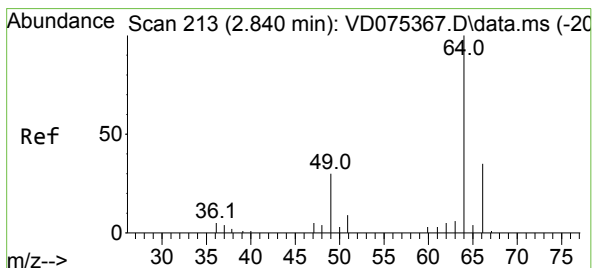
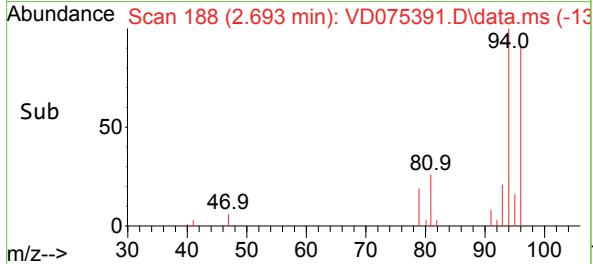
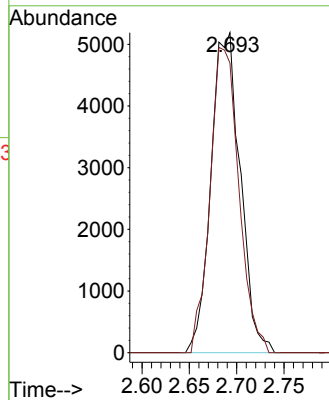
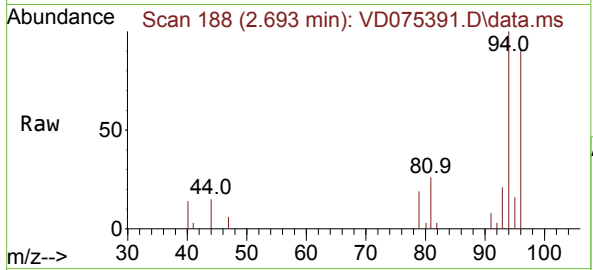




#5
Bromomethane
Concen: 20.542 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

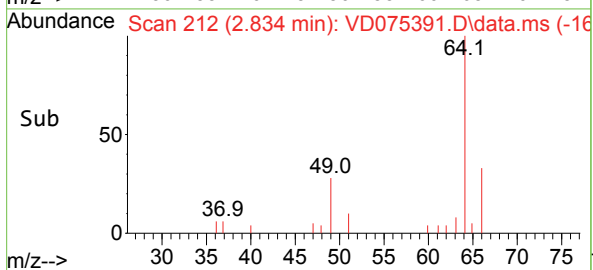
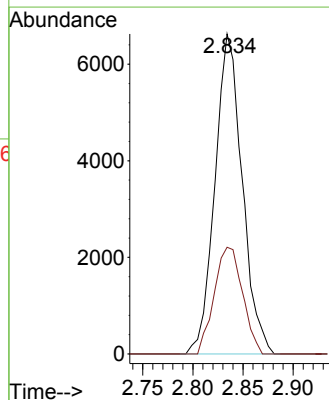
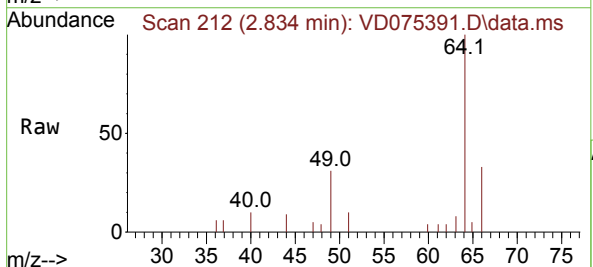
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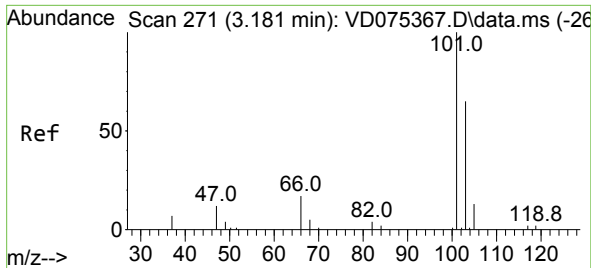
Tgt Ion: 94 Resp: 11165
Ion Ratio Lower Upper
94 100
96 93.8 77.5 116.3



#6
Chloroethane
Concen: 18.941 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 64 Resp: 12528
Ion Ratio Lower Upper
64 100
66 33.4 27.7 41.5

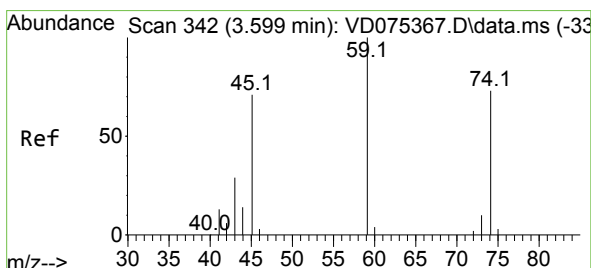
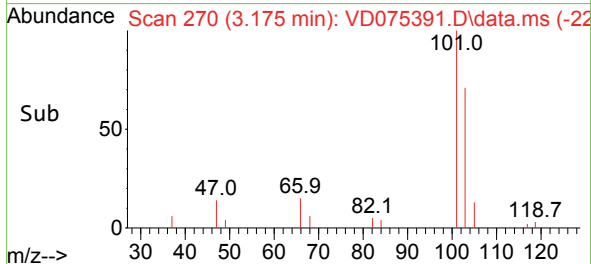
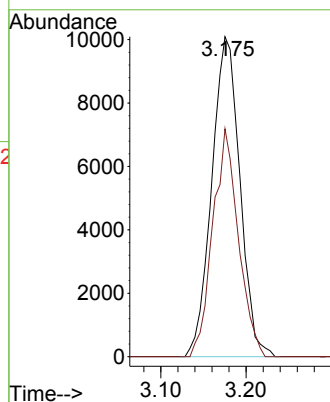
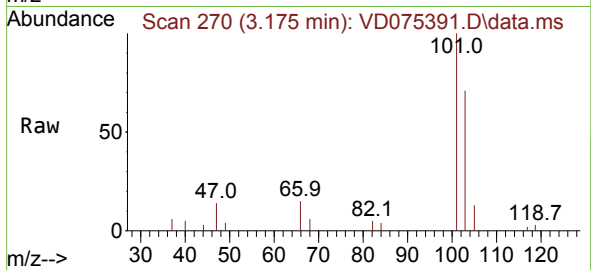




#7
 Trichlorofluoromethane
 Concen: 20.583 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD075391.D
 Acq: 21 Feb 2023 20:01

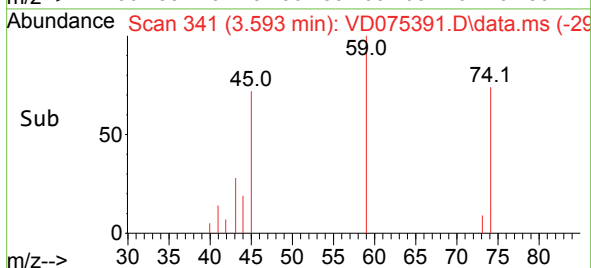
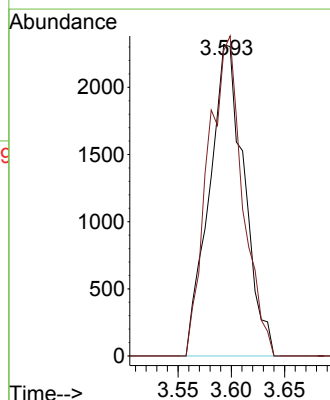
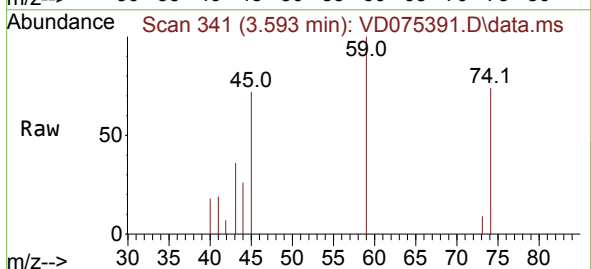
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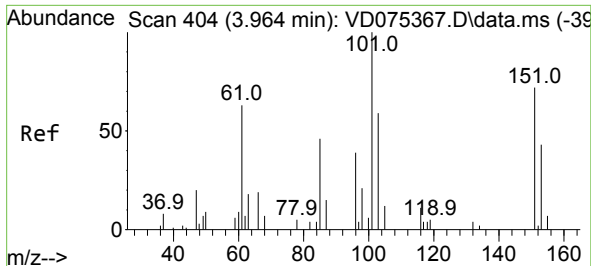
Tgt Ion:101 Resp: 23140
 Ion Ratio Lower Upper
 101 100
 103 71.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.160 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD075391.D
 Acq: 21 Feb 2023 20:01

Tgt Ion: 74 Resp: 5277
 Ion Ratio Lower Upper
 74 100
 45 102.3 50.9 152.7

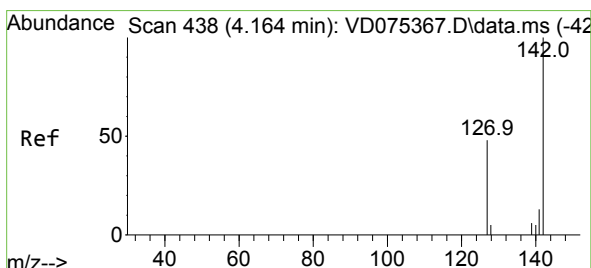
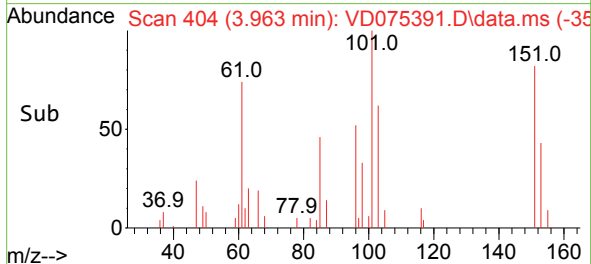
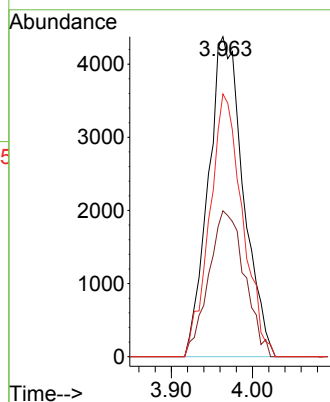
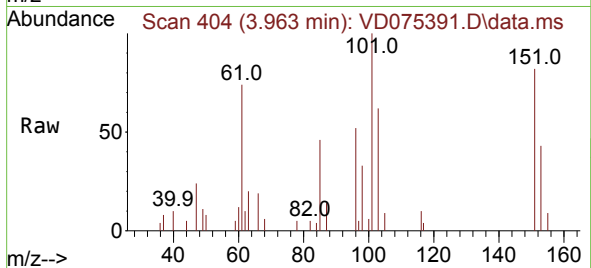




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.490 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

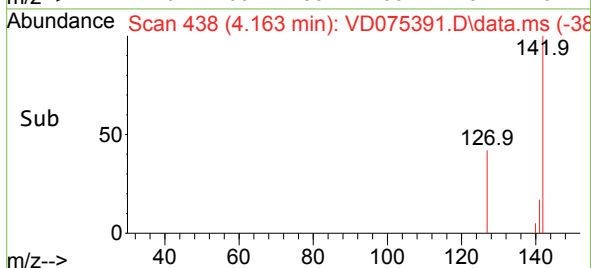
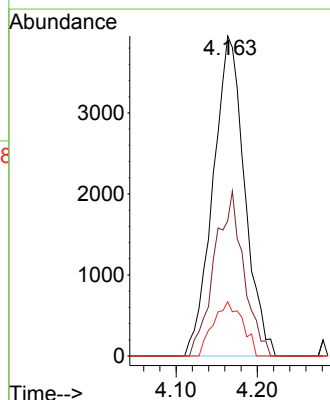
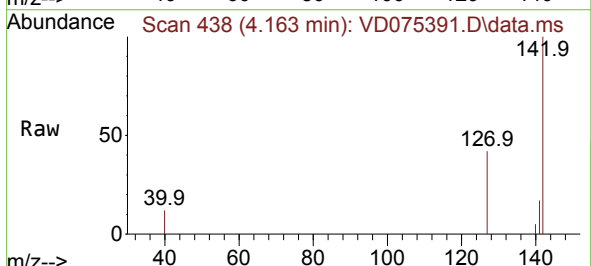
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

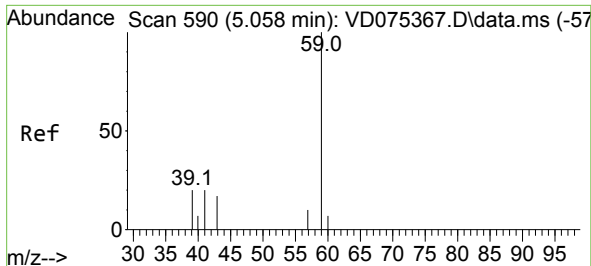
Tgt Ion:101 Resp: 13129
Ion Ratio Lower Upper
101 100
85 46.7 38.3 57.5
151 77.1 60.4 90.6



#10
Methyl Iodide
Concen: 19.148 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion:142 Resp: 10669
Ion Ratio Lower Upper
142 100
127 47.8 37.1 55.7
141 15.7 11.3 16.9

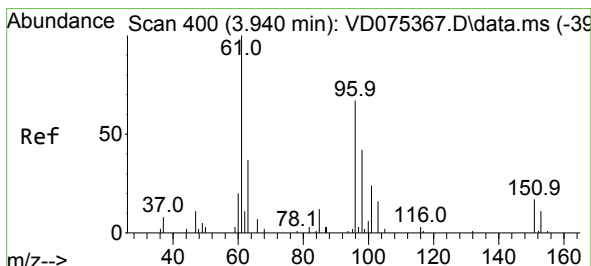
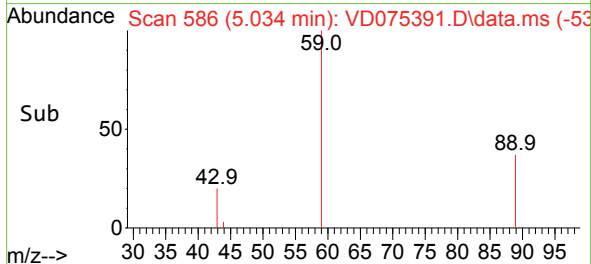
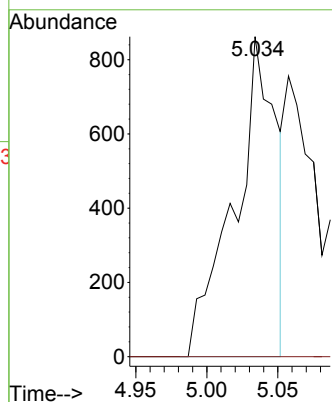
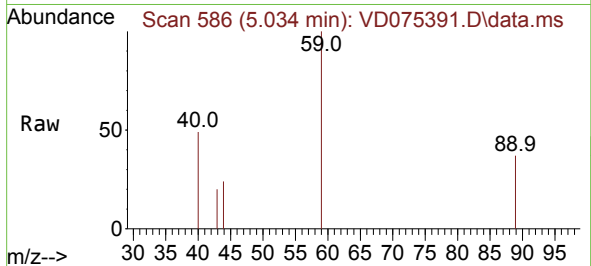




#11
Tert butyl alcohol
Concen: 23.874 ug/l
RT: 5.034 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

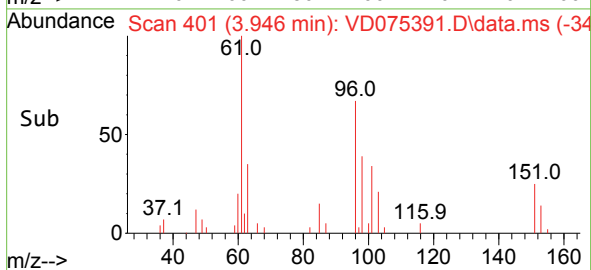
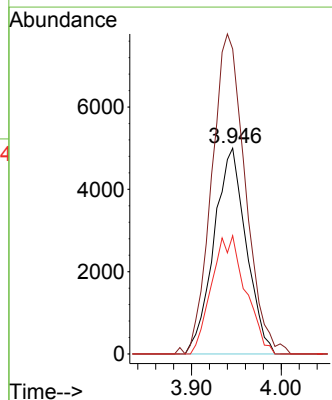
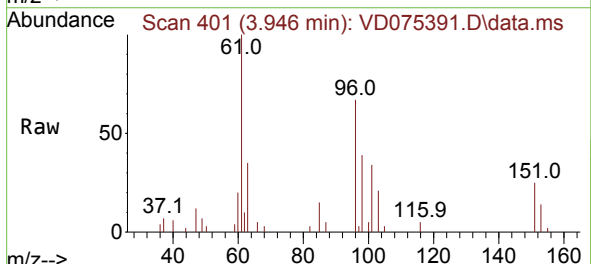
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

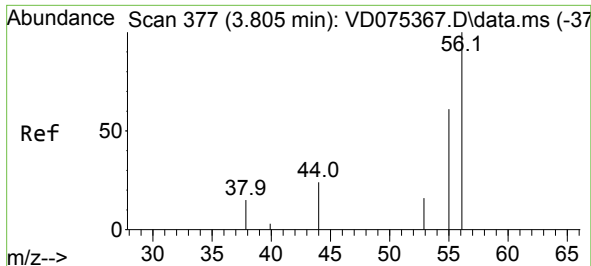
Tgt Ion: 59 Resp: 1759
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#12
1,1-Dichloroethene
Concen: 20.890 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 96 Resp: 12479
Ion Ratio Lower Upper
96 100
61 145.2 118.6 177.8
98 57.5 49.7 74.5

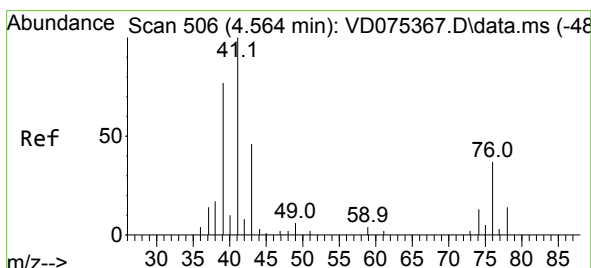
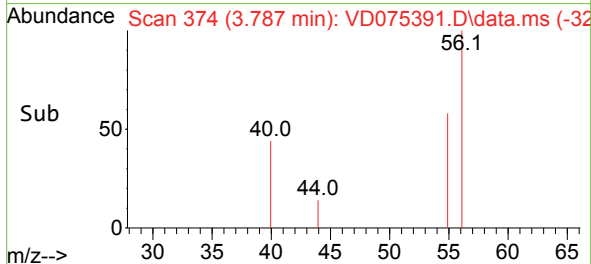
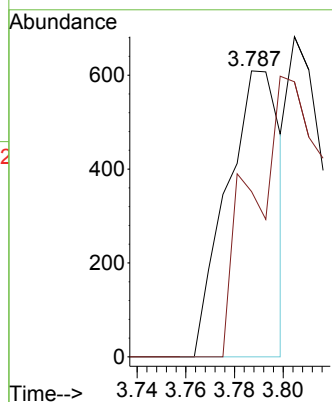
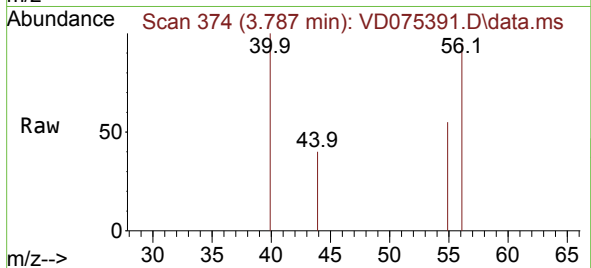




#13
Acrolein
Concen: 70.406 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.018 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

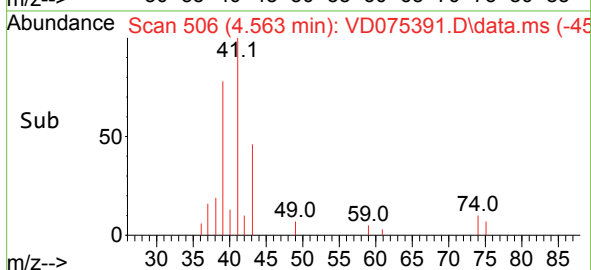
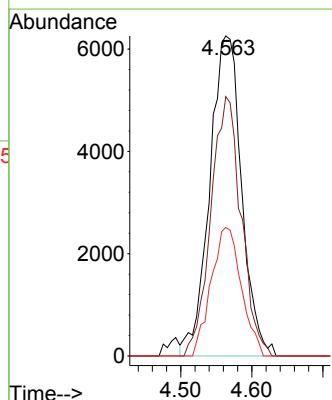
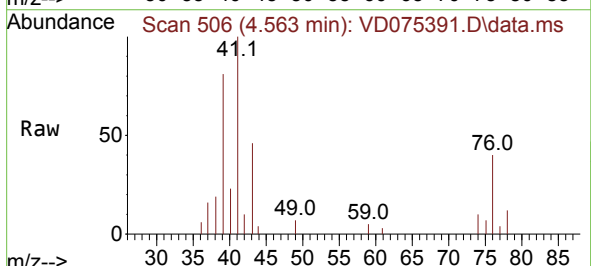
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

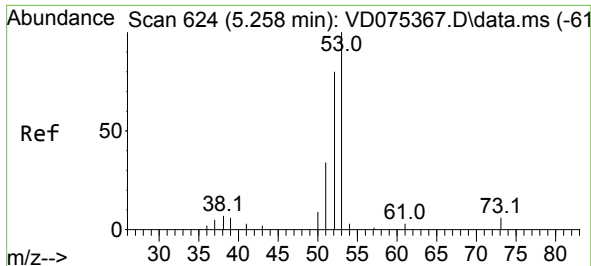
Tgt Ion: 56 Resp: 929
Ion Ratio Lower Upper
56 100
55 135.0 53.9 80.9#



#14
Allyl chloride
Concen: 20.646 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 41 Resp: 19503
Ion Ratio Lower Upper
41 100
39 77.0 60.6 90.8
76 38.0 28.6 43.0

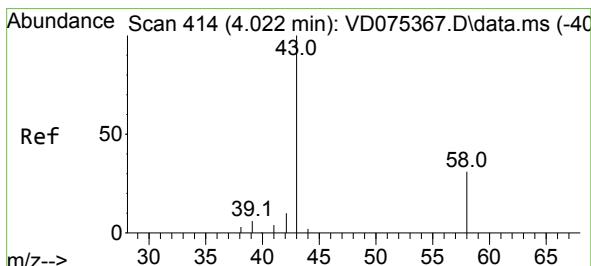
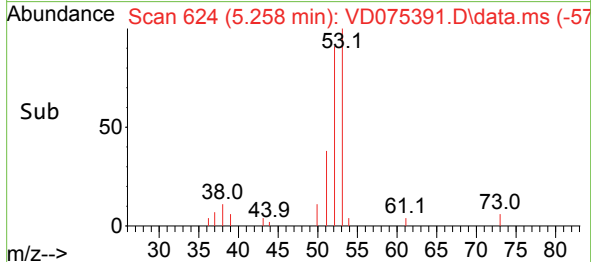
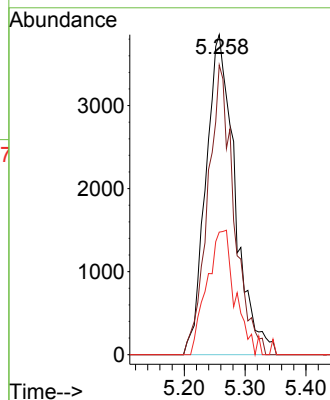
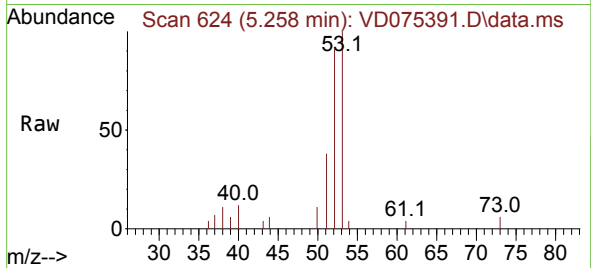




#15
Acrylonitrile
Concen: 101.139 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

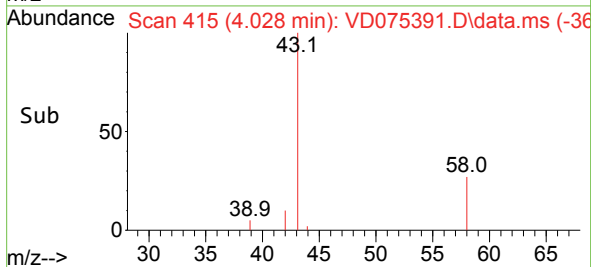
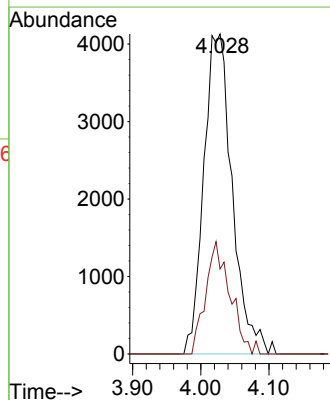
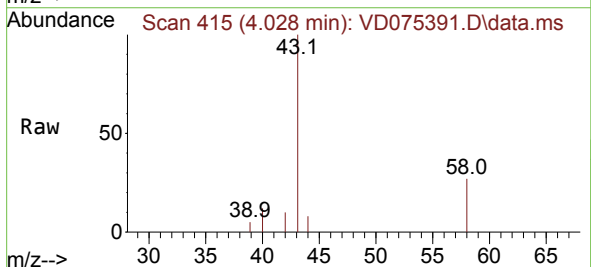
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

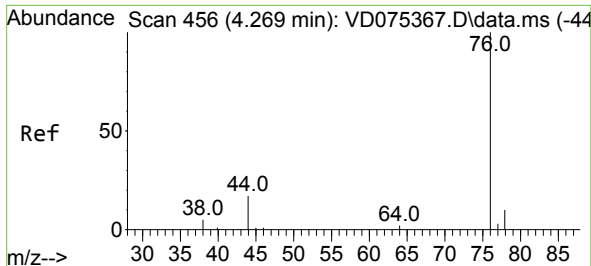
Tgt Ion:	53	Resp:	12782
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.2	99.4
51	37.9	30.7	46.1



#16
Acetone
Concen: 84.123 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion:	43	Resp:	12001
Ion	Ratio	Lower	Upper
43	100		
58	26.5	24.4	36.6

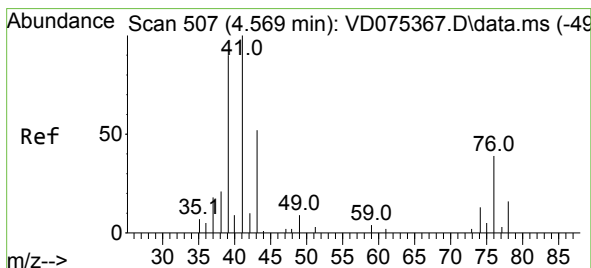
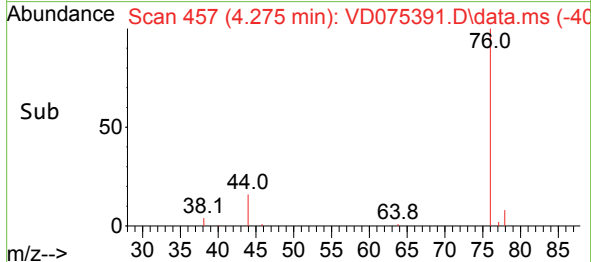
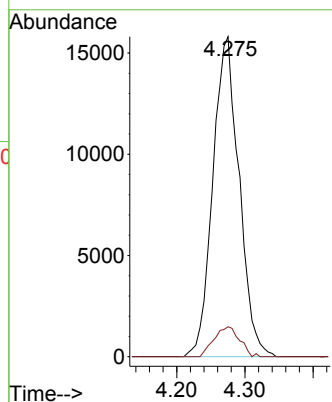
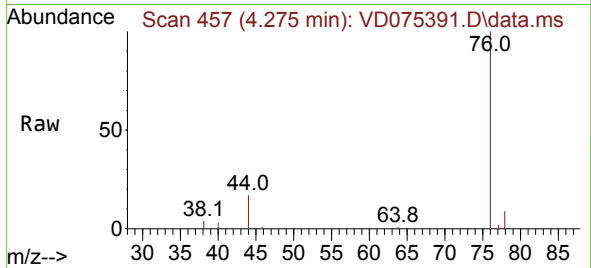




#17
Carbon Disulfide
Concen: 20.131 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

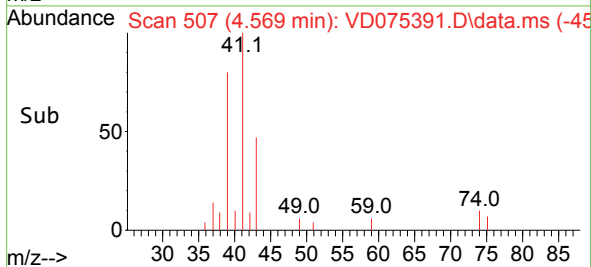
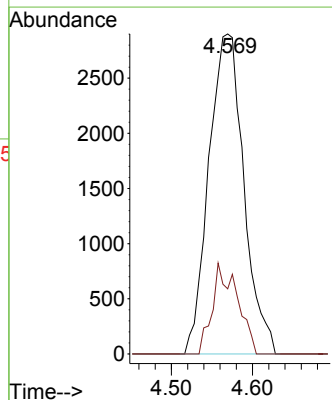
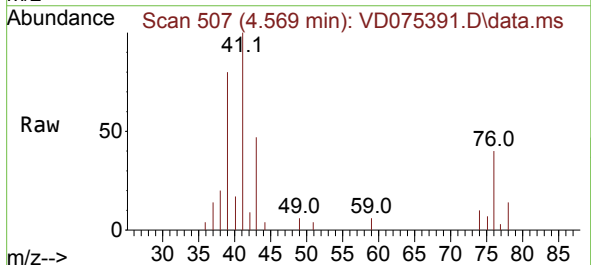
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

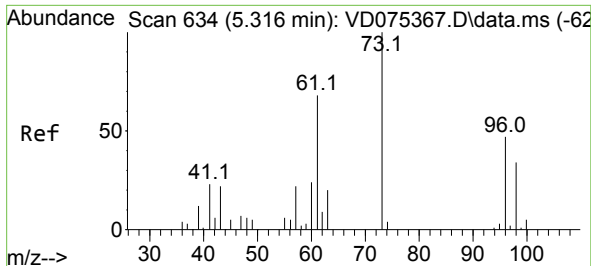
Tgt Ion: 76 Resp: 42354
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0



#18
Methyl Acetate
Concen: 19.430 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 43 Resp: 8686
Ion Ratio Lower Upper
43 100
74 20.4 17.8 26.6

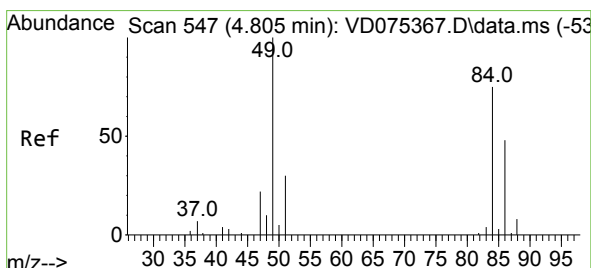
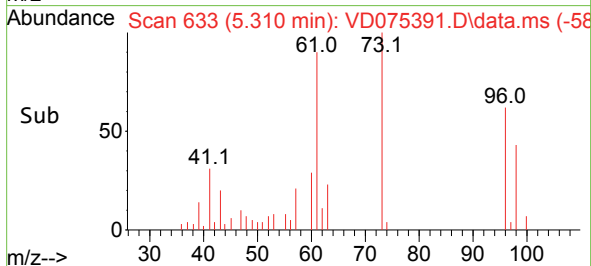
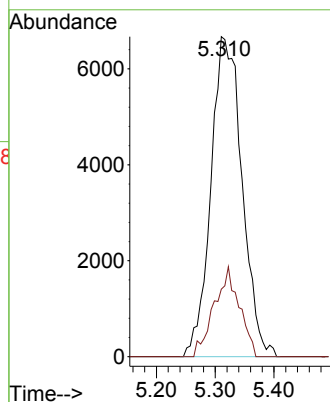
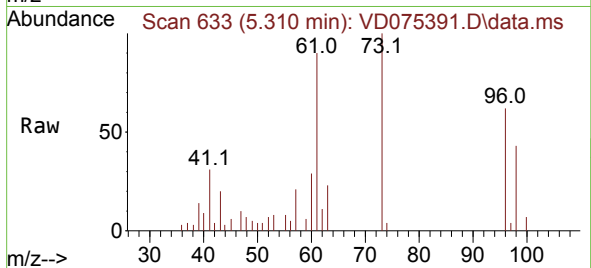




#19
Methyl tert-butyl Ether
Concen: 20.285 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

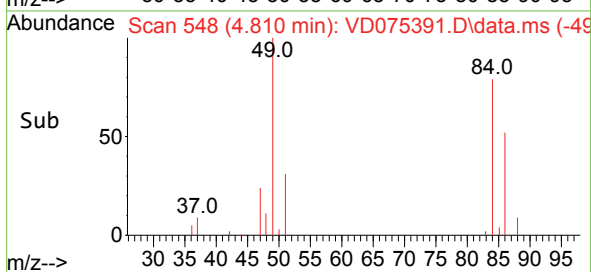
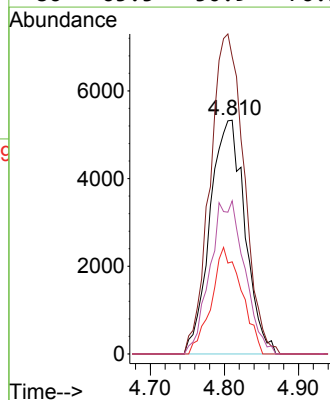
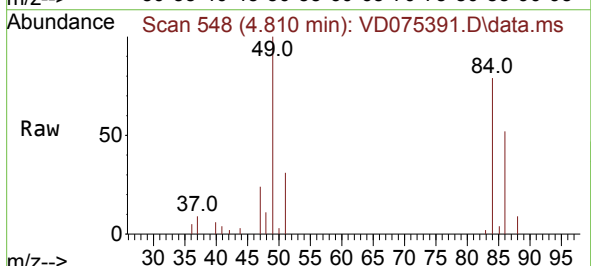
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

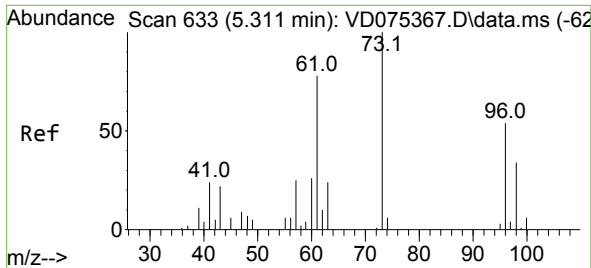
Tgt Ion: 73 Resp: 24533
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8



#20
Methylene Chloride
Concen: 21.898 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 84 Resp: 17412
Ion Ratio Lower Upper
84 100
49 127.2 106.4 159.6
51 39.5 32.4 48.6
86 65.5 50.9 76.3

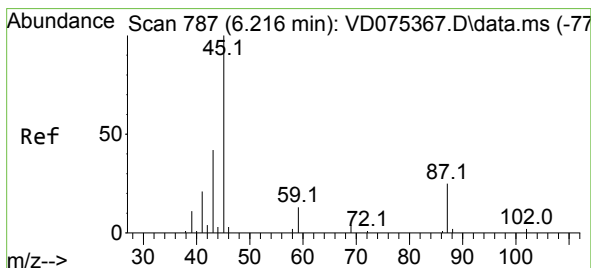
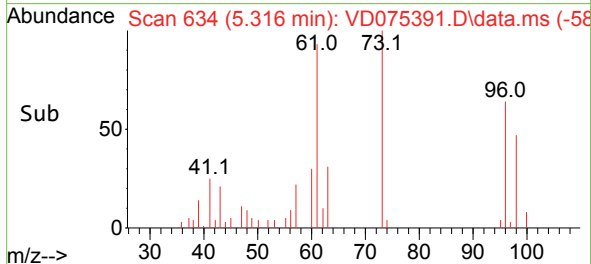
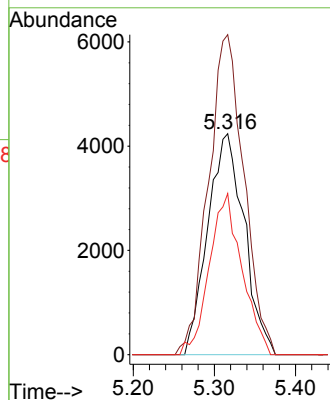
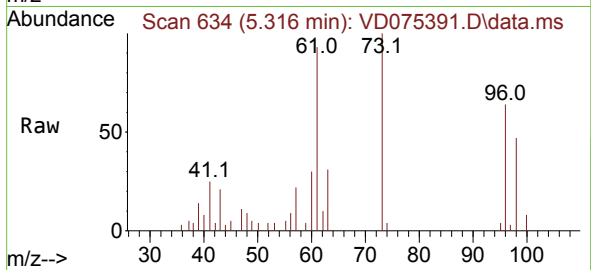




#21
trans-1,2-Dichloroethene
Concen: 19.803 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.005 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

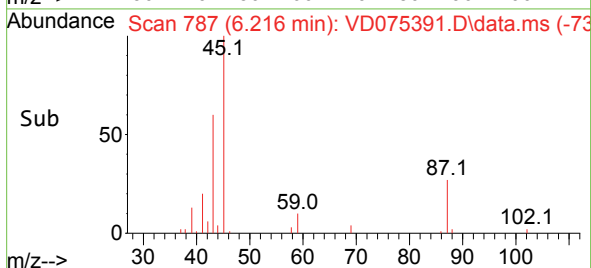
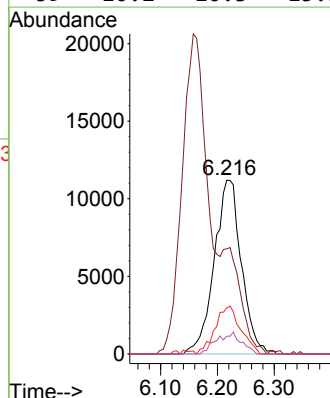
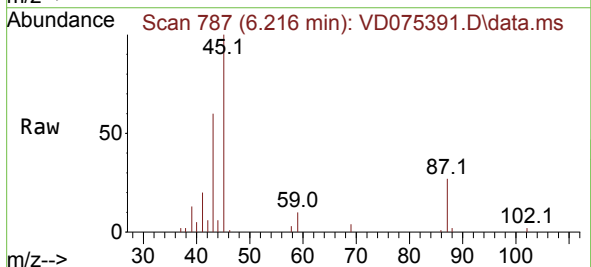
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

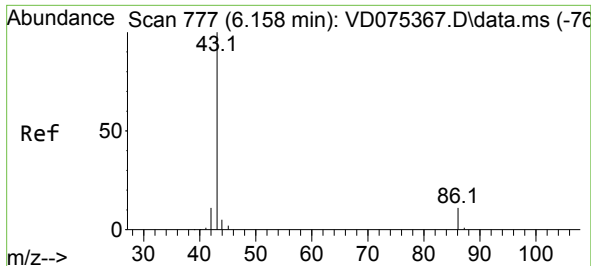
Tgt Ion: 96 Resp: 13223
Ion Ratio Lower Upper
96 100
61 144.9 117.2 175.8
98 72.9 50.6 76.0



#22
Diisopropyl ether
Concen: 20.647 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 45 Resp: 37255
Ion Ratio Lower Upper
45 100
43 58.6 44.4 66.6
87 26.6 20.9 31.3
59 10.2 10.3 15.5#

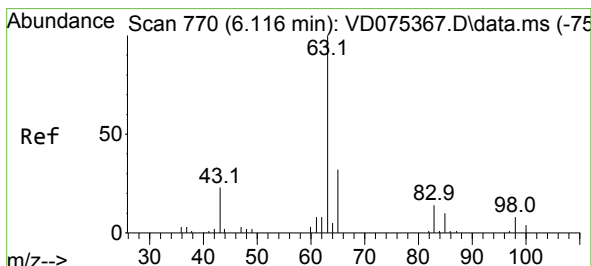
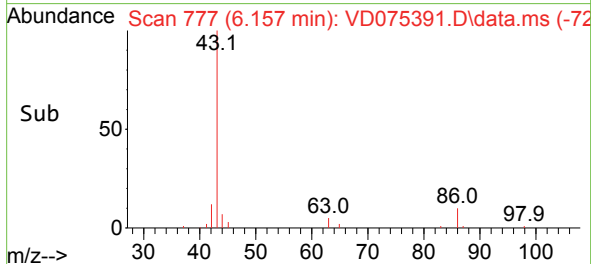
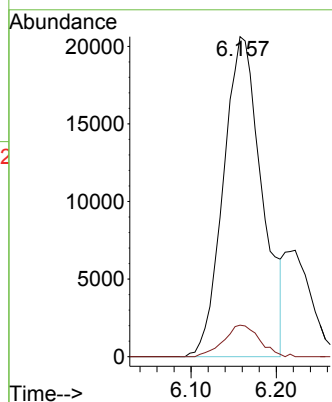
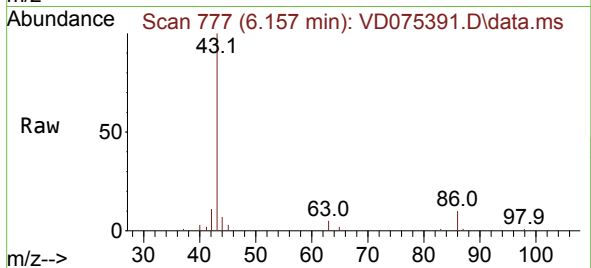




#23
 Vinyl Acetate
 Concen: 123.376 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: VD075391.D
 Acq: 21 Feb 2023 20:01

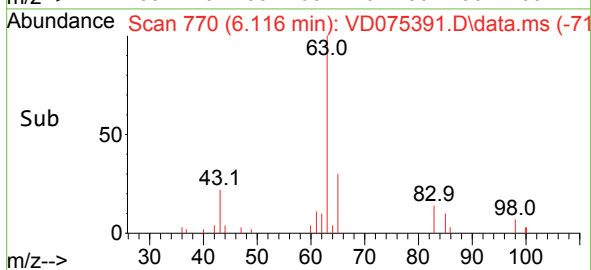
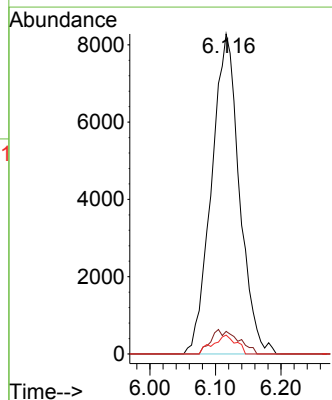
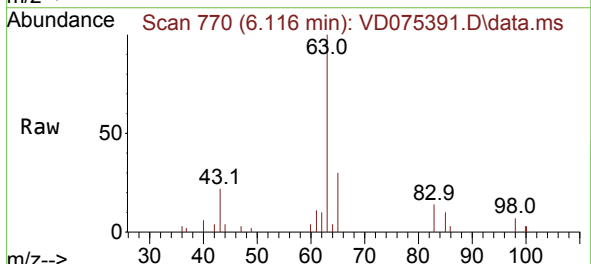
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

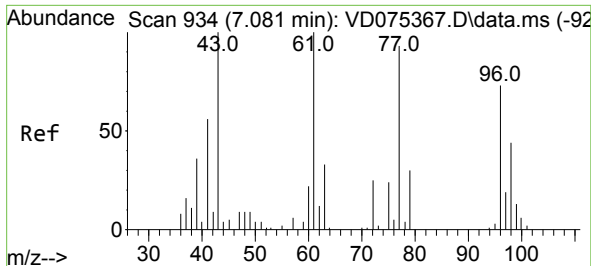
Tgt Ion: 43 Resp: 64607
 Ion Ratio Lower Upper
 43 100
 86 9.8 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 20.668 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075391.D
 Acq: 21 Feb 2023 20:01

Tgt Ion: 63 Resp: 24490
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 5.9 2.0 6.0





#25

2-Butanone

Concen: 90.654 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Instrument :

MSVOA_D

ClientSampleId :

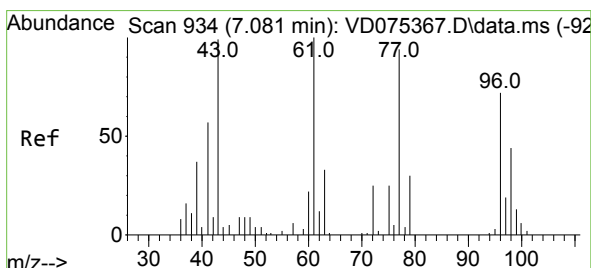
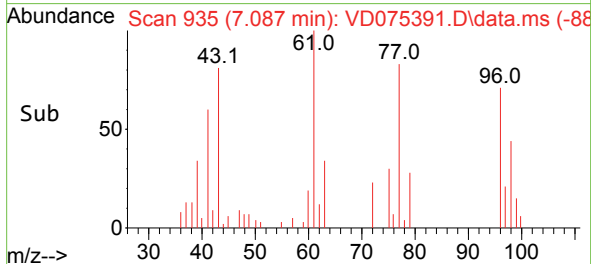
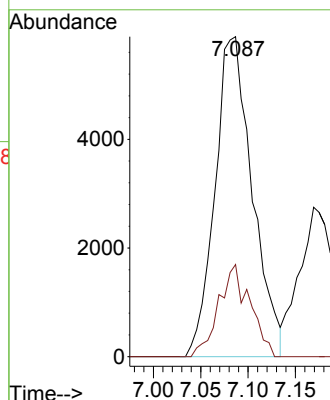
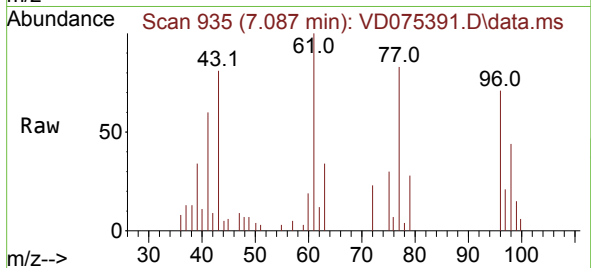
VD0221SBS01

Tgt Ion: 43 Resp: 16128

Ion Ratio Lower Upper

43 100

72 28.8 19.8 29.8



#26

2,2-Dichloropropane

Concen: 20.435 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD075391.D

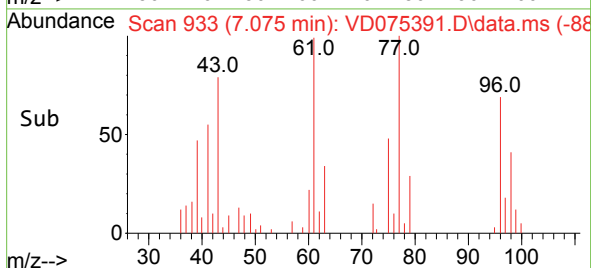
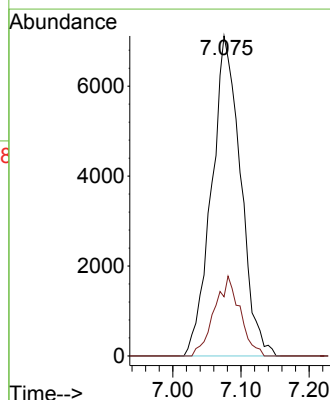
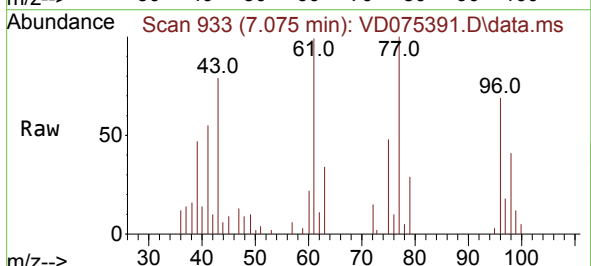
Acq: 21 Feb 2023 20:01

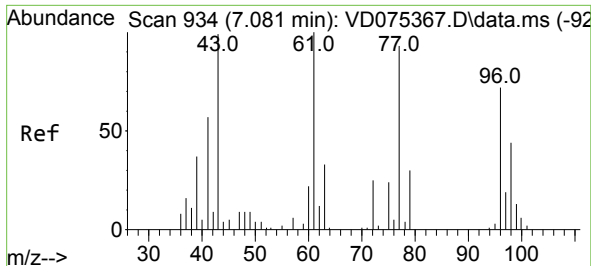
Tgt Ion: 77 Resp: 21059

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.922 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

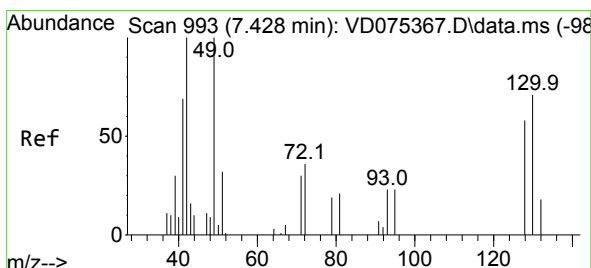
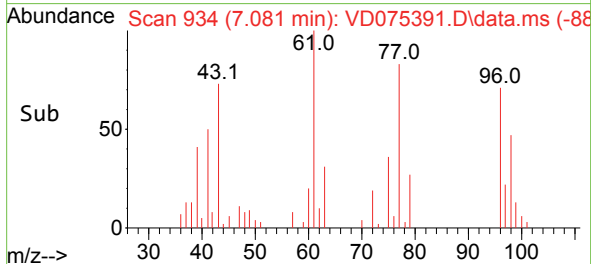
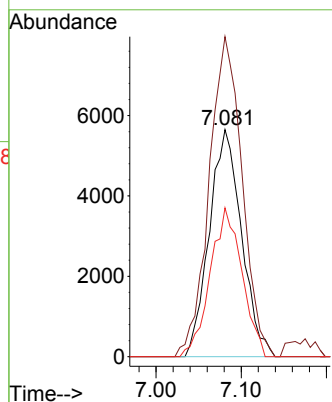
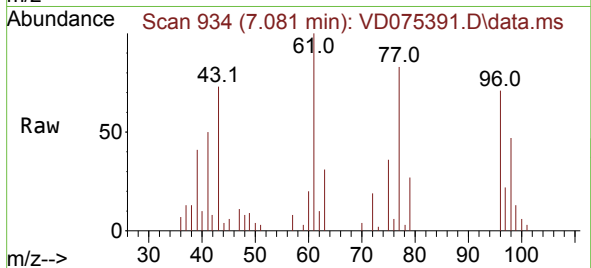
Tgt Ion: 96 Resp: 14861

Ion Ratio Lower Upper

96 100

61 144.0 0.0 295.2

98 64.5 0.0 129.2



#28

Bromochloromethane

Concen: 21.034 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

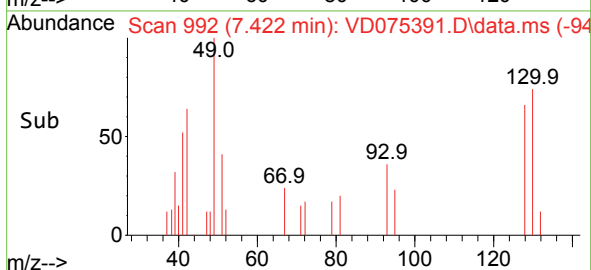
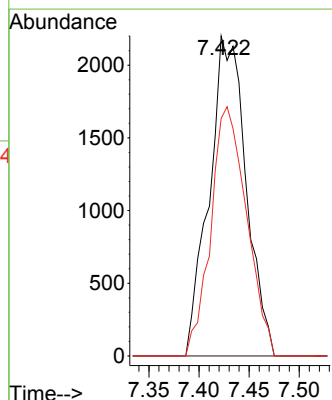
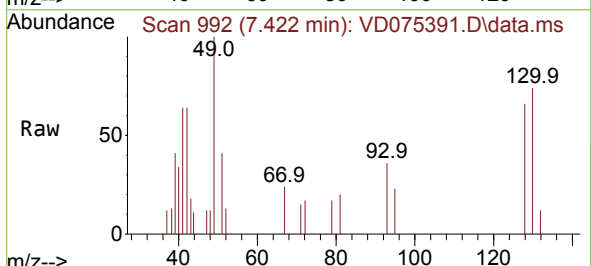
Tgt Ion: 49 Resp: 5626

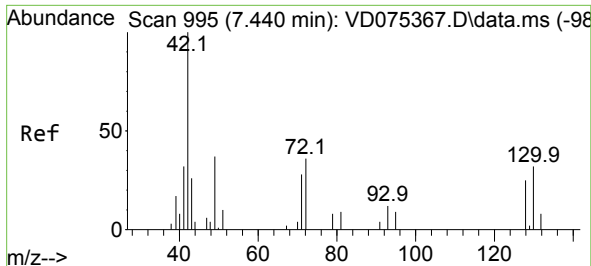
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

130 75.5 56.0 84.0

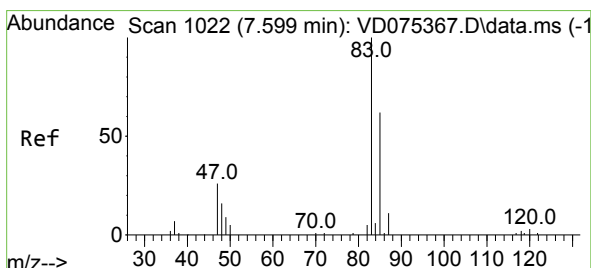
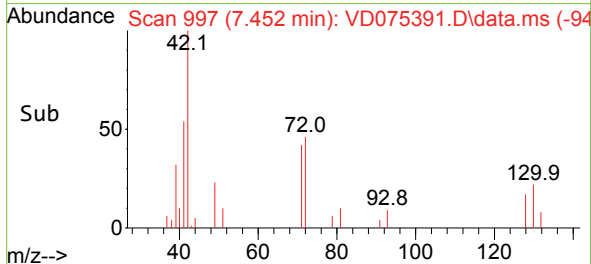
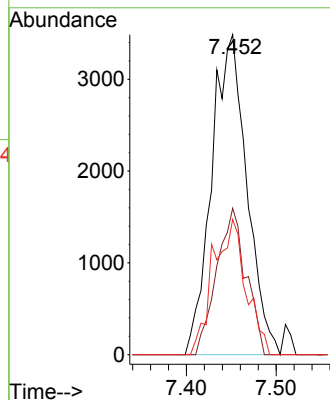
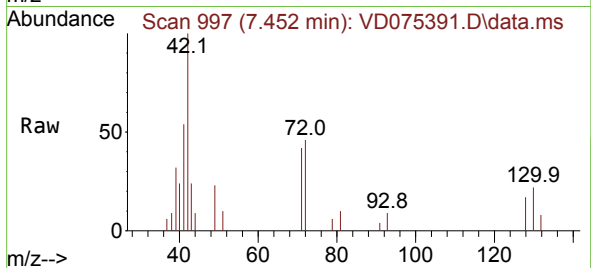




#29
Tetrahydrofuran
Concen: 94.796 ug/l
RT: 7.452 min Scan# 995
Delta R.T. 0.011 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

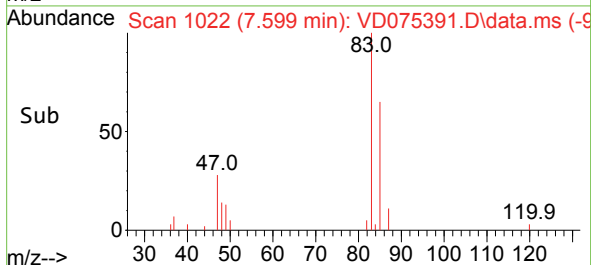
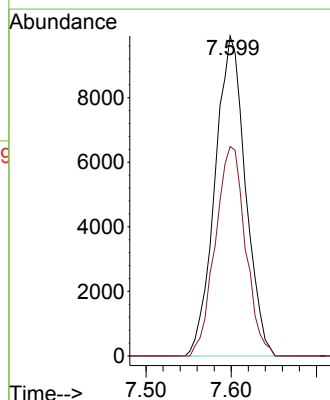
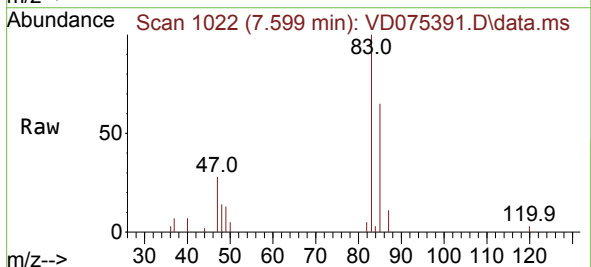
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

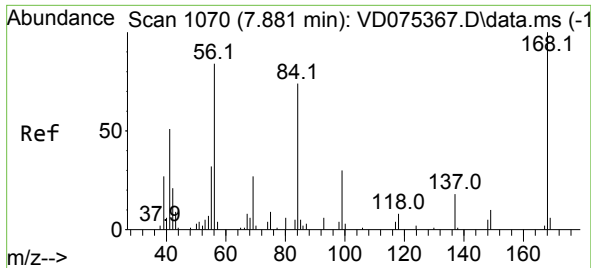
Tgt Ion:	42	Resp:	9512
Ion	Ratio	Lower	Upper
42	100		
72	38.1	31.8	47.6
71	39.1	27.6	41.4



#30
Chloroform
Concen: 20.676 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion:	83	Resp:	24602
Ion	Ratio	Lower	Upper
83	100		
85	65.5	49.4	74.2

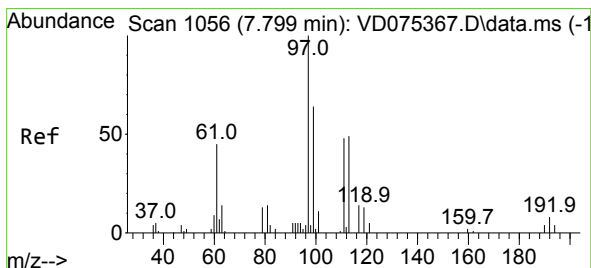
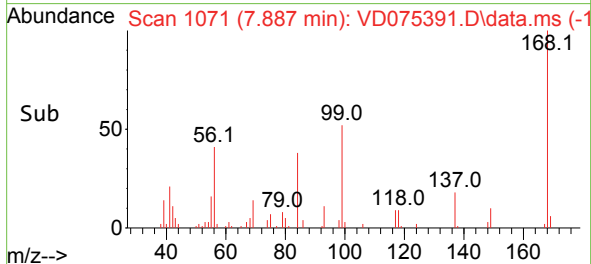
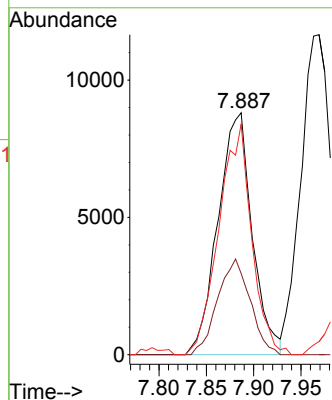
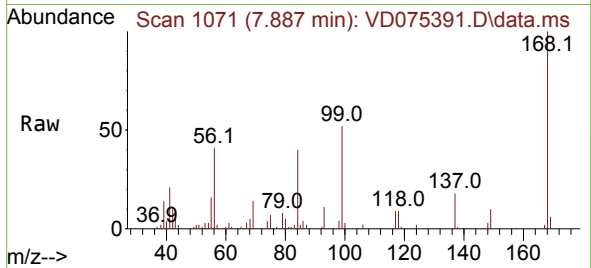




#31
Cyclohexane
Concen: 19.787 ug/l
RT: 7.887 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

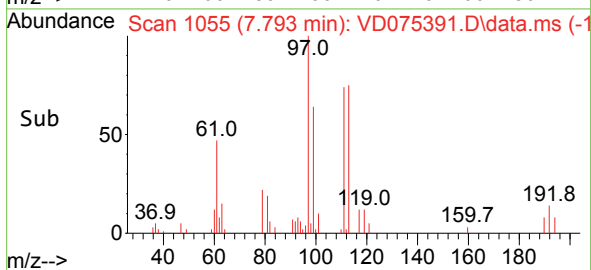
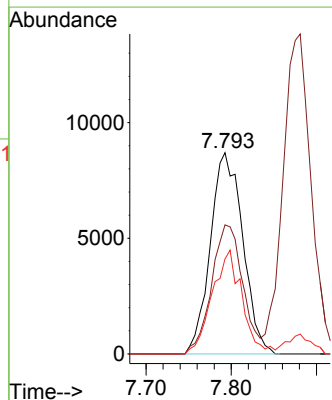
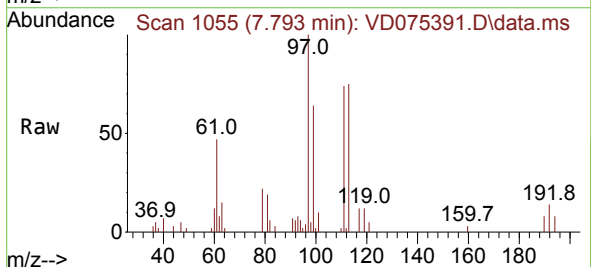
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

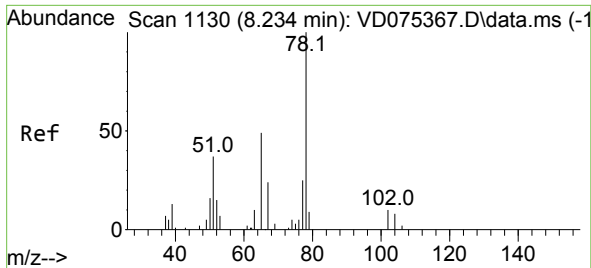
Tgt Ion: 56 Resp: 22137
Ion Ratio Lower Upper
56 100
69 33.5 25.5 38.3
84 95.4 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 20.979 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 97 Resp: 22979
Ion Ratio Lower Upper
97 100
99 61.5 50.5 75.7
61 47.3 36.6 55.0

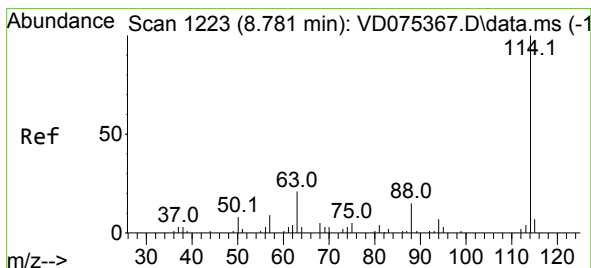
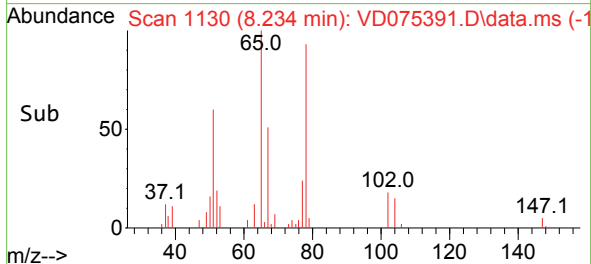
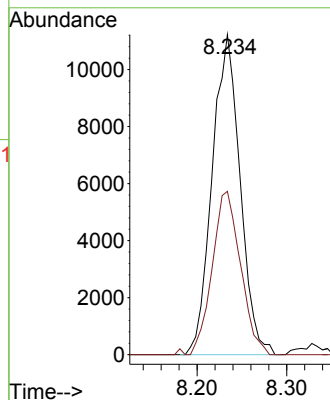
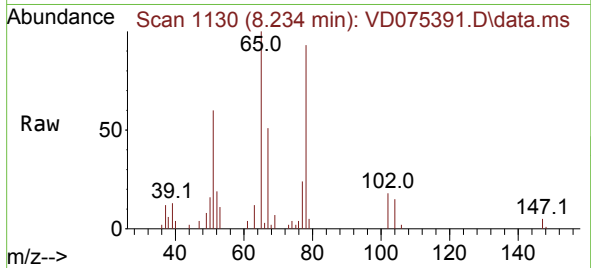




#33
1,2-Dichloroethane-d4
Concen: 51.179 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

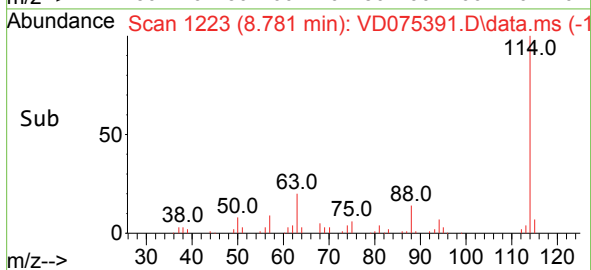
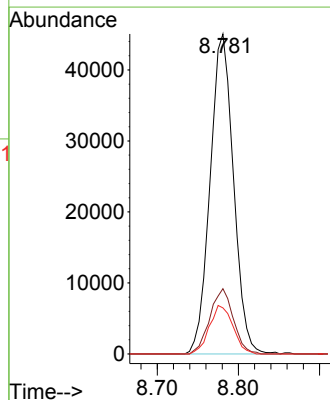
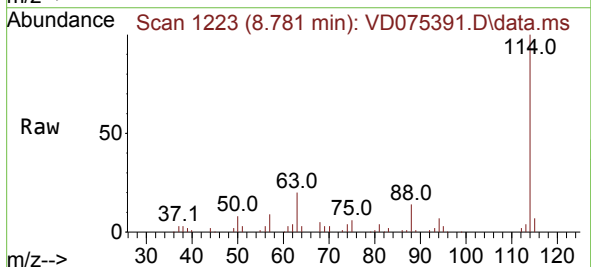
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

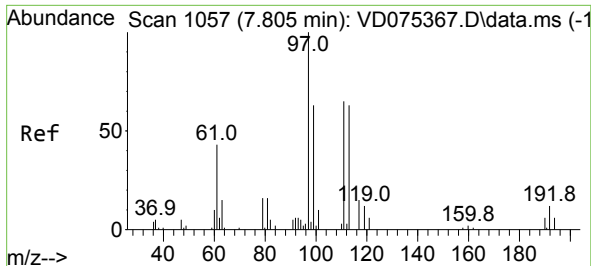
Tgt Ion: 65 Resp: 24255
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion:114 Resp: 90238
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.6
88 14.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.328 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

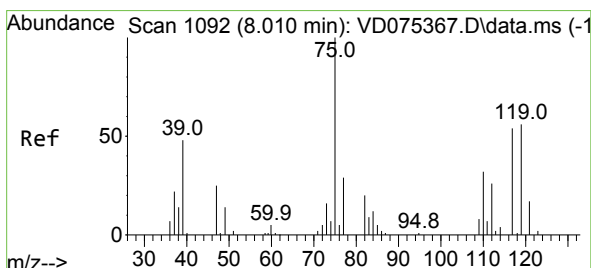
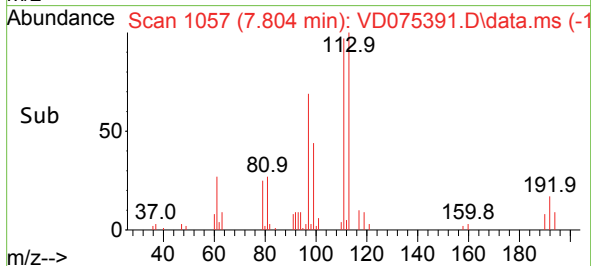
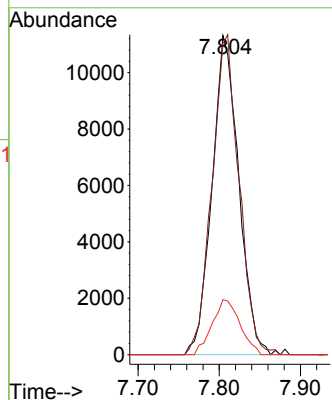
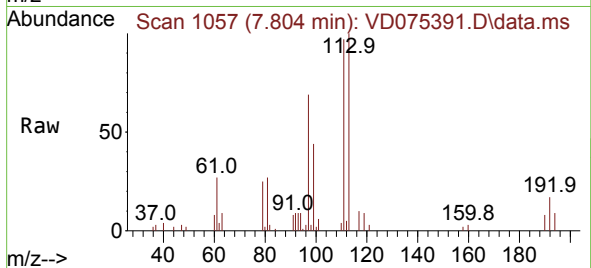
Tgt Ion:113 Resp: 25889

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 18.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 20.216 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

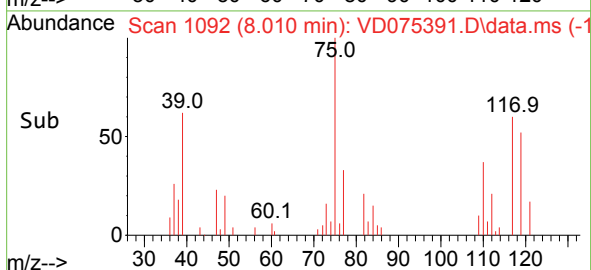
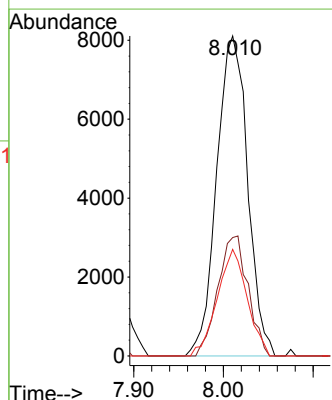
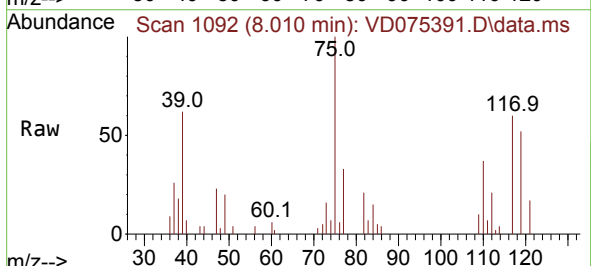
Tgt Ion: 75 Resp: 19410

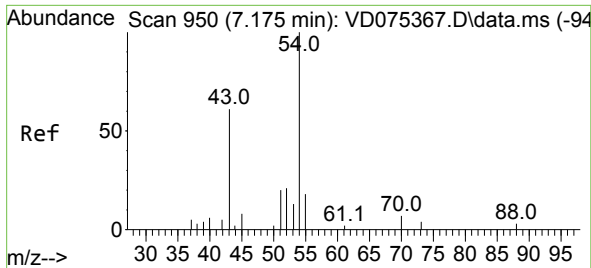
Ion Ratio Lower Upper

75 100

110 36.5 17.1 51.2

77 32.1 24.6 36.8





#37

Ethyl Acetate

Concen: 19.209 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

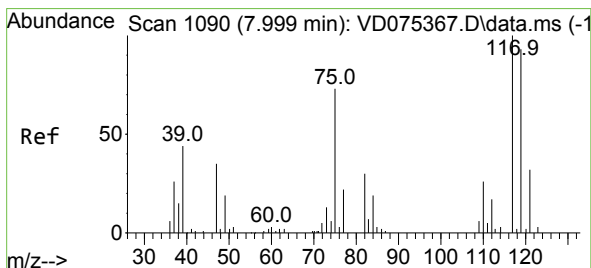
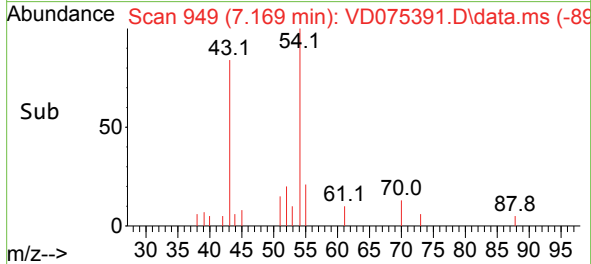
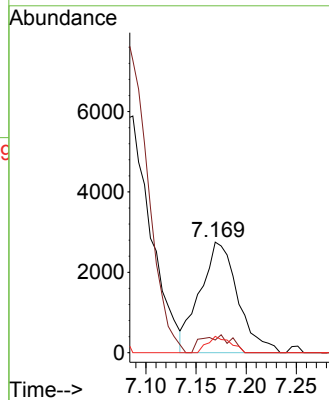
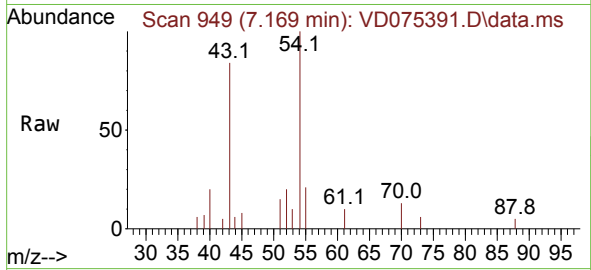
Tgt Ion: 43 Resp: 7218

Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

70 9.0 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 20.346 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

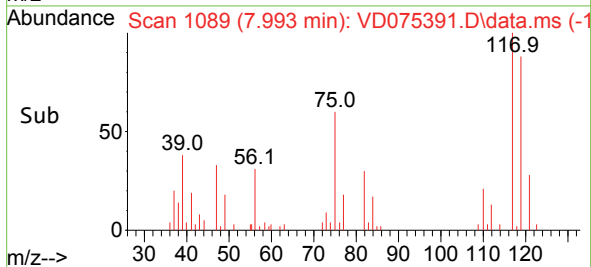
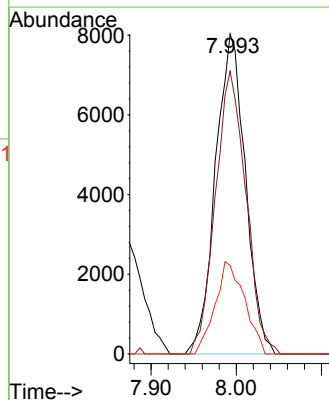
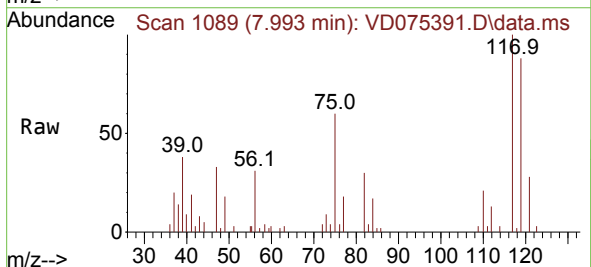
Tgt Ion: 117 Resp: 19573

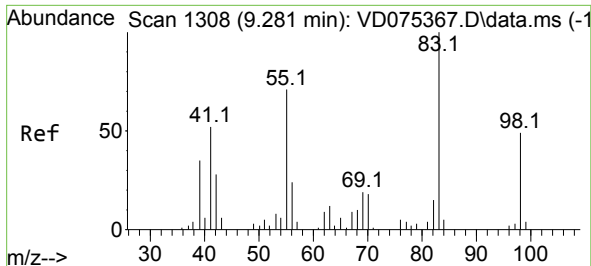
Ion Ratio Lower Upper

117 100

119 88.4 74.7 112.1

121 27.6 25.9 38.9





#39

Methylcyclohexane

Concen: 19.187 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.006 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

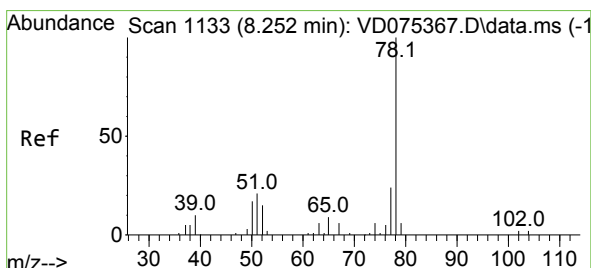
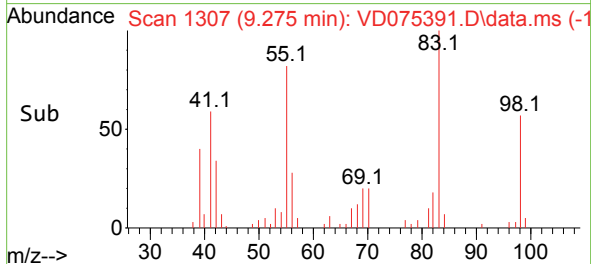
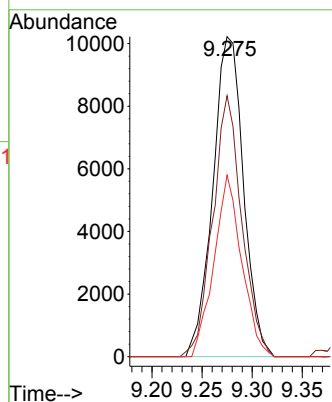
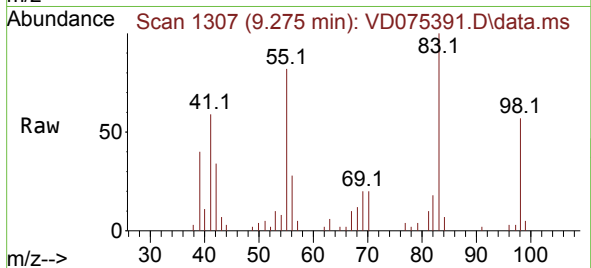
Tgt Ion: 83 Resp: 21714

Ion Ratio Lower Upper

83 100

55 81.5 56.8 85.2

98 56.7 38.9 58.3



#40

Benzene

Concen: 20.155 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.005 min

Lab File: VD075391.D

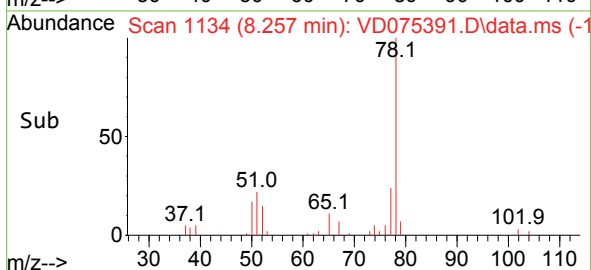
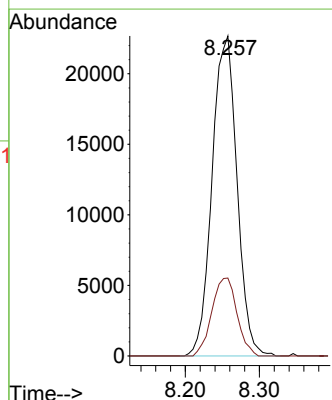
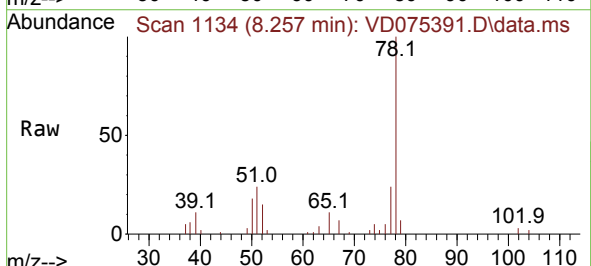
Acq: 21 Feb 2023 20:01

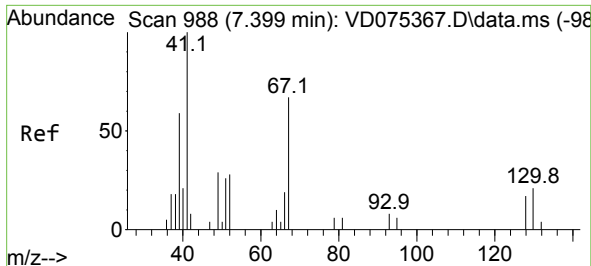
Tgt Ion: 78 Resp: 52975

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

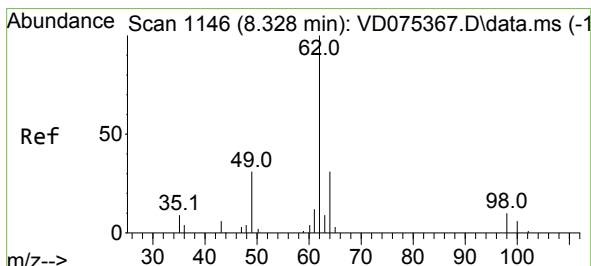
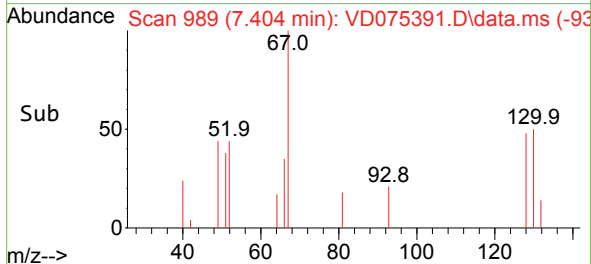
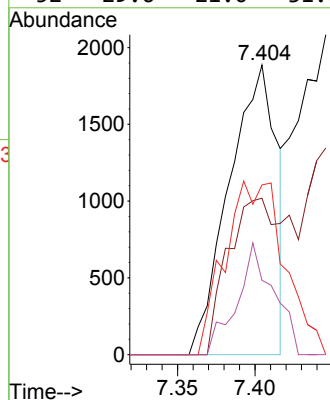
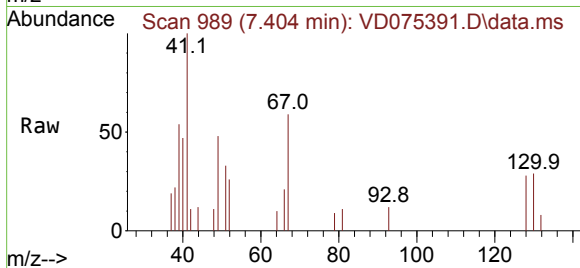




#41
Methacrylonitrile
Concen: 18.747 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

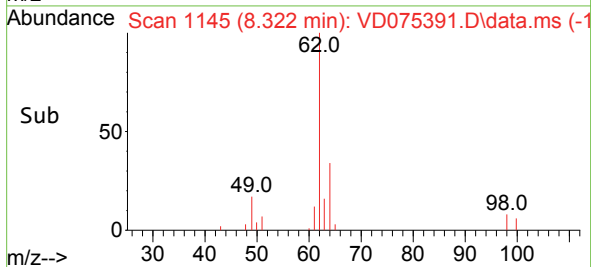
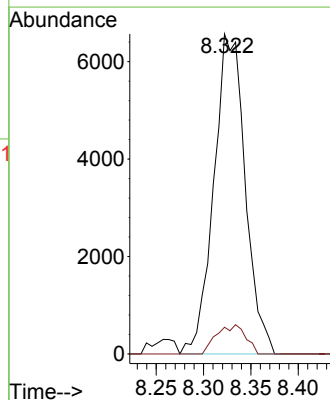
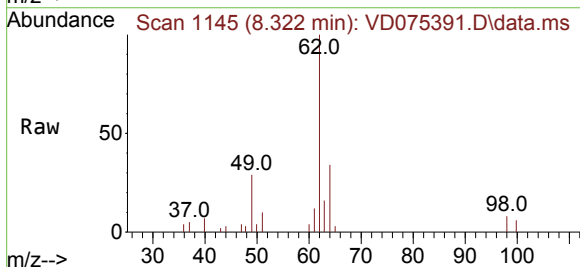
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

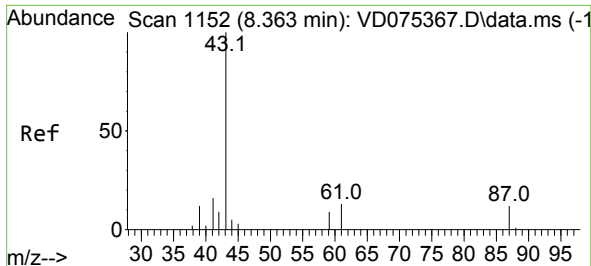
Tgt Ion:	41	Resp:	4040
Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.3	67.9
67	74.5	50.5	75.7
52	29.6	21.0	31.6



#42
1,2-Dichloroethane
Concen: 20.620 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion:	62	Resp:	15133
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.8

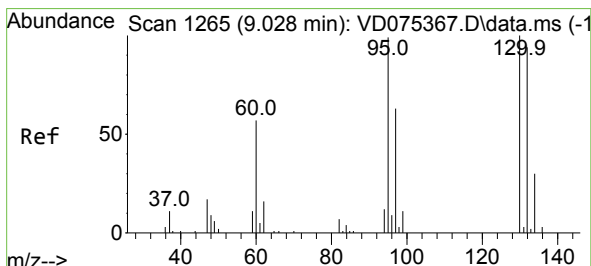
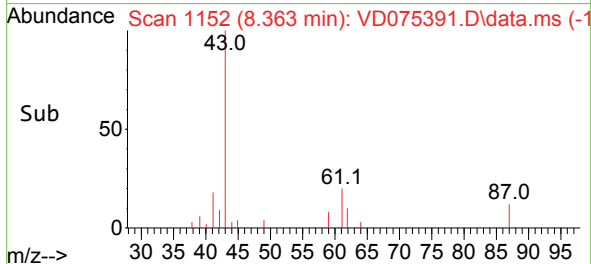
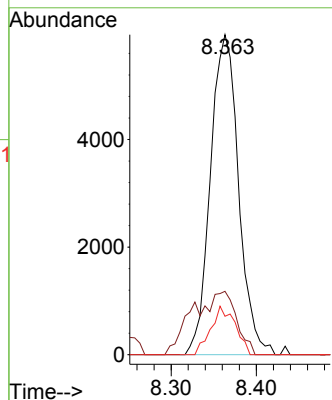
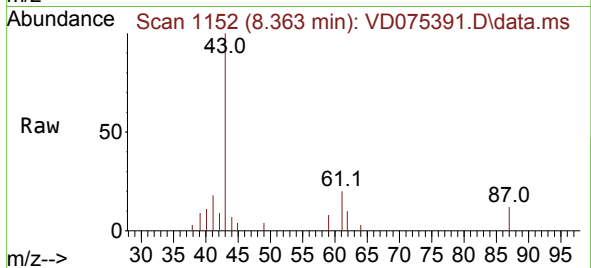




#43
Isopropyl Acetate
Concen: 19.363 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

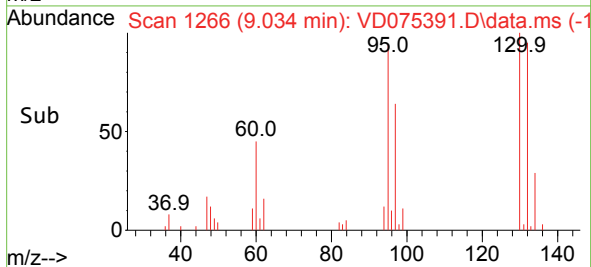
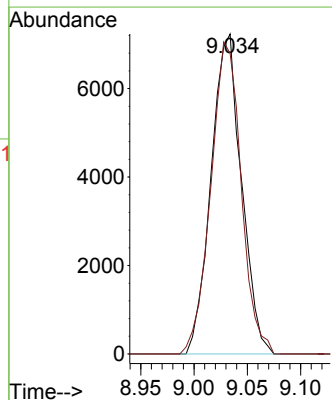
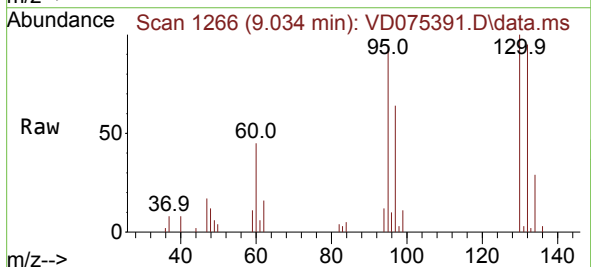
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

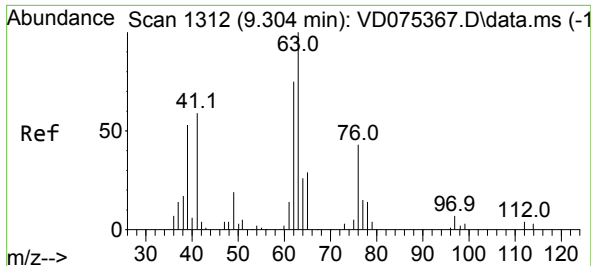
Tgt Ion: 43 Resp: 13671
Ion Ratio Lower Upper
43 100
61 15.9 23.4 35.0#
87 13.1 9.5 14.3



#44
Trichloroethene
Concen: 20.330 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion:130 Resp: 14315
Ion Ratio Lower Upper
130 100
95 93.9 0.0 197.6





#45

1,2-Dichloropropane

Concen: 21.299 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Instrument :

MSVOA_D

ClientSampleId :

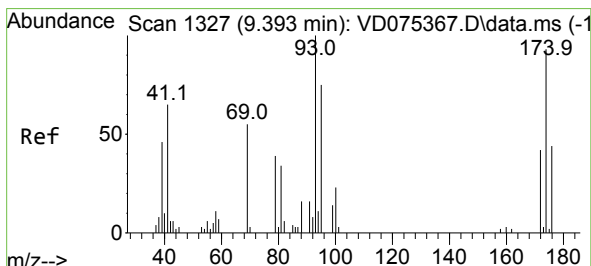
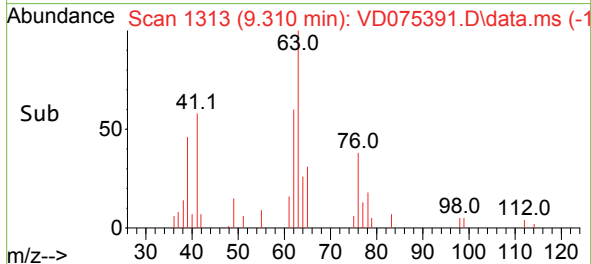
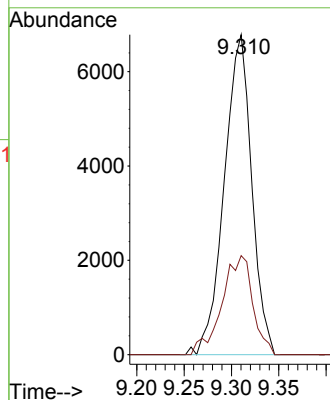
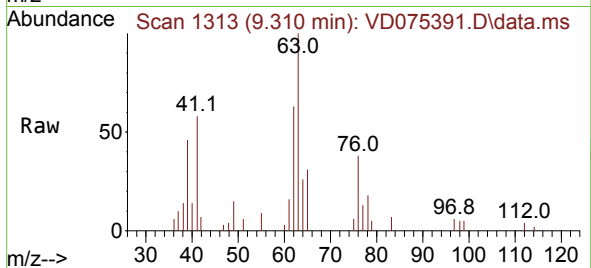
VD0221SBS01

Tgt Ion: 63 Resp: 13652

Ion Ratio Lower Upper

63 100

65 30.9 23.0 34.4



#46

Dibromomethane

Concen: 20.263 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

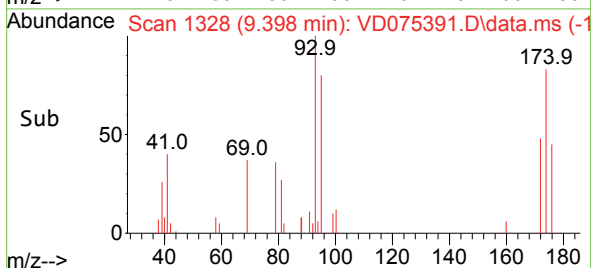
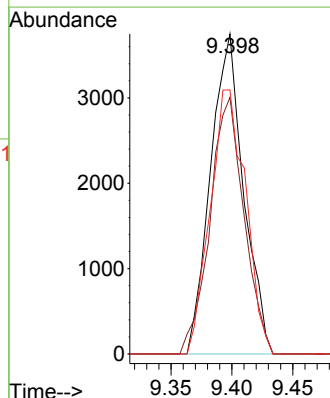
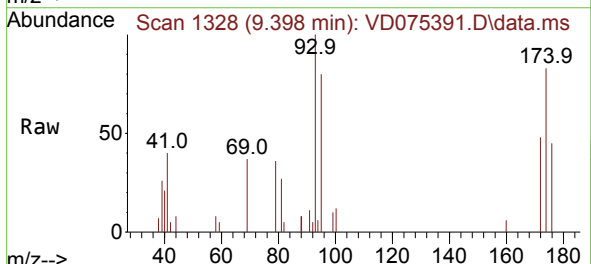
Tgt Ion: 93 Resp: 7072

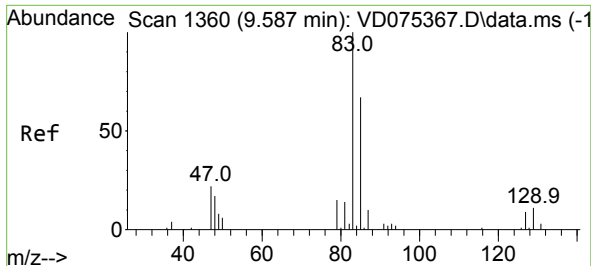
Ion Ratio Lower Upper

93 100

95 82.6 64.5 96.7

174 88.4 76.2 114.4

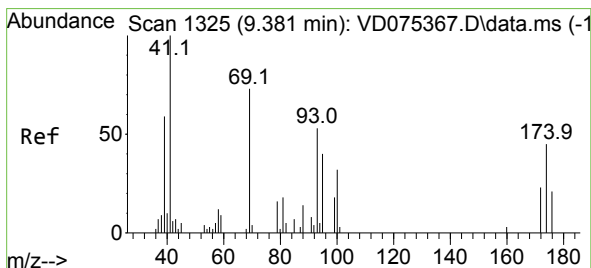
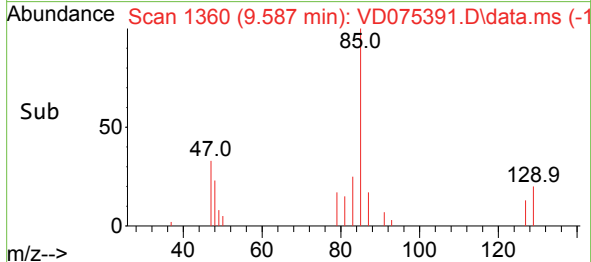
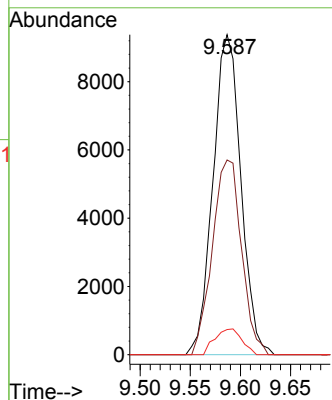
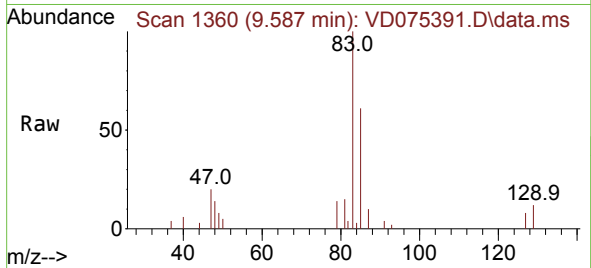




#47
Bromodichloromethane
Concen: 20.427 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

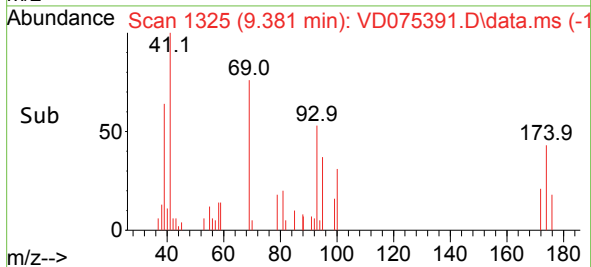
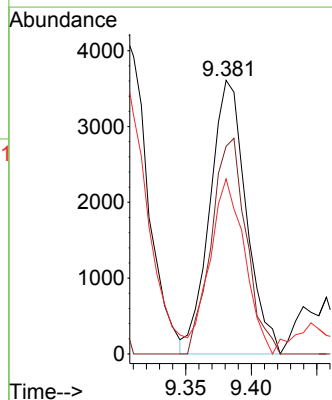
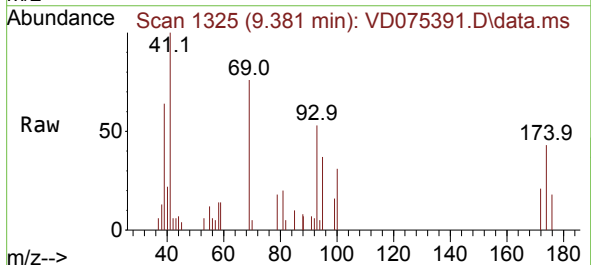
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

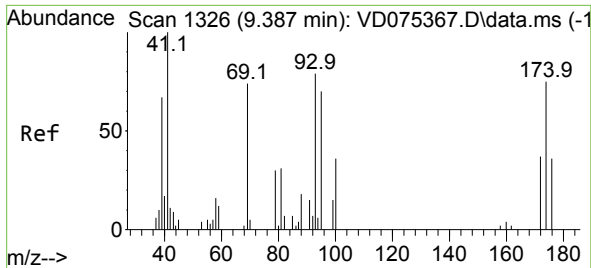
Tgt Ion: 83 Resp: 18142
Ion Ratio Lower Upper
83 100
85 60.9 53.7 80.5
127 7.8 7.0 10.6



#48
Methyl methacrylate
Concen: 19.616 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 41 Resp: 6962
Ion Ratio Lower Upper
41 100
69 75.8 58.6 88.0
39 60.9 53.4 80.0





#49

1,4-Dioxane

Concen: 374.518 ug/l

RT: 9.398 min Scan# 11

Delta R.T. 0.011 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

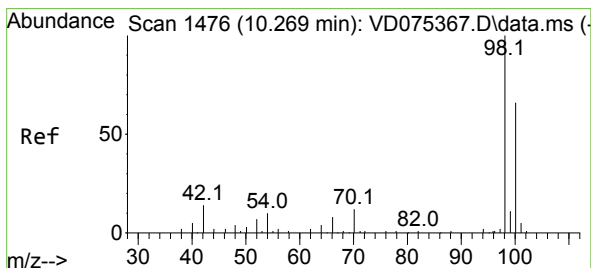
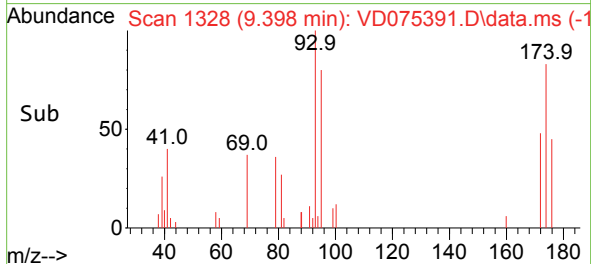
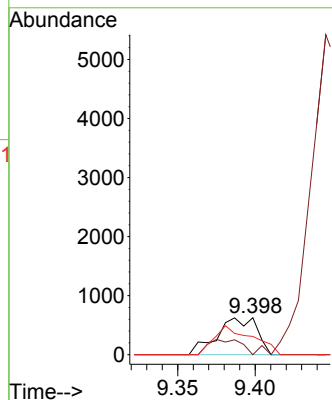
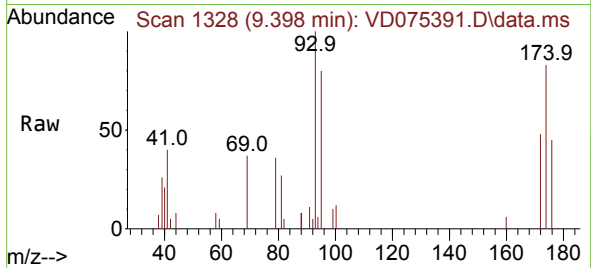
Tgt Ion: 88 Resp: 1121

Ion Ratio Lower Upper

88 100

43 0.0 34.6 51.8#

58 0.0 58.0 87.0#



#50

Toluene-d8

Concen: 45.908 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075391.D

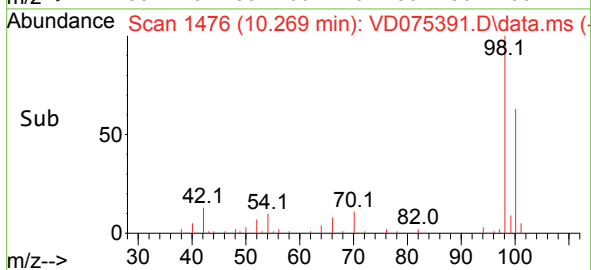
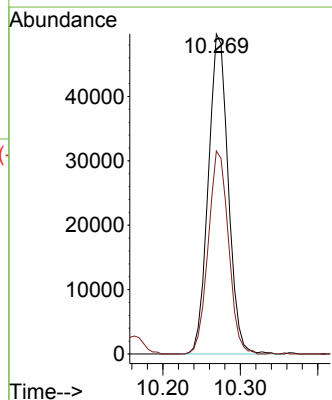
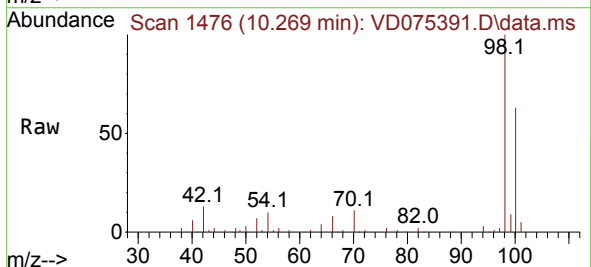
Acq: 21 Feb 2023 20:01

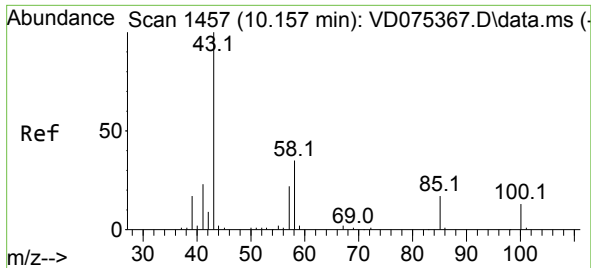
Tgt Ion: 98 Resp: 88753

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1

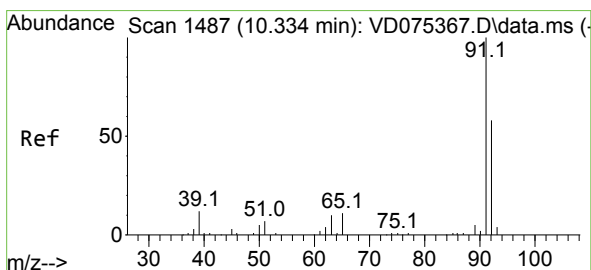
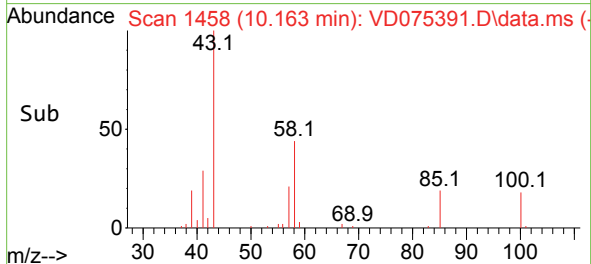
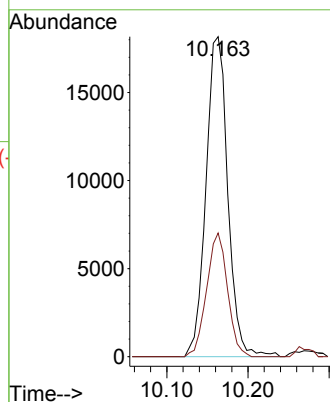
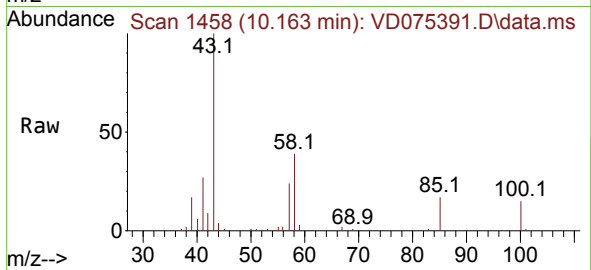




#51
4-Methyl-2-Pentanone
Concen: 94.777 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

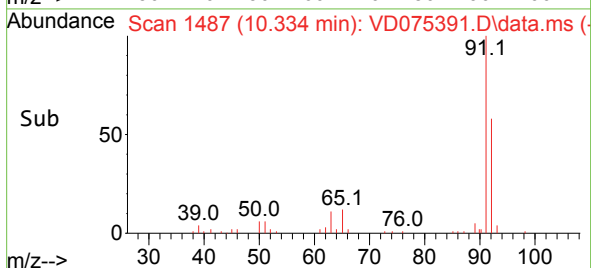
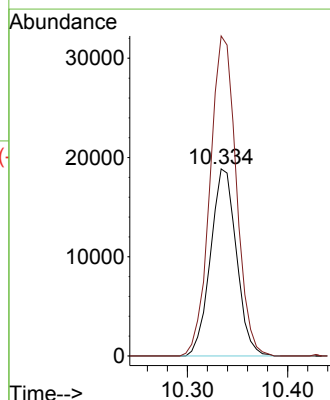
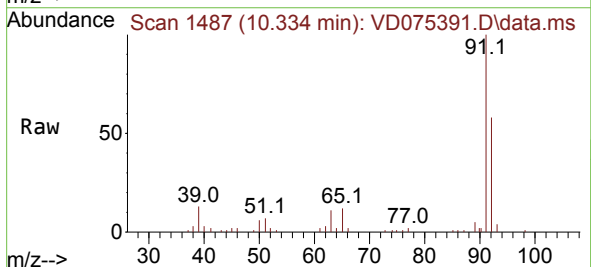
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

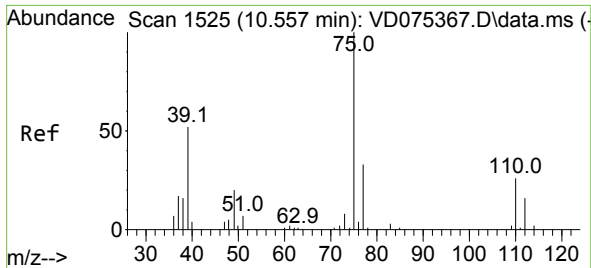
Tgt Ion: 43 Resp: 33889
Ion Ratio Lower Upper
43 100
58 37.0 29.5 44.3



#52
Toluene
Concen: 20.916 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 92 Resp: 33848
Ion Ratio Lower Upper
92 100
91 173.5 136.5 204.7

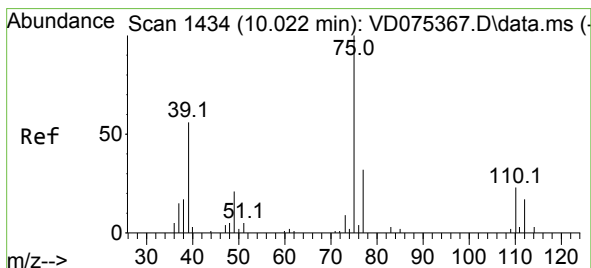
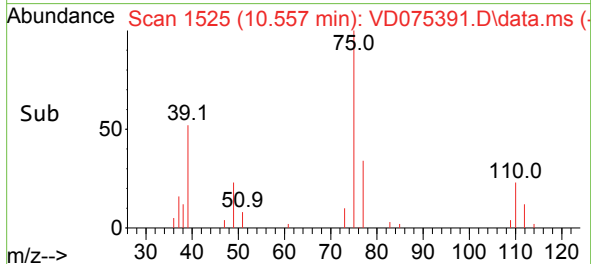
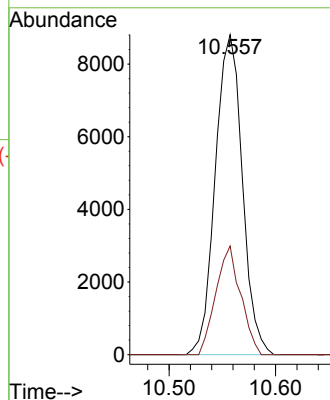
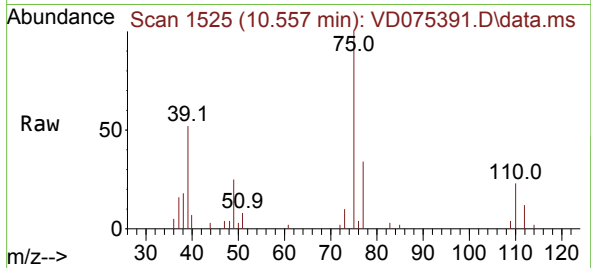




#53
 t-1,3-Dichloropropene
 Concen: 21.342 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075391.D
 Acq: 21 Feb 2023 20:01

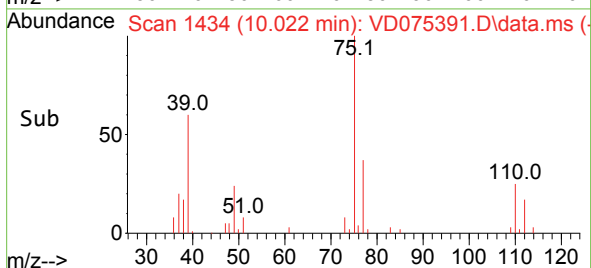
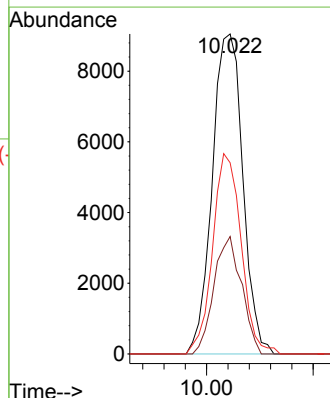
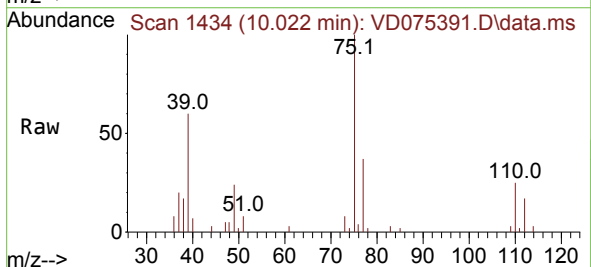
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

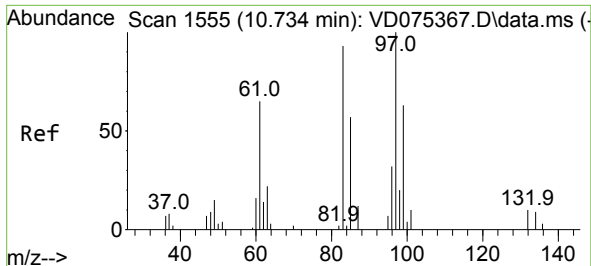
Tgt Ion: 75 Resp: 15518
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.414 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. -0.000 min
 Lab File: VD075391.D
 Acq: 21 Feb 2023 20:01

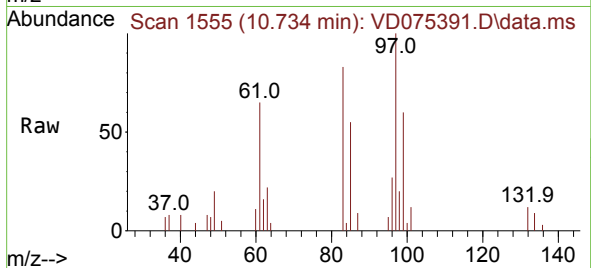
Tgt Ion: 75 Resp: 17995
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.6 38.4
 39 59.7 44.8 67.2



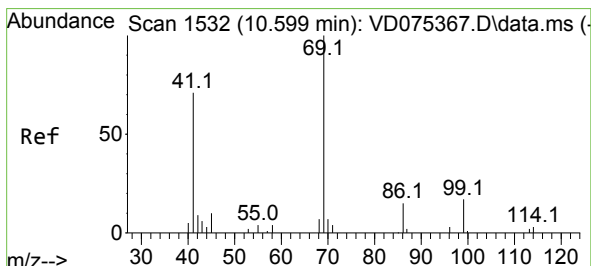
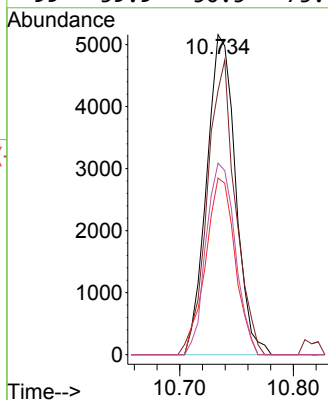
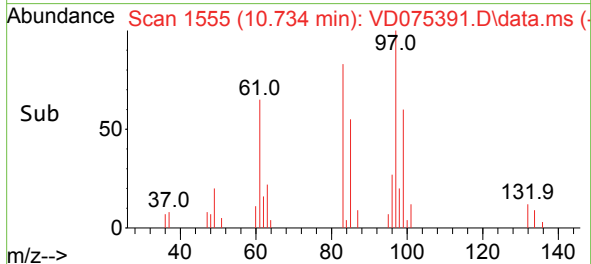


#55
1,1,2-Trichloroethane
Concen: 20.179 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

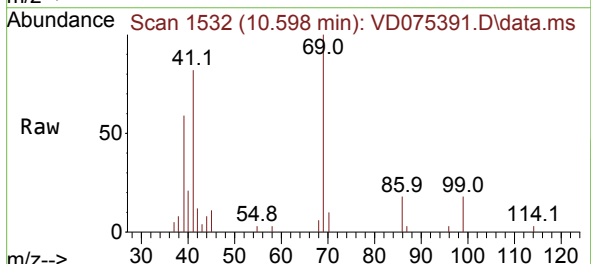
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



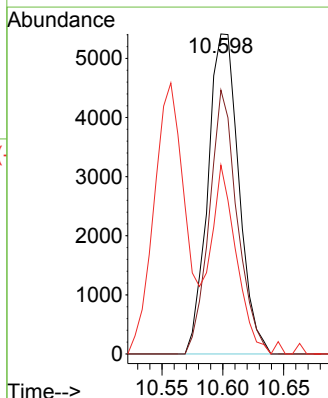
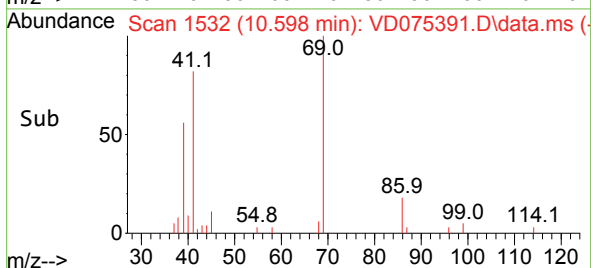
Tgt Ion: 97	Resp: 9124
Ion Ratio	Lower Upper
97 100	
83 82.6	74.2 111.4
85 55.2	45.4 68.0
99 59.9	50.5 75.7

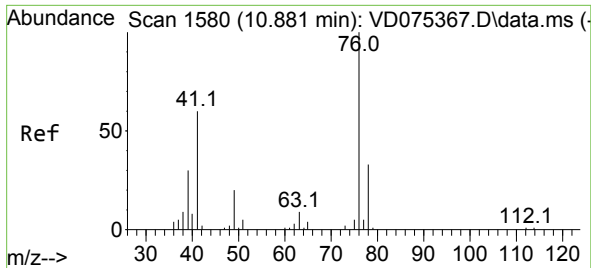


#56
Ethyl methacrylate
Concen: 19.040 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01



Tgt Ion: 69	Resp: 9580
Ion Ratio	Lower Upper
69 100	
41 74.8	59.3 88.9
39 48.2	36.0 54.0





#57

1,3-Dichloropropane

Concen: 20.410 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Instrument :

MSVOA_D

ClientSampleId :

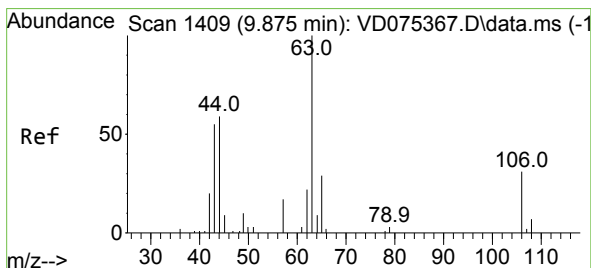
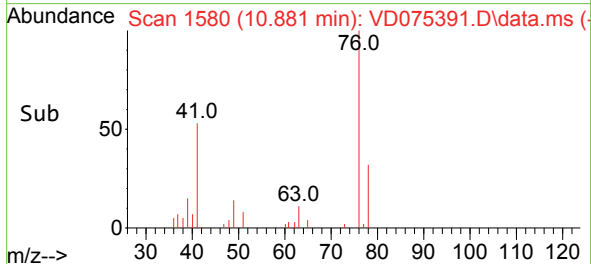
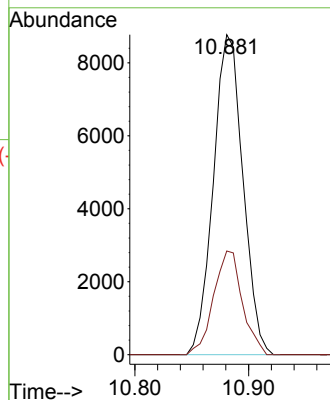
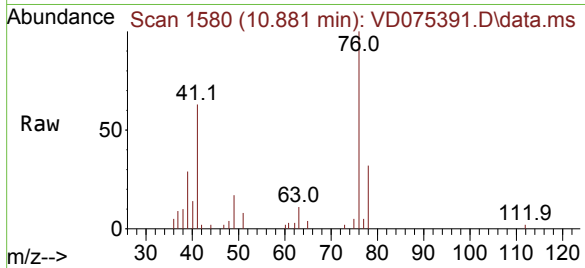
VD0221SBS01

Tgt Ion: 76 Resp: 15895

Ion Ratio Lower Upper

76 100

78 31.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 121.495 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. -0.000 min

Lab File: VD075391.D

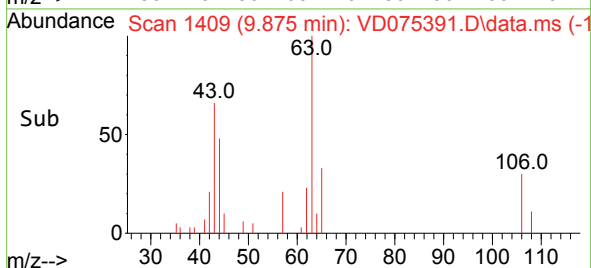
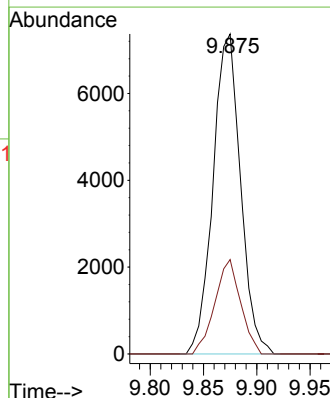
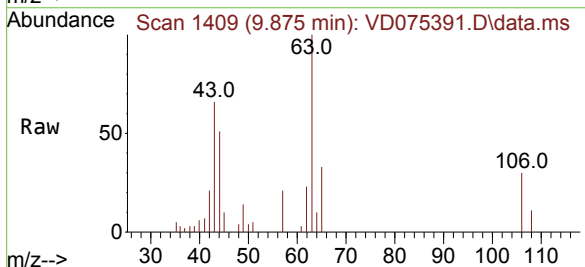
Acq: 21 Feb 2023 20:01

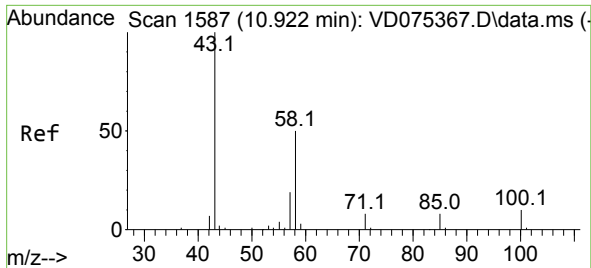
Tgt Ion: 63 Resp: 13203

Ion Ratio Lower Upper

63 100

106 27.7 21.4 32.2

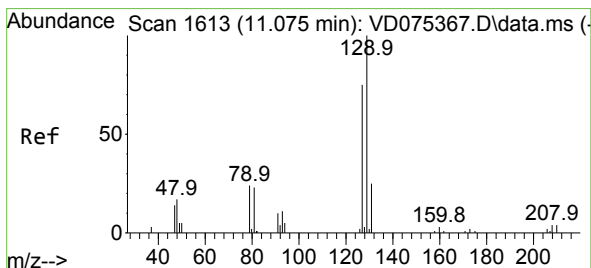
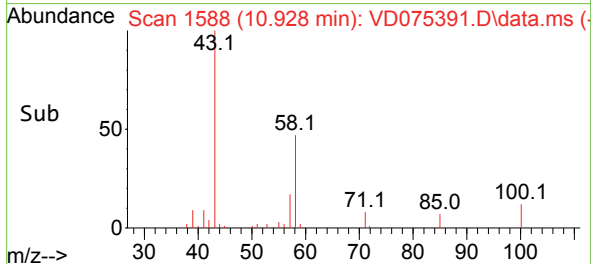
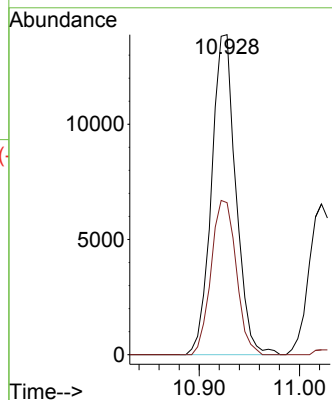
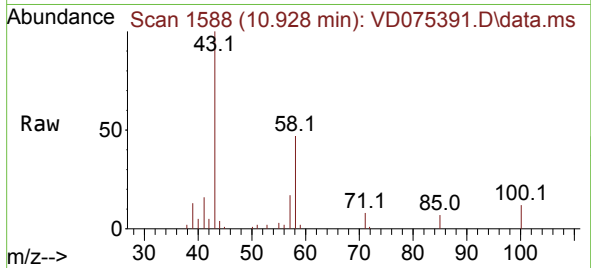




#59
2-Hexanone
Concen: 92.467 ug/l
RT: 10.928 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

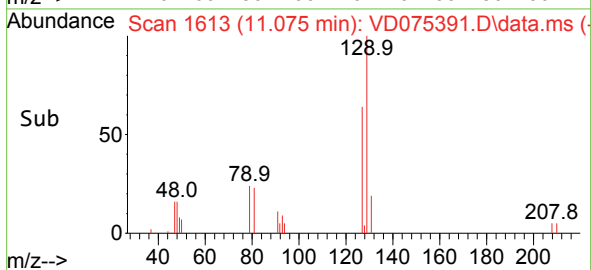
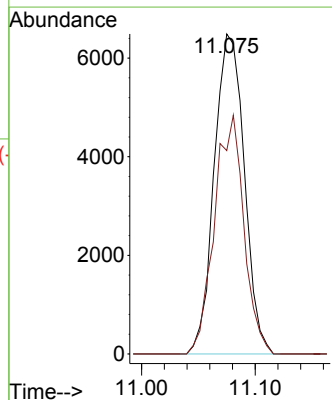
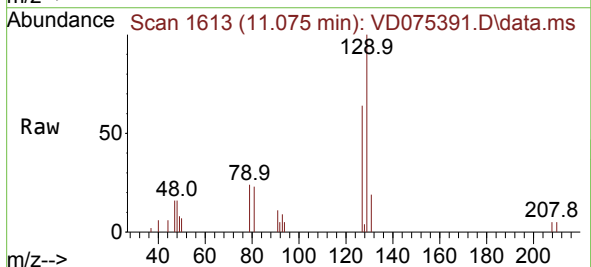
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

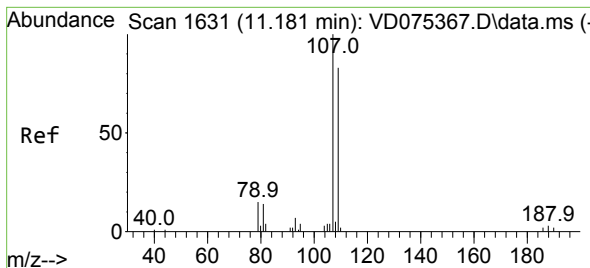
Tgt Ion: 43 Resp: 23331
Ion Ratio Lower Upper
43 100
58 49.8 25.3 75.8



#60
Dibromochloromethane
Concen: 20.635 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 129 Resp: 11929
Ion Ratio Lower Upper
129 100
127 73.0 38.1 114.5

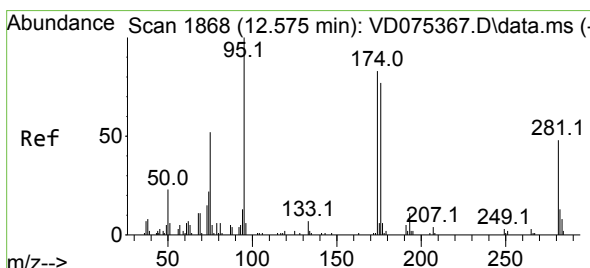
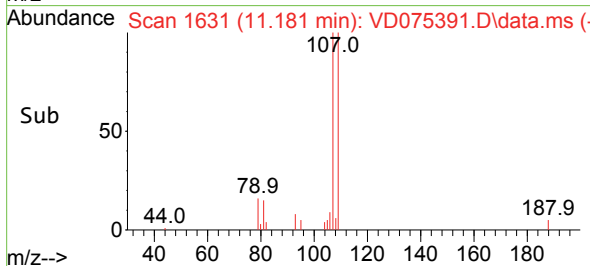
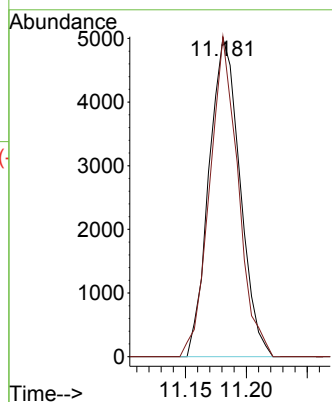
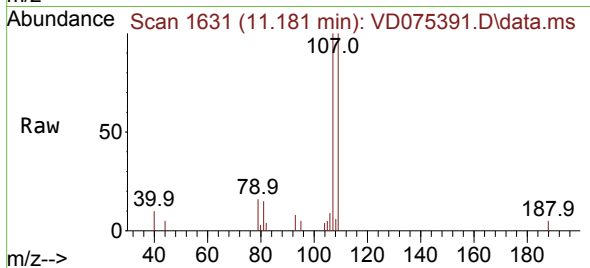




#61
1,2-Dibromoethane
Concen: 20.663 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

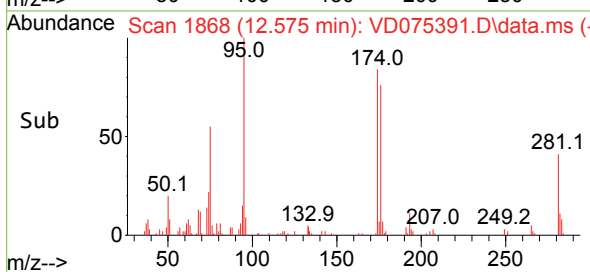
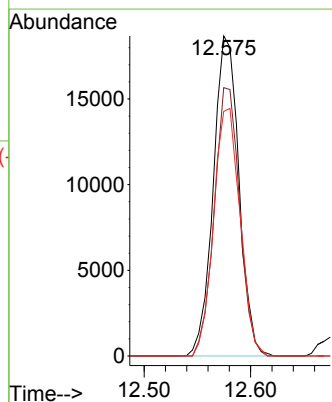
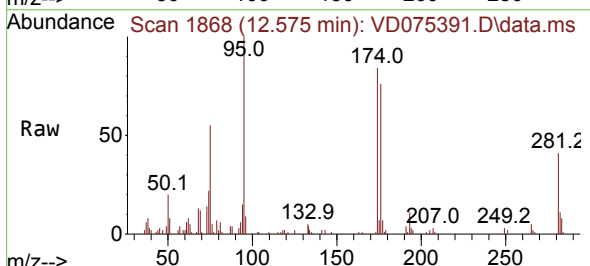
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

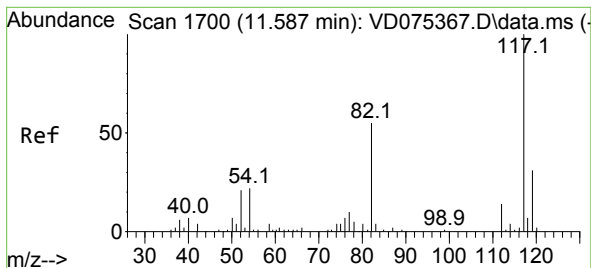
Tgt Ion:107 Resp: 8859
Ion Ratio Lower Upper
107 100
109 92.3 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 47.975 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 95 Resp: 31144
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.0
176 80.1 0.0 156.8

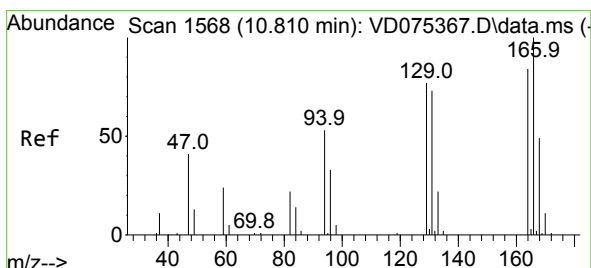
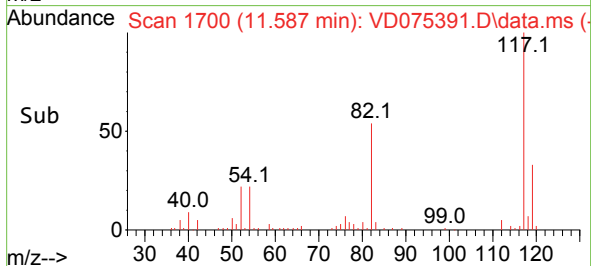
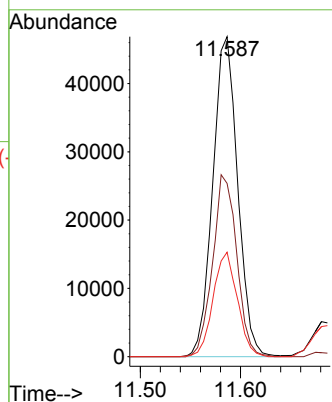
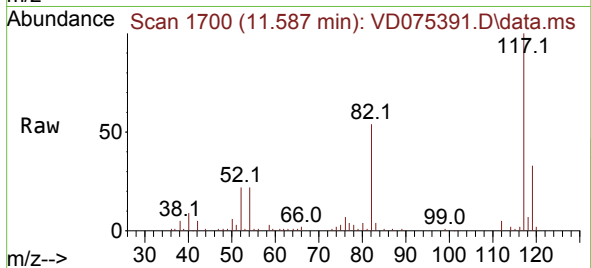




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

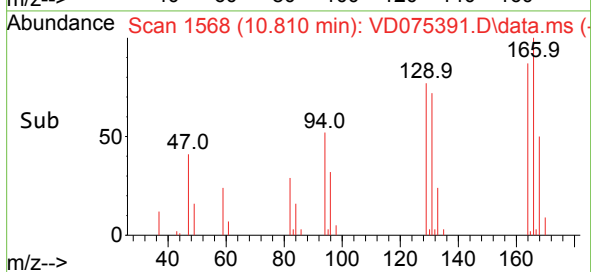
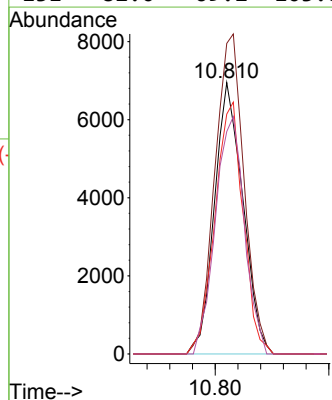
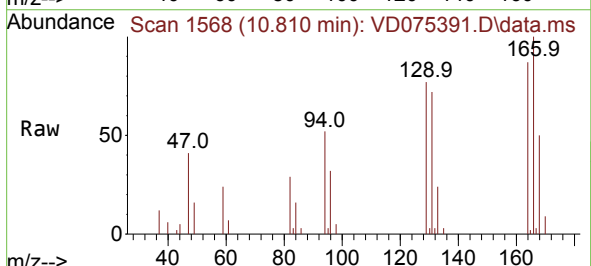
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

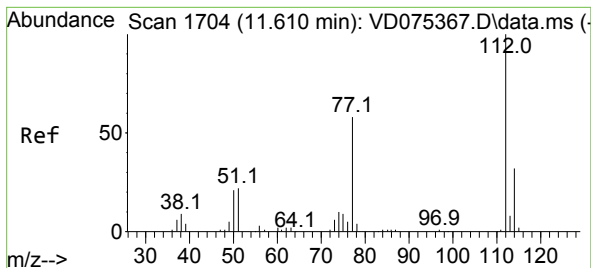
Tgt Ion:117 Resp: 80825
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 32.7 25.1 37.7



#64
Tetrachloroethene
Concen: 20.903 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion:164 Resp: 12093
Ion Ratio Lower Upper
164 100
166 114.5 94.9 142.3
129 88.4 73.0 109.6
131 82.0 69.2 103.8

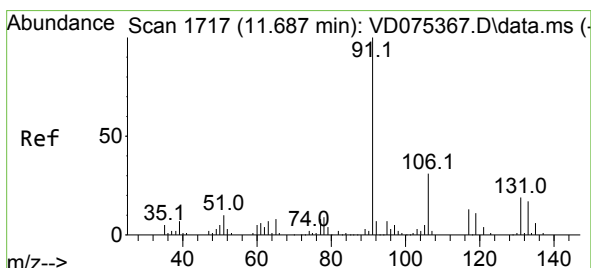
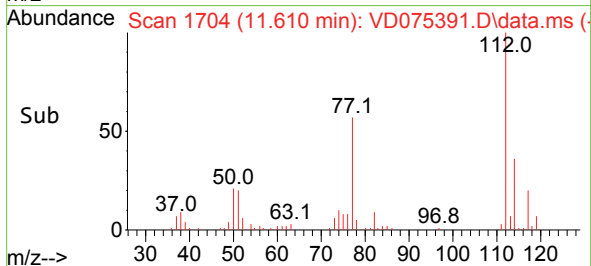
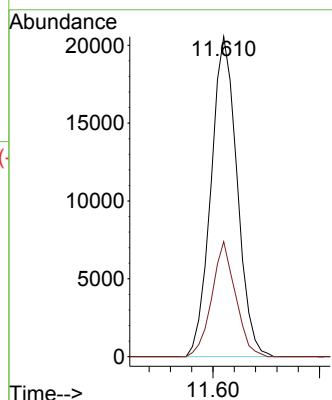
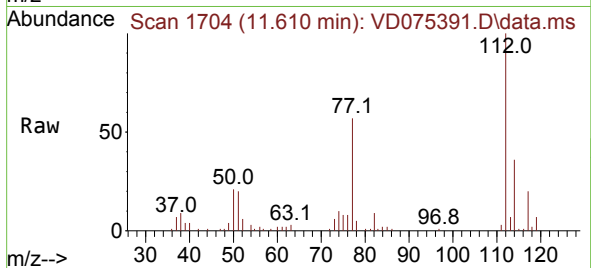




#65
Chlorobenzene
Concen: 20.653 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

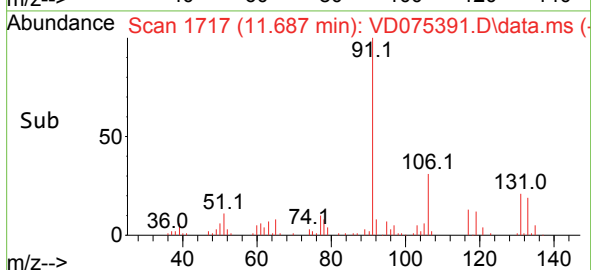
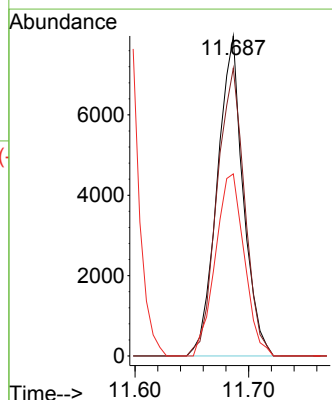
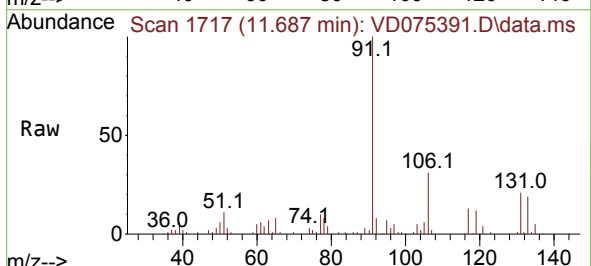
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

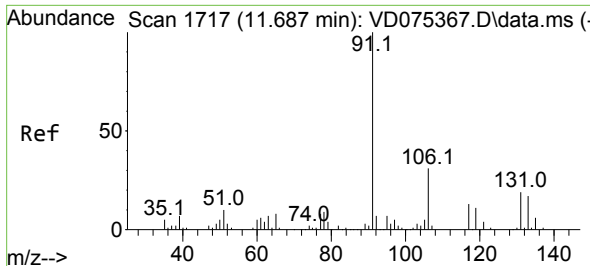
Tgt Ion:112 Resp: 34914
Ion Ratio Lower Upper
112 100
114 35.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.582 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion:131 Resp: 12635
Ion Ratio Lower Upper
131 100
133 95.6 46.7 140.0
119 63.4 31.9 95.9

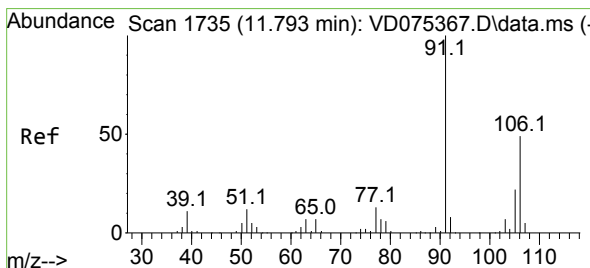
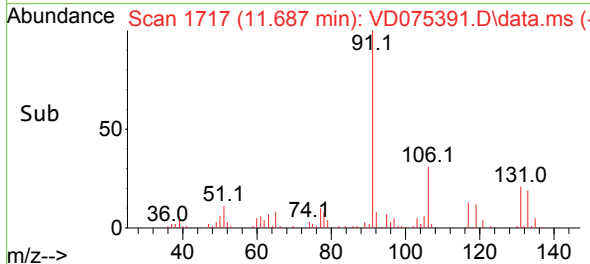
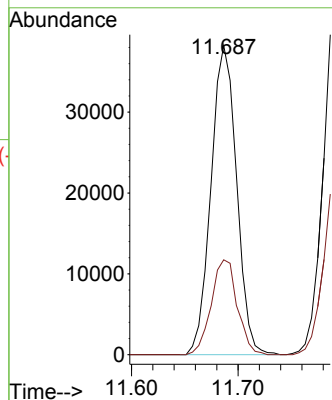
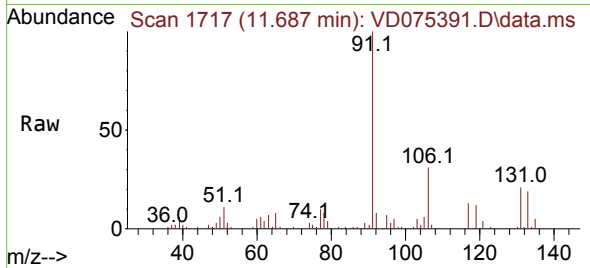




#67
Ethyl Benzene
Concen: 20.812 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

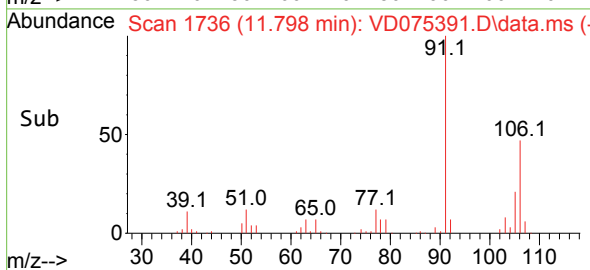
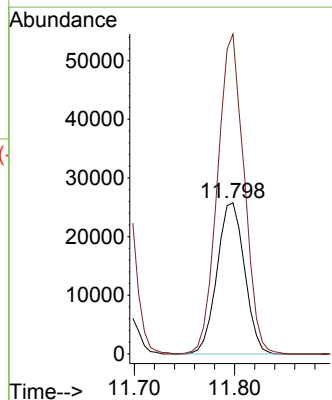
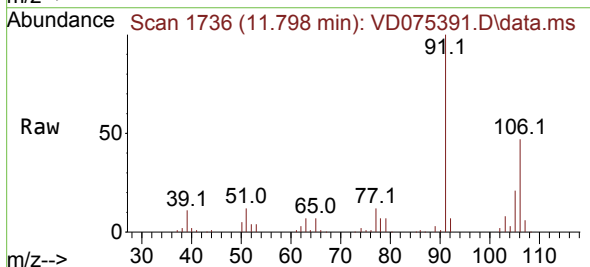
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

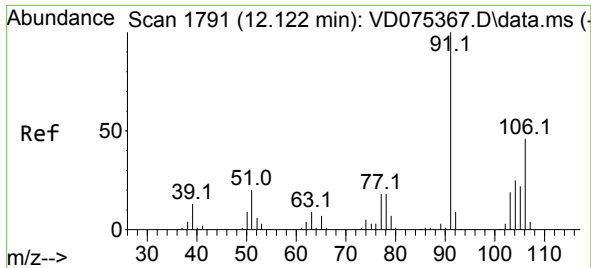
Tgt Ion: 91 Resp: 63807
Ion Ratio Lower Upper
91 100
106 30.7 24.5 36.7



#68
m/p-Xylenes
Concen: 40.921 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.005 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion:106 Resp: 49176
Ion Ratio Lower Upper
106 100
91 204.6 161.5 242.3

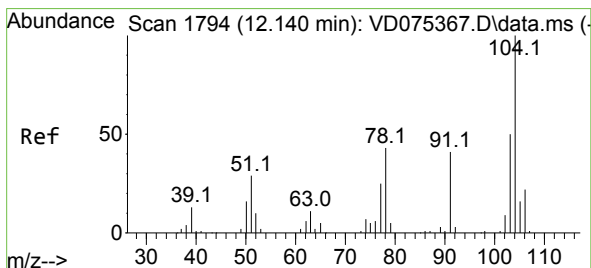
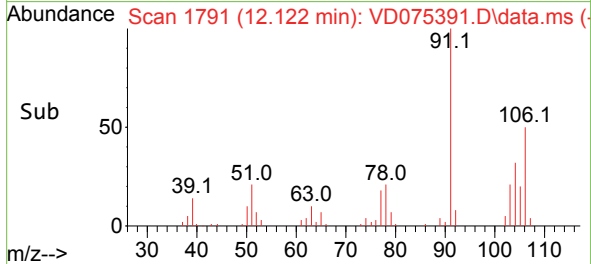
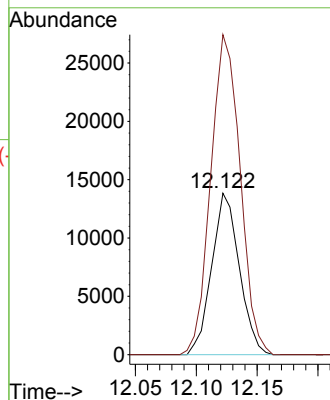
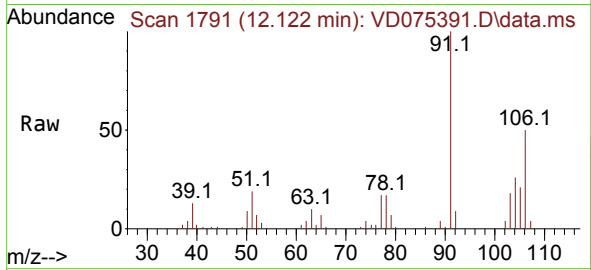




#69
o-Xylene
Concen: 19.861 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

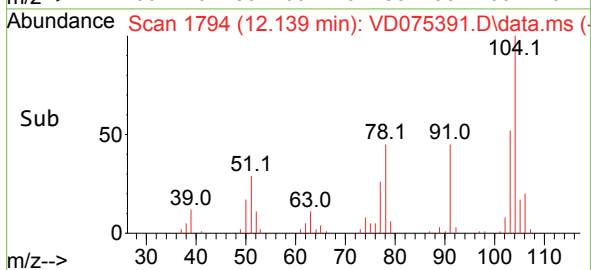
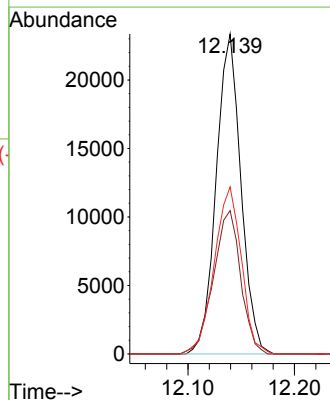
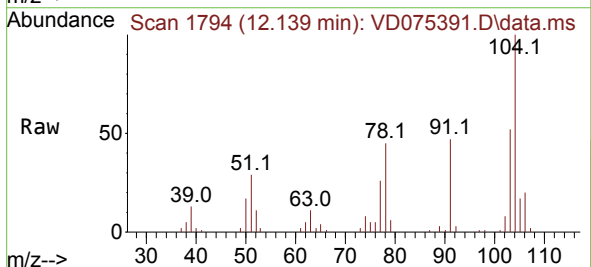
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

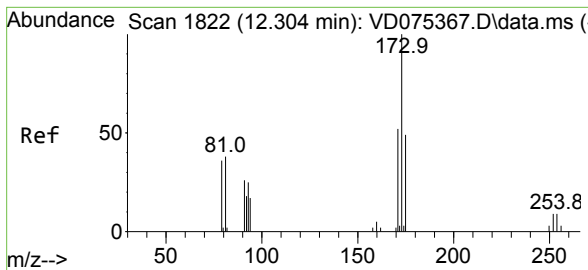
Tgt Ion:106 Resp: 21859
Ion Ratio Lower Upper
106 100
91 211.1 105.7 317.1



#70
Styrene
Concen: 20.465 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion:104 Resp: 37592
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.4
103 57.2 44.2 66.2

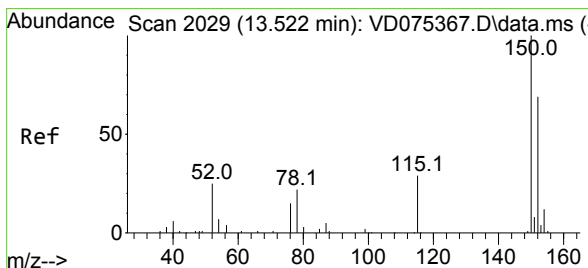
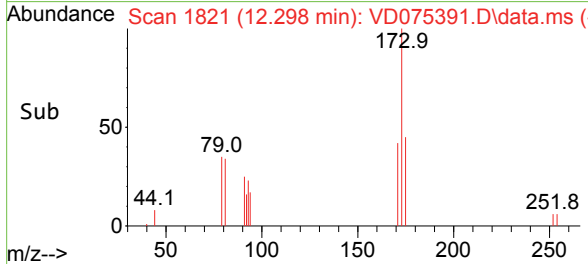
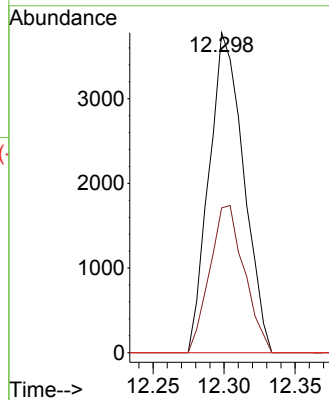
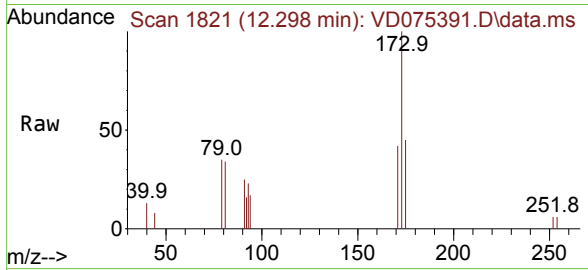




#71
Bromoform
Concen: 20.311 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

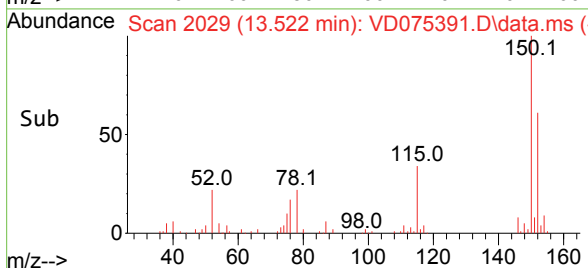
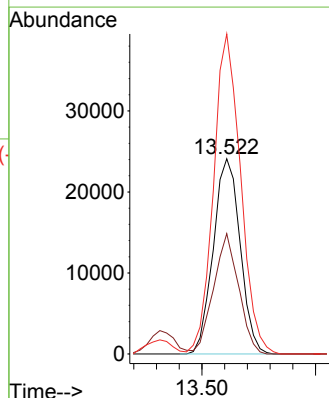
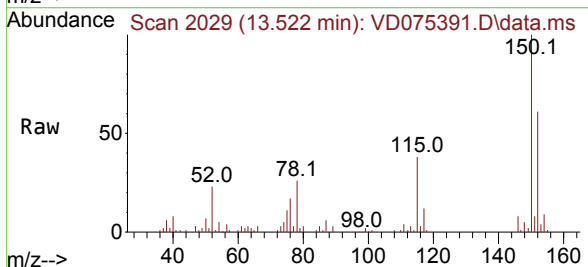
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

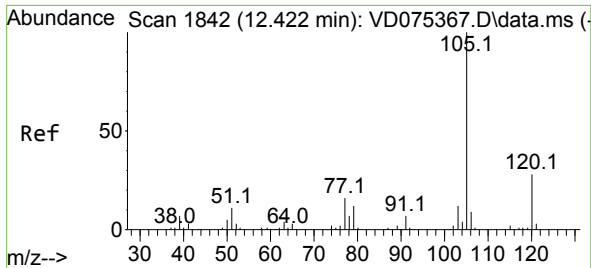
Tgt Ion:173 Resp: 6390
Ion Ratio Lower Upper
173 100
175 46.1 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion:152 Resp: 39586
Ion Ratio Lower Upper
152 100
115 57.6 30.1 90.3
150 165.1 0.0 364.8

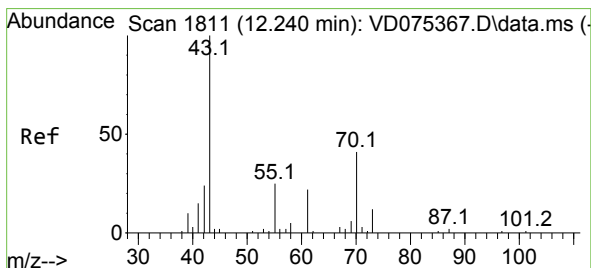
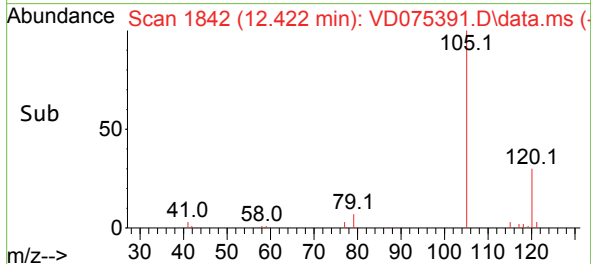
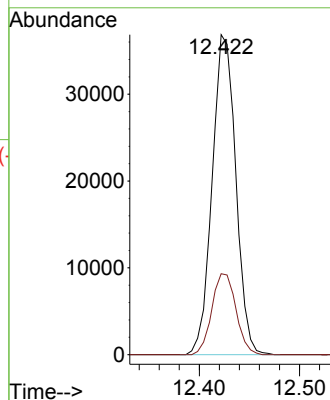
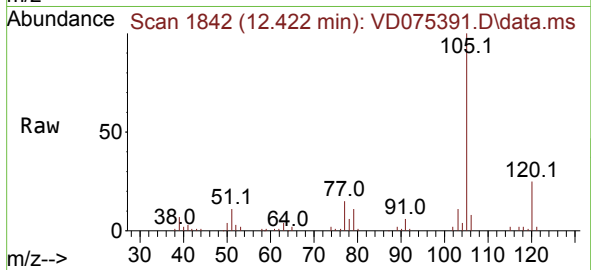




#73
Isopropylbenzene
Concen: 20.204 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

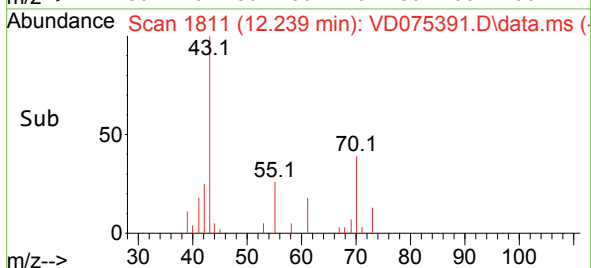
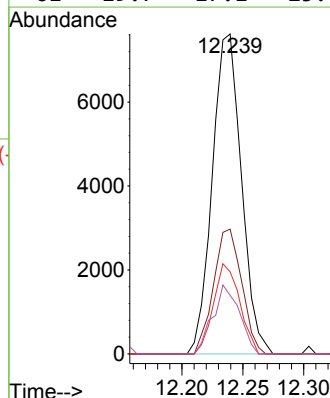
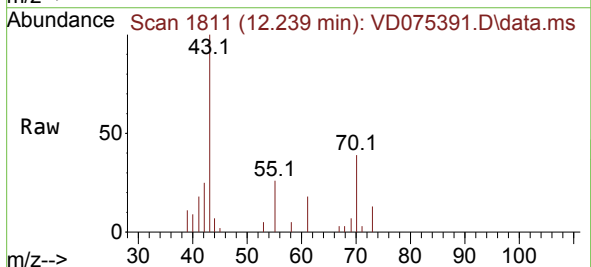
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

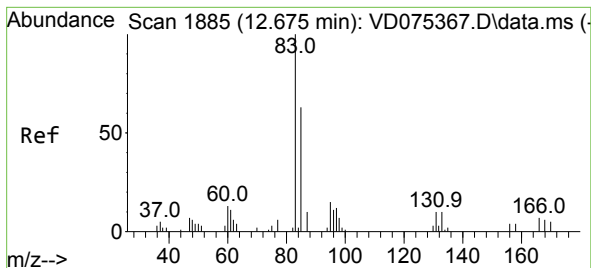
Tgt Ion:105 Resp: 60305
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1



#74
N-ethyl acetate
Concen: 19.848 ug/l
RT: 12.239 min Scan# 1811
Delta R.T. -0.001 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 43 Resp: 12683
Ion Ratio Lower Upper
43 100
70 37.7 31.0 46.4
55 25.4 18.6 28.0
61 19.7 17.1 25.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.244 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

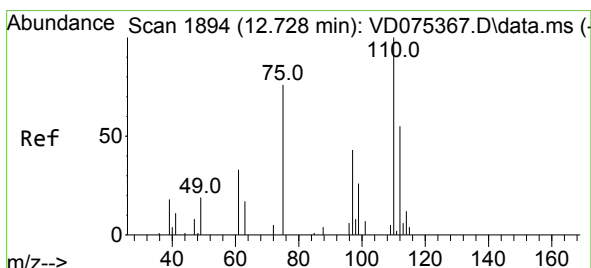
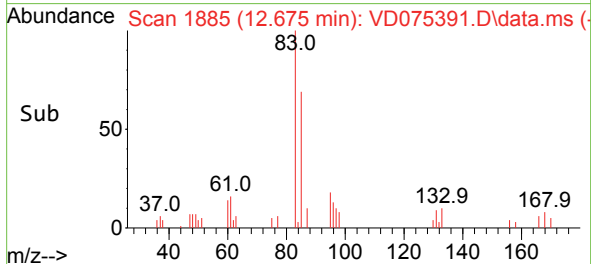
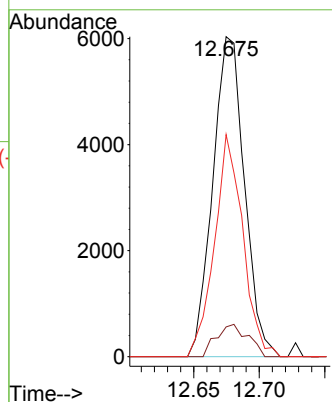
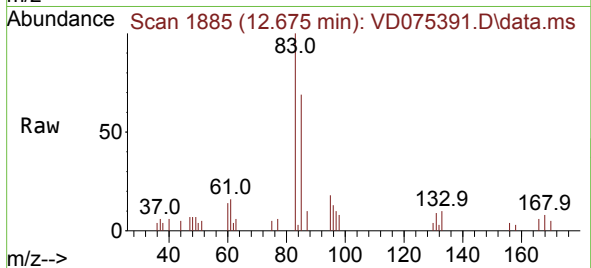
Tgt Ion: 83 Resp: 10126

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 62.2 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 44.312 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD075391.D

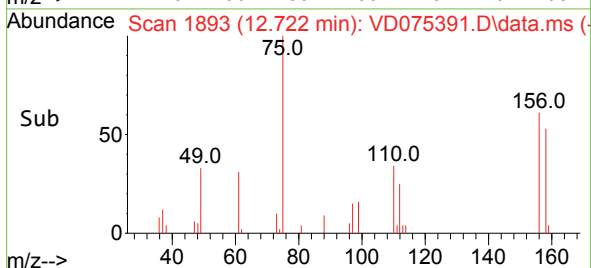
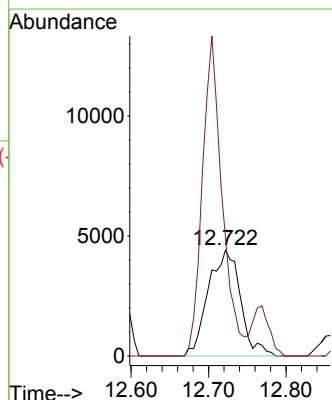
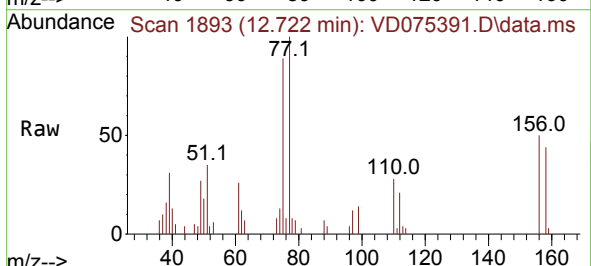
Acq: 21 Feb 2023 20:01

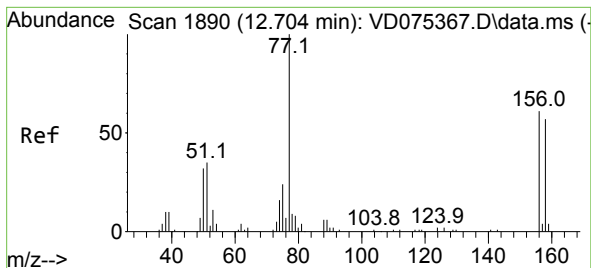
Tgt Ion: 75 Resp: 12697

Ion Ratio Lower Upper

75 100

77 186.2 0.0 0.0#





#77

Bromobenzene

Concen: 19.821 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

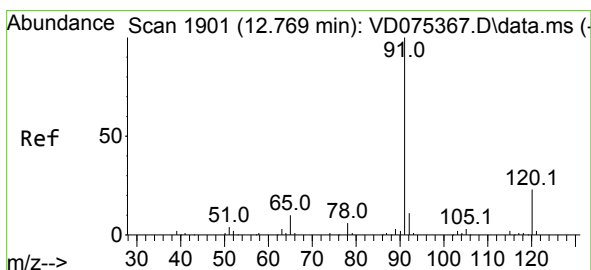
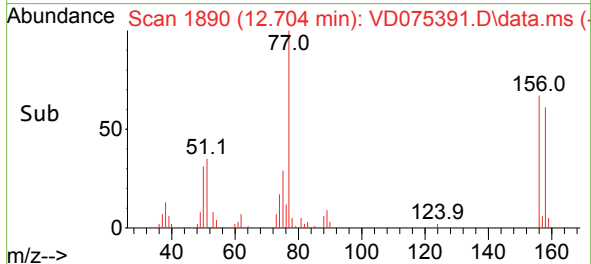
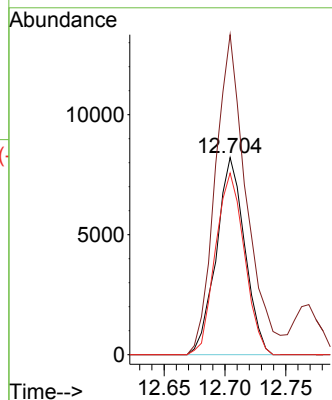
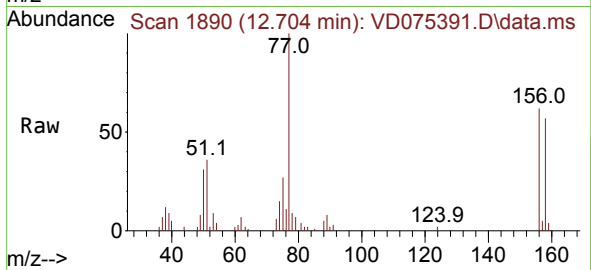
Tgt Ion:156 Resp: 13372

Ion Ratio Lower Upper

156 100

77 176.8 89.5 268.6

158 93.6 47.8 143.4



#78

n-propylbenzene

Concen: 20.372 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VD075391.D

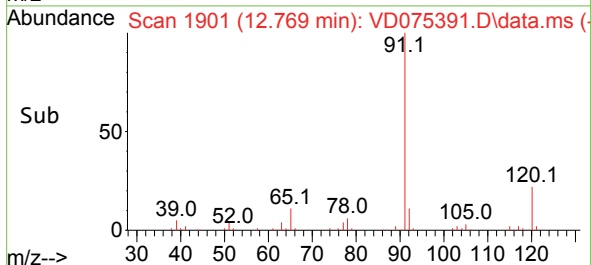
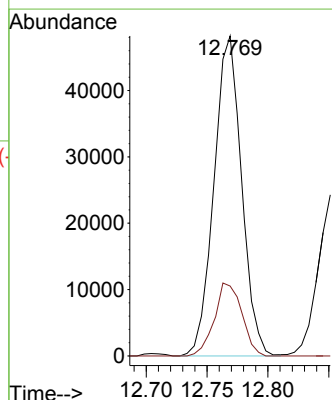
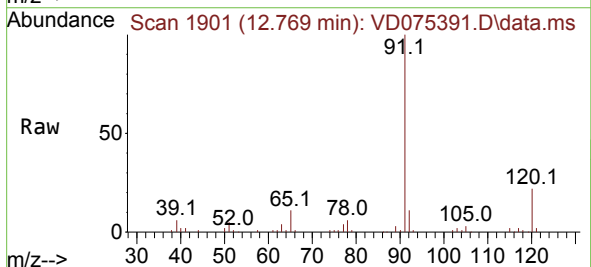
Acq: 21 Feb 2023 20:01

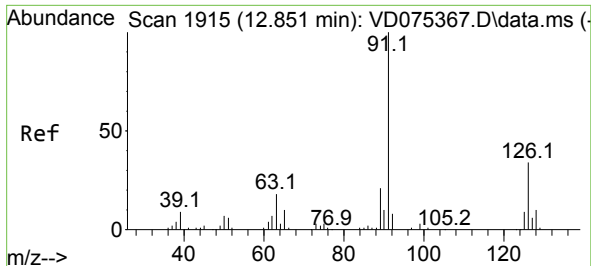
Tgt Ion: 91 Resp: 76085

Ion Ratio Lower Upper

91 100

120 22.6 11.4 34.2

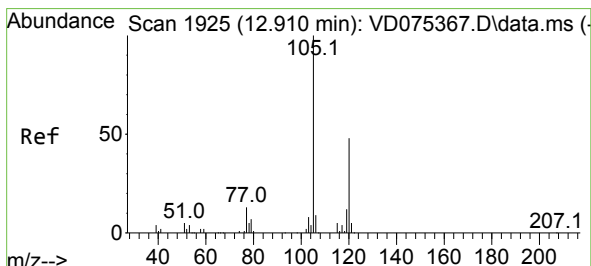
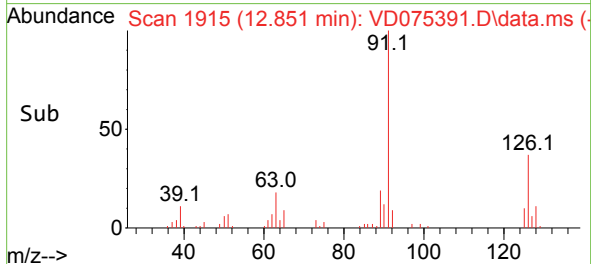
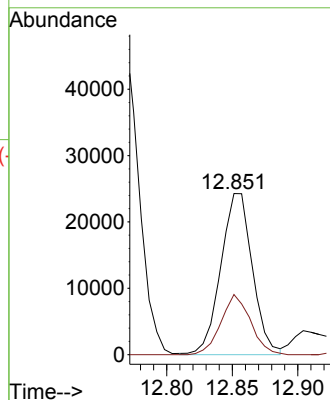
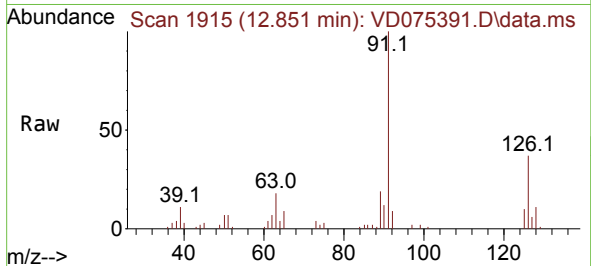




#79
2-Chlorotoluene
Concen: 20.226 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

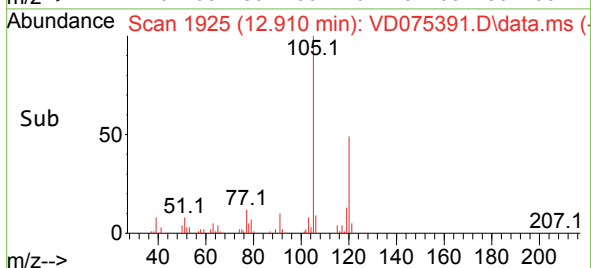
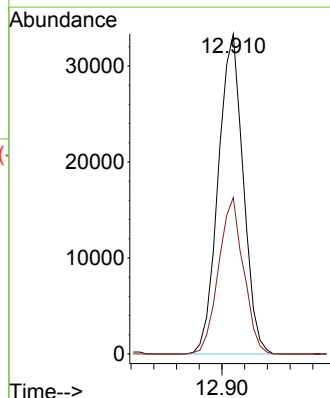
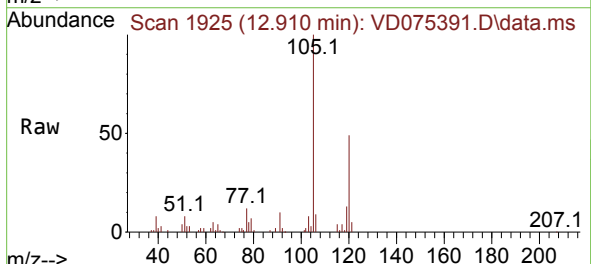
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

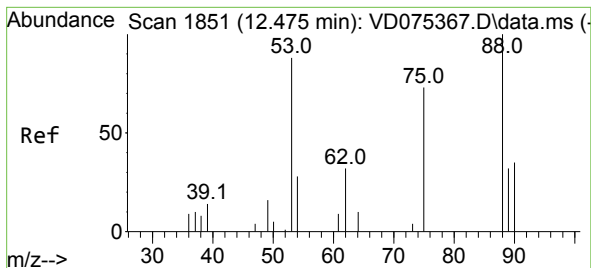
Tgt Ion: 91 Resp: 40791
Ion Ratio Lower Upper
91 100
126 34.9 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 20.564 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 105 Resp: 50797
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

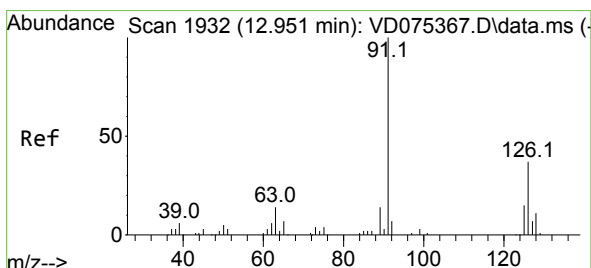
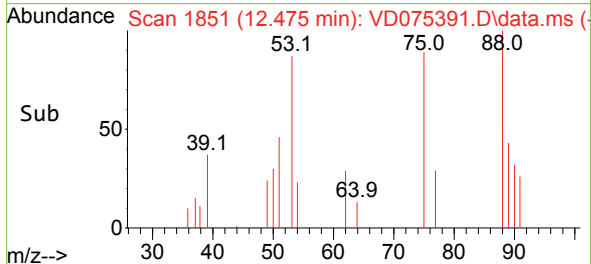
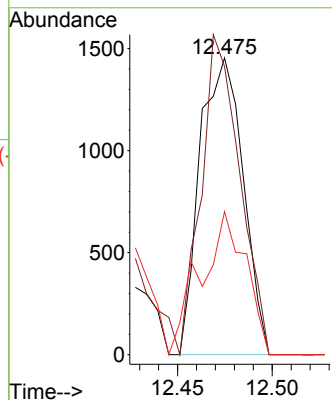
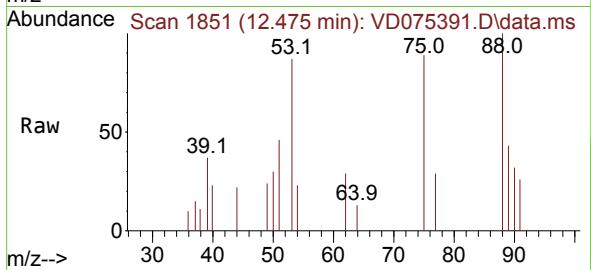




#81
trans-1,4-Dichloro-2-butene
Concen: 22.485 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

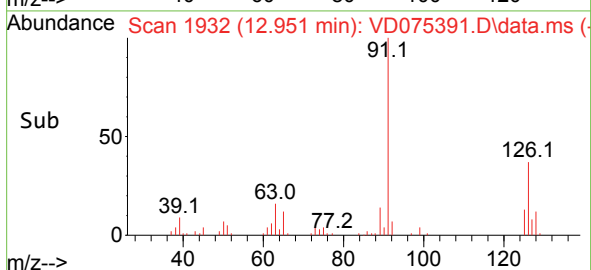
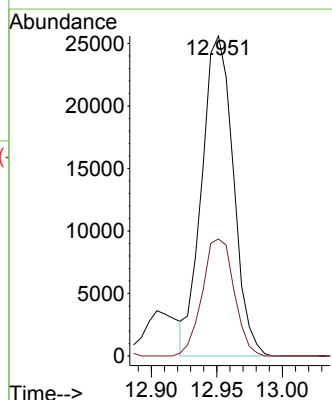
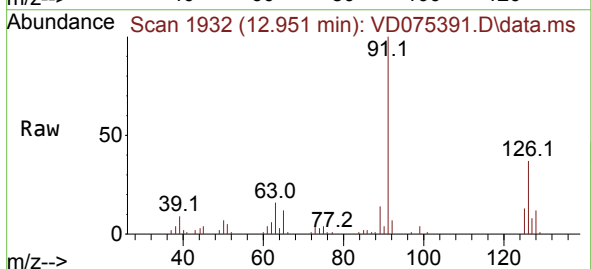
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

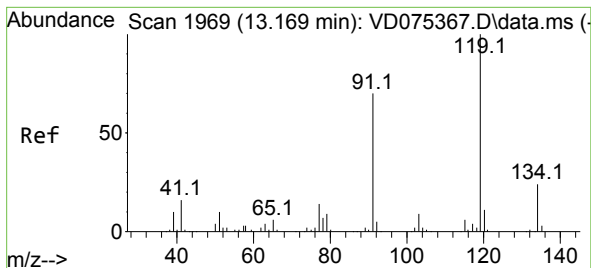
Tgt Ion: 75 Resp: 2309
Ion Ratio Lower Upper
75 100
53 96.2 90.5 135.7
89 50.4 40.2 60.4



#82
4-Chlorotoluene
Concen: 20.163 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 91 Resp: 42901
Ion Ratio Lower Upper
91 100
126 36.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.806 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

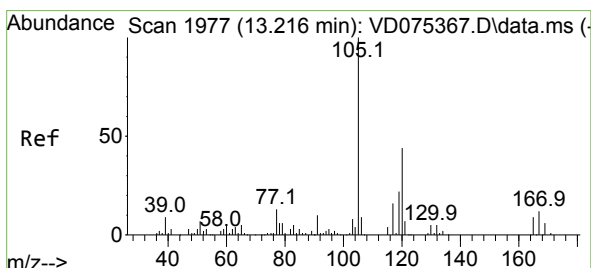
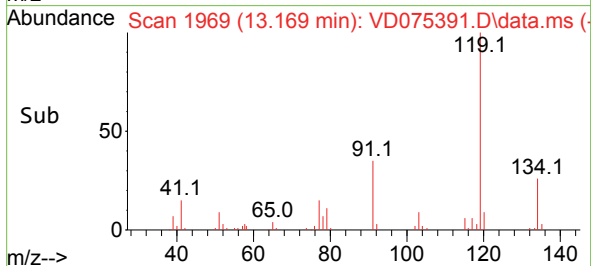
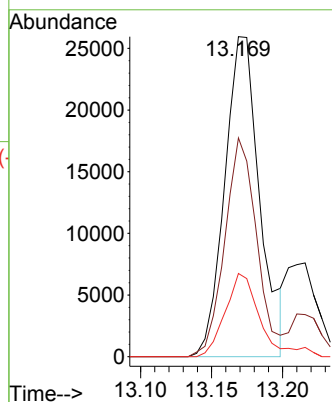
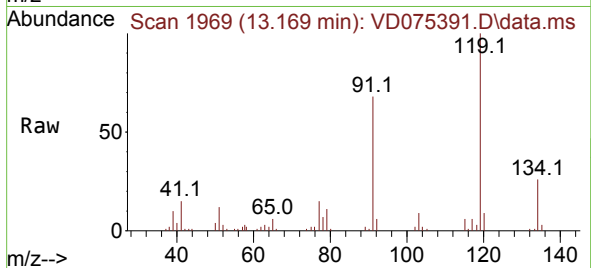
Tgt Ion:119 Resp: 44554

Ion Ratio Lower Upper

119 100

91 62.3 32.4 97.0

134 26.0 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 20.557 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075391.D

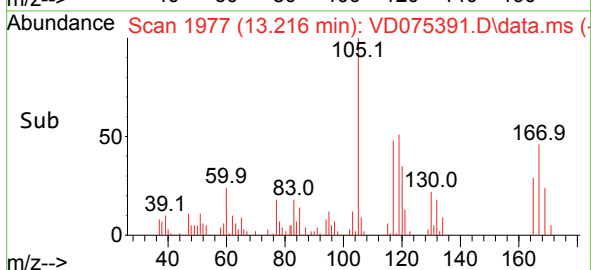
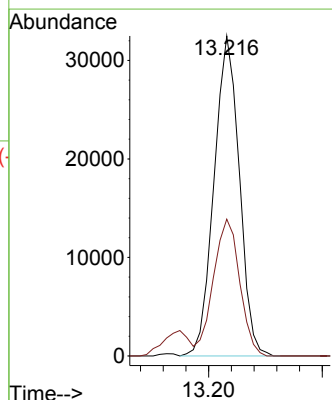
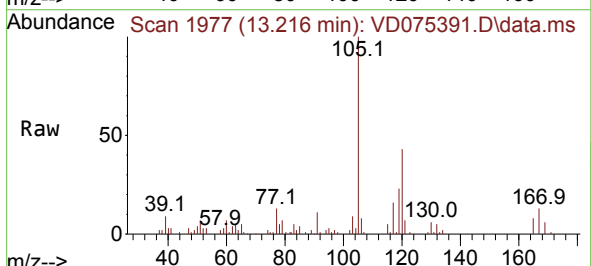
Acq: 21 Feb 2023 20:01

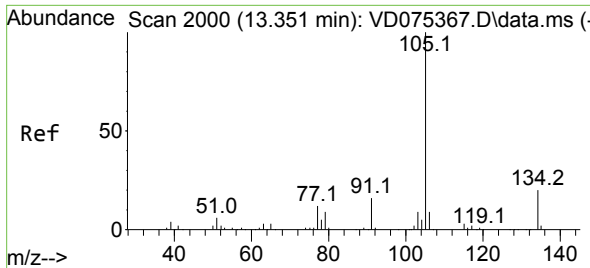
Tgt Ion:105 Resp: 50156

Ion Ratio Lower Upper

105 100

120 44.6 22.3 66.9

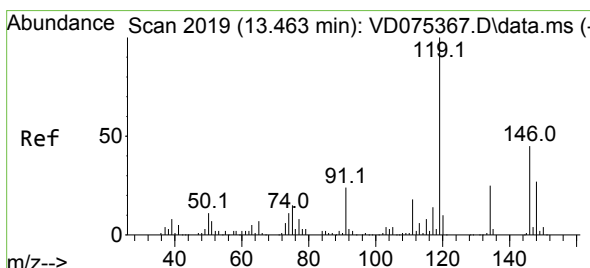
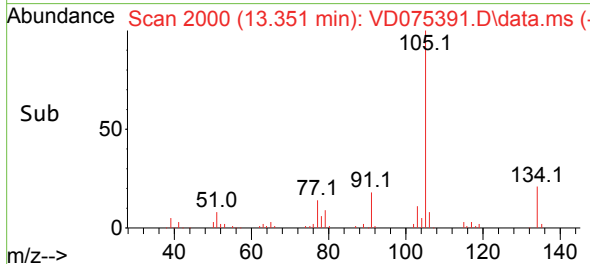
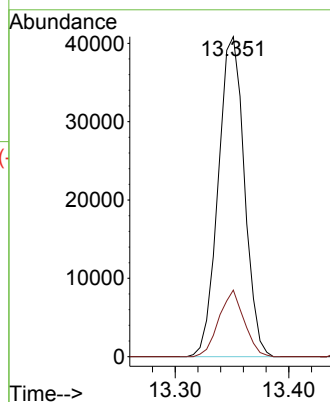
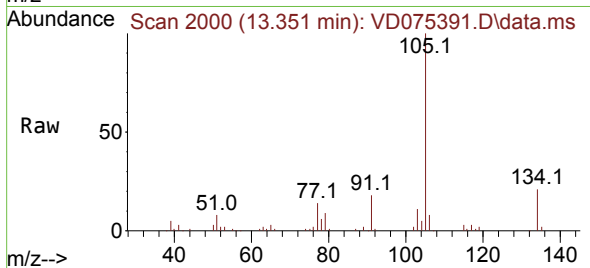




#85
 sec-Butylbenzene
 Concen: 19.809 ug/l
 RT: 13.351 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD075391.D
 Acq: 21 Feb 2023 20:01

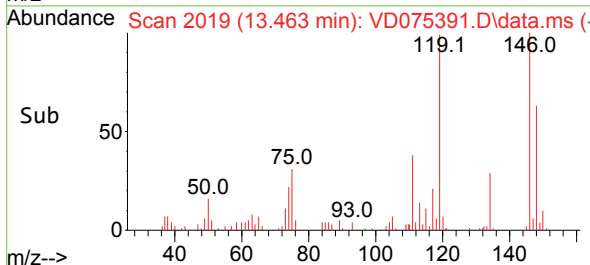
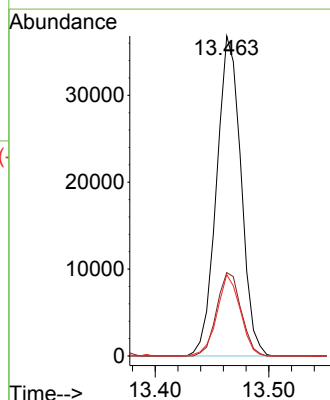
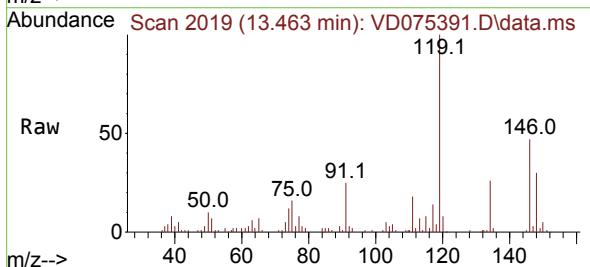
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

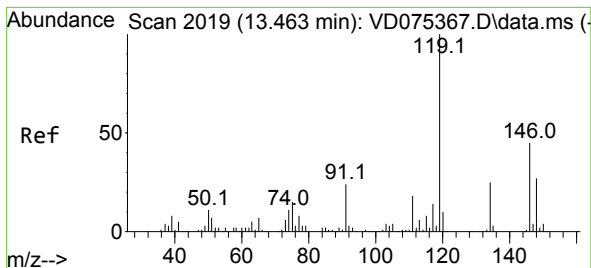
Tgt Ion:105 Resp: 65347
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.505 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075391.D
 Acq: 21 Feb 2023 20:01

Tgt Ion:119 Resp: 54955
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 24.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.372 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

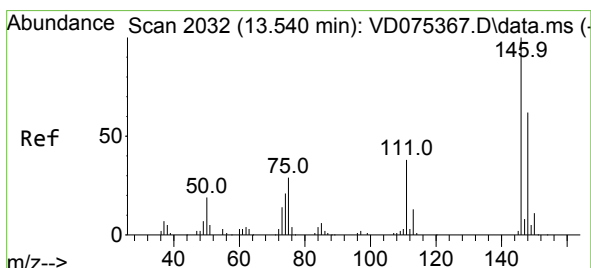
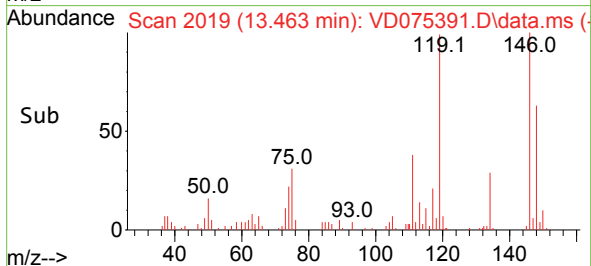
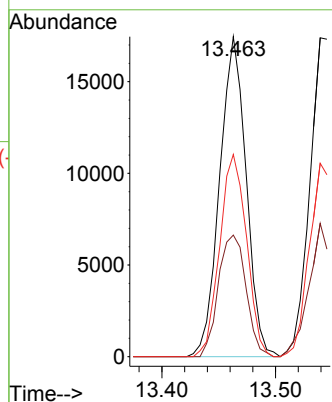
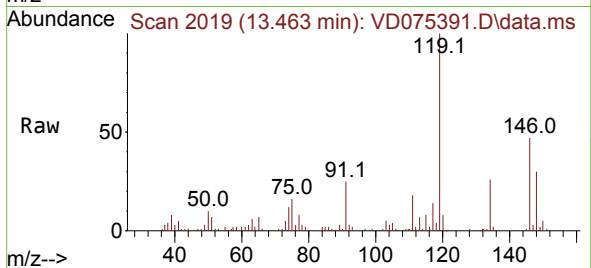
Tgt Ion:146 Resp: 28307

Ion Ratio Lower Upper

146 100

111 39.6 19.8 59.3

148 64.0 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 20.887 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

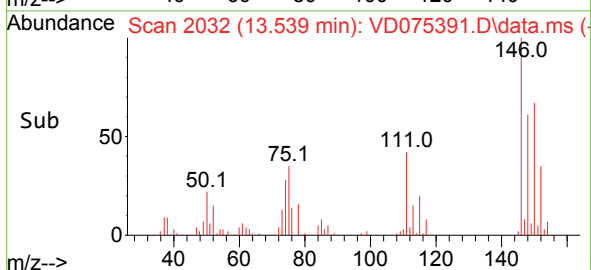
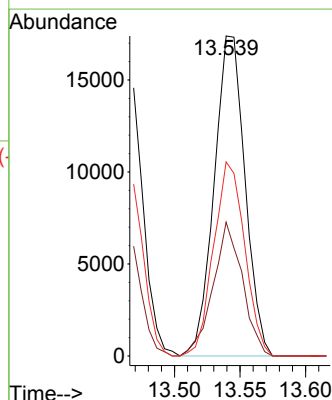
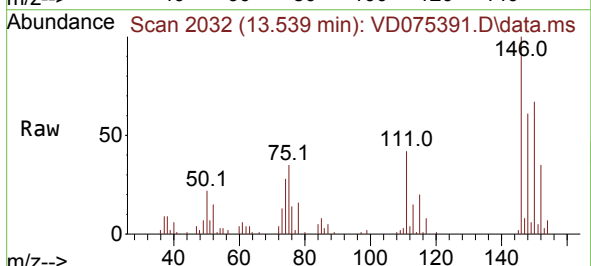
Tgt Ion:146 Resp: 28474

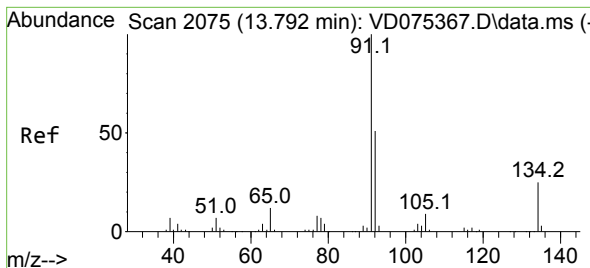
Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.8

148 61.2 31.7 95.1

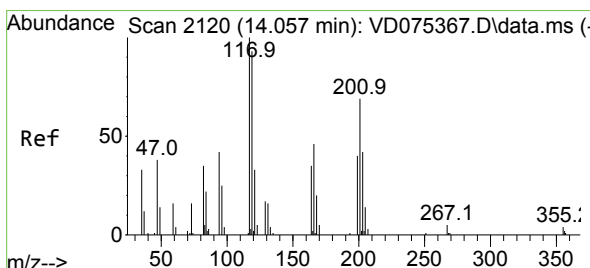
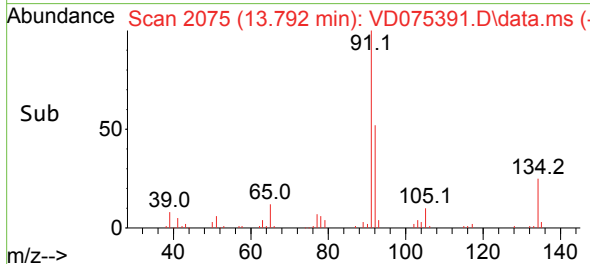
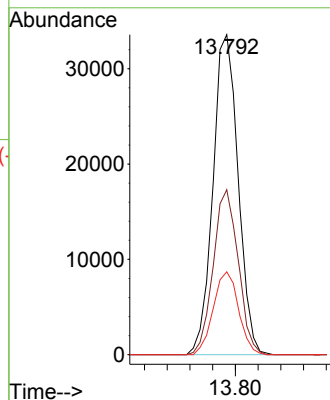
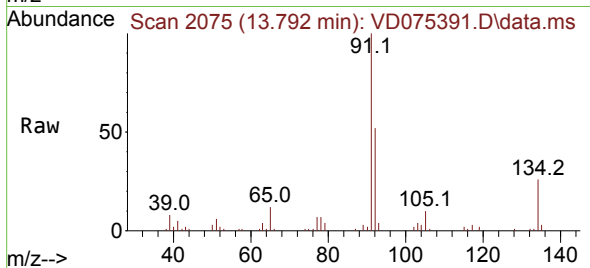




#89
n-Butylbenzene
Concen: 19.578 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

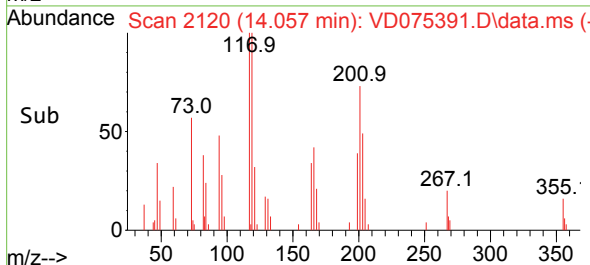
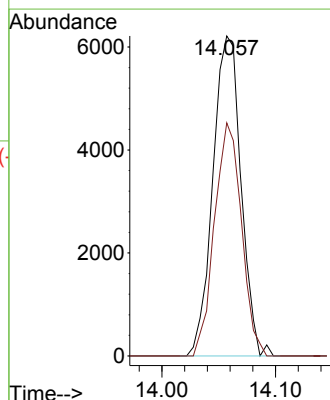
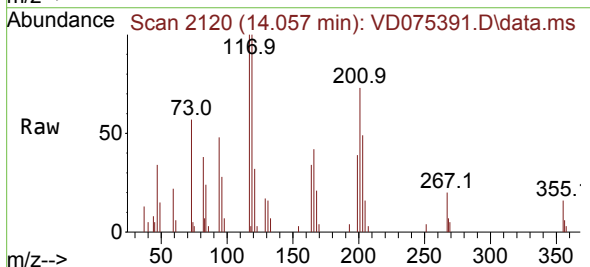
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

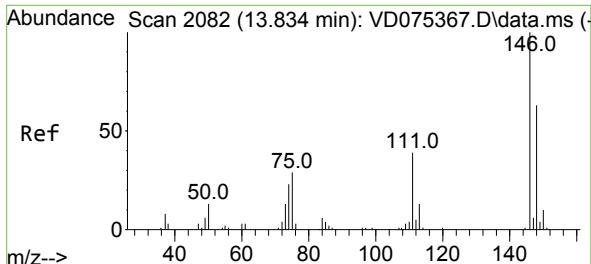
Tgt Ion: 91 Resp: 51617
Ion Ratio Lower Upper
91 100
92 51.2 26.2 78.5
134 26.1 12.7 38.0



#90
Hexachloroethane
Concen: 19.884 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075391.D
Acq: 21 Feb 2023 20:01

Tgt Ion: 117 Resp: 10690
Ion Ratio Lower Upper
117 100
201 70.0 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 20.531 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

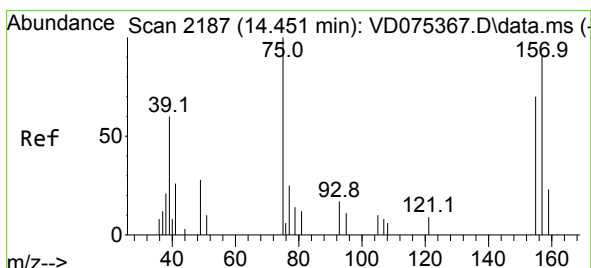
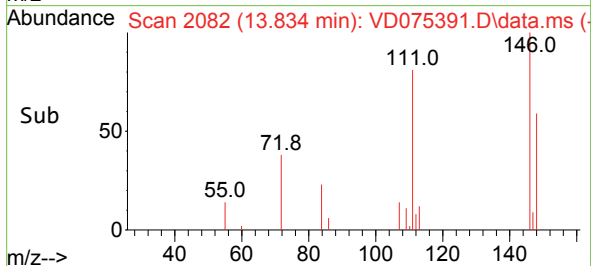
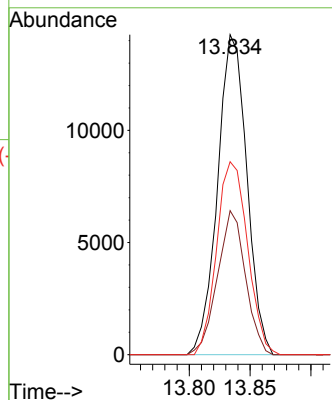
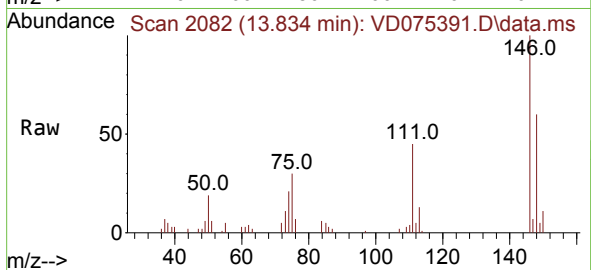
Tgt Ion:146 Resp: 23920

Ion Ratio Lower Upper

146 100

111 43.0 20.6 61.8

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.088 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

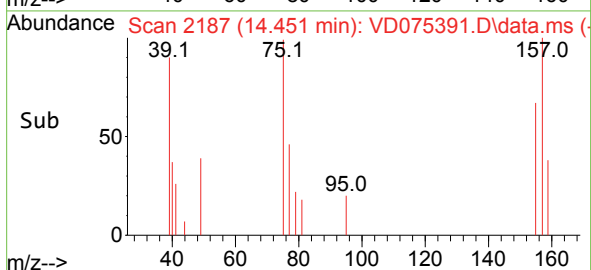
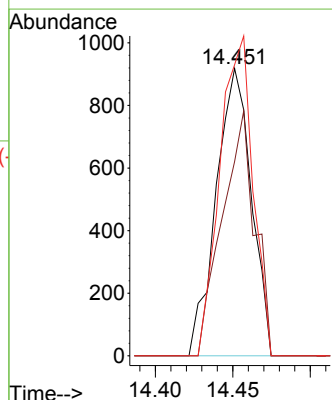
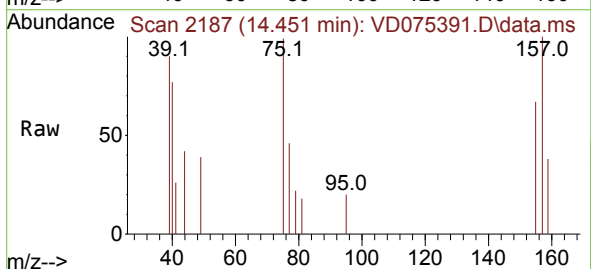
Tgt Ion: 75 Resp: 1450

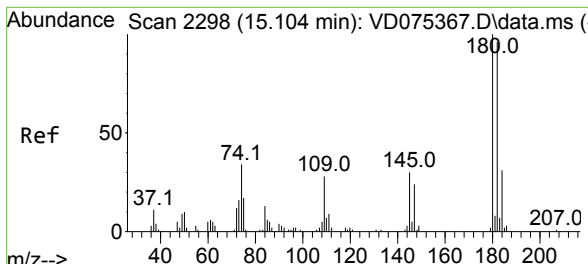
Ion Ratio Lower Upper

75 100

155 78.6 39.5 118.5

157 104.3 53.5 160.7

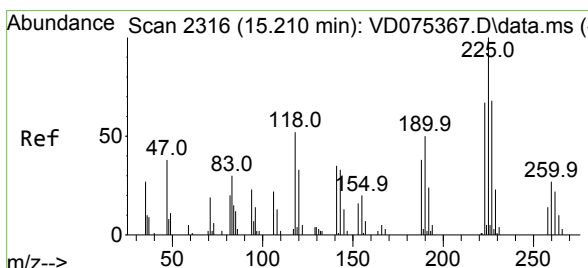
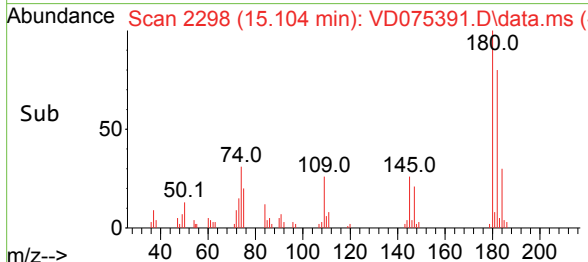
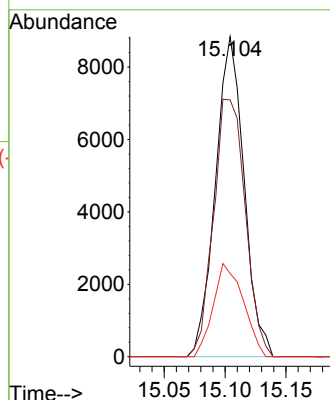
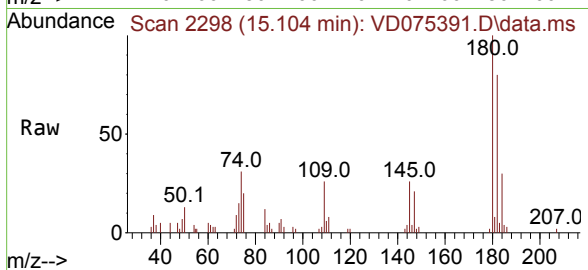




#93
 1,2,4-Trichlorobenzene
 Concen: 20.378 ug/l
 RT: 15.104 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075391.D
 Acq: 21 Feb 2023 20:01

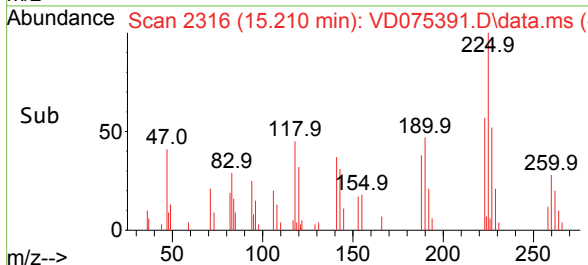
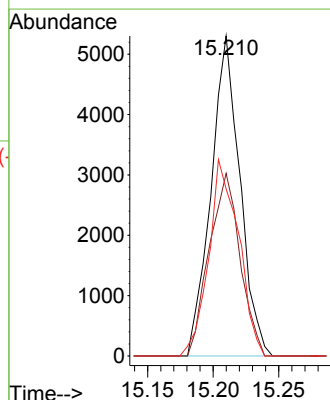
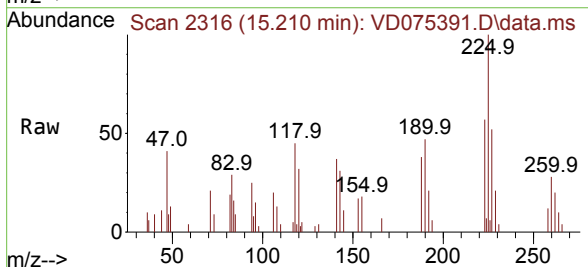
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

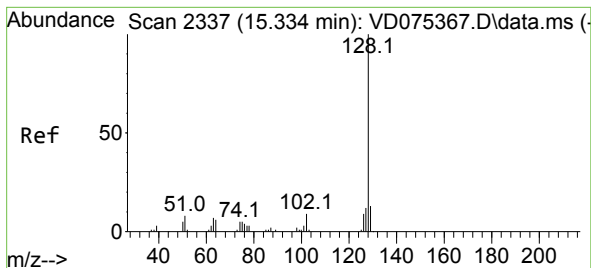
Tgt Ion:180 Resp: 14436
 Ion Ratio Lower Upper
 180 100
 182 89.2 47.9 143.7
 145 30.6 15.9 47.7



#94
 Hexachlorobutadiene
 Concen: 19.824 ug/l
 RT: 15.210 min Scan# 2316
 Delta R.T. -0.000 min
 Lab File: VD075391.D
 Acq: 21 Feb 2023 20:01

Tgt Ion:225 Resp: 8129
 Ion Ratio Lower Upper
 225 100
 223 60.9 33.1 99.2
 227 63.5 31.9 95.9





#95

Naphthalene

Concen: 18.650 ug/l

RT: 15.339 min Scan# 21

Delta R.T. 0.005 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

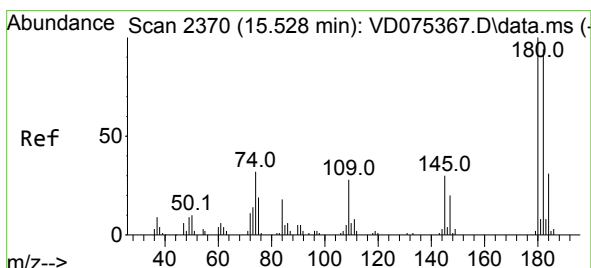
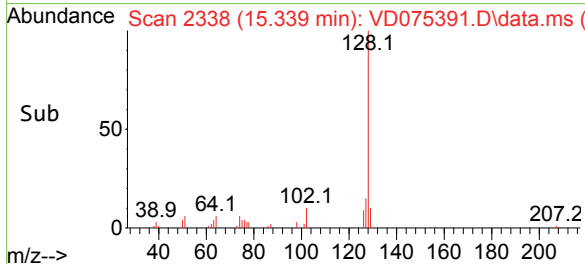
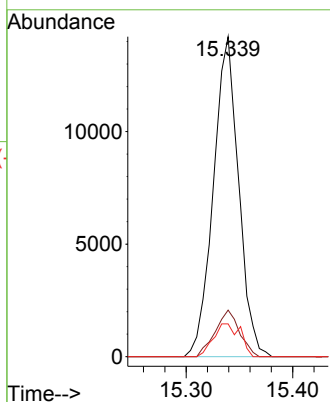
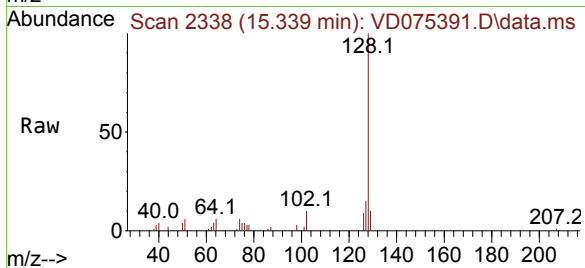
Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

Tgt Ion:	128	Resp:	23374
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.4	15.6
129	11.0	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.951 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. -0.000 min

Lab File: VD075391.D

Acq: 21 Feb 2023 20:01

Tgt Ion:	180	Resp:	11352
Ion Ratio	Lower	Upper	
180	100		
182	98.3	47.7	143.1
145	34.4	16.4	49.4

