

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075336.D
 Acq On : 14 Feb 2023 11:53
 Operator : KP/SY
 Sample : VD0214SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBS01

Quant Time: Feb 15 03:30:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	48558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	80324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	73419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	37476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	27741	48.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.440%
35) Dibromofluoromethane	7.804	113	28440	50.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.269	98	100491	47.047	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.100%
62) 4-Bromofluorobenzene	12.575	95	33765	47.941	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	9610	22.621	ug/l	91
3) Chloromethane	2.146	50	14998	18.807	ug/l	95
4) Vinyl Chloride	2.281	62	15249	18.876	ug/l	96
5) Bromomethane	2.687	94	10166	19.668	ug/l	99
6) Chloroethane	2.834	64	11054	19.835	ug/l	95
7) Trichlorofluoromethane	3.175	101	20779	20.687	ug/l	94
8) Diethyl Ether	3.593	74	5331	19.743	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	11650	20.439	ug/l	98
10) Methyl Iodide	4.163	142	11474	18.318	ug/l	92
11) Tert butyl alcohol	5.045	59	2831	76.343	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	10808	19.887	ug/l	94
13) Acrolein	3.793	56	2352	110.797	ug/l	89
14) Allyl chloride	4.569	41	17832	19.720	ug/l	93
15) Acrylonitrile	5.251	53	12359	93.575	ug/l	95
16) Acetone	4.022	43	13764	91.421	ug/l	92
17) Carbon Disulfide	4.275	76	30182	18.001	ug/l	100
18) Methyl Acetate	4.563	43	8961	20.714	ug/l	97
19) Methyl tert-butyl Ether	5.328	73	24563	19.686	ug/l	93
20) Methylene Chloride	4.798	84	15489	20.907	ug/l	98
21) trans-1,2-Dichloroethene	5.310	96	12239	19.901	ug/l	93
22) Diisopropyl ether	6.222	45	37238	20.704	ug/l #	93
23) Vinyl Acetate	6.157	43	60026m	109.734	ug/l	
24) 1,1-Dichloroethane	6.110	63	23176	20.668	ug/l	98
25) 2-Butanone	7.087	43	16581	88.882	ug/l	92
26) 2,2-Dichloropropane	7.081	77	20263	20.415	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	13837	20.110	ug/l	96
28) Bromochloromethane	7.434	49	6646	21.492	ug/l #	93
29) Tetrahydrofuran	7.451	42	10022	99.766	ug/l	95
30) Chloroform	7.598	83	23660	20.500	ug/l	94
31) Cyclohexane	7.881	56	18486	18.284	ug/l	95
32) 1,1,1-Trichloroethane	7.798	97	21139	20.476	ug/l	96
36) 1,1-Dichloropropene	8.010	75	16588	18.906	ug/l	98
37) Ethyl Acetate	7.163	43	7682	20.076	ug/l #	94
38) Carbon Tetrachloride	7.987	117	17433	21.443	ug/l #	96
39) Methylcyclohexane	9.275	83	18638	18.353	ug/l	95
40) Benzene	8.251	78	49814	20.201	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	4762	20.862	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	14662	20.537	ug/l	98
43) Isopropyl Acetate	8.363	43	14198	19.418	ug/l	98
44) Trichloroethene	9.034	130	13051	19.200	ug/l	95
45) 1,2-Dichloropropane	9.304	63	12255	19.569	ug/l	90
46) Dibromomethane	9.398	93	6885	19.839	ug/l	98
47) Bromodichloromethane	9.586	83	17927	20.755	ug/l	97
48) Methyl methacrylate	9.381	41	6315	18.187	ug/l #	92
49) 1,4-Dioxane	9.386	88	1293	401.843	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	35968	97.305	ug/l	95
52) Toluene	10.333	92	30959	19.933	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	15244	20.375	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	17335	19.380	ug/l	95
55) 1,1,2-Trichloroethane	10.733	97	9502	21.448	ug/l	96
56) Ethyl methacrylate	10.604	69	9829	19.084	ug/l	90
57) 1,3-Dichloropropane	10.886	76	15652	20.739	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	12976	97.599	ug/l	99
59) 2-Hexanone	10.922	43	25074	92.848	ug/l	93
60) Dibromochloromethane	11.080	129	12400	22.591	ug/l	92
61) 1,2-Dibromoethane	11.180	107	8660	20.273	ug/l	97
64) Tetrachloroethene	10.816	164	11123	19.671	ug/l	93
65) Chlorobenzene	11.610	112	33448	20.201	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.686	131	12479	20.701	ug/l	97
67) Ethyl Benzene	11.686	91	58540	19.151	ug/l	98
68) m/p-Xylenes	11.792	106	46386	39.893	ug/l	100
69) o-Xylene	12.122	106	20989	19.325	ug/l	98
70) Styrene	12.139	104	36733	19.965	ug/l	98
71) Bromoform	12.298	173	6258	19.327	ug/l #	98
73) Isopropylbenzene	12.422	105	56440	18.590	ug/l	100
74) N-amyl acetate	12.239	43	12281	18.001	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	10452	19.788	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	6812m	16.003	ug/l	
77) Bromobenzene	12.704	156	13605	19.790	ug/l	96
78) n-propylbenzene	12.769	91	73190	19.374	ug/l	99
79) 2-Chlorotoluene	12.851	91	40333	19.465	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	49143	19.440	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	2141	17.737	ug/l #	77
82) 4-Chlorotoluene	12.951	91	41995	19.428	ug/l	99
83) tert-Butylbenzene	13.169	119	40300	18.492	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	49144	19.464	ug/l	96
85) sec-Butylbenzene	13.351	105	63727	19.061	ug/l	99
86) p-Isopropyltoluene	13.463	119	53364	19.513	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	27979	20.136	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	27617	19.863	ug/l	99
89) n-Butylbenzene	13.792	91	50529	18.925	ug/l	98
90) Hexachloroethane	14.057	117	10771	19.977	ug/l	91
91) 1,2-Dichlorobenzene	13.833	146	24112	19.999	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1700	20.751	ug/l	83
93) 1,2,4-Trichlorobenzene	15.104	180	14268	18.895	ug/l	97
94) Hexachlorobutadiene	15.210	225	8150	20.458	ug/l	97
95) Naphthalene	15.333	128	26113	18.580	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	12228	18.769	ug/l	97

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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

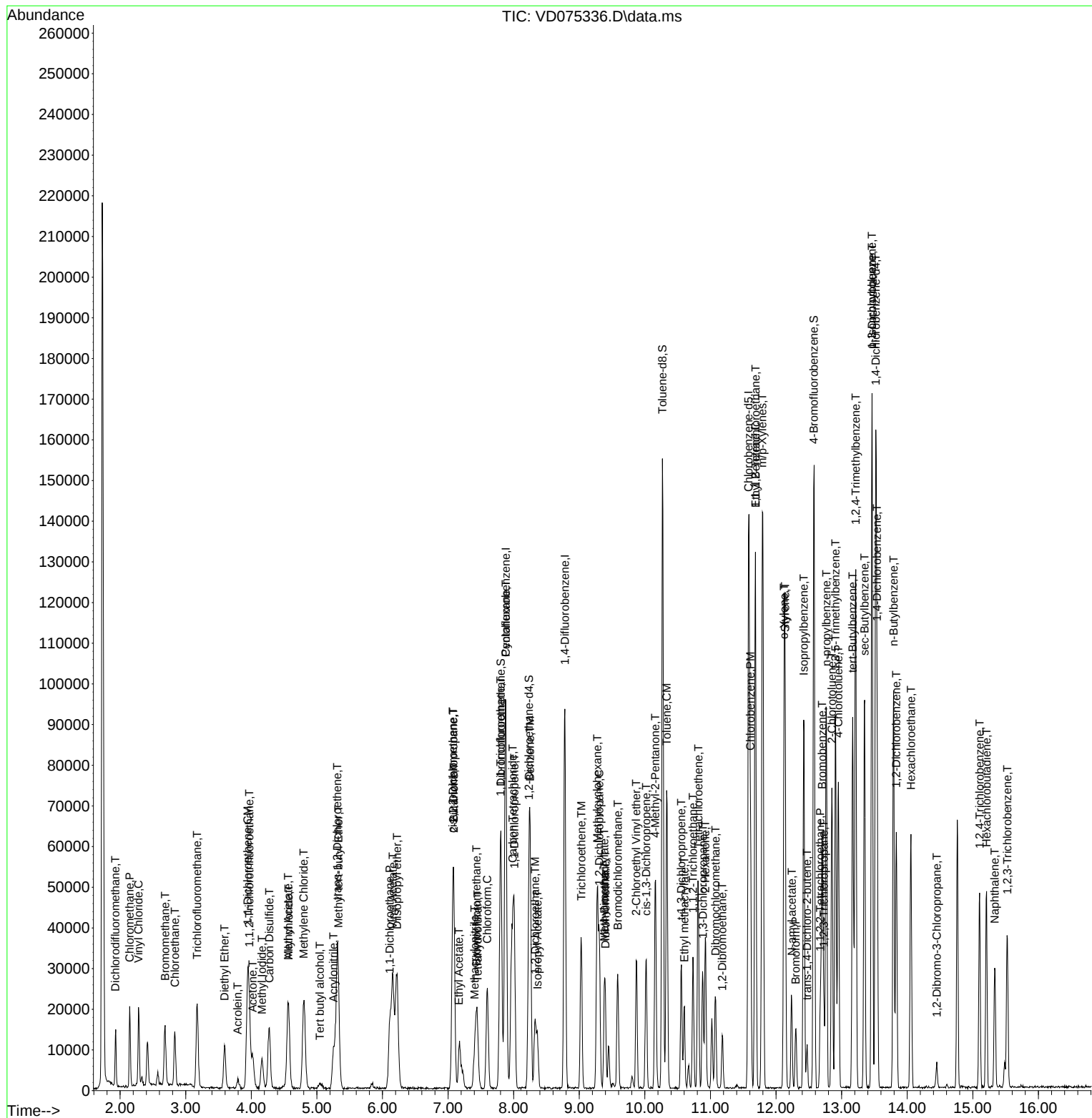
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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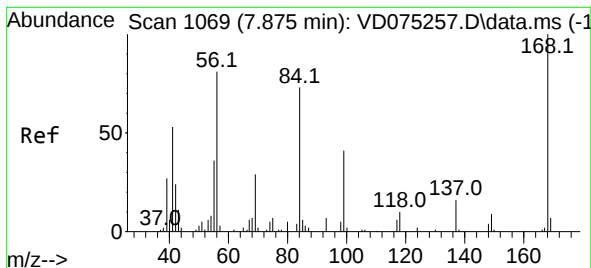
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

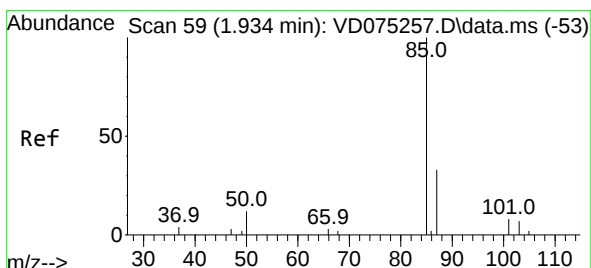
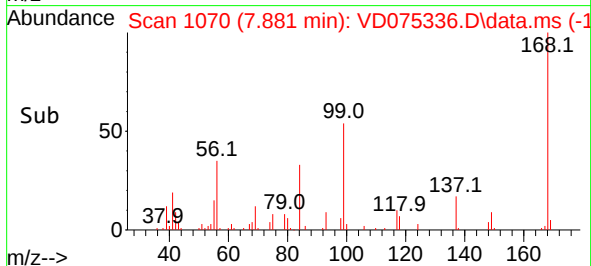
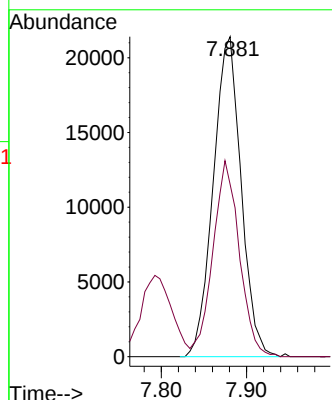
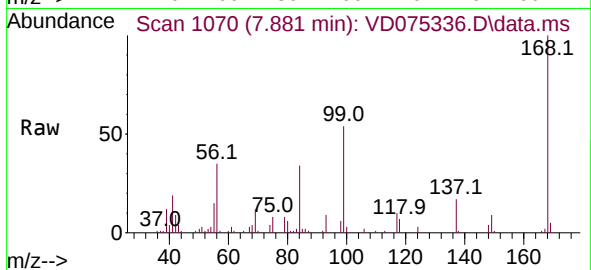
VD0214SBSD01

Tgt Ion:168 Resp: 48558

Ion Ratio Lower Upper

168 100

99 53.8 45.2 67.8



#2

Dichlorodifluoromethane

Concen: 22.621 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD075336.D

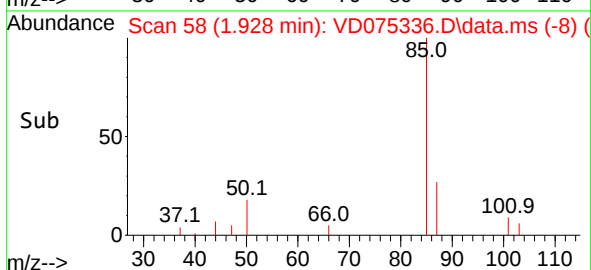
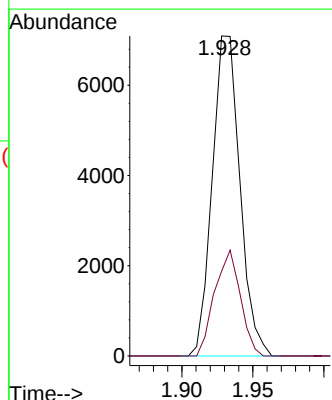
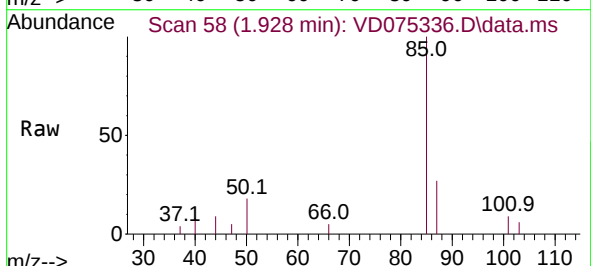
Acq: 14 Feb 2023 11:53

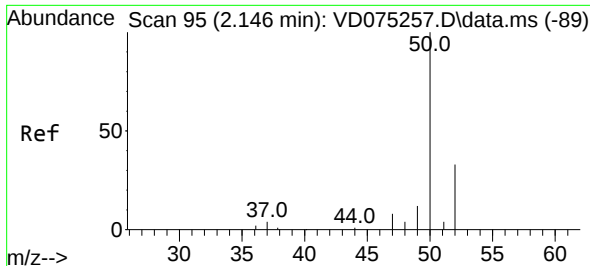
Tgt Ion: 85 Resp: 9610

Ion Ratio Lower Upper

85 100

87 26.5 15.7 47.0

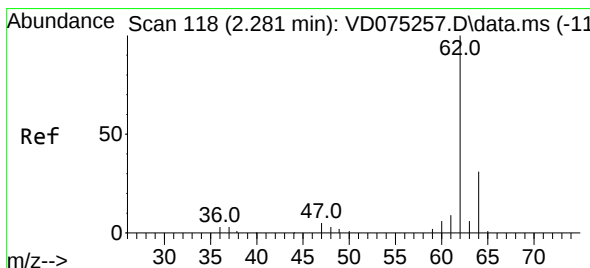
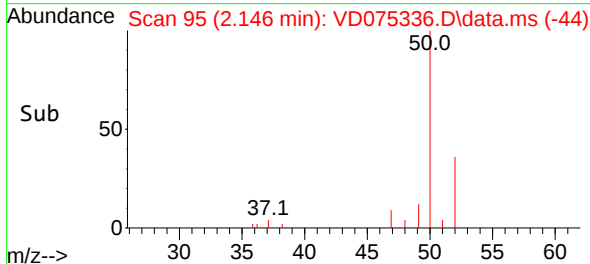
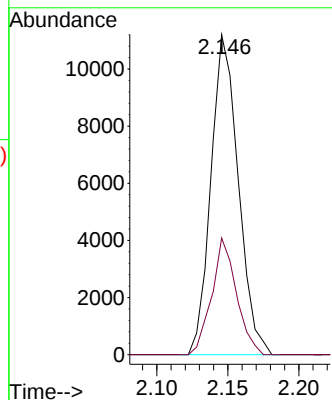
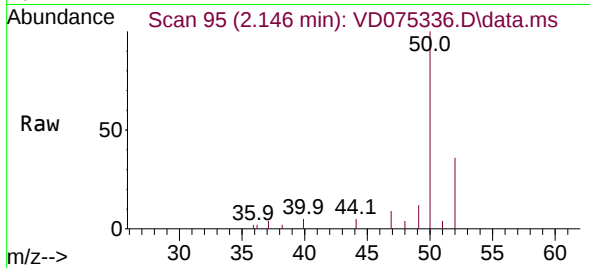




#3
Chloromethane
Concen: 18.807 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

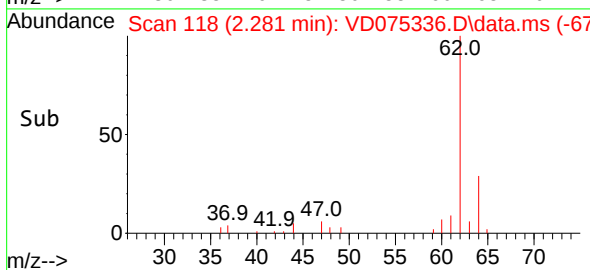
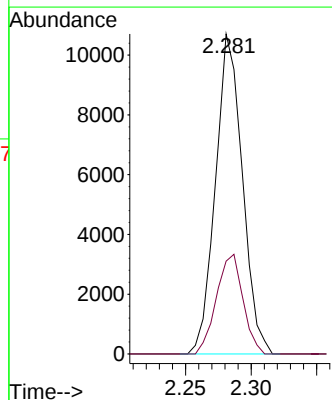
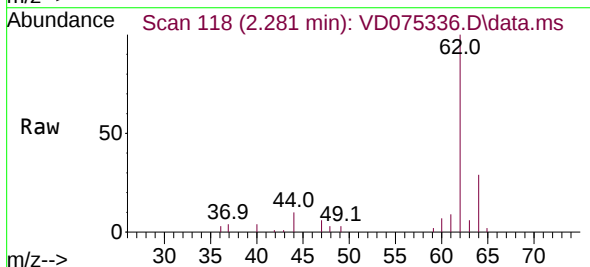
Instrument :
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ClientSampleId :
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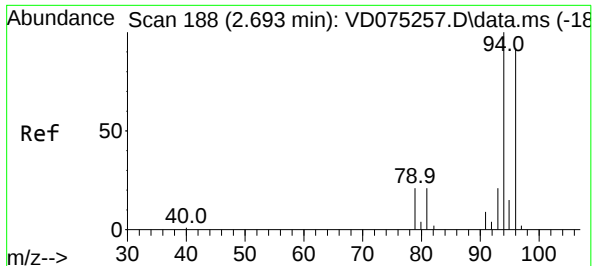
Tgt Ion: 50 Resp: 14998
Ion Ratio Lower Upper
50 100
52 36.5 27.0 40.6



#4
Vinyl Chloride
Concen: 18.876 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 62 Resp: 15249
Ion Ratio Lower Upper
62 100
64 29.0 24.8 37.2

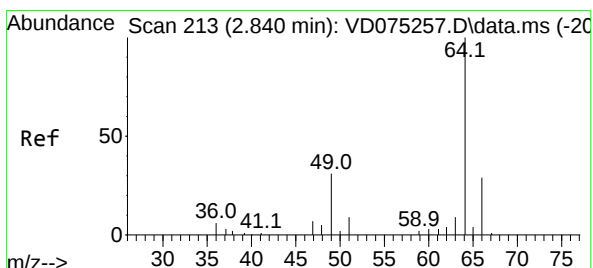
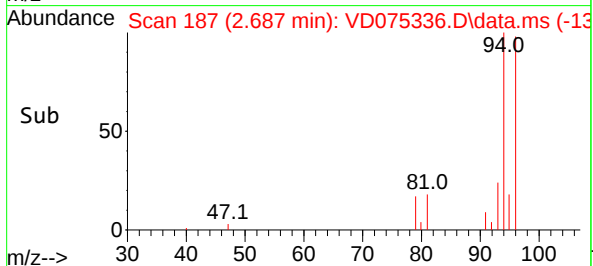
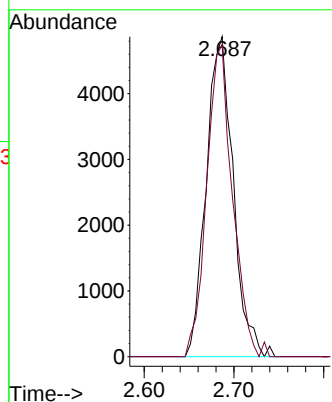
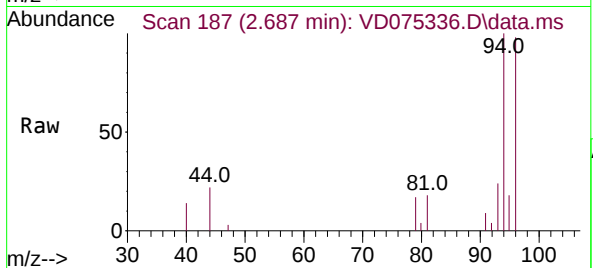




#5
Bromomethane
Concen: 19.668 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

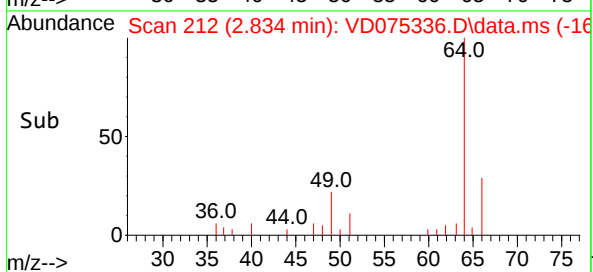
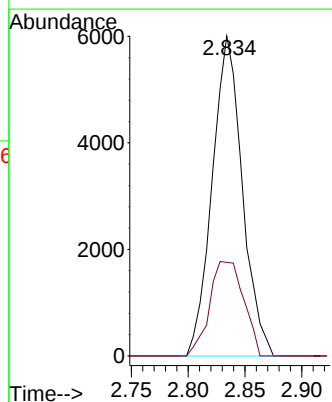
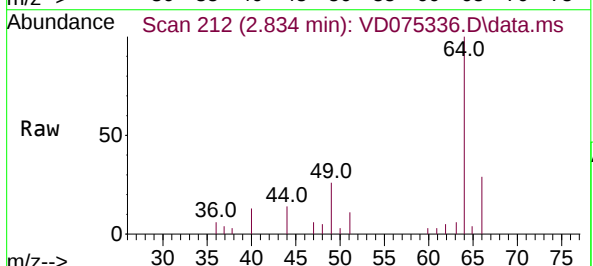
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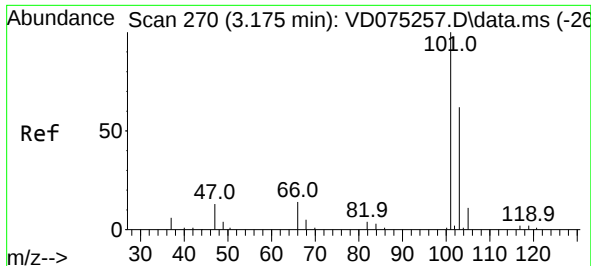
Tgt Ion: 94 Resp: 10166
Ion Ratio Lower Upper
94 100
96 92.6 74.8 112.2



#6
Chloroethane
Concen: 19.835 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 64 Resp: 11054
Ion Ratio Lower Upper
64 100
66 29.2 25.4 38.2

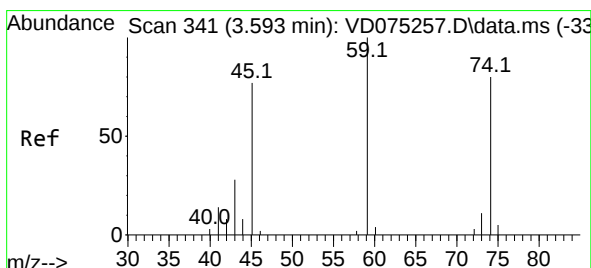
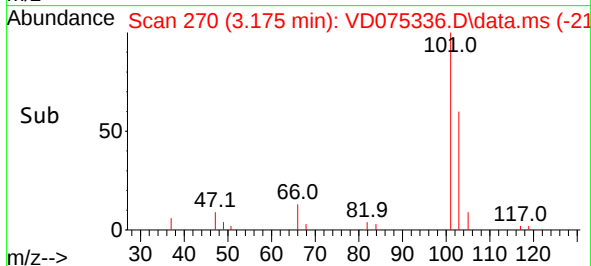
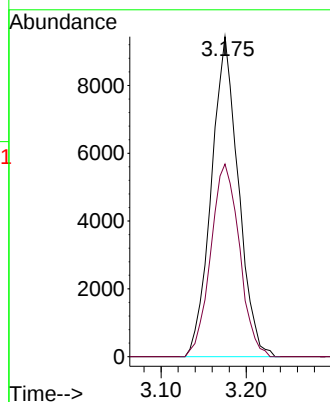
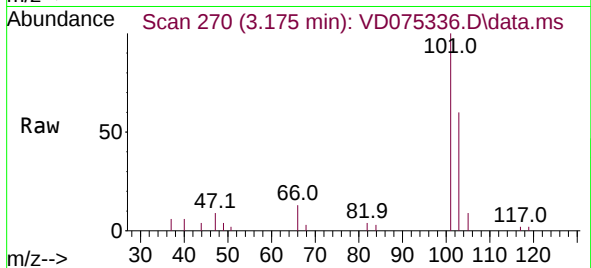




#7
Trichlorofluoromethane
Concen: 20.687 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

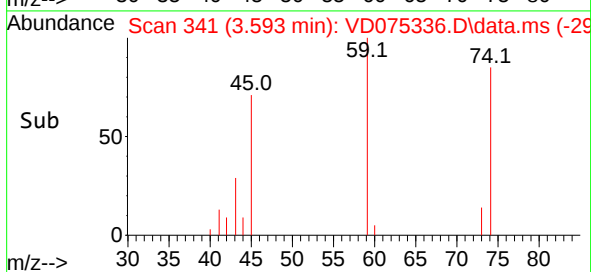
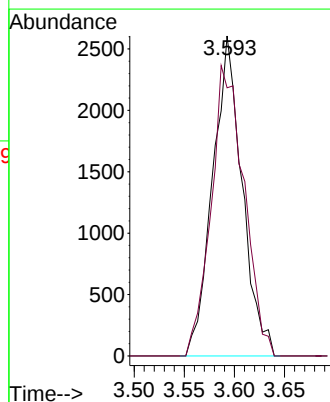
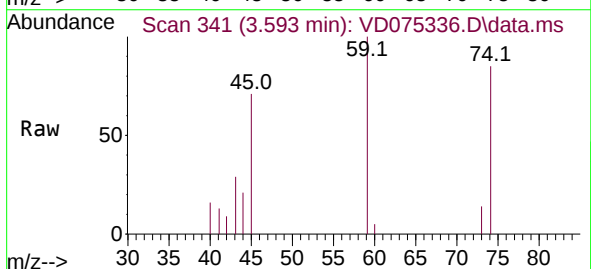
Instrument :
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VD0214SBSD01

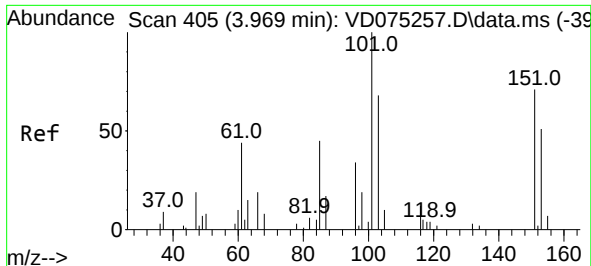
Tgt Ion:101 Resp: 20779
Ion Ratio Lower Upper
101 100
103 60.2 52.2 78.4



#8
Diethyl Ether
Concen: 19.743 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 74 Resp: 5331
Ion Ratio Lower Upper
74 100
45 101.7 49.8 149.3

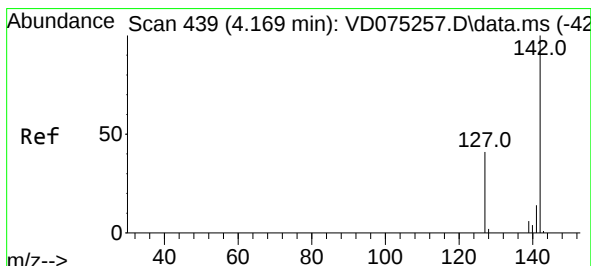
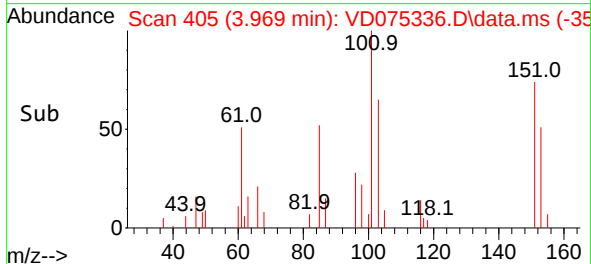
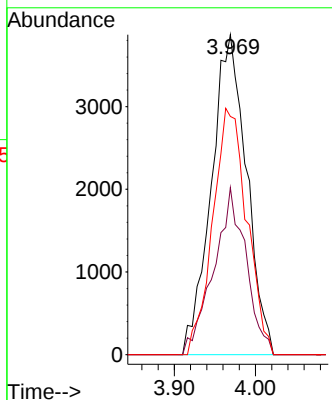
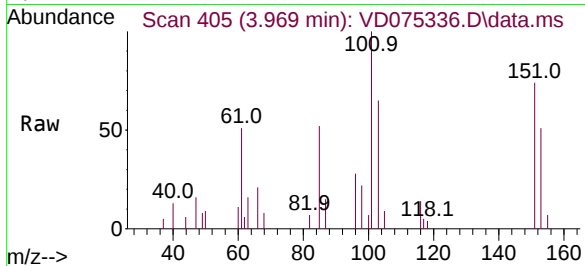




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.439 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

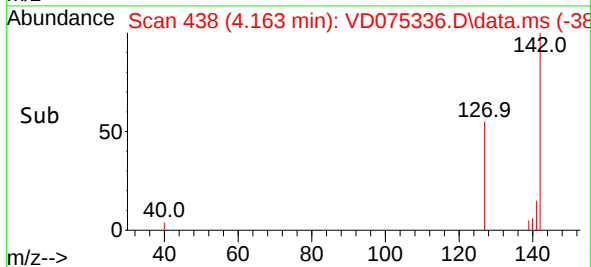
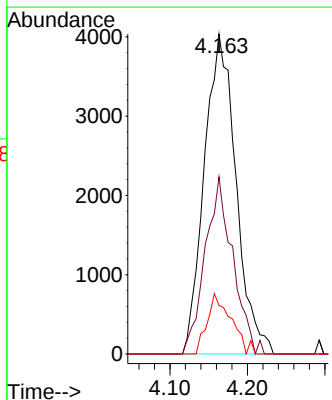
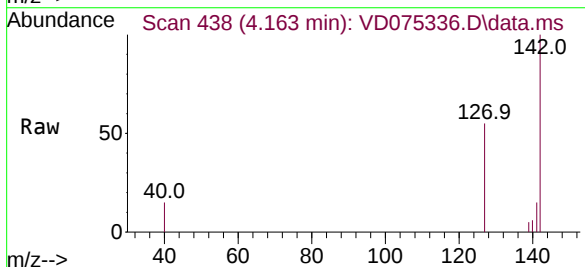
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

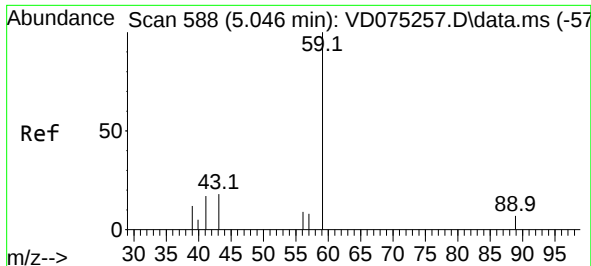
Tgt Ion:101 Resp: 11650
Ion Ratio Lower Upper
101 100
85 47.9 36.9 55.3
151 74.7 58.9 88.3



#10
Methyl Iodide
Concen: 18.318 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion:142 Resp: 11474
Ion Ratio Lower Upper
142 100
127 48.3 33.6 50.4
141 14.3 11.1 16.7

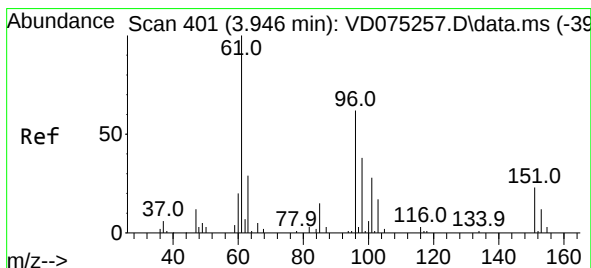
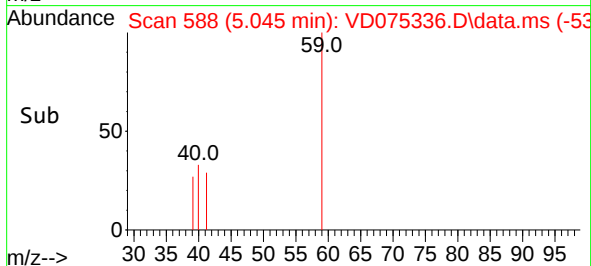
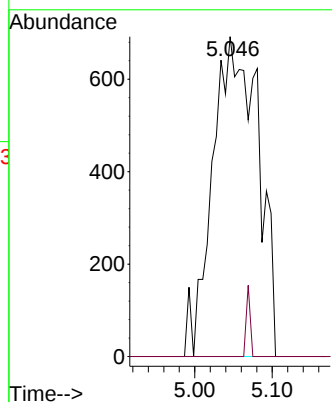
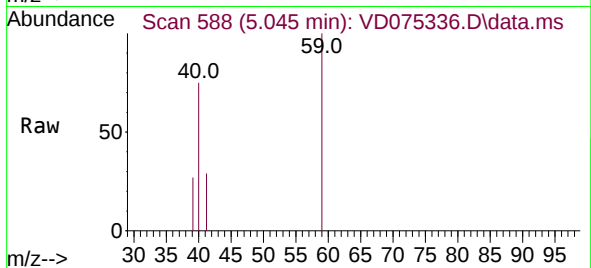




#11
Tert butyl alcohol
Concen: 76.343 ug/l
RT: 5.045 min Scan# 588
Delta R.T. -0.001 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

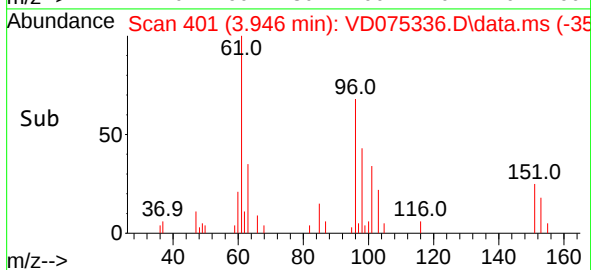
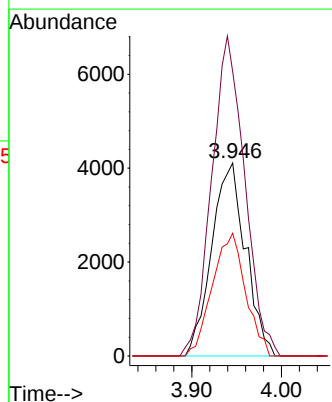
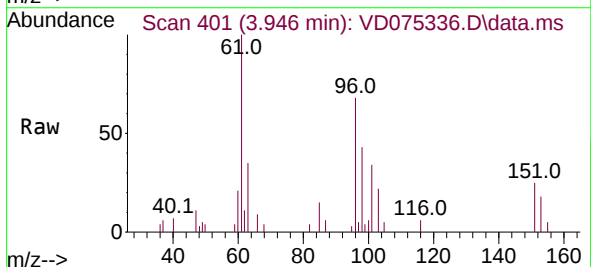
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

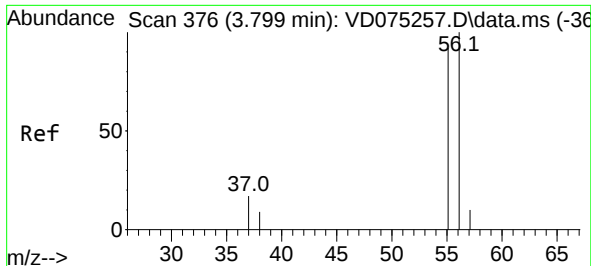
Tgt Ion: 59 Resp: 2831
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 19.887 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 96 Resp: 10808
Ion Ratio Lower Upper
96 100
61 147.3 126.8 190.2
98 63.6 50.4 75.6

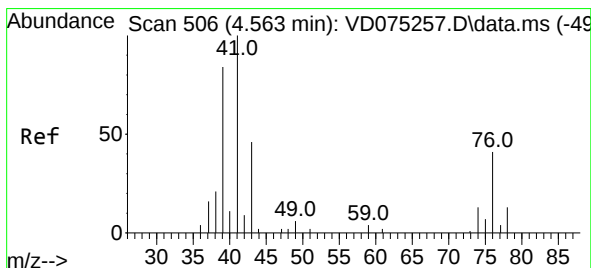
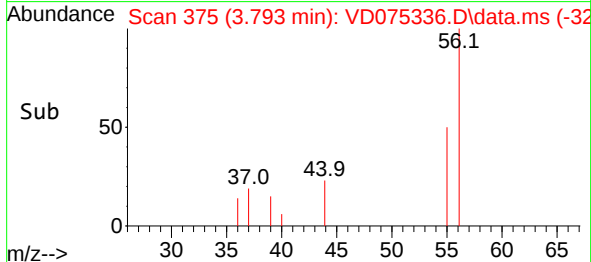
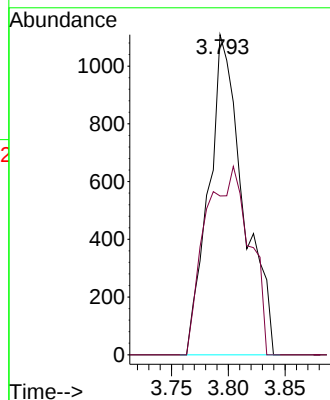
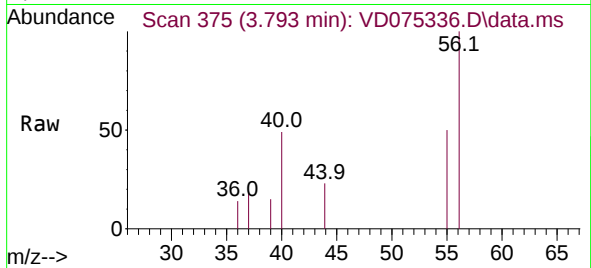




#13
Acrolein
Concen: 110.797 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

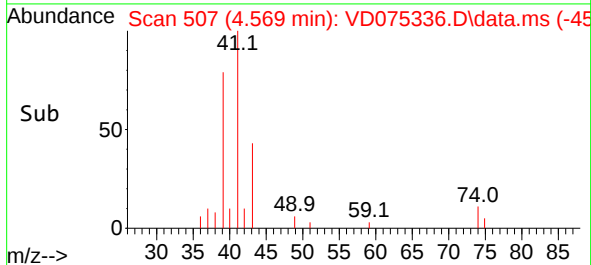
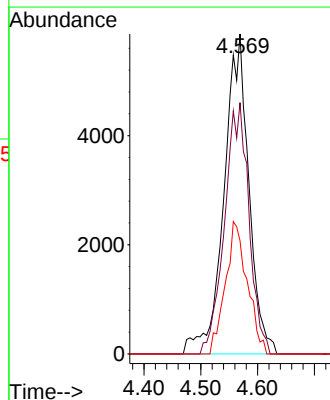
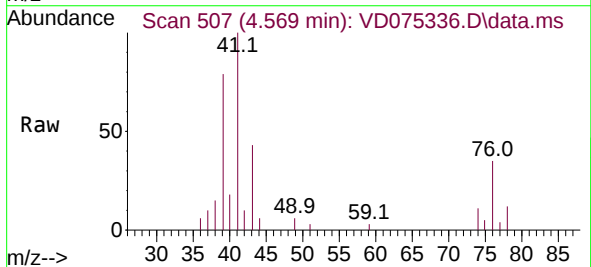
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

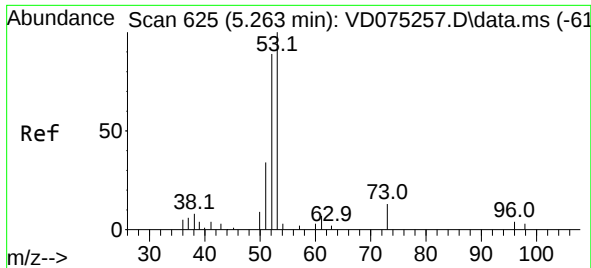
Tgt Ion: 56 Resp: 2352
Ion Ratio Lower Upper
56 100
55 75.3 53.0 79.6



#14
Allyl chloride
Concen: 19.720 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 41 Resp: 17832
Ion Ratio Lower Upper
41 100
39 76.9 55.4 83.0
76 36.3 30.2 45.2

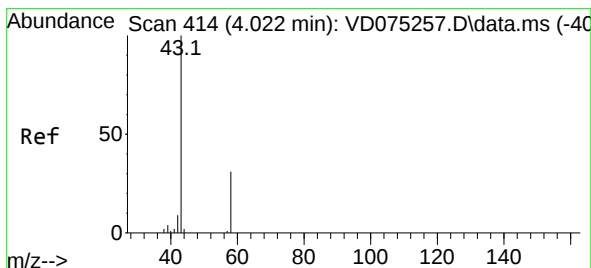
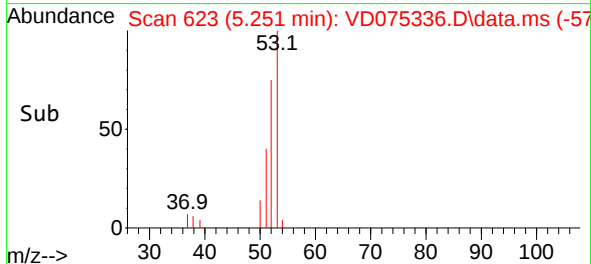
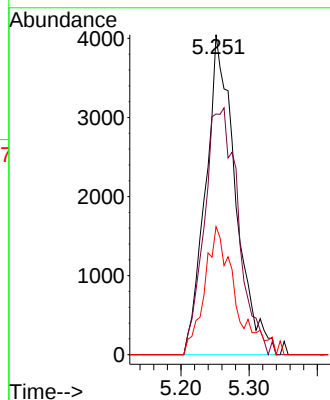
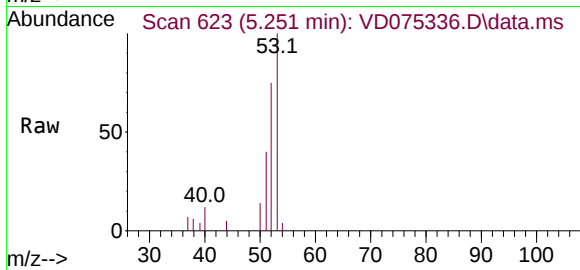




#15
Acrylonitrile
Concen: 93.575 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

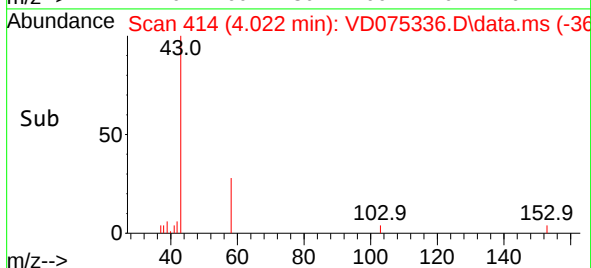
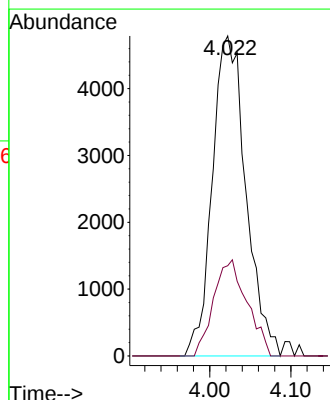
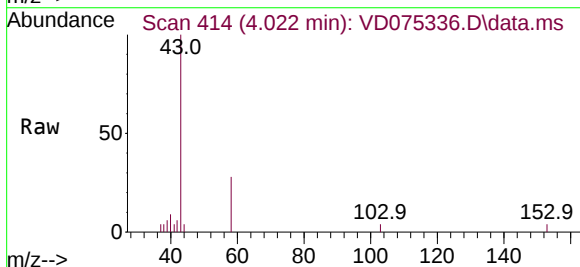
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

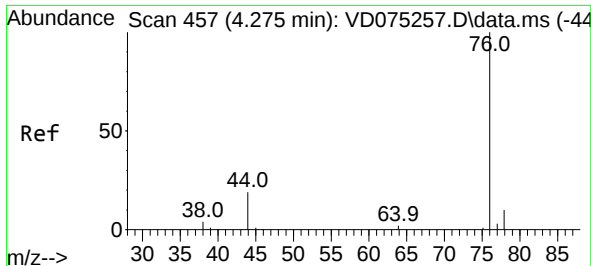
Tgt Ion: 53	Resp:	12359	
Ion	Ratio	Lower	Upper
53	100		
52	87.7	67.0	100.6
51	41.7	30.1	45.1



#16
Acetone
Concen: 91.421 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 43	Resp: 13764
Ion Ratio	Lower Upper
43 100	
58 28.2	26.0 39.0

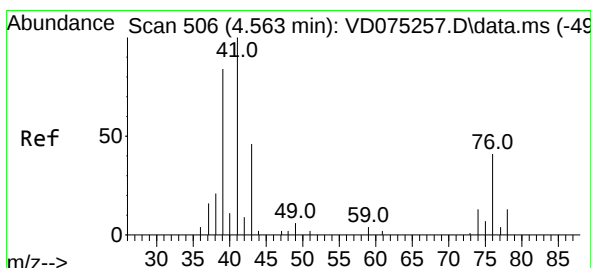
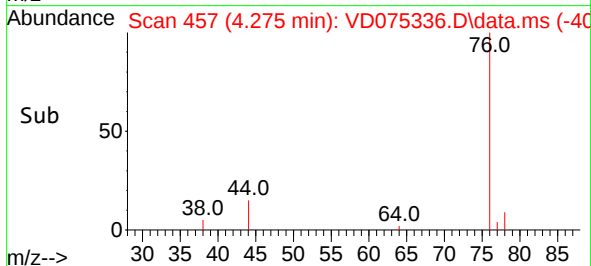
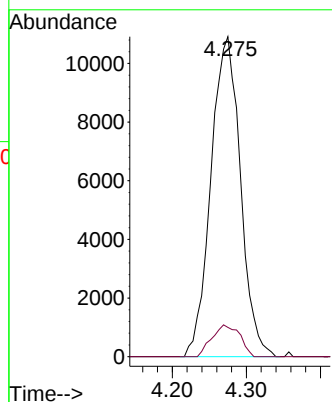
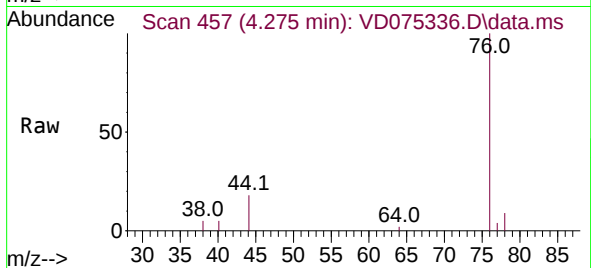




#17
Carbon Disulfide
Concen: 18.001 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

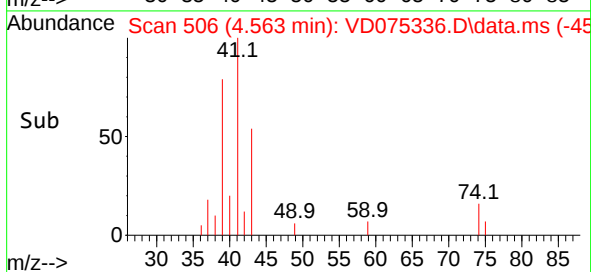
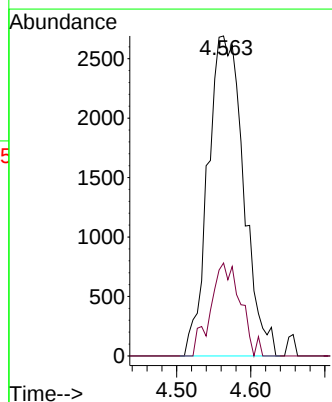
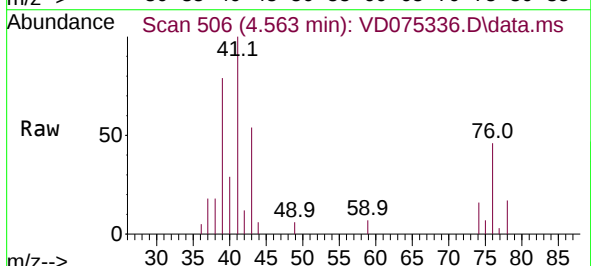
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

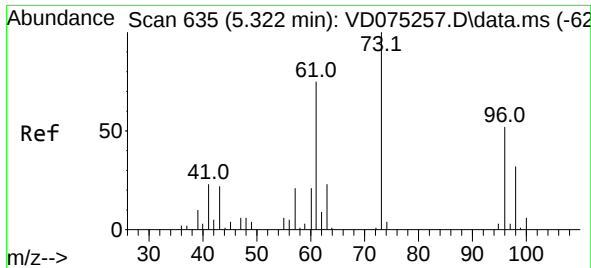
Tgt Ion: 76 Resp: 30182
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 20.714 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 43 Resp: 8961
Ion Ratio Lower Upper
43 100
74 24.4 18.5 27.7

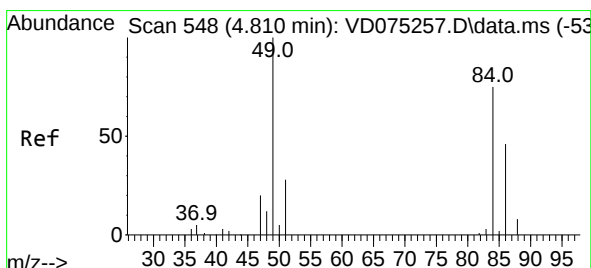
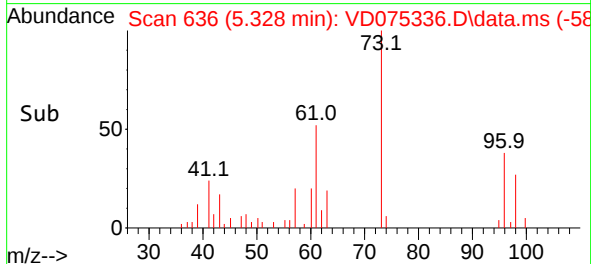
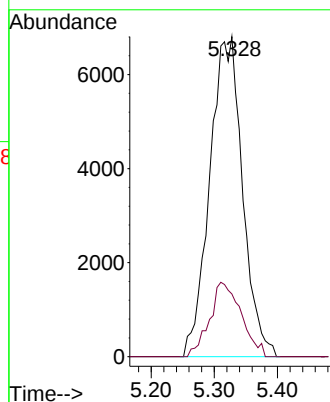
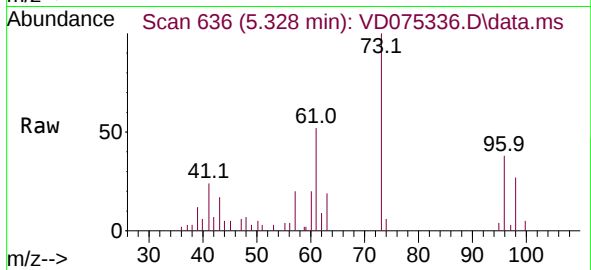




#19
Methyl tert-butyl Ether
Concen: 19.686 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

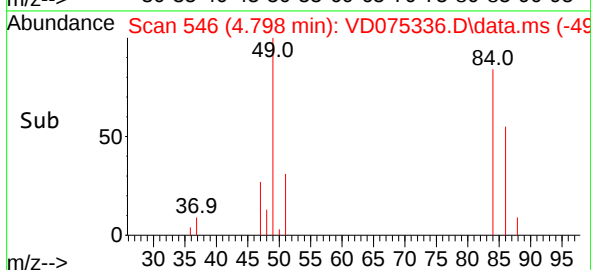
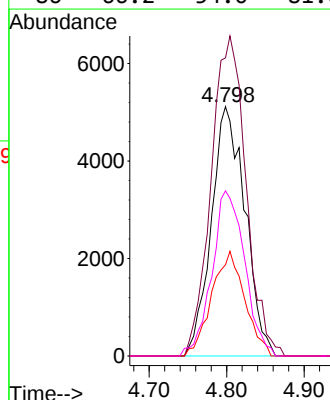
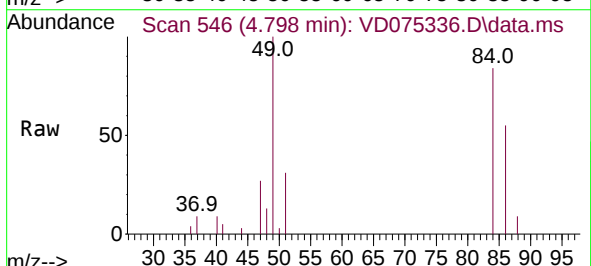
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

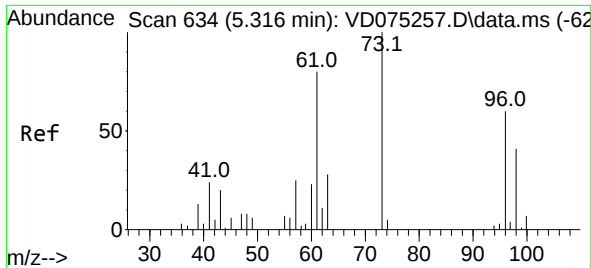
Tgt Ion: 73 Resp: 24563
Ion Ratio Lower Upper
73 100
57 19.6 18.5 27.7



#20
Methylene Chloride
Concen: 20.907 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 84 Resp: 15489
Ion Ratio Lower Upper
84 100
49 119.6 97.0 145.6
51 36.6 30.9 46.3
86 66.2 54.0 81.0

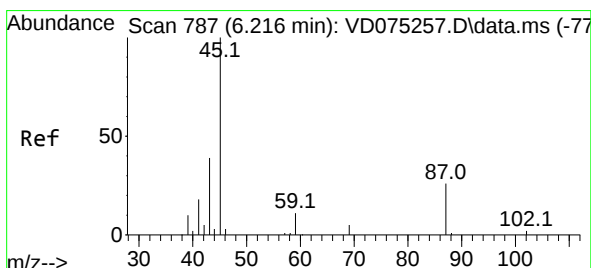
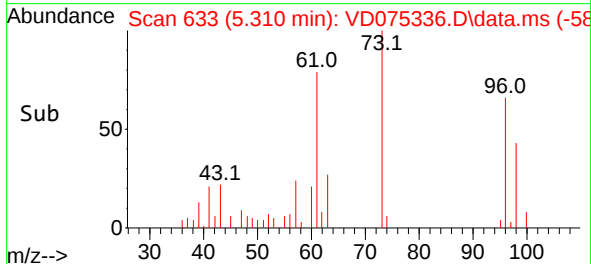
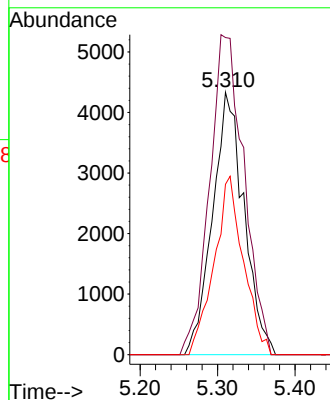
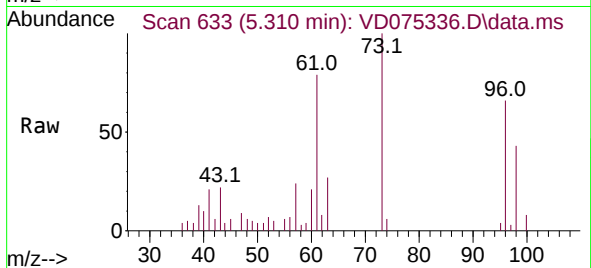




#21
trans-1,2-Dichloroethene
Concen: 19.901 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

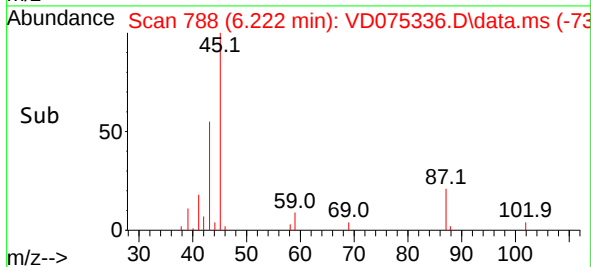
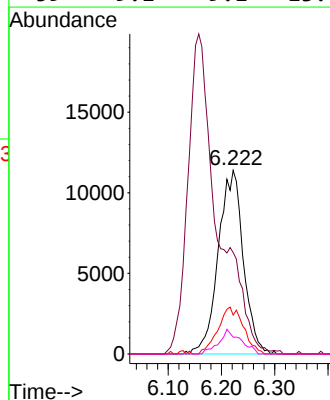
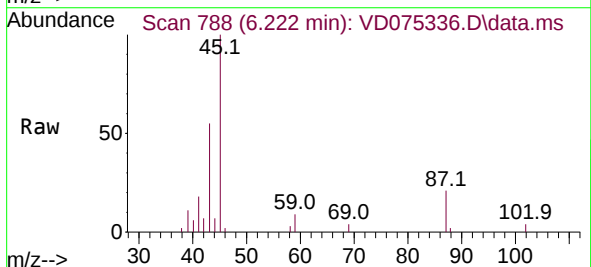
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

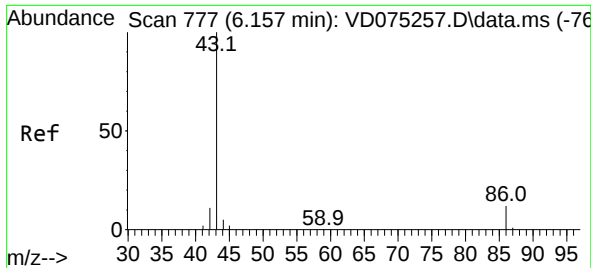
Tgt Ion: 96 Resp: 12239
Ion Ratio Lower Upper
96 100
61 120.9 105.7 158.5
98 64.9 50.4 75.6



#22
Diisopropyl ether
Concen: 20.704 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 45 Resp: 37238
Ion Ratio Lower Upper
45 100
43 53.4 45.3 67.9
87 21.1 22.1 33.1#
59 9.1 9.1 13.7

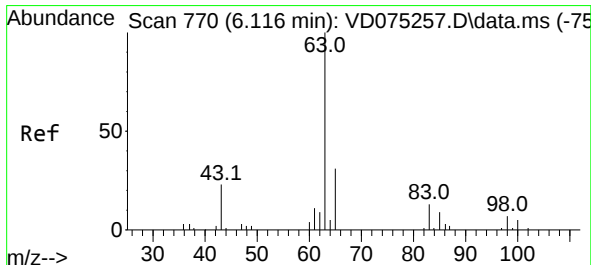
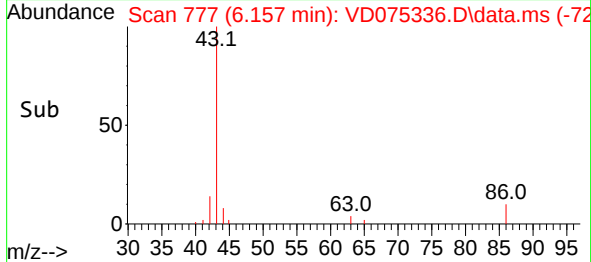
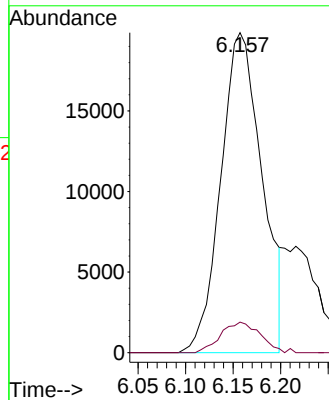
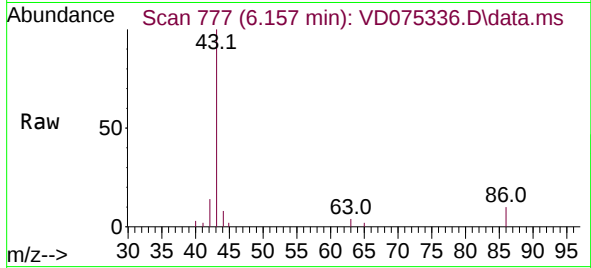




#23
 Vinyl Acetate
 Concen: 109.734 ug/l m
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD075336.D
 Acq: 14 Feb 2023 11:53

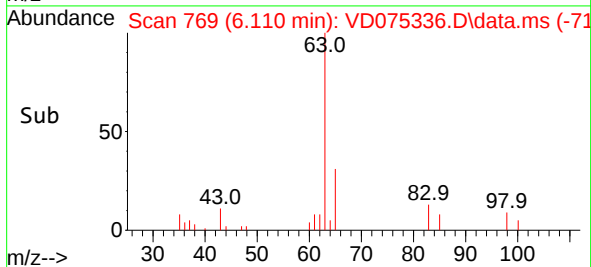
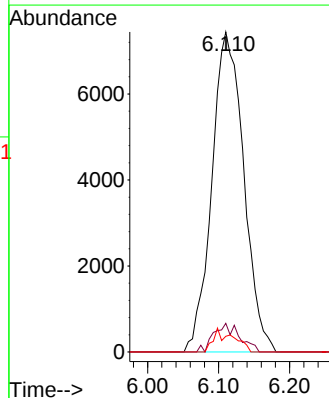
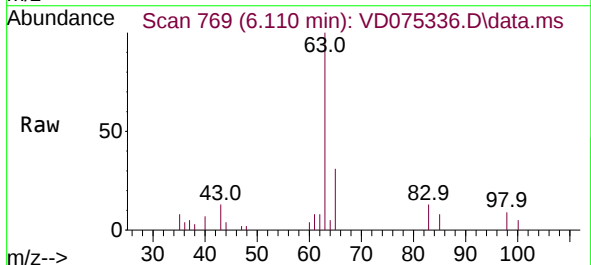
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBSD01

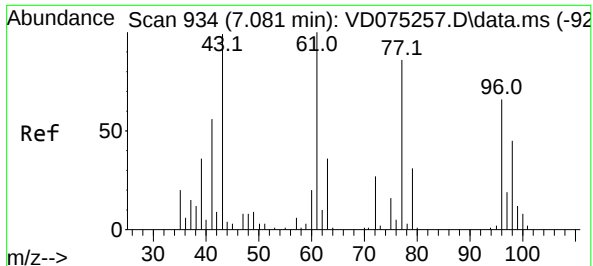
Tgt Ion: 43 Resp: 60026
 Ion Ratio Lower Upper
 43 100
 86 9.5 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 20.668 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD075336.D
 Acq: 14 Feb 2023 11:53

Tgt Ion: 63 Resp: 23176
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.0 12.2
 100 4.9 2.5 7.4





#25

2-Butanone

Concen: 88.882 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

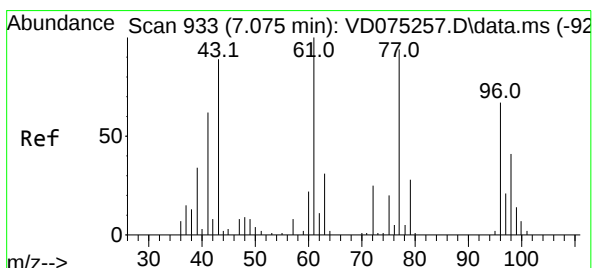
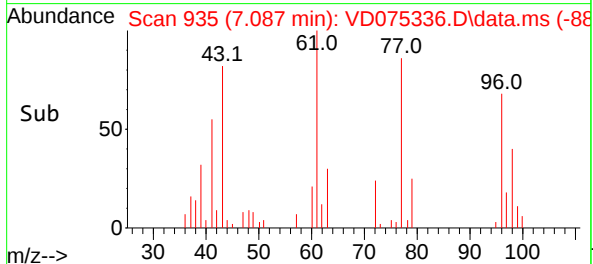
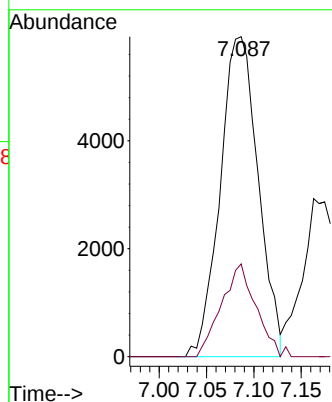
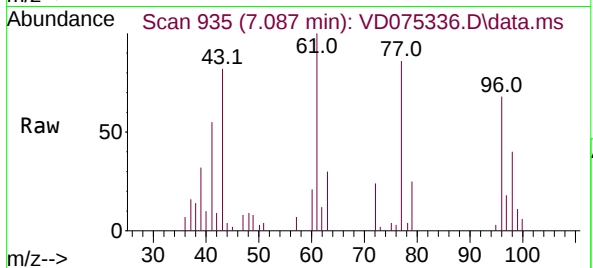
VD0214SBS01

Tgt Ion: 43 Resp: 16581

Ion Ratio Lower Upper

43 100

72 29.0 19.8 29.8



#26

2,2-Dichloropropane

Concen: 20.415 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD075336.D

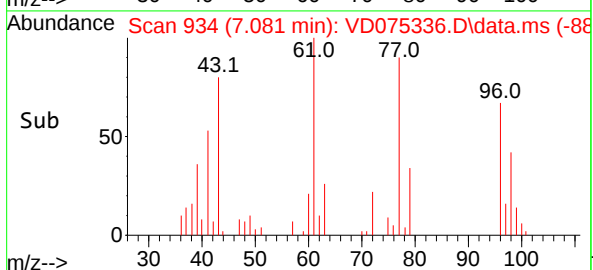
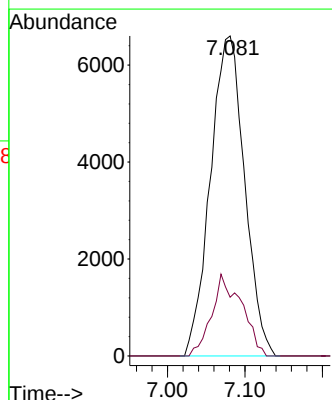
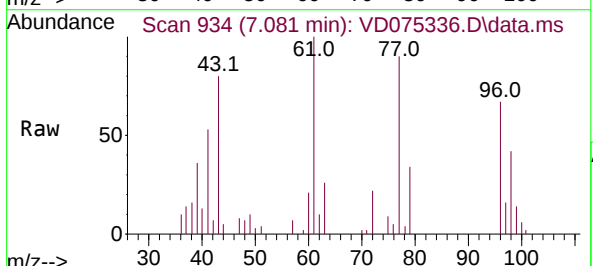
Acq: 14 Feb 2023 11:53

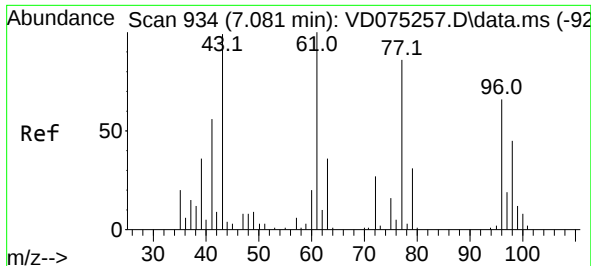
Tgt Ion: 77 Resp: 20263

Ion Ratio Lower Upper

77 100

97 22.4 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 20.110 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBSD01

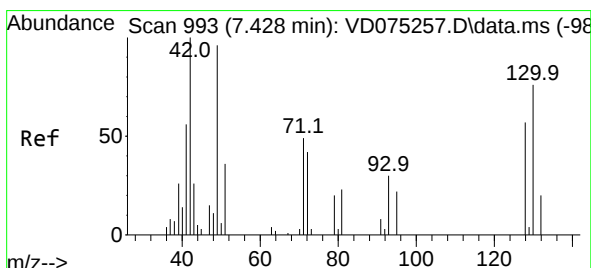
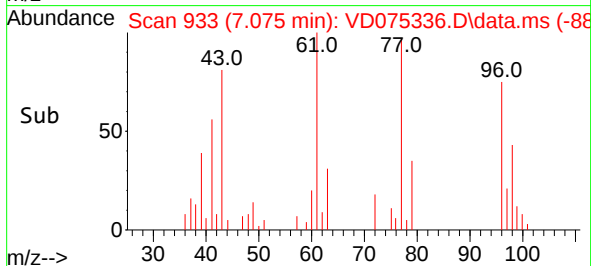
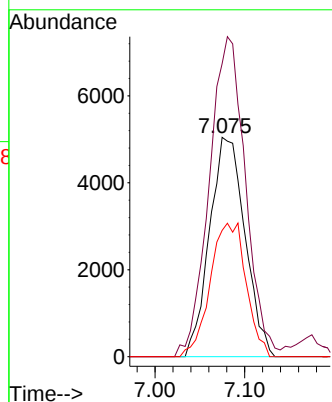
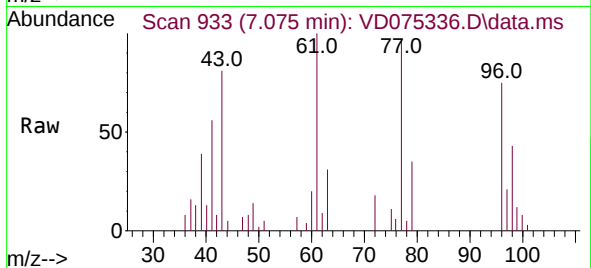
Tgt Ion: 96 Resp: 13837

Ion Ratio Lower Upper

96 100

61 149.0 0.0 287.4

98 61.6 0.0 129.8



#28

Bromochloromethane

Concen: 21.492 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

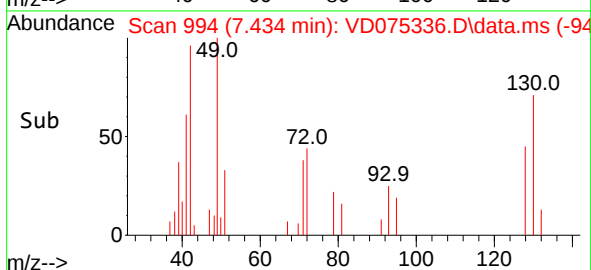
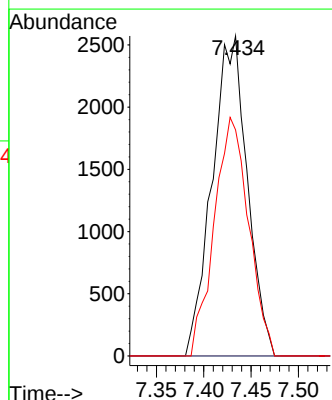
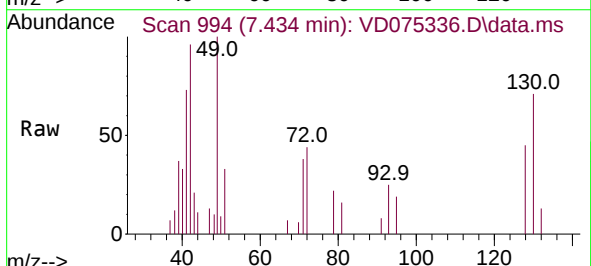
Tgt Ion: 49 Resp: 6646

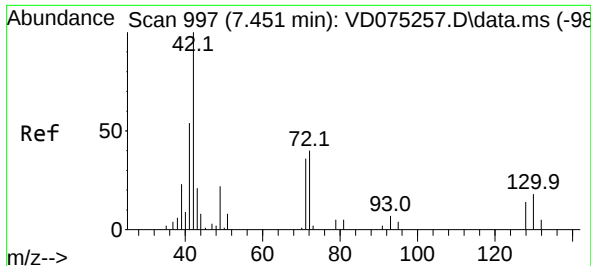
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

130 72.9 63.6 95.4





#29

Tetrahydrofuran

Concen: 99.766 ug/l

RT: 7.451 min Scan# 997

Delta R.T. 0.000 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBSD01

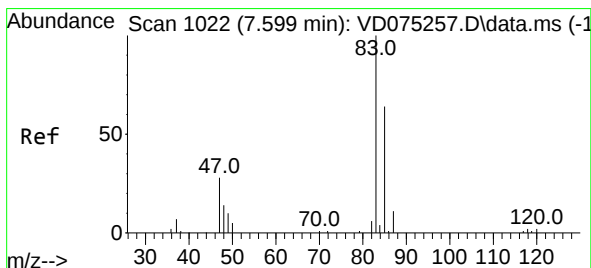
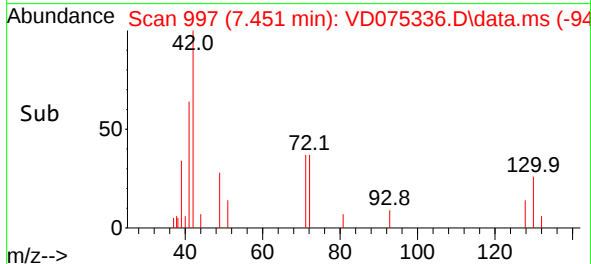
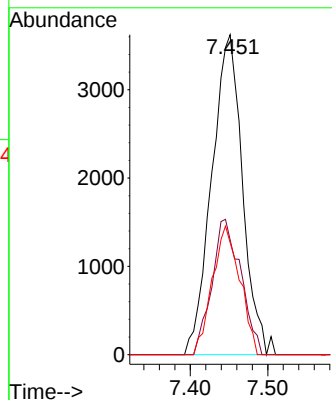
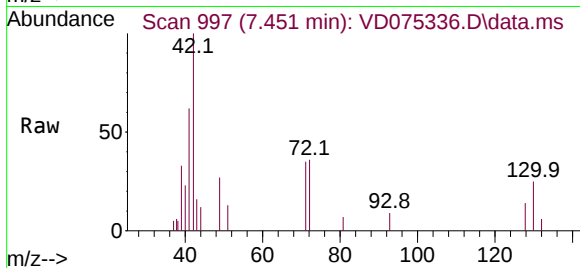
Tgt Ion: 42 Resp: 10022

Ion Ratio Lower Upper

42 100

72 39.7 33.8 50.8

71 35.8 31.6 47.4



#30

Chloroform

Concen: 20.500 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.001 min

Lab File: VD075336.D

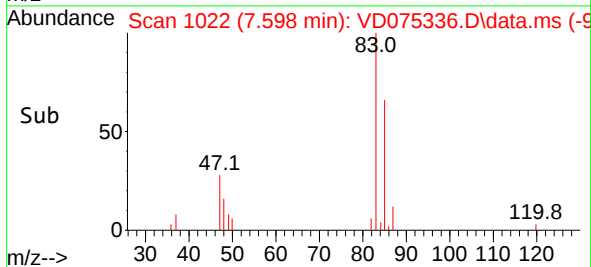
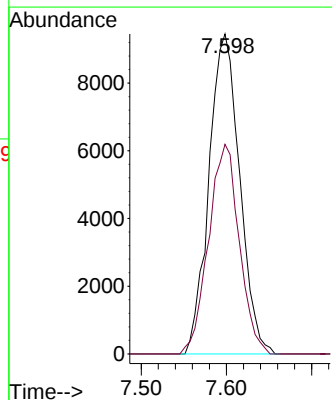
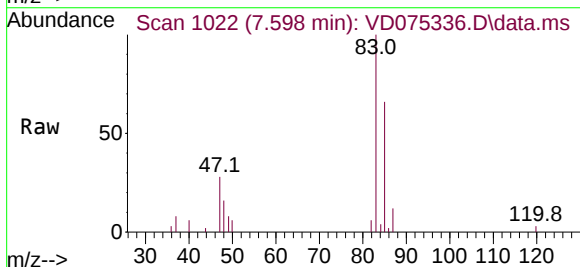
Acq: 14 Feb 2023 11:53

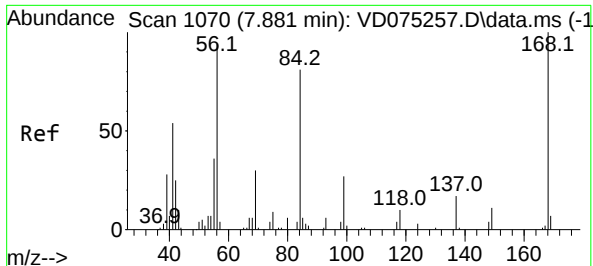
Tgt Ion: 83 Resp: 23660

Ion Ratio Lower Upper

83 100

85 65.5 48.5 72.7





#31

Cyclohexane

Concen: 18.284 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBSD01

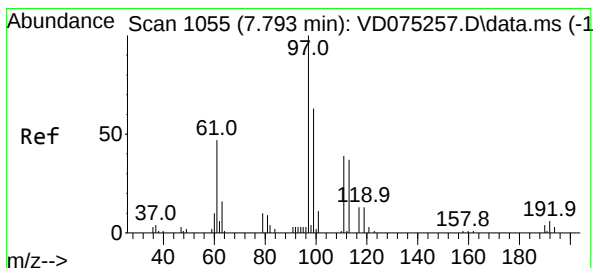
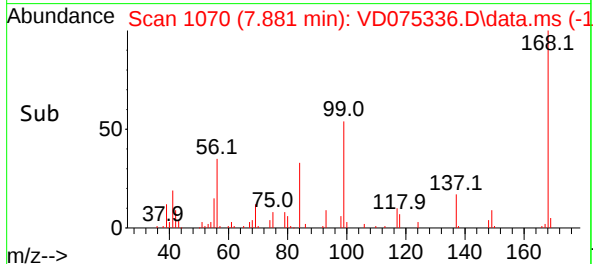
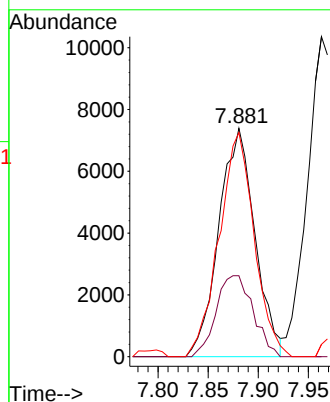
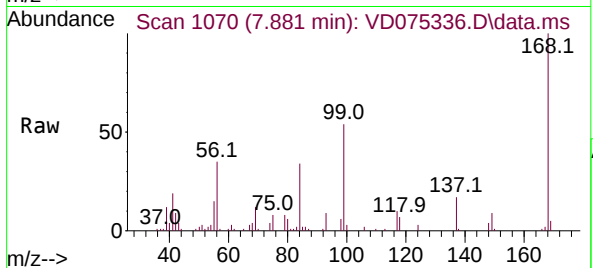
Tgt Ion: 56 Resp: 18486

Ion Ratio Lower Upper

56 100

69 35.5 26.6 40.0

84 98.1 74.1 111.1



#32

1,1,1-Trichloroethane

Concen: 20.476 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. 0.005 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

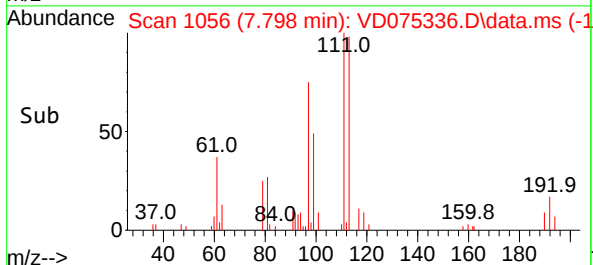
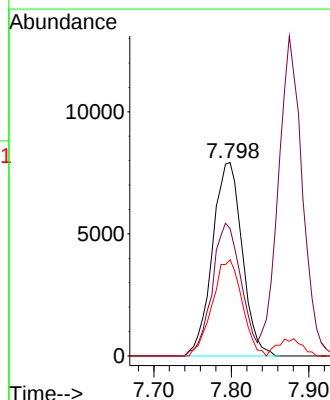
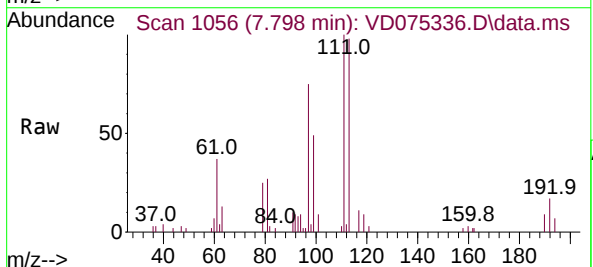
Tgt Ion: 97 Resp: 21139

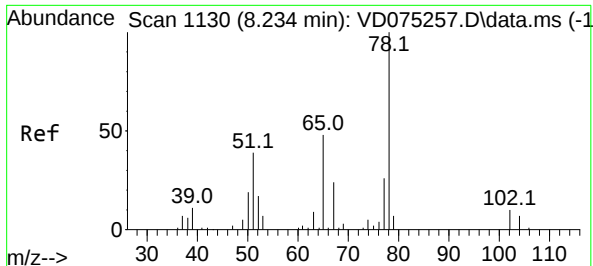
Ion Ratio Lower Upper

97 100

99 66.6 51.7 77.5

61 49.6 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 48.721 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

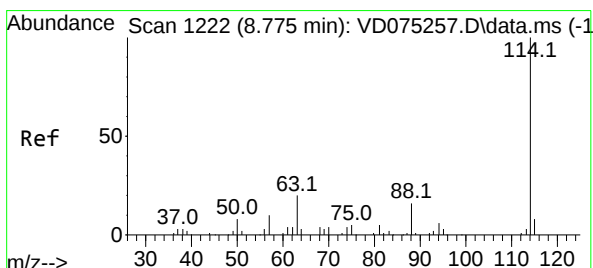
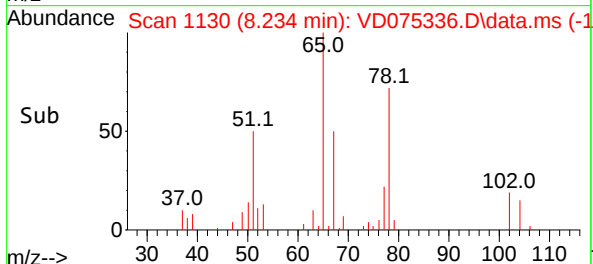
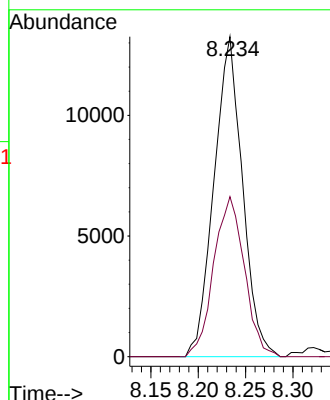
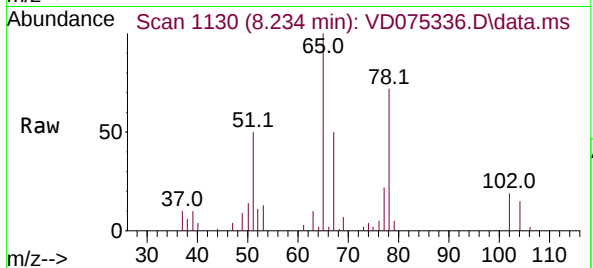
VD0214SBS01

Tgt Ion: 65 Resp: 27741

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

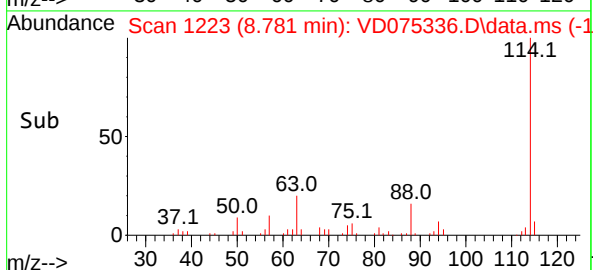
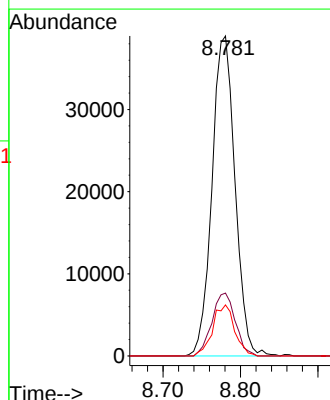
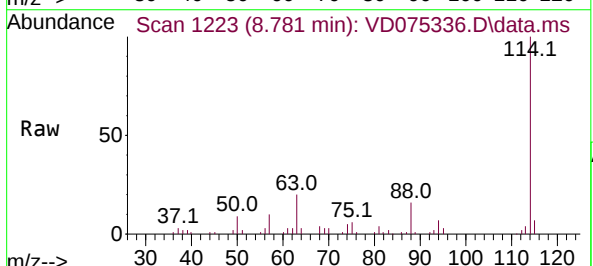
Tgt Ion: 114 Resp: 80324

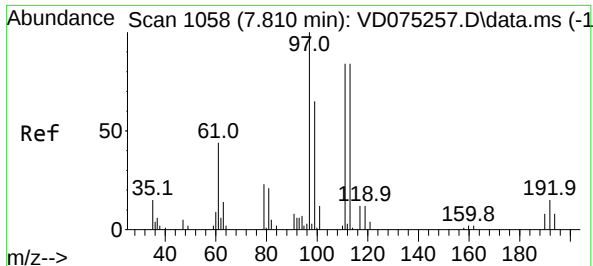
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 16.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.495 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBSD01

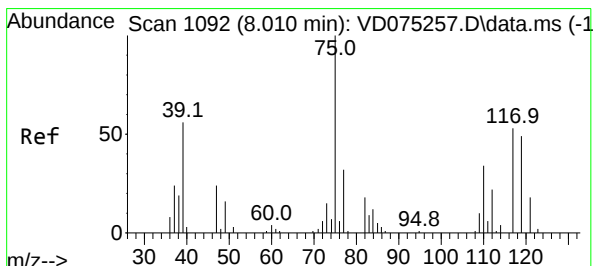
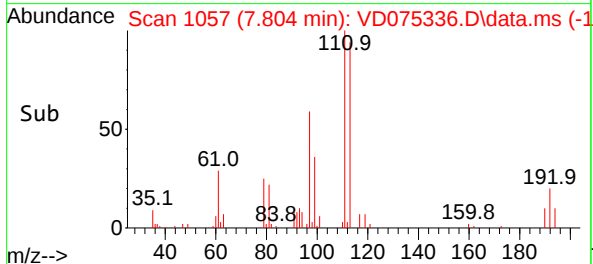
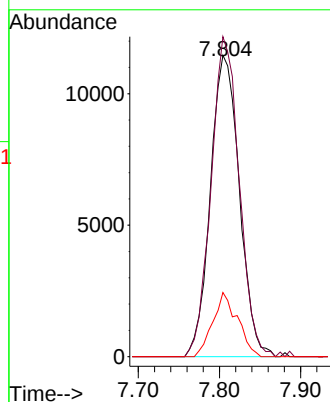
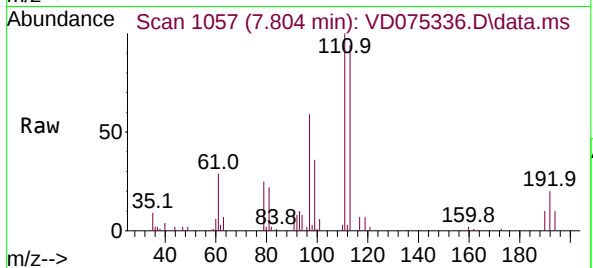
Tgt Ion:113 Resp: 28440

Ion Ratio Lower Upper

113 100

111 103.0 80.1 120.1

192 18.2 15.4 23.0



#36

1,1-Dichloropropene

Concen: 18.906 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

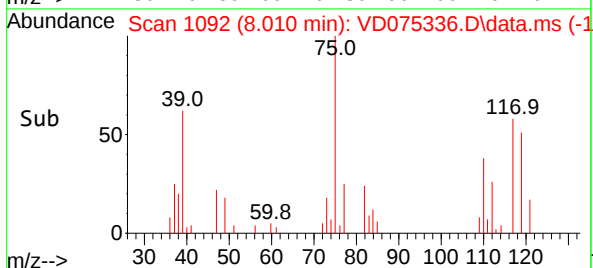
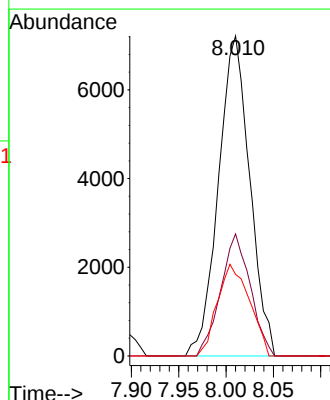
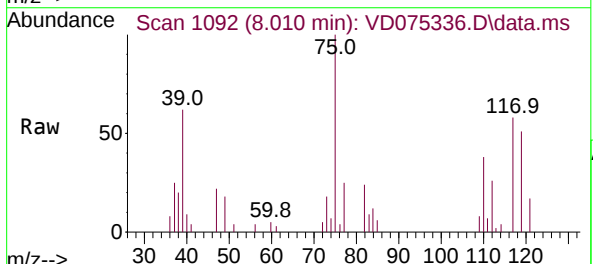
Tgt Ion: 75 Resp: 16588

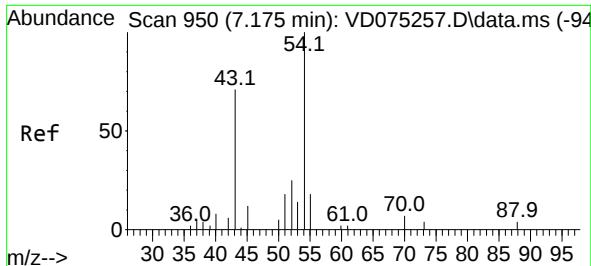
Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.4

77 29.4 25.1 37.7





#37

Ethyl Acetate

Concen: 20.076 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.012 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

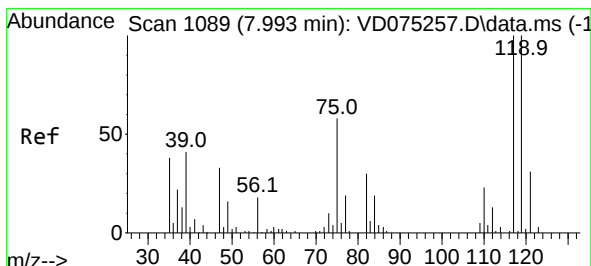
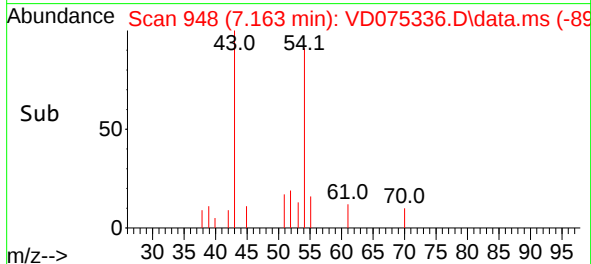
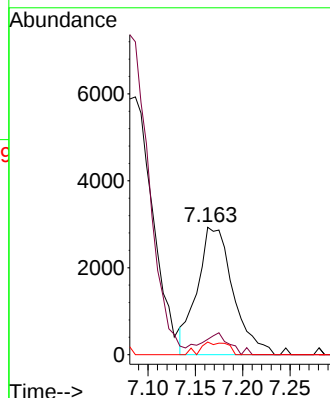
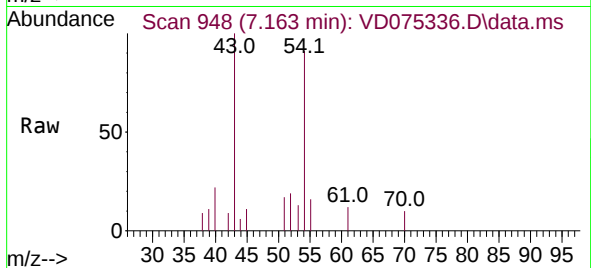
MSVOA_D

ClientSampleId :

VD0214SBSD01

Tgt Ion: 43 Resp: 7682

Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.7	17.5
70	7.4	8.8	13.2#



#38

Carbon Tetrachloride

Concen: 21.443 ug/l

RT: 7.987 min Scan# 1088

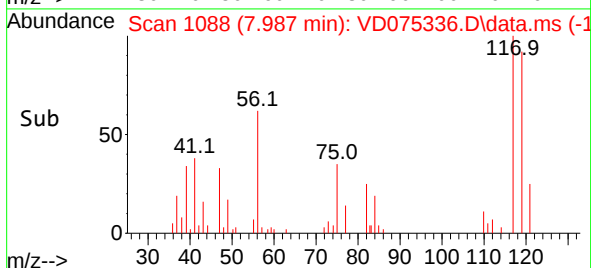
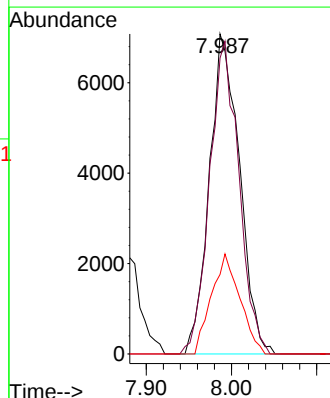
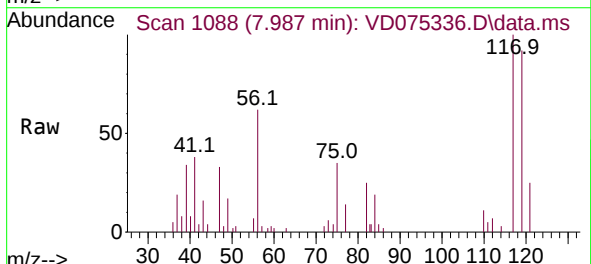
Delta R.T. -0.006 min

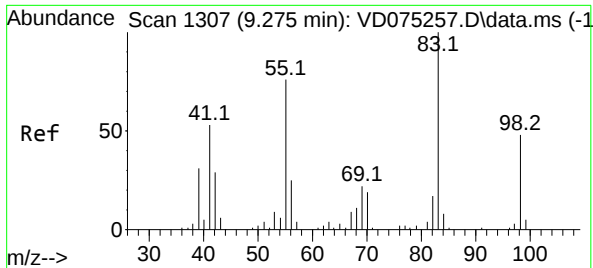
Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Tgt Ion: 117 Resp: 17433

Ion	Ratio	Lower	Upper
117	100		
119	92.5	73.6	110.4
121	24.8	25.4	38.0#





#39

Methylcyclohexane

Concen: 18.353 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBSD01

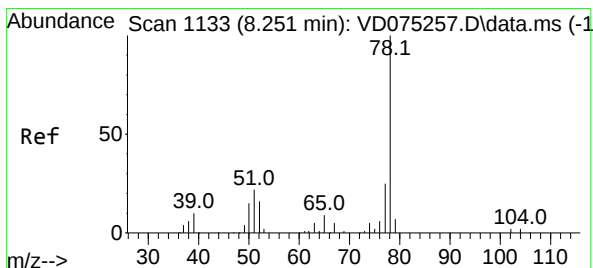
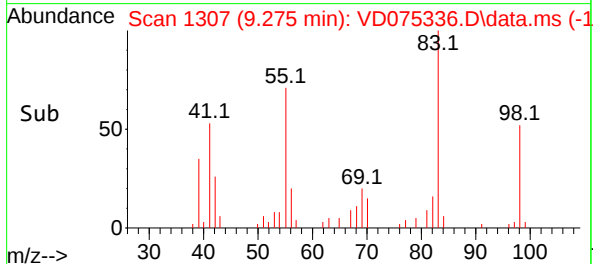
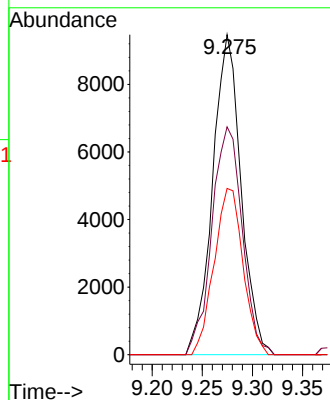
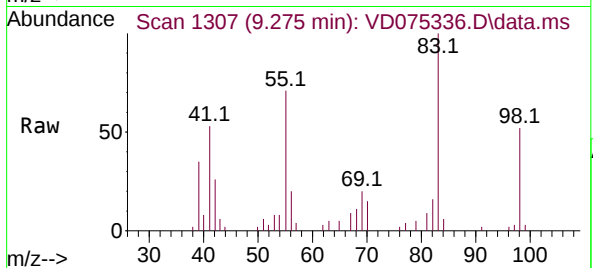
Tgt Ion: 83 Resp: 18638

Ion Ratio Lower Upper

83 100

55 71.2 60.0 90.0

98 51.9 39.0 58.4



#40

Benzene

Concen: 20.201 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075336.D

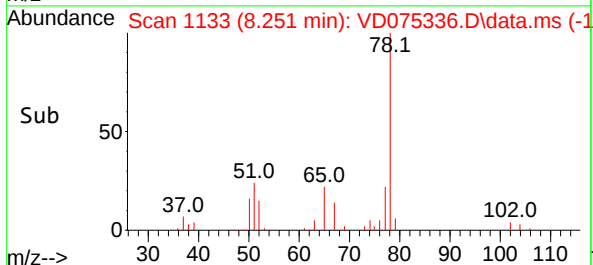
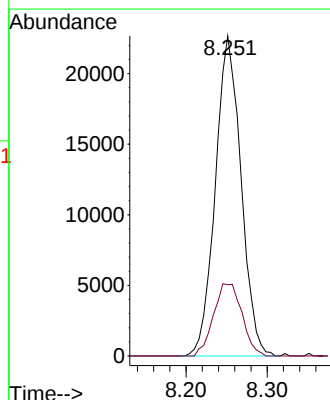
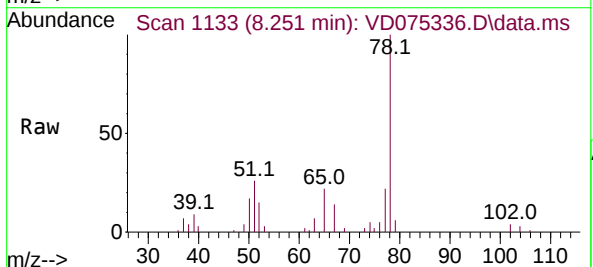
Acq: 14 Feb 2023 11:53

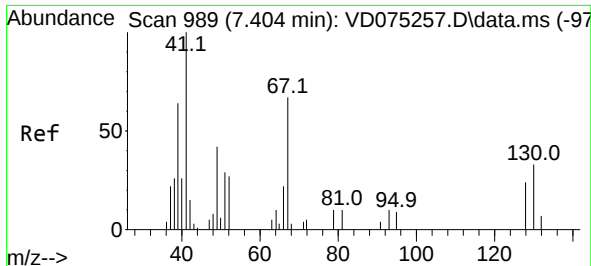
Tgt Ion: 78 Resp: 49814

Ion Ratio Lower Upper

78 100

77 22.3 19.8 29.6

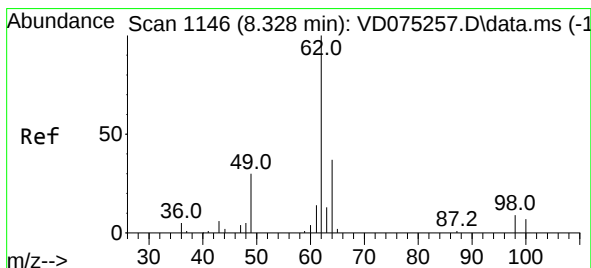
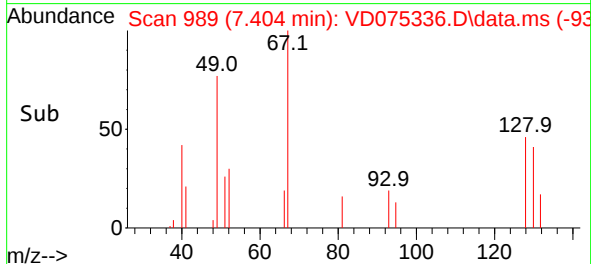
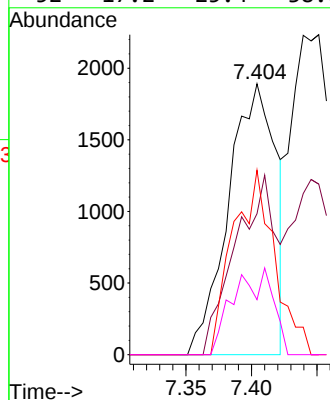
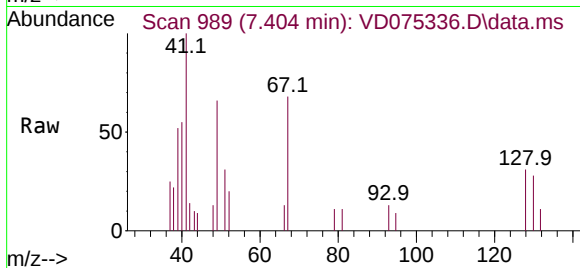




#41
Methacrylonitrile
Concen: 20.862 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

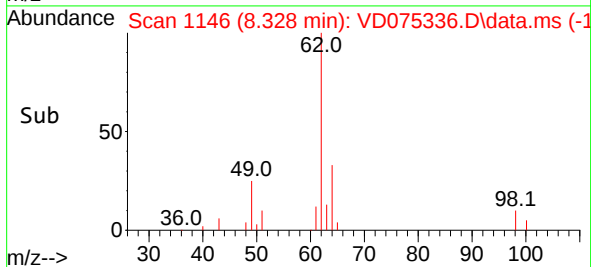
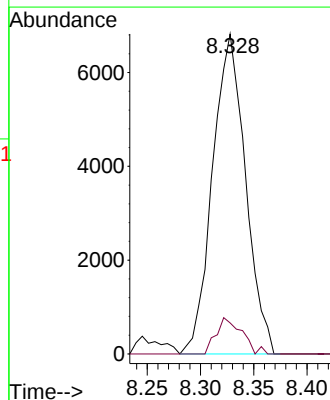
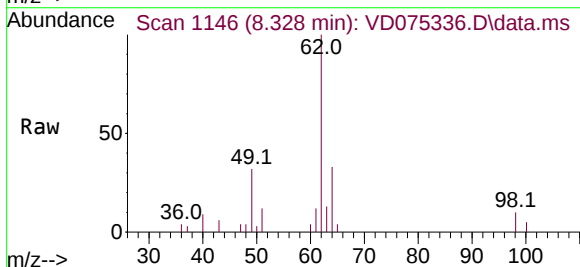
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

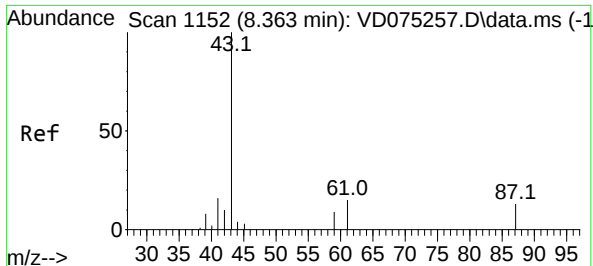
Tgt Ion:	41	Resp:	4762
Ion	Ratio	Lower	Upper
41	100		
39	56.5	57.8	86.6#
67	59.4	60.5	90.7#
52	17.2	25.4	38.0#



#42
1,2-Dichloroethane
Concen: 20.537 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion:	62	Resp:	14662
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.2

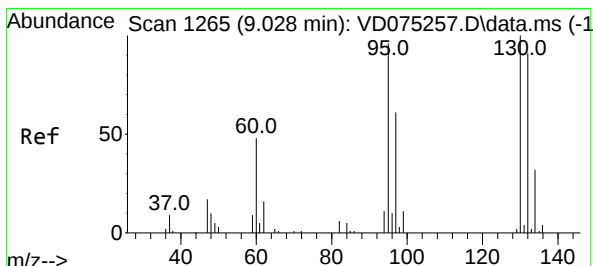
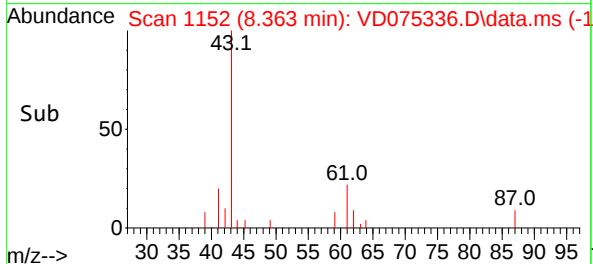
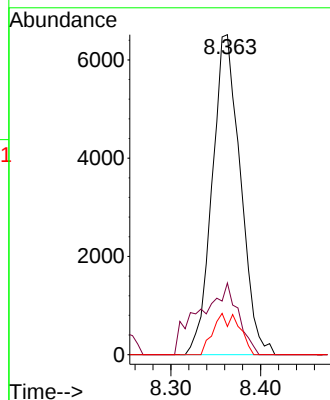
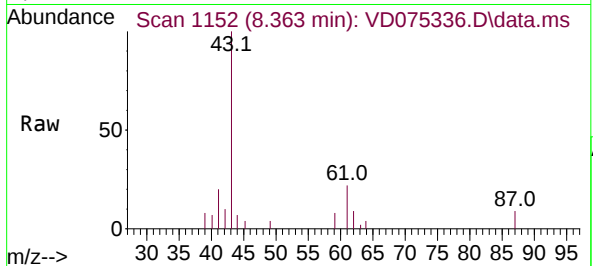




#43
Isopropyl Acetate
Concen: 19.418 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

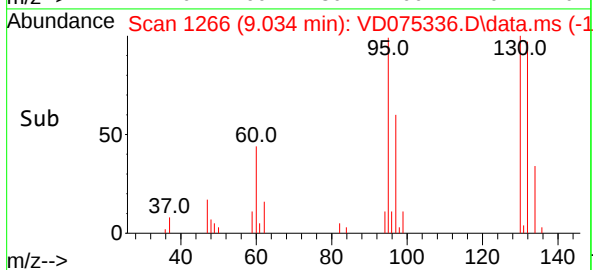
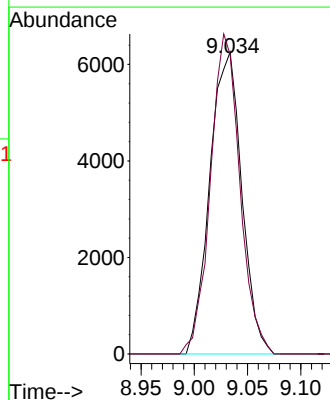
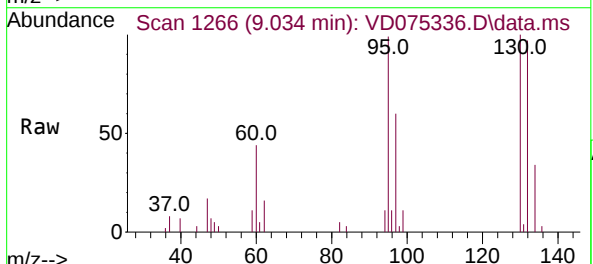
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

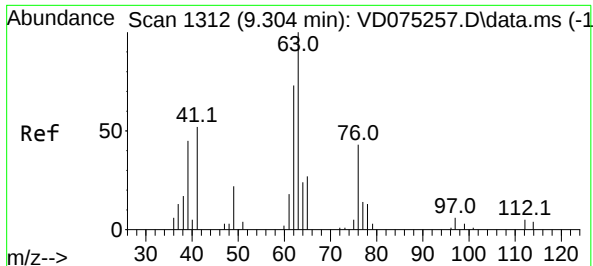
Tgt Ion: 43	Resp: 14198
Ion Ratio	Lower Upper
43	100
61	30.7 25.0 37.6
87	11.9 10.6 16.0



#44
Trichloroethene
Concen: 19.200 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 130	Resp: 13051
Ion Ratio	Lower Upper
130	100
95	99.1 0.0 188.6





#45

1,2-Dichloropropane

Concen: 19.569 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

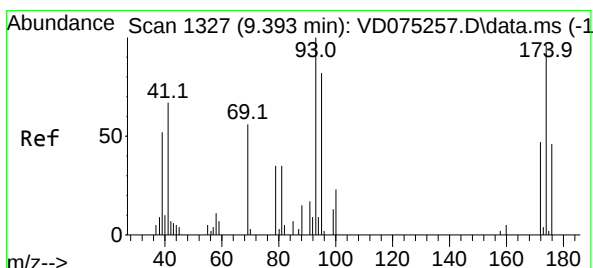
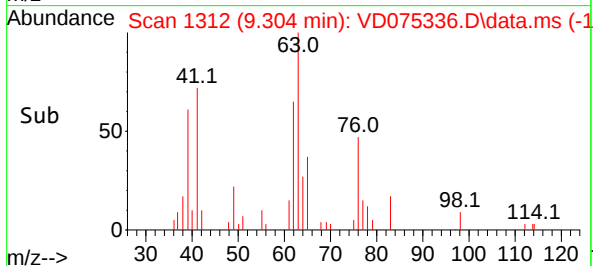
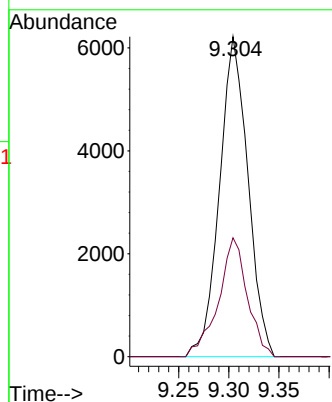
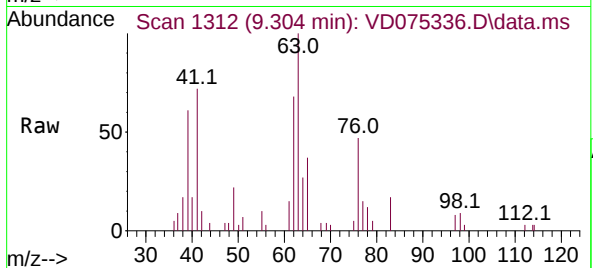
VD0214SBSD01

Tgt Ion: 63 Resp: 12255

Ion Ratio Lower Upper

63 100

65 37.1 25.1 37.7



#46

Dibromomethane

Concen: 19.839 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

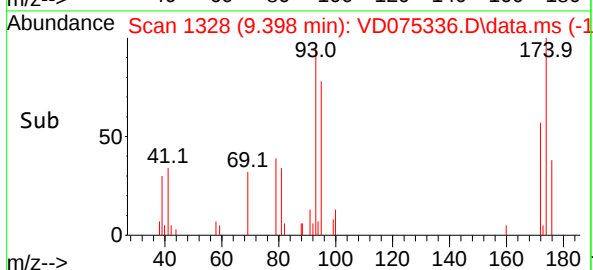
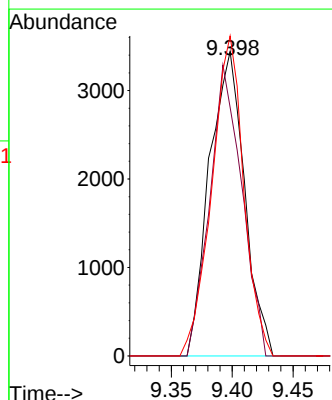
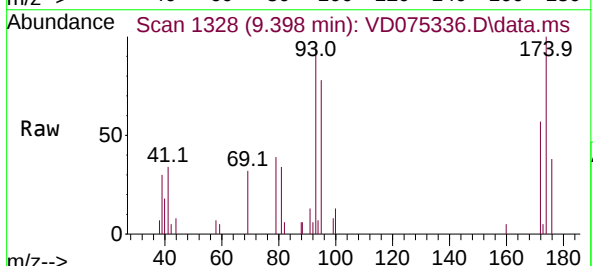
Tgt Ion: 93 Resp: 6885

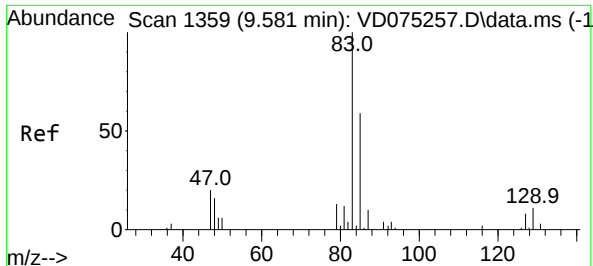
Ion Ratio Lower Upper

93 100

95 87.7 68.3 102.5

174 95.6 77.4 116.0

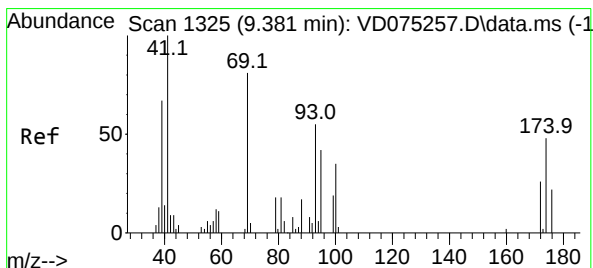
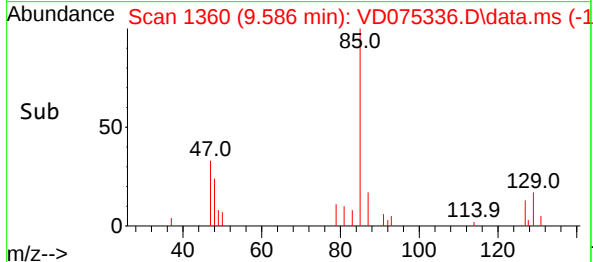
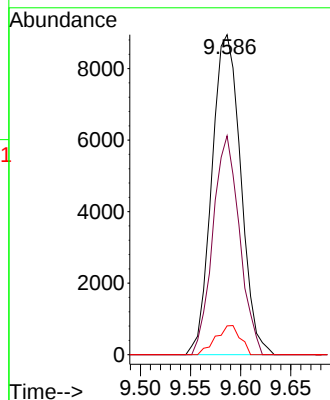
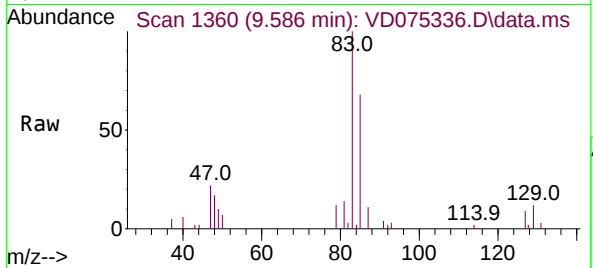




#47
Bromodichloromethane
Concen: 20.755 ug/l
RT: 9.586 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

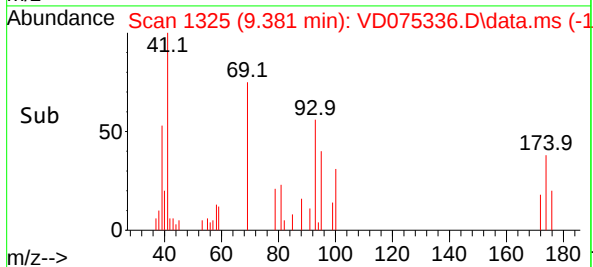
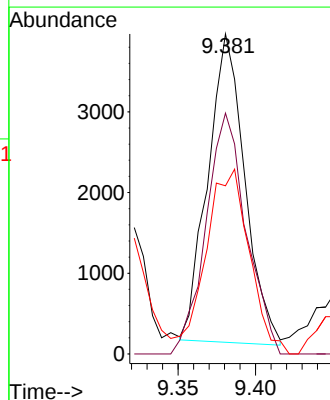
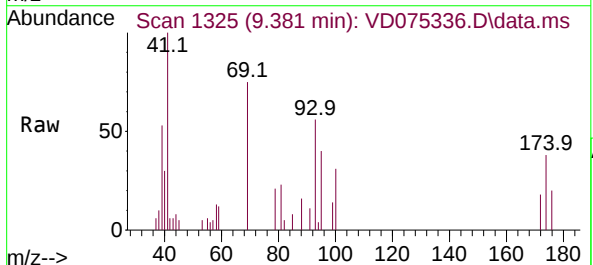
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

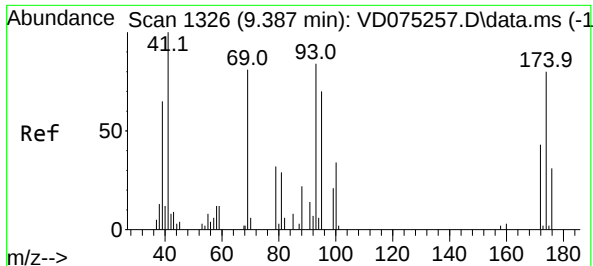
Tgt Ion: 83 Resp: 17927
Ion Ratio Lower Upper
83 100
85 68.4 53.0 79.4
127 9.0 7.0 10.4



#48
Methyl methacrylate
Concen: 18.187 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 41 Resp: 6315
Ion Ratio Lower Upper
41 100
69 85.1 67.8 101.6
39 70.8 46.0 69.0#





#49

1,4-Dioxane

Concen: 401.843 ug/l

RT: 9.386 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBSD01

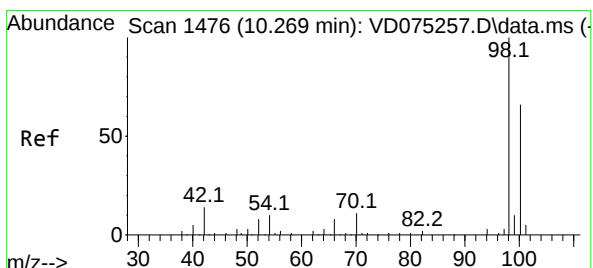
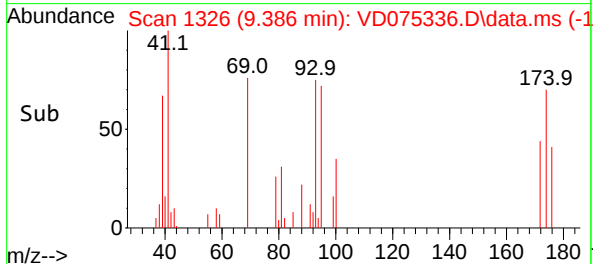
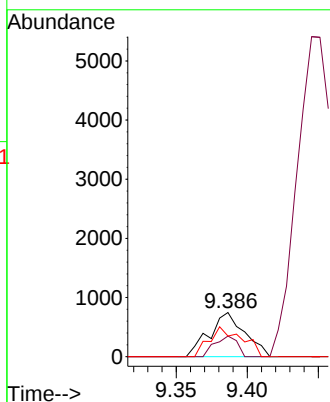
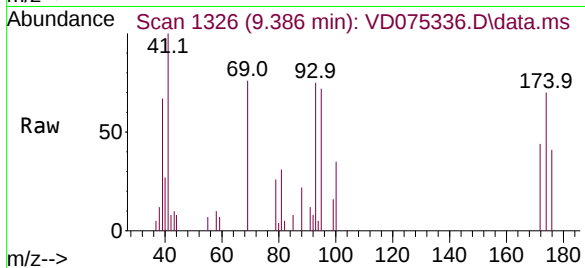
Tgt Ion: 88 Resp: 1293

Ion Ratio Lower Upper

88 100

43 29.5 35.6 53.4#

58 62.6 57.4 86.2



#50

Toluene-d8

Concen: 47.047 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075336.D

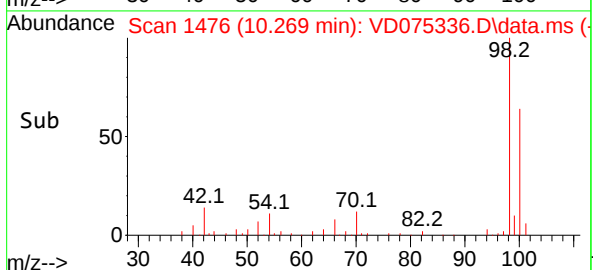
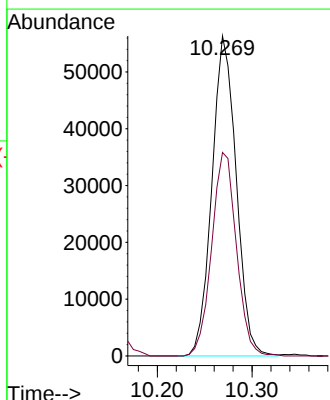
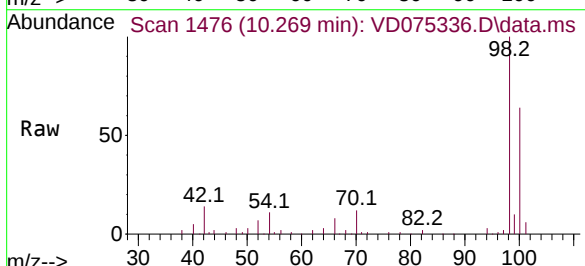
Acq: 14 Feb 2023 11:53

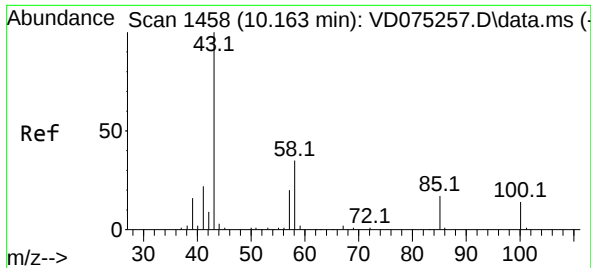
Tgt Ion: 98 Resp: 100491

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1

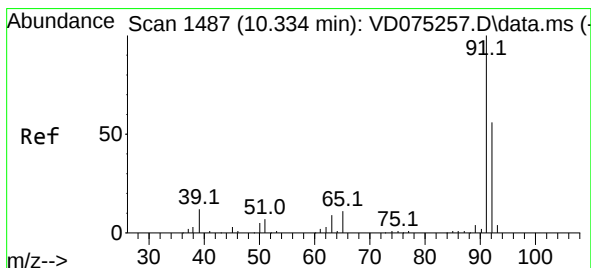
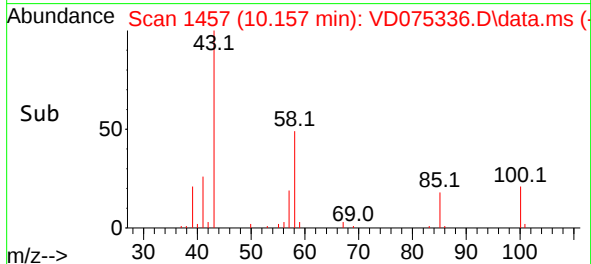
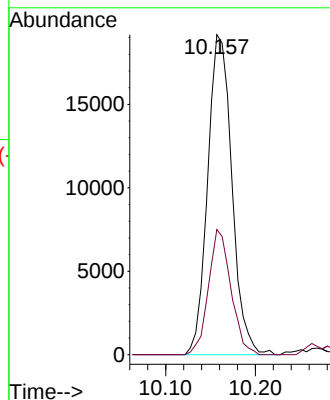
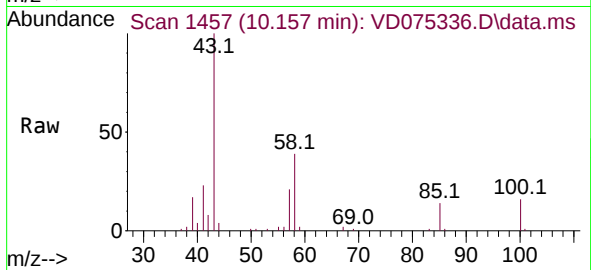




#51
4-Methyl-2-Pentanone
Concen: 97.305 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

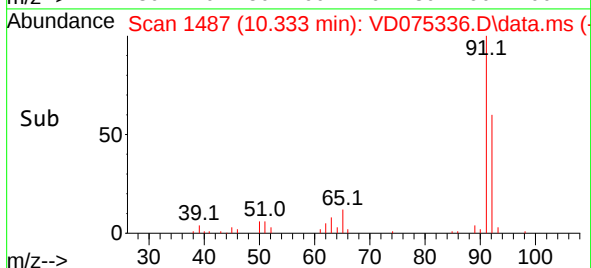
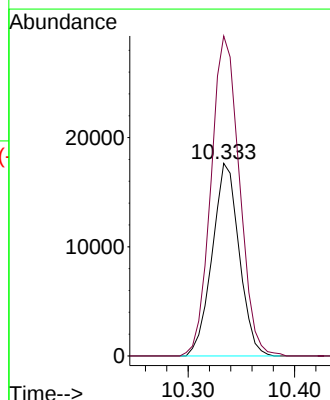
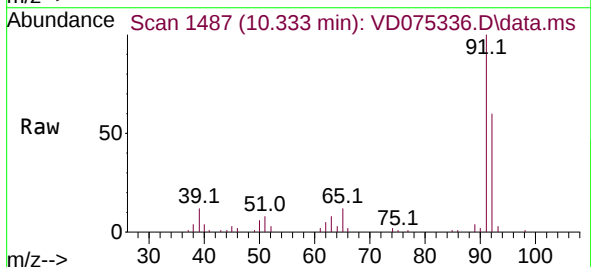
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

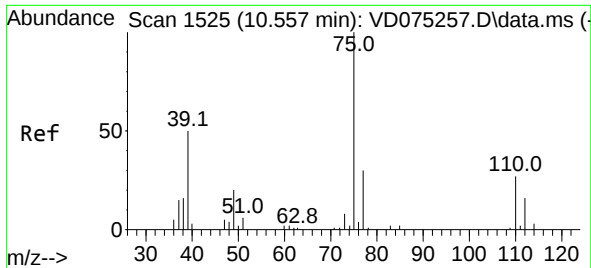
Tgt Ion: 43 Resp: 35968
Ion Ratio Lower Upper
43 100
58 36.3 31.4 47.0



#52
Toluene
Concen: 19.933 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 92 Resp: 30959
Ion Ratio Lower Upper
92 100
91 175.2 137.0 205.4

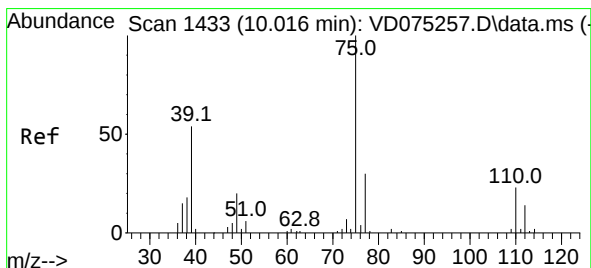
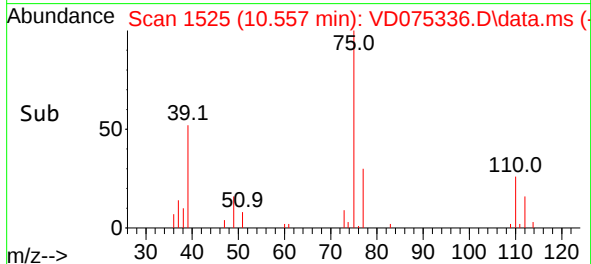
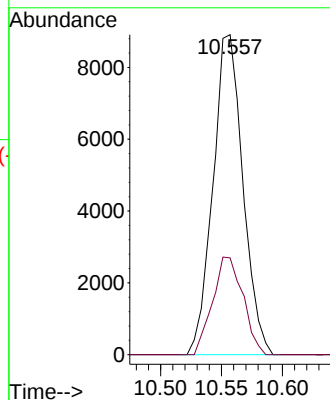
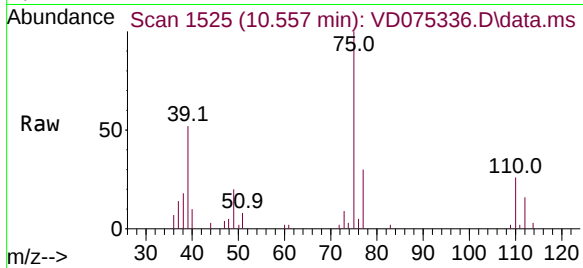




#53
 t-1,3-Dichloropropene
 Concen: 20.375 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD075336.D
 Acq: 14 Feb 2023 11:53

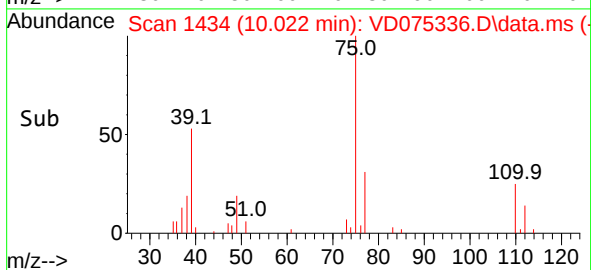
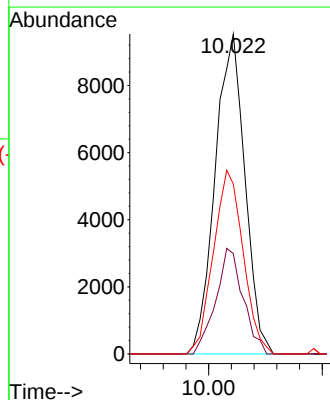
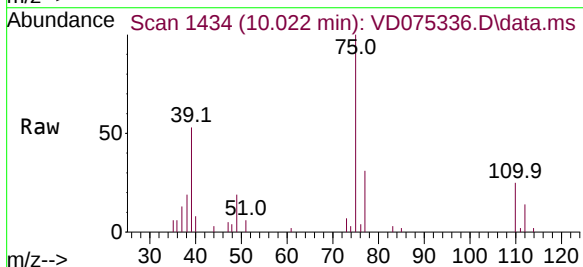
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBSD01

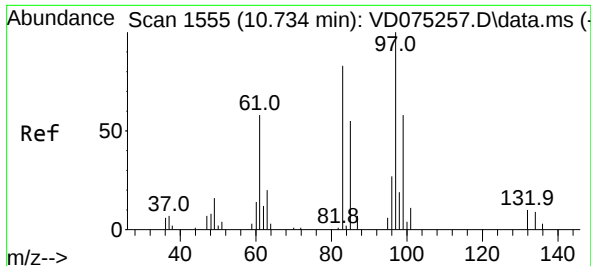
Tgt Ion: 75 Resp: 15244
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.380 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD075336.D
 Acq: 14 Feb 2023 11:53

Tgt Ion: 75 Resp: 17335
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7
 39 53.1 37.9 56.9

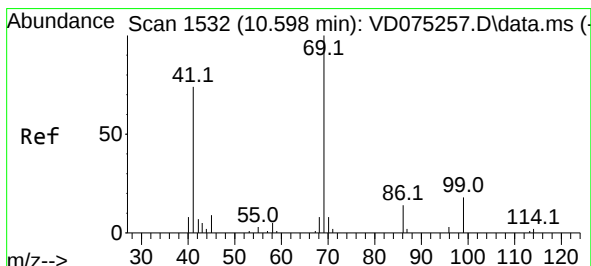
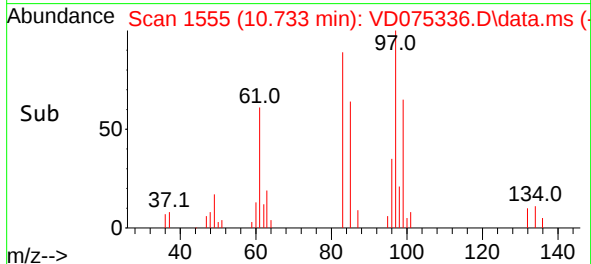
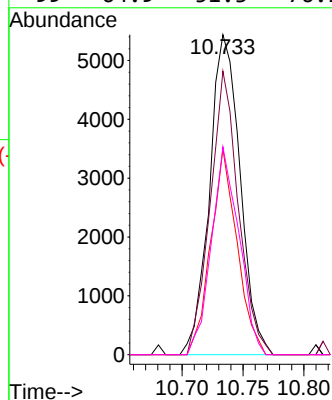
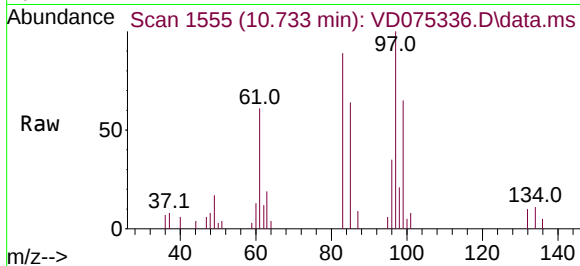




#55
1,1,2-Trichloroethane
Concen: 21.448 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

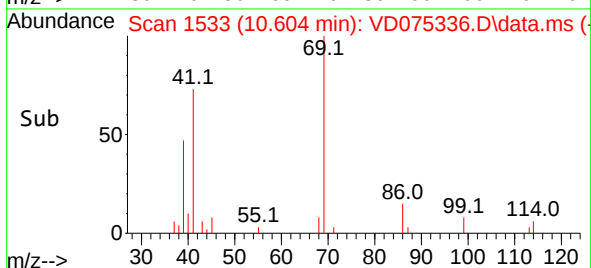
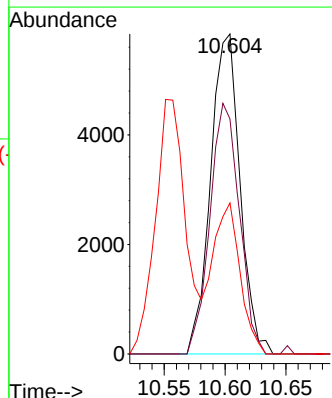
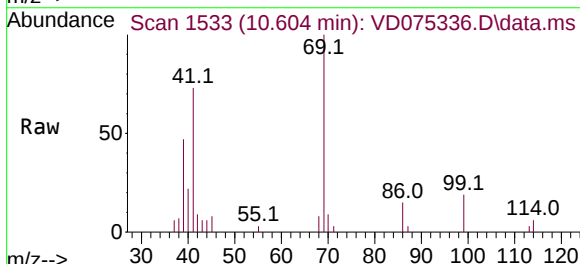
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

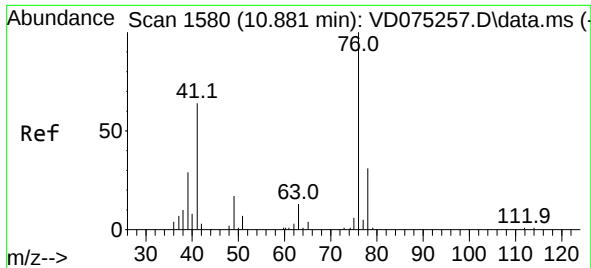
Tgt Ion: 97	Resp: 9502
Ion Ratio	Lower Upper
97 100	
83 88.6	69.4 104.0
85 64.3	46.0 69.0
99 64.9	51.3 76.9



#56
Ethyl methacrylate
Concen: 19.084 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 69	Resp: 9829
Ion Ratio	Lower Upper
69 100	
41 78.4	55.7 83.5
39 43.9	31.4 47.0





#57

1,3-Dichloropropane

Concen: 20.739 ug/l

RT: 10.886 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

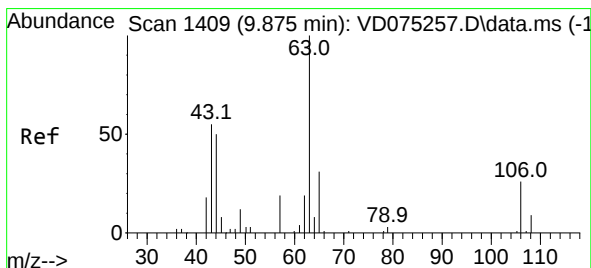
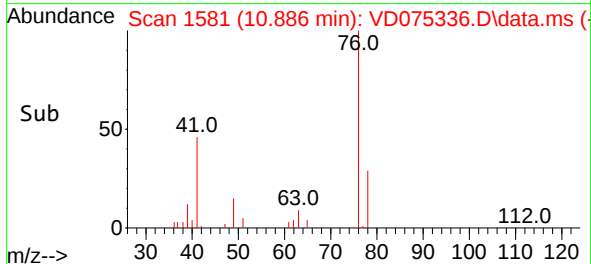
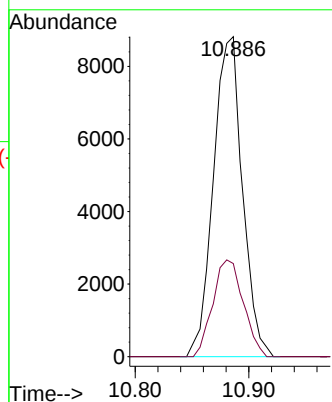
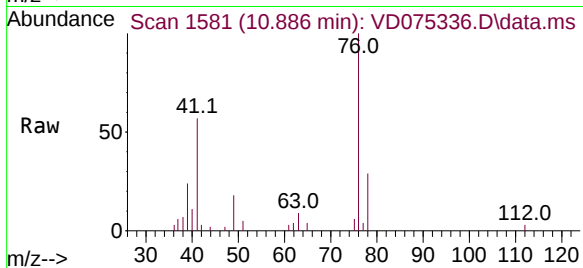
VD0214SBS01

Tgt Ion: 76 Resp: 15652

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 97.599 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD075336.D

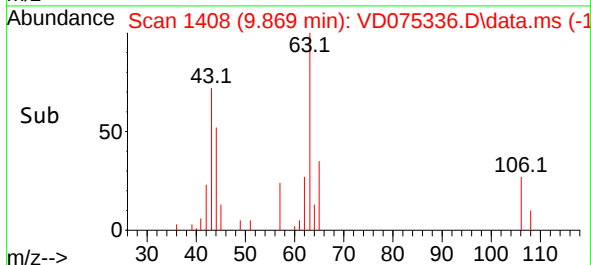
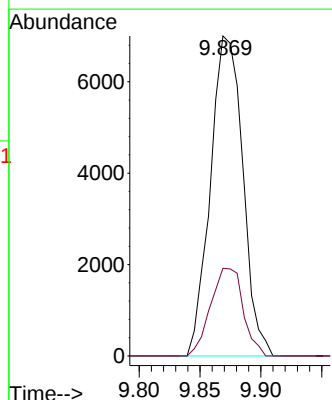
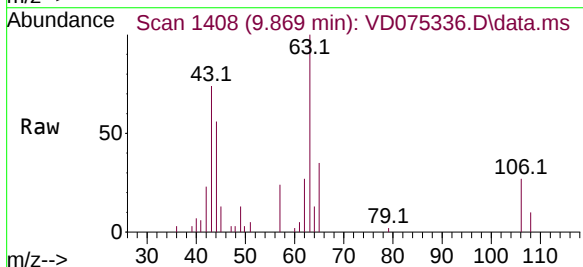
Acq: 14 Feb 2023 11:53

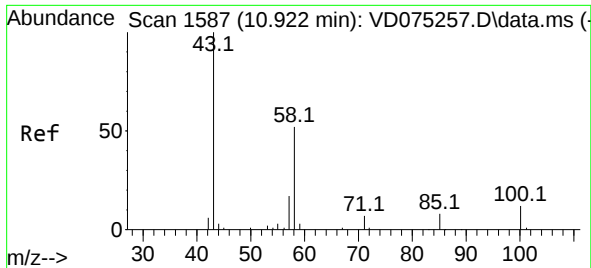
Tgt Ion: 63 Resp: 12976

Ion Ratio Lower Upper

63 100

106 27.4 22.6 33.8

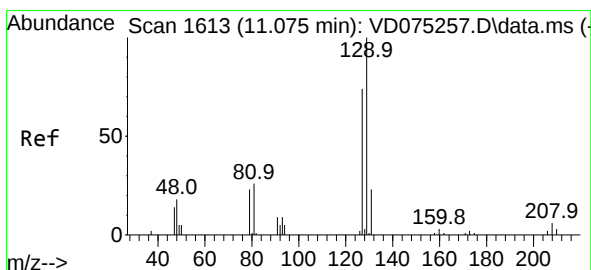
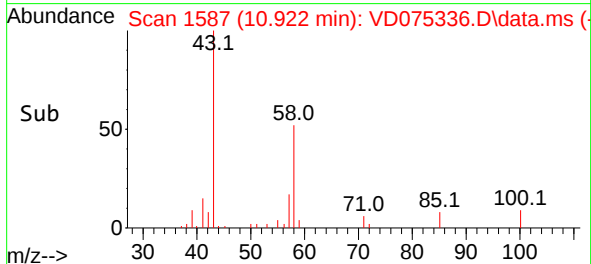
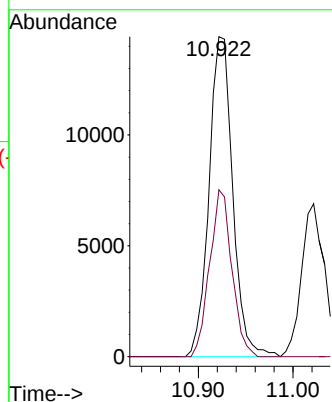
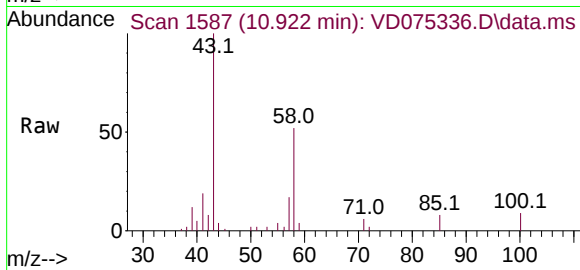




#59
2-Hexanone
Concen: 92.848 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

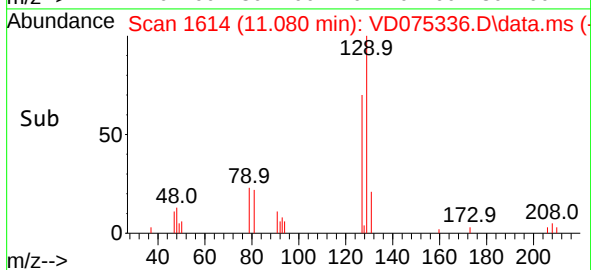
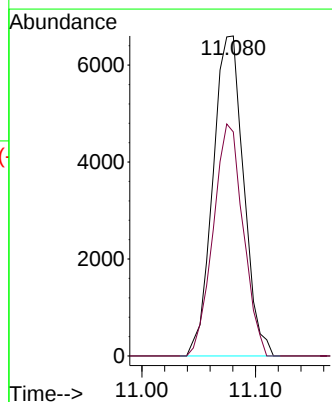
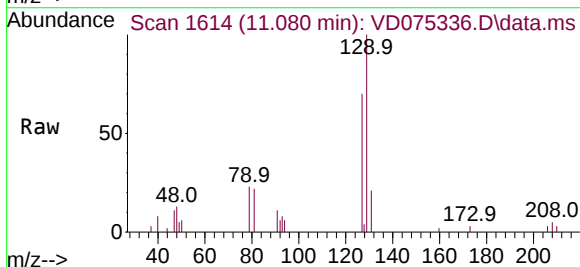
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

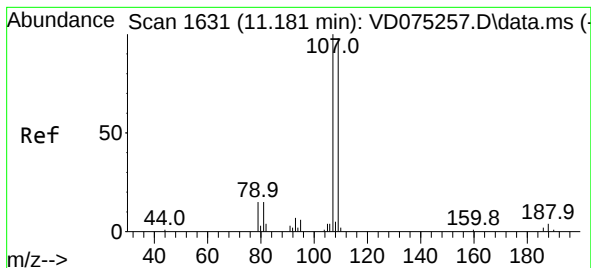
Tgt Ion: 43 Resp: 25074
Ion Ratio Lower Upper
43 100
58 48.9 26.8 80.4



#60
Dibromochloromethane
Concen: 22.591 ug/l
RT: 11.080 min Scan# 1614
Delta R.T. 0.005 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 129 Resp: 12400
Ion Ratio Lower Upper
129 100
127 70.8 38.9 116.6

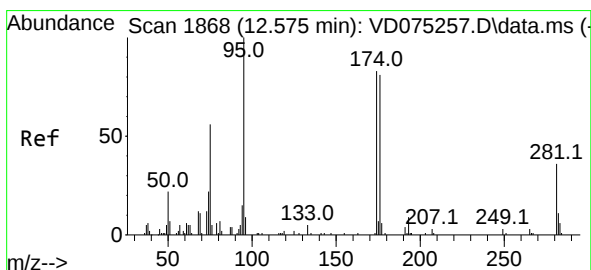
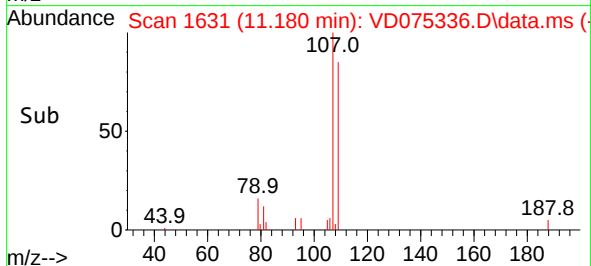
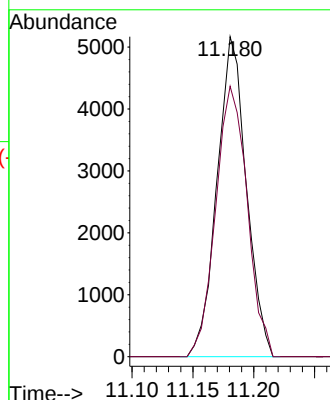
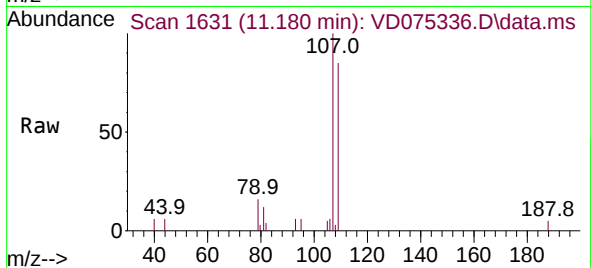




#61
1,2-Dibromoethane
Concen: 20.273 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

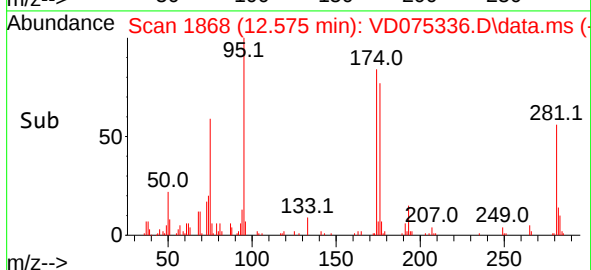
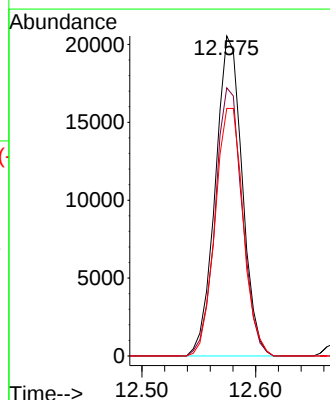
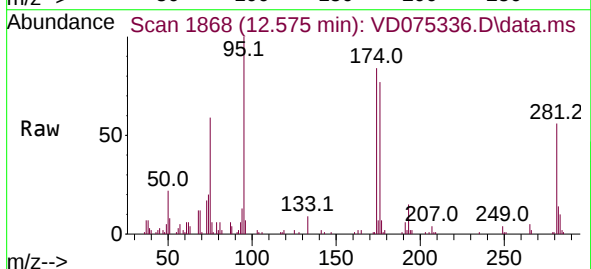
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

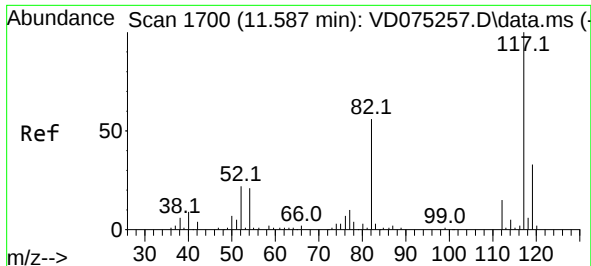
Tgt Ion:107 Resp: 8660
Ion Ratio Lower Upper
107 100
109 90.8 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 47.941 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 95 Resp: 33765
Ion Ratio Lower Upper
95 100
174 84.3 0.0 161.2
176 80.7 0.0 160.2

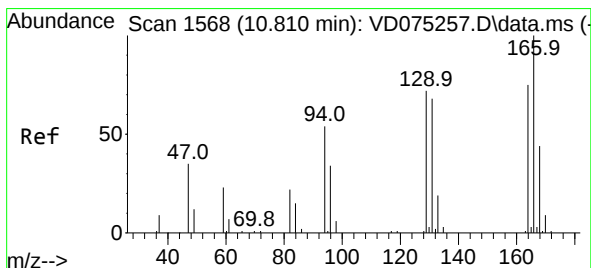
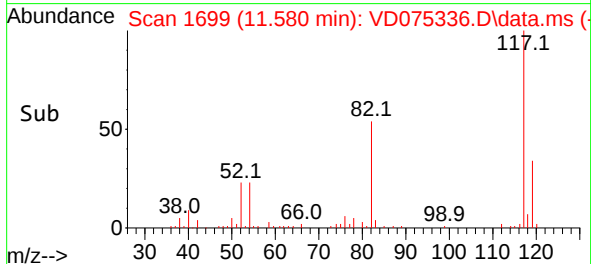
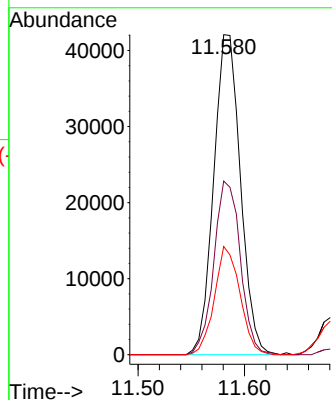
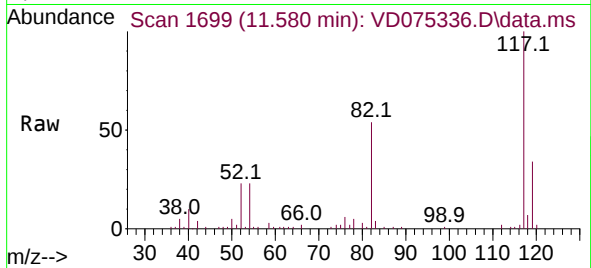




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.007 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

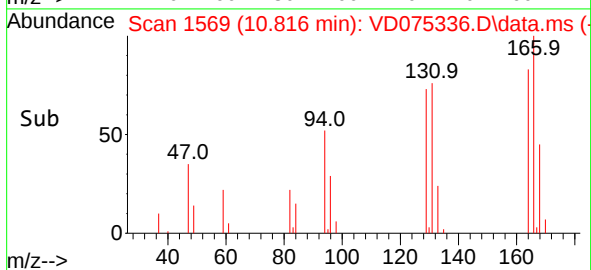
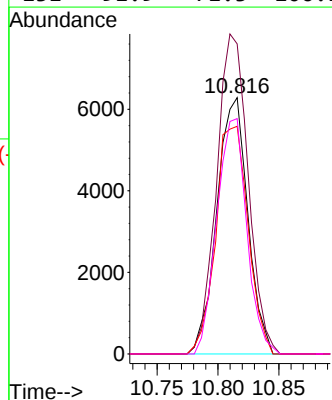
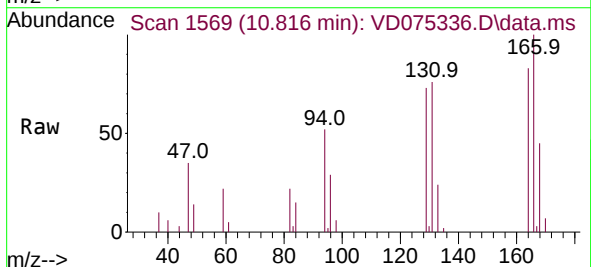
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

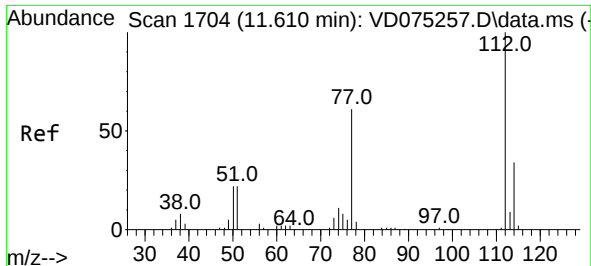
Tgt Ion:117 Resp: 73419
Ion Ratio Lower Upper
117 100
82 54.3 39.6 59.4
119 33.8 24.6 37.0



#64
Tetrachloroethene
Concen: 19.671 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion:164 Resp: 11123
Ion Ratio Lower Upper
164 100
166 121.0 105.3 157.9
129 88.9 76.2 114.4
131 91.9 71.3 106.9

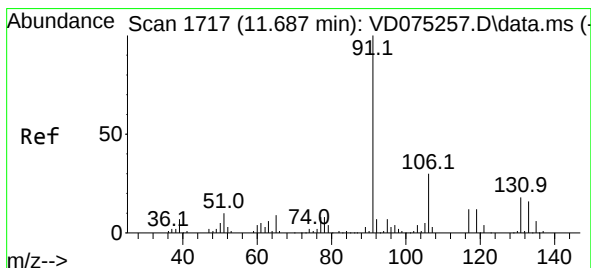
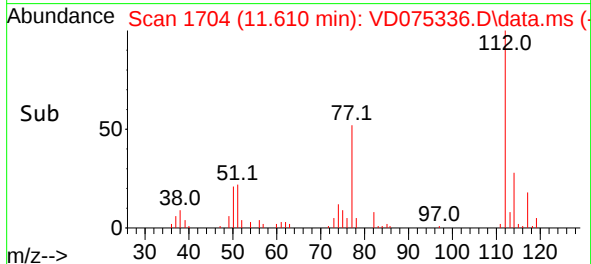
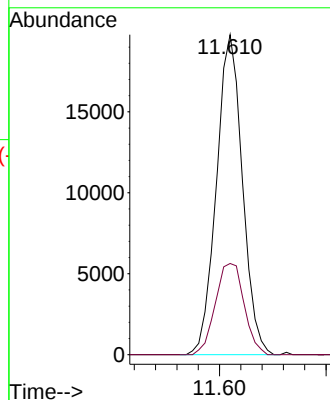
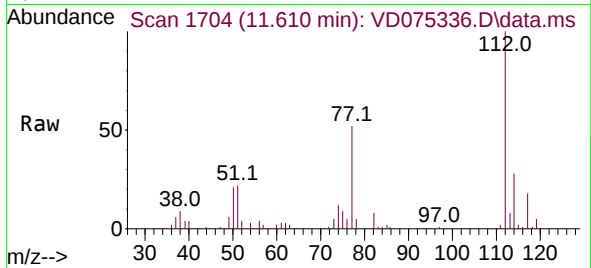




#65
Chlorobenzene
Concen: 20.201 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

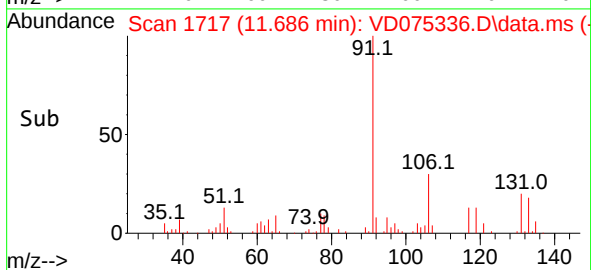
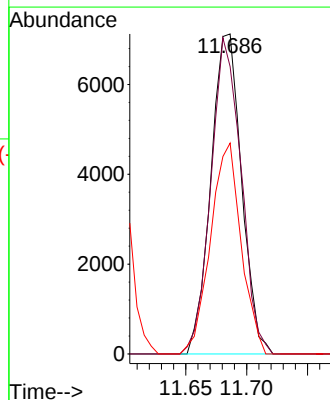
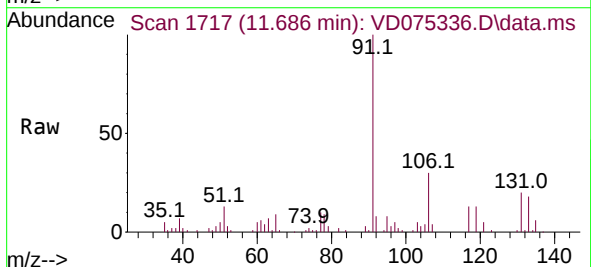
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

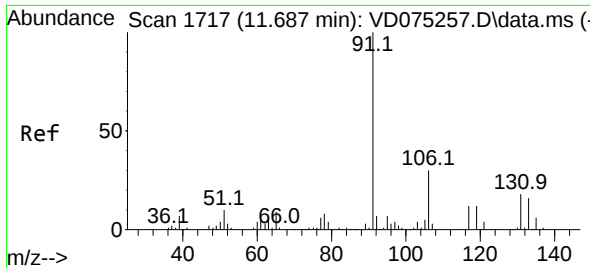
Tgt Ion:112 Resp: 33448
Ion Ratio Lower Upper
112 100
114 28.5 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.701 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.001 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion:131 Resp: 12479
Ion Ratio Lower Upper
131 100
133 97.2 49.0 147.2
119 65.7 34.8 104.5





#67

Ethyl Benzene

Concen: 19.151 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. -0.001 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

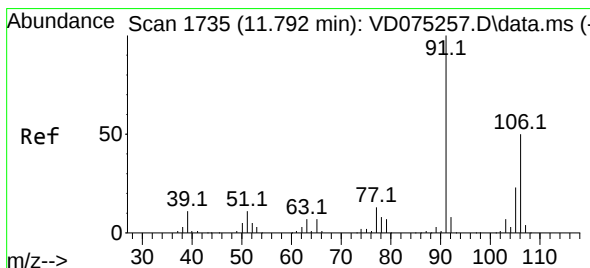
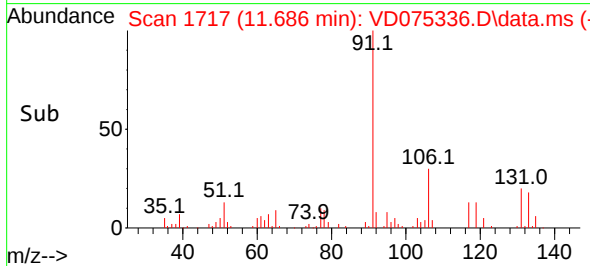
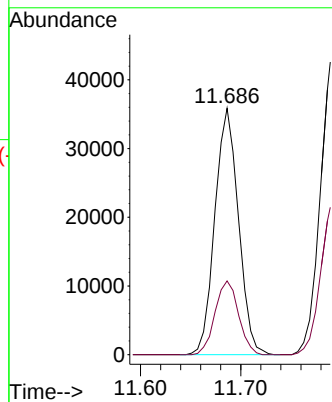
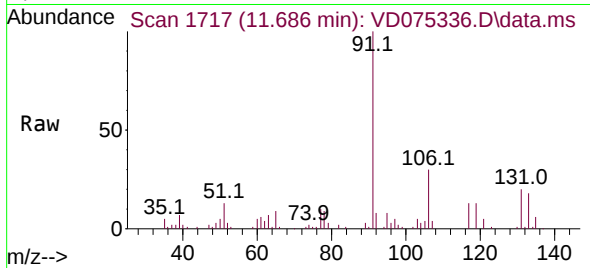
VD0214SBSD01

Tgt Ion: 91 Resp: 58540

Ion Ratio Lower Upper

91 100

106 29.9 25.0 37.6



#68

m/p-Xylenes

Concen: 39.893 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD075336.D

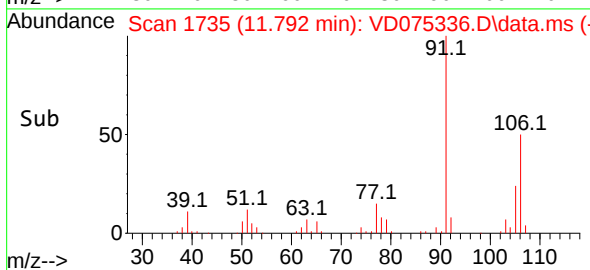
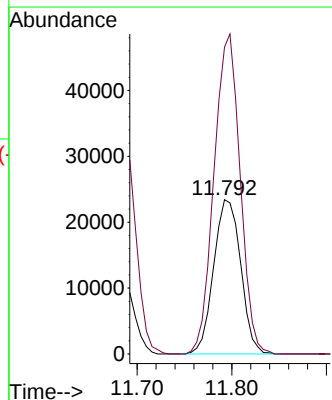
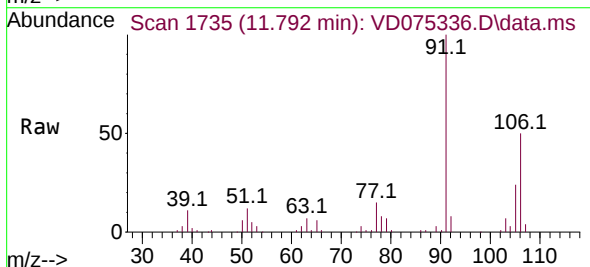
Acq: 14 Feb 2023 11:53

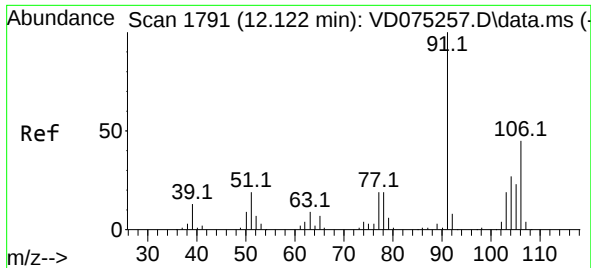
Tgt Ion:106 Resp: 46386

Ion Ratio Lower Upper

106 100

91 200.6 160.3 240.5

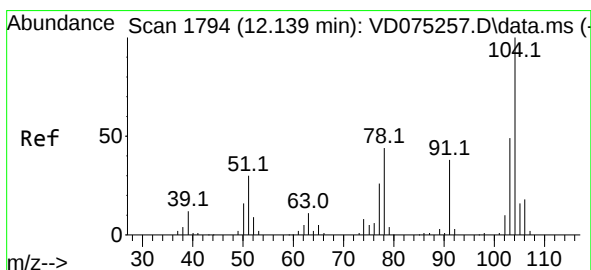
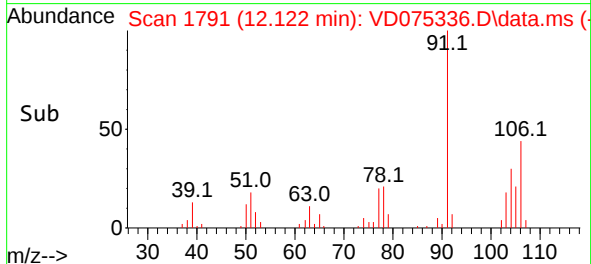
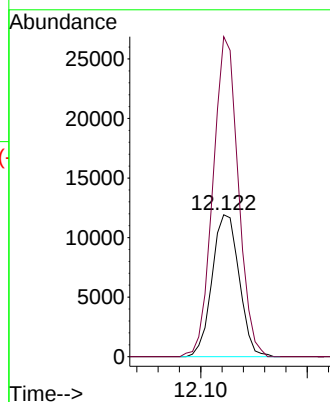
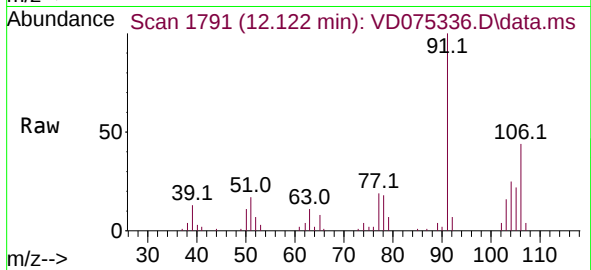




#69
o-Xylene
Concen: 19.325 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

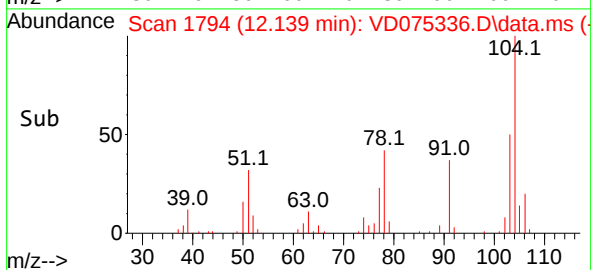
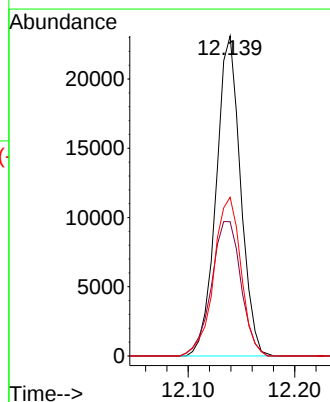
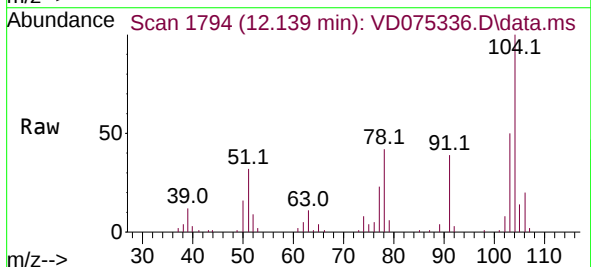
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

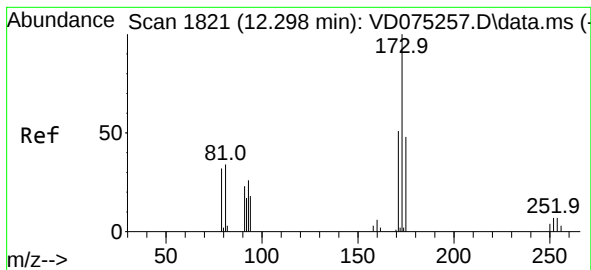
Tgt Ion:106 Resp: 20989
Ion Ratio Lower Upper
106 100
91 210.9 103.6 310.9



#70
Styrene
Concen: 19.965 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion:104 Resp: 36733
Ion Ratio Lower Upper
104 100
78 50.8 38.9 58.3
103 55.0 43.6 65.4





#71

Bromoform

Concen: 19.327 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBSD01

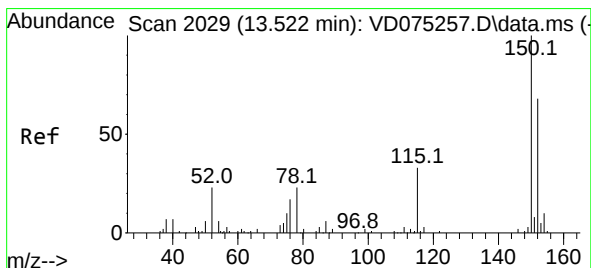
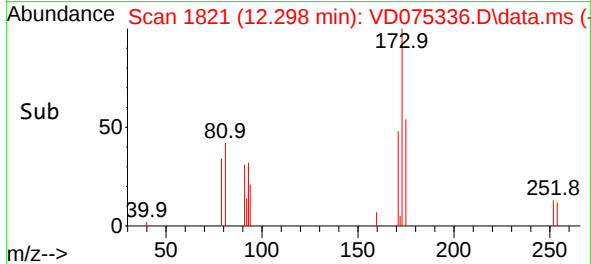
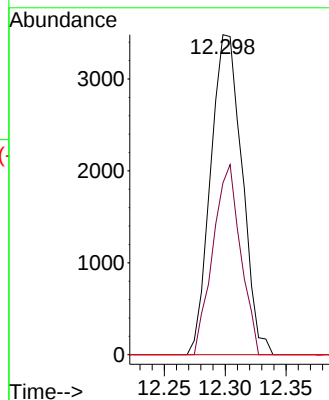
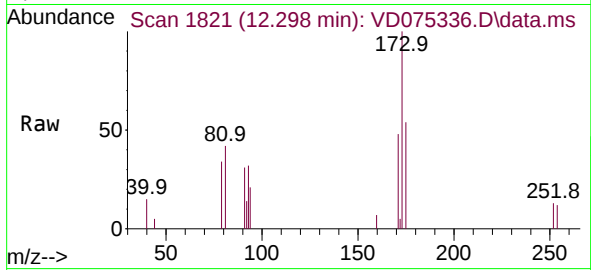
Tgt Ion:173 Resp: 6258

Ion Ratio Lower Upper

173 100

175 52.2 25.4 76.0

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: VD075336.D

Acq: 14 Feb 2023 11:53

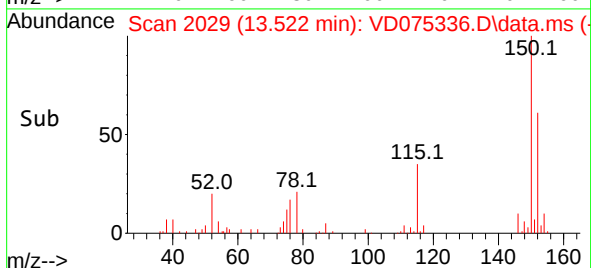
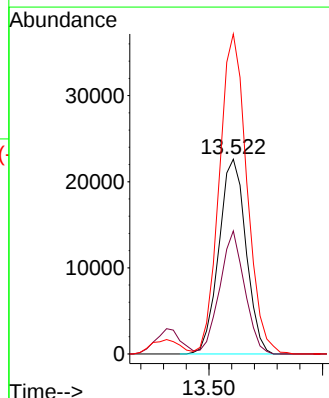
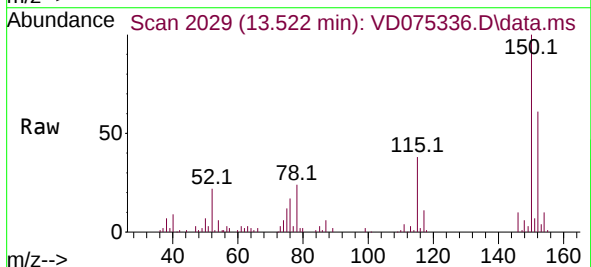
Tgt Ion:152 Resp: 37476

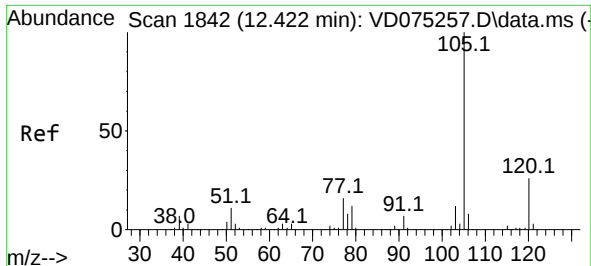
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.4

150 167.2 0.0 348.6

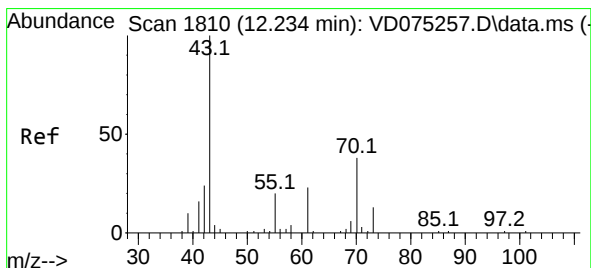
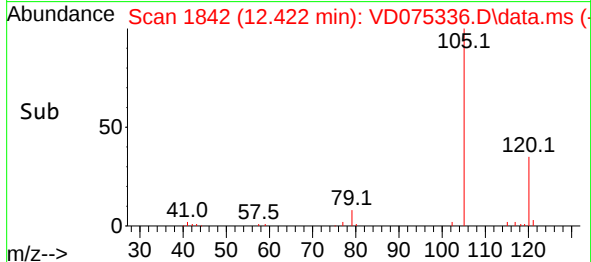
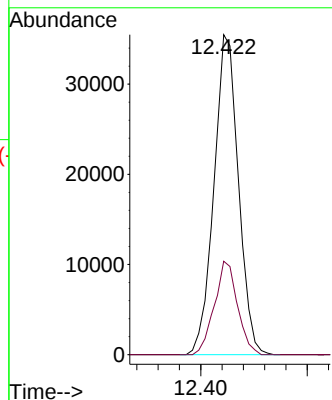
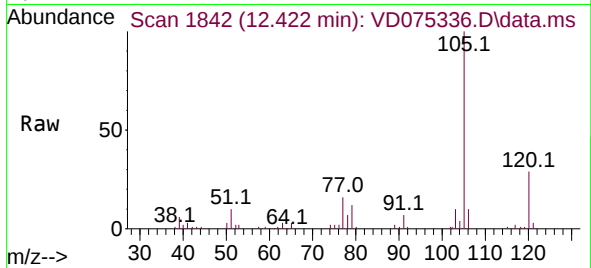




#73
Isopropylbenzene
Concen: 18.590 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

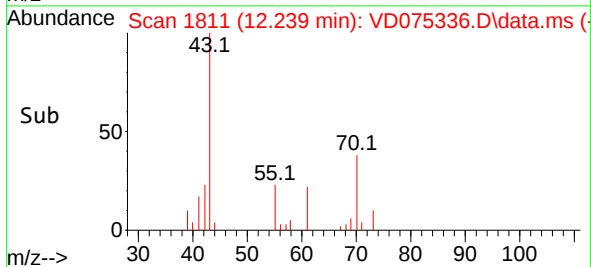
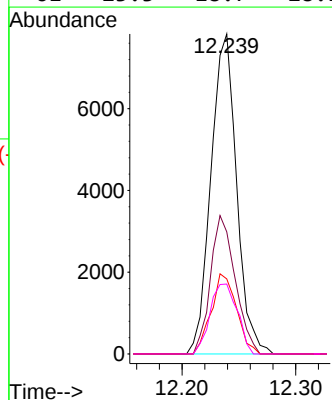
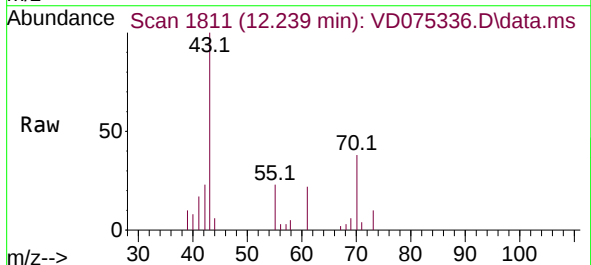
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

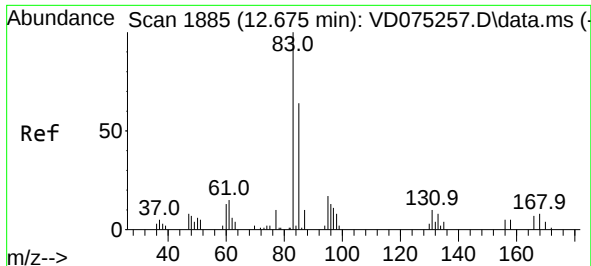
Tgt Ion:105 Resp: 56440
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.1



#74
N-ethyl acetate
Concen: 18.001 ug/l
RT: 12.239 min Scan# 1811
Delta R.T. 0.005 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 43 Resp: 12281
Ion Ratio Lower Upper
43 100
70 41.7 32.6 49.0
55 24.8 17.8 26.8
61 23.3 18.7 28.1

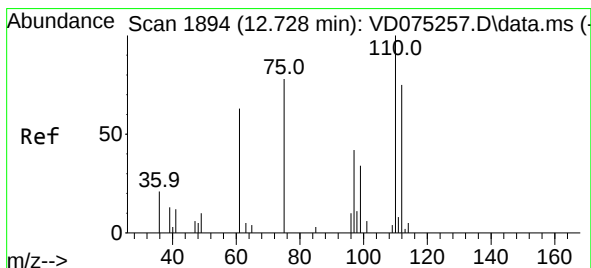
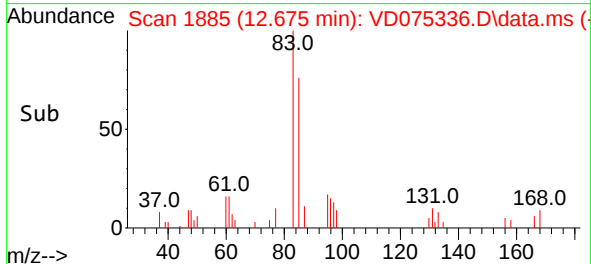
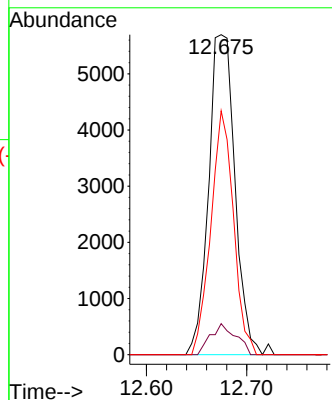
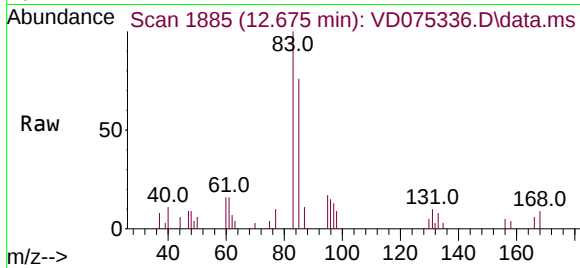




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.788 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD075336.D
 Acq: 14 Feb 2023 11:53

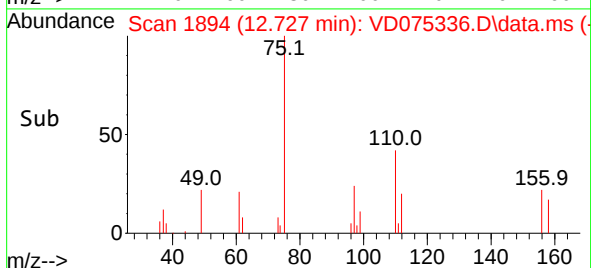
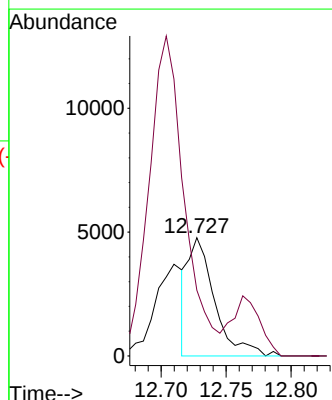
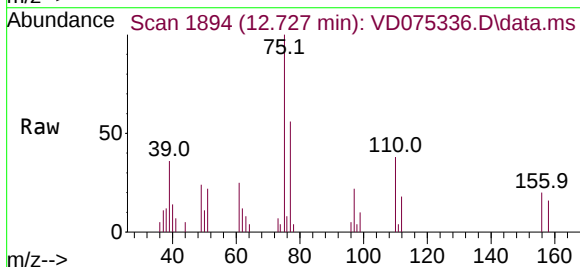
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBSD01

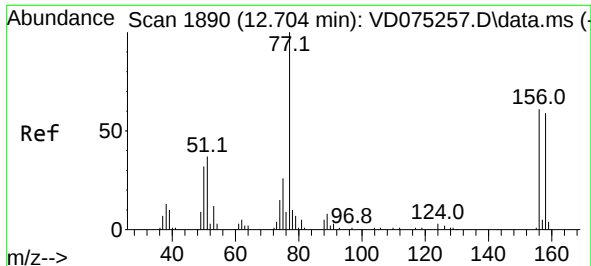
Tgt Ion: 83 Resp: 10452
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.9 14.6
 85 65.1 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 16.003 ug/l m
 RT: 12.727 min Scan# 1894
 Delta R.T. -0.001 min
 Lab File: VD075336.D
 Acq: 14 Feb 2023 11:53

Tgt Ion: 75 Resp: 6812
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

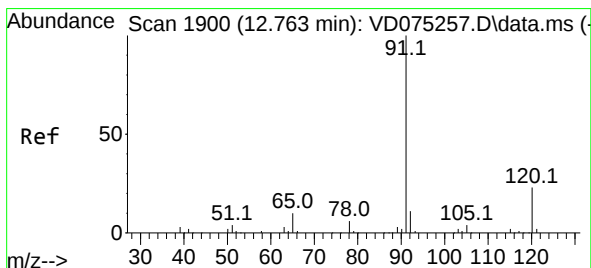
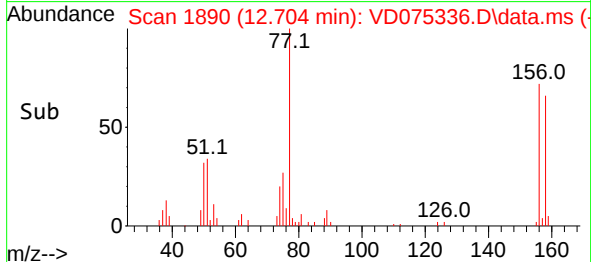
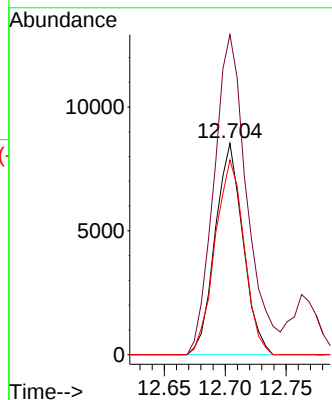
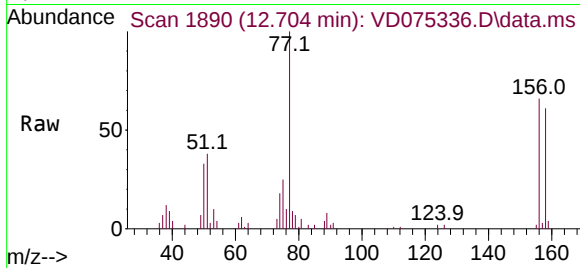




#77
Bromobenzene
Concen: 19.790 ug/l
RT: 12.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

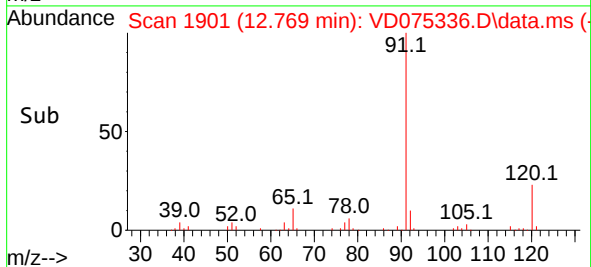
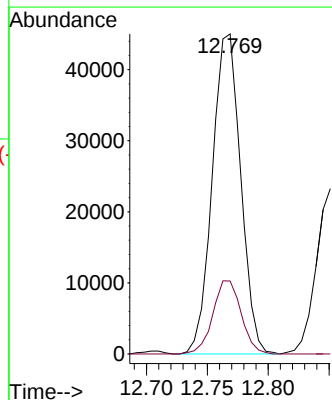
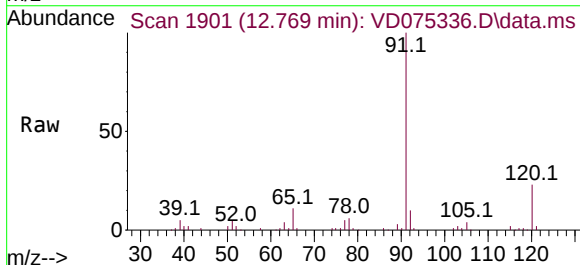
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

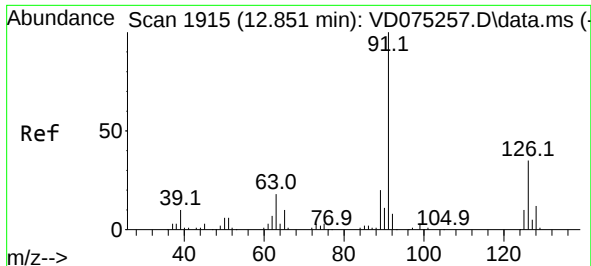
Tgt Ion:156 Resp: 13605
Ion Ratio Lower Upper
156 100
77 179.2 85.6 256.8
158 96.1 47.3 141.9



#78
n-propylbenzene
Concen: 19.374 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 91 Resp: 73190
Ion Ratio Lower Upper
91 100
120 22.8 11.7 35.0

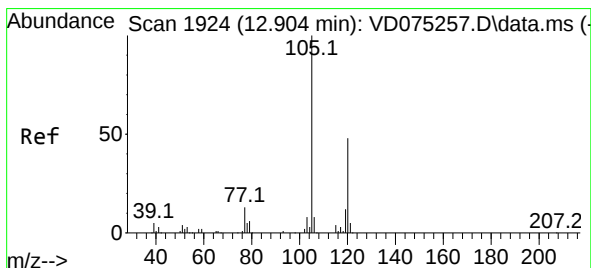
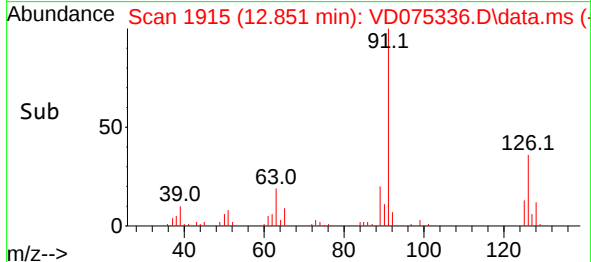
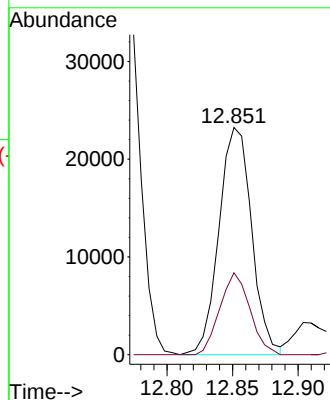
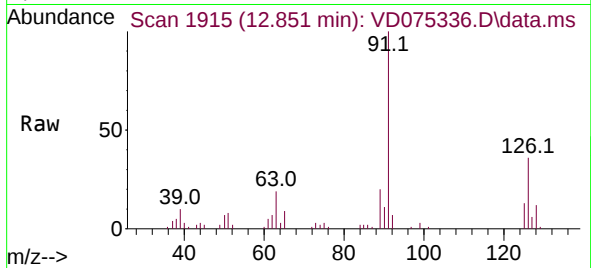




#79
2-Chlorotoluene
Concen: 19.465 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

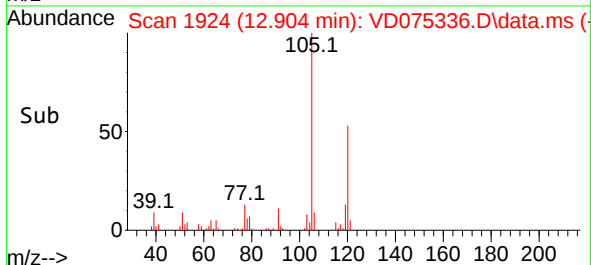
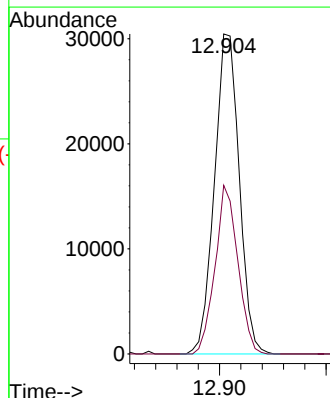
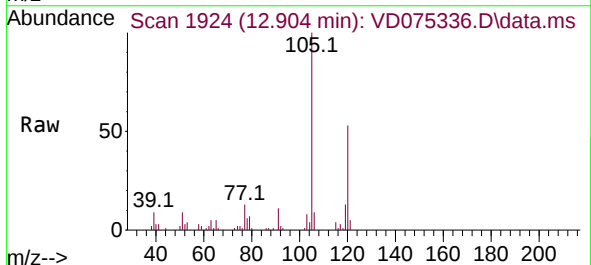
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

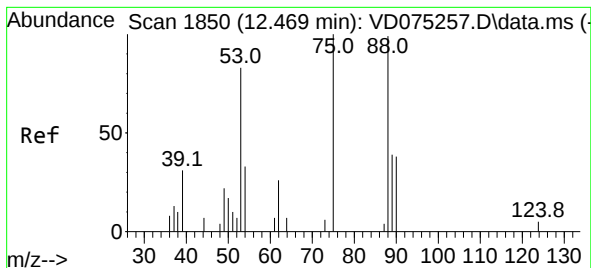
Tgt Ion: 91 Resp: 40333
Ion Ratio Lower Upper
91 100
126 33.1 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 19.440 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 105 Resp: 49143
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.8

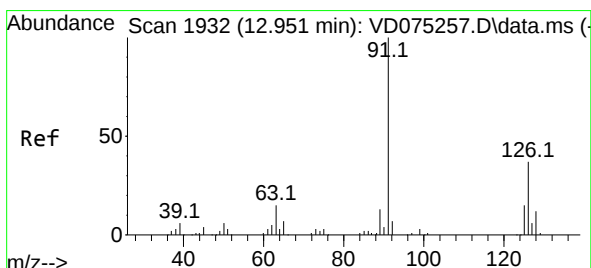
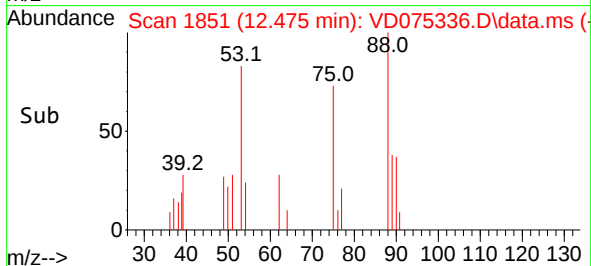
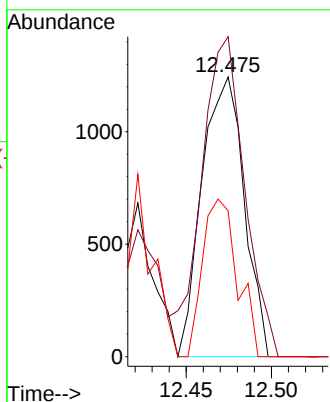
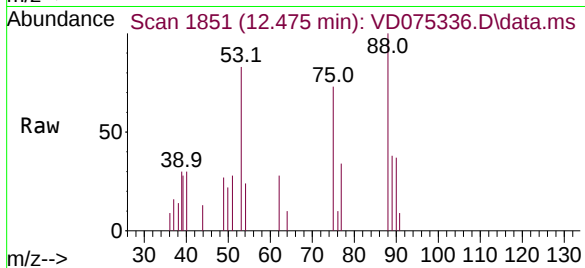




#81
trans-1,4-Dichloro-2-butene
Concen: 17.737 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

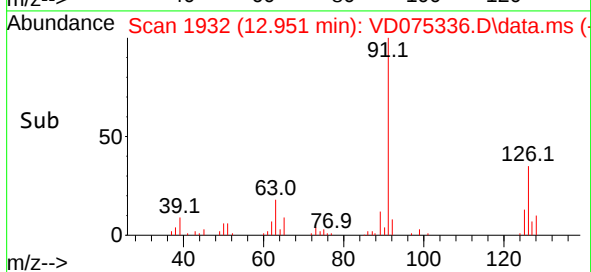
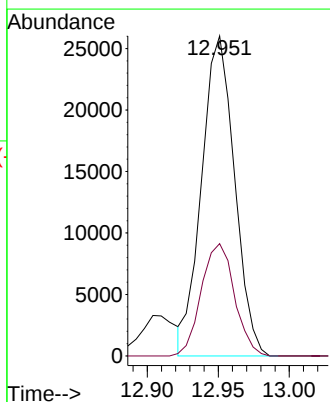
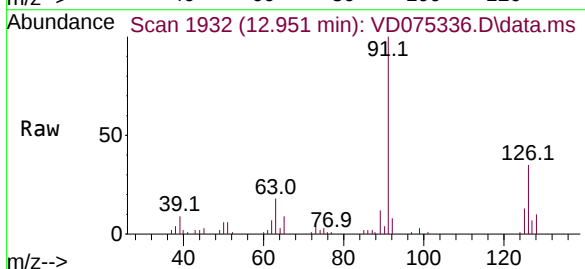
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

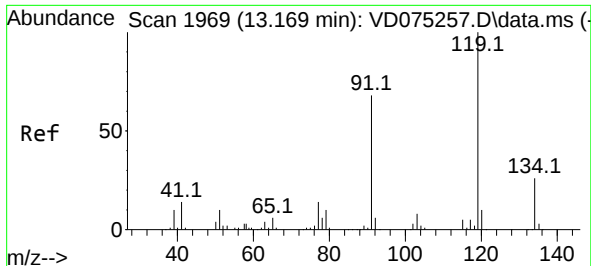
Tgt Ion: 75 Resp: 2141
Ion Ratio Lower Upper
75 100
53 117.7 70.5 105.7#
89 46.5 34.6 52.0



#82
4-Chlorotoluene
Concen: 19.428 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 91 Resp: 41995
Ion Ratio Lower Upper
91 100
126 35.4 17.3 52.0

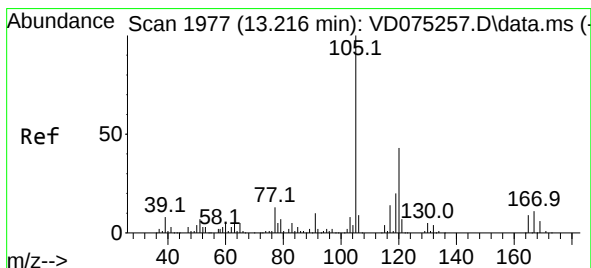
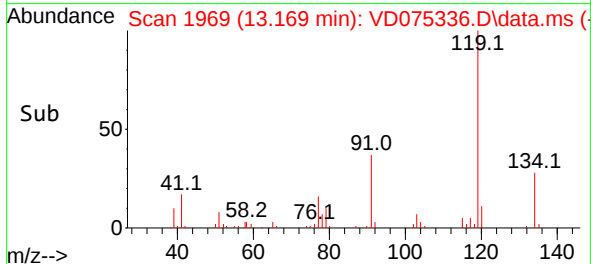
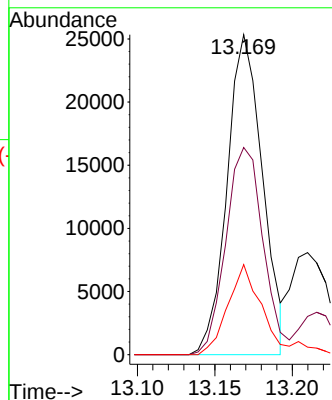
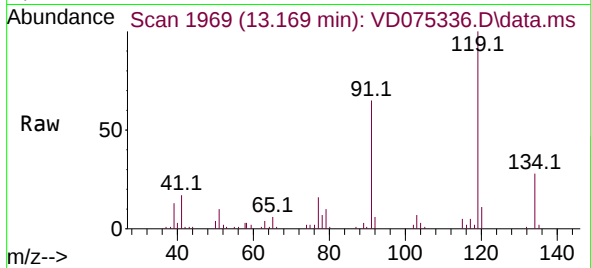




#83
tert-Butylbenzene
Concen: 18.492 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

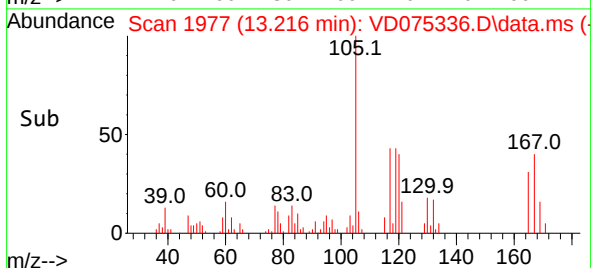
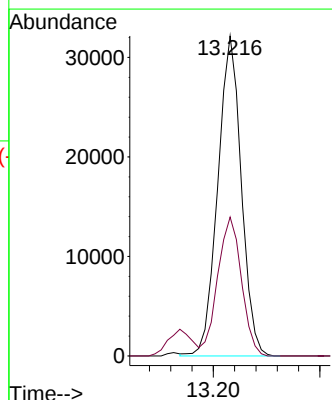
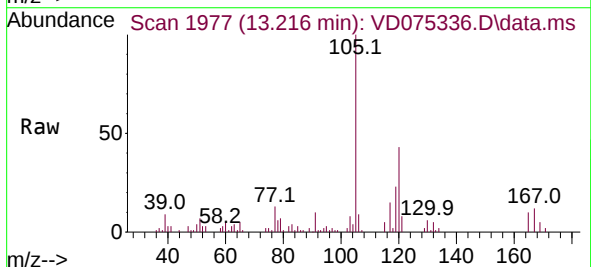
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

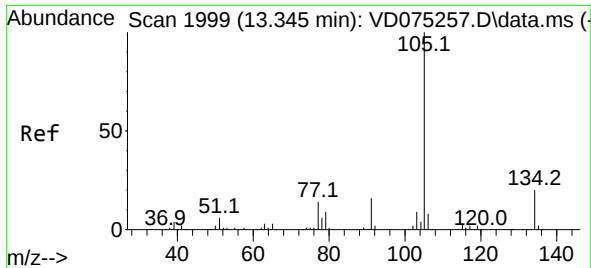
Tgt Ion:119 Resp: 40300
Ion Ratio Lower Upper
119 100
91 68.2 32.9 98.6
134 26.5 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 19.464 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion:105 Resp: 49144
Ion Ratio Lower Upper
105 100
120 44.0 23.2 69.5

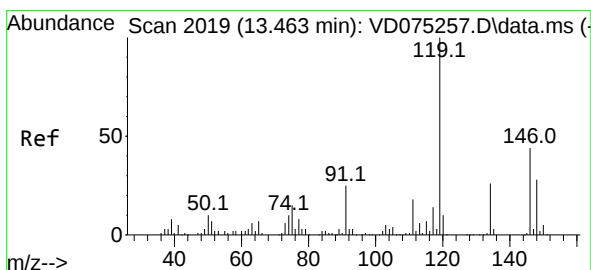
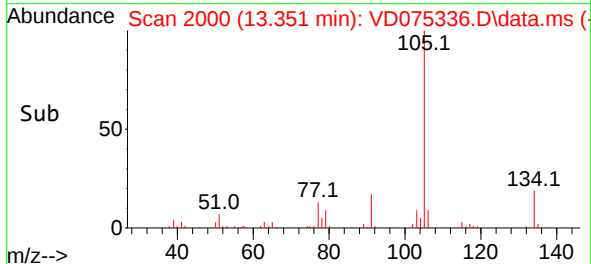
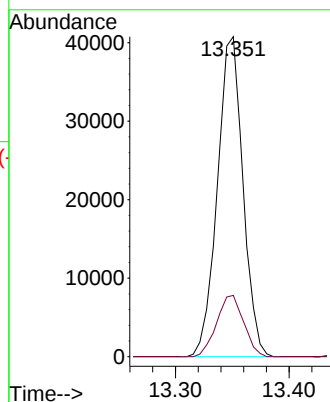
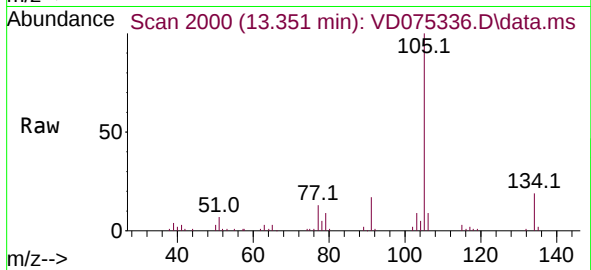




#85
 sec-Butylbenzene
 Concen: 19.061 ug/l
 RT: 13.351 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD075336.D
 Acq: 14 Feb 2023 11:53

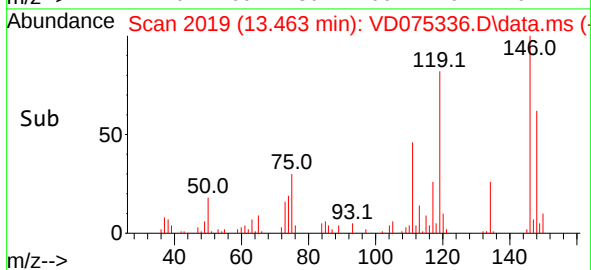
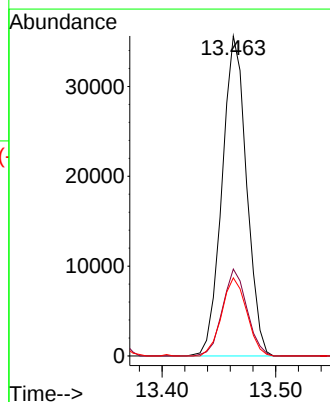
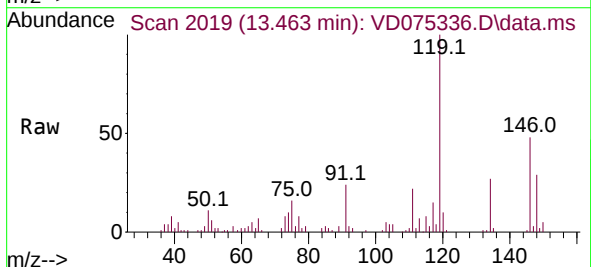
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBSD01

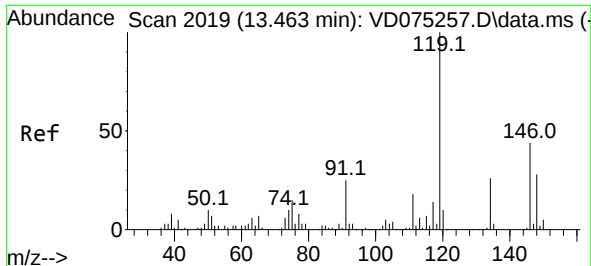
Tgt Ion:105 Resp: 63727
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.513 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075336.D
 Acq: 14 Feb 2023 11:53

Tgt Ion:119 Resp: 53364
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 24.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.136 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBSD01

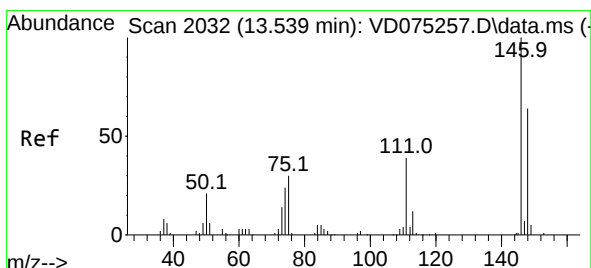
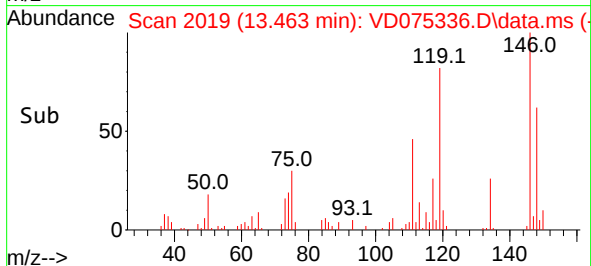
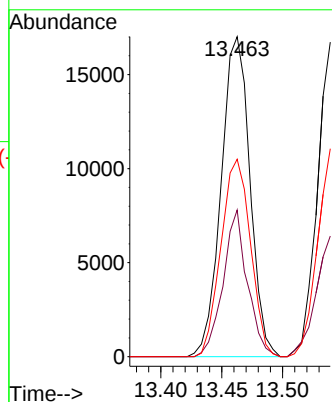
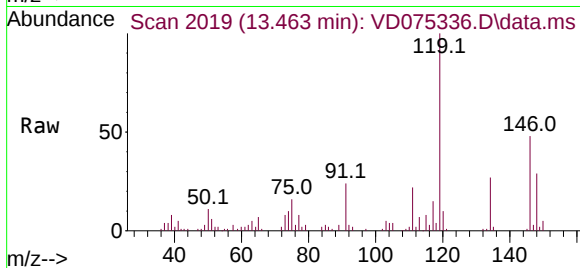
Tgt Ion:146 Resp: 27979

Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.9

148 63.4 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 19.863 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075336.D

Acq: 14 Feb 2023 11:53

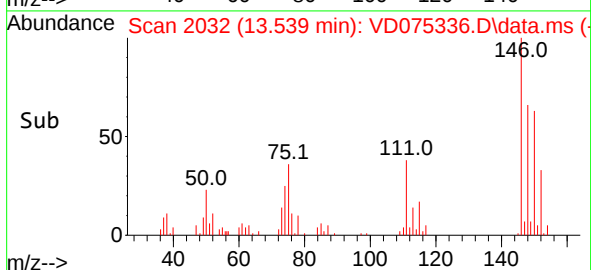
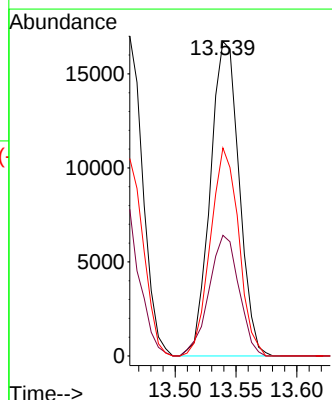
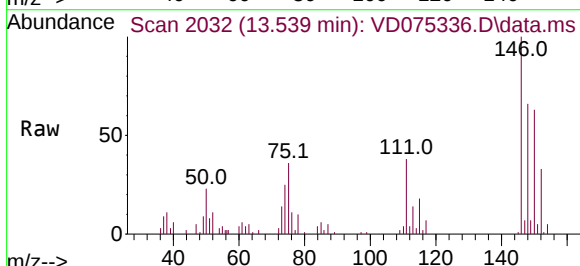
Tgt Ion:146 Resp: 27617

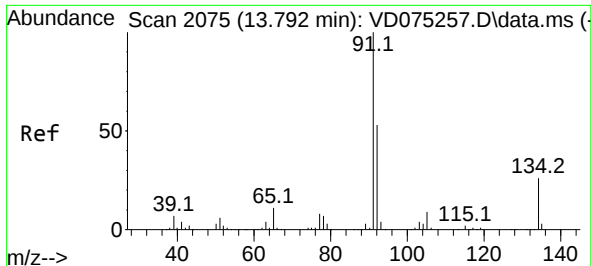
Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.1

148 64.9 31.9 95.5

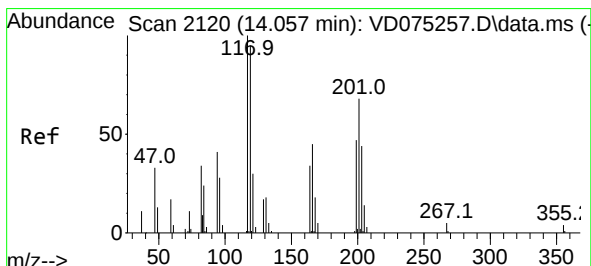
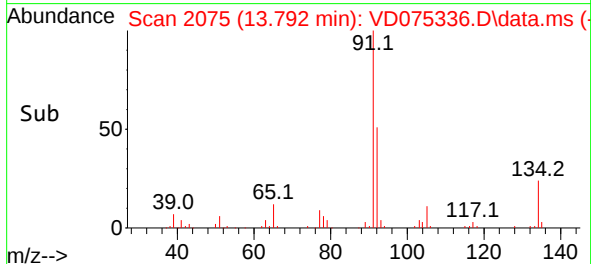
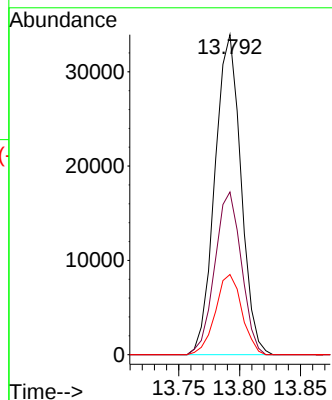
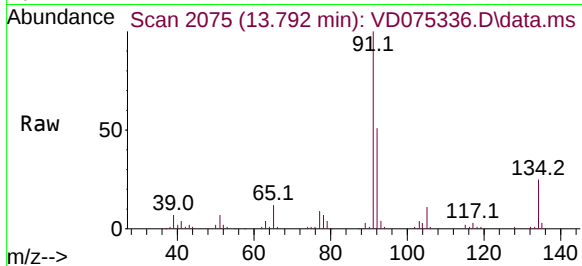




#89
n-Butylbenzene
Concen: 18.925 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

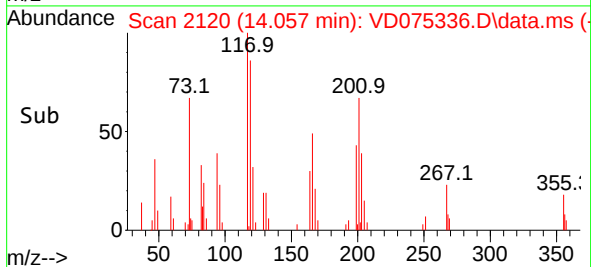
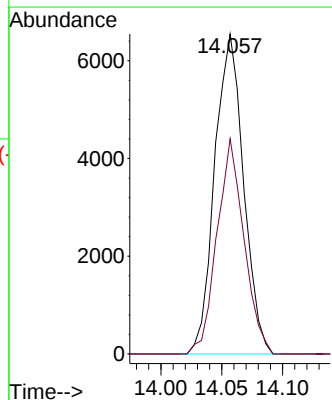
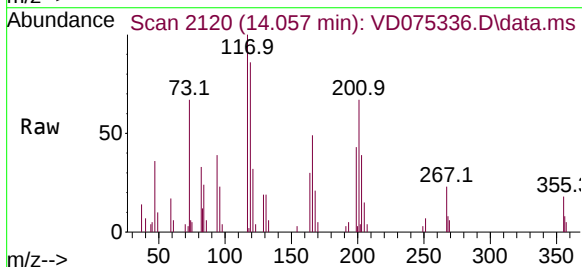
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

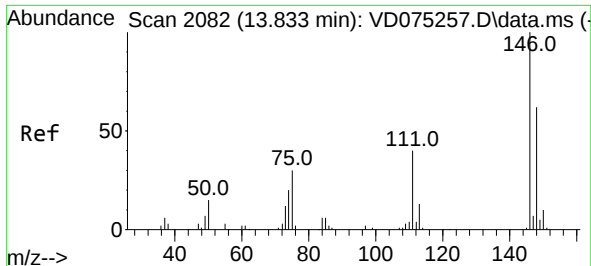
Tgt Ion: 91	Resp: 50529
Ion Ratio	Lower Upper
91	100
92	51.9 26.8 80.3
134	25.5 13.3 39.8



#90
Hexachloroethane
Concen: 19.977 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 117	Resp: 10771
Ion Ratio	Lower Upper
117	100
201	63.3 35.1 105.5

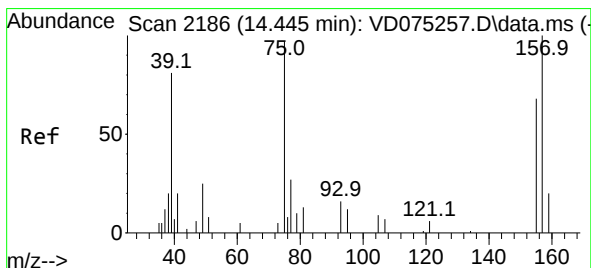
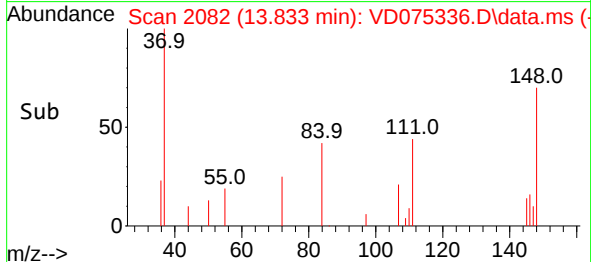
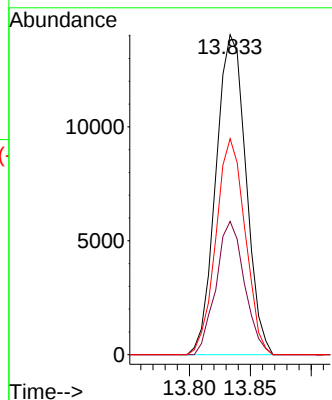
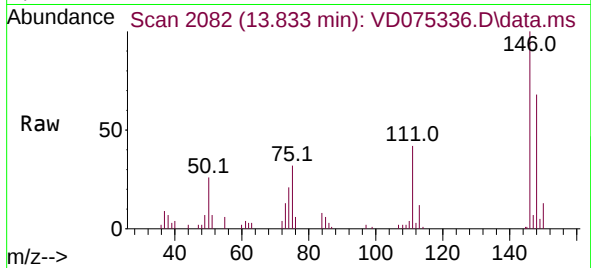




#91
1,2-Dichlorobenzene
Concen: 19.999 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

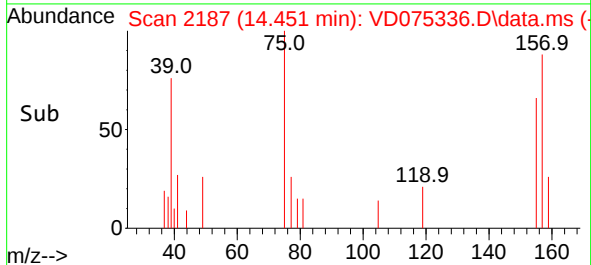
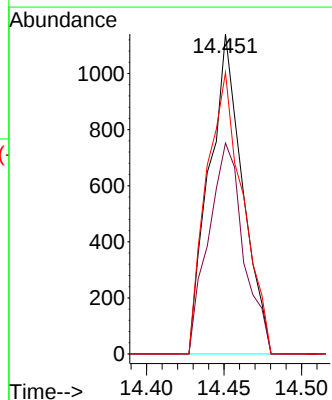
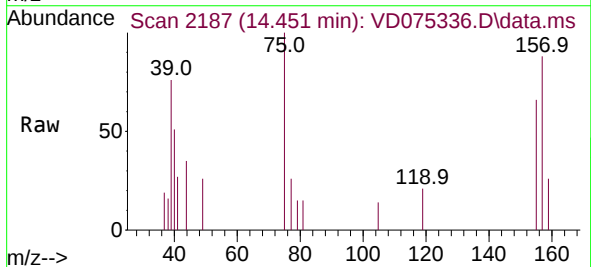
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

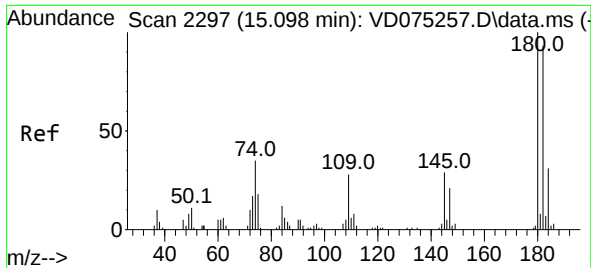
Tgt Ion:146 Resp: 24112
Ion Ratio Lower Upper
146 100
111 39.5 20.4 61.2
148 65.7 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.751 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion: 75 Resp: 1700
Ion Ratio Lower Upper
75 100
155 69.7 43.4 130.2
157 96.2 56.4 169.2

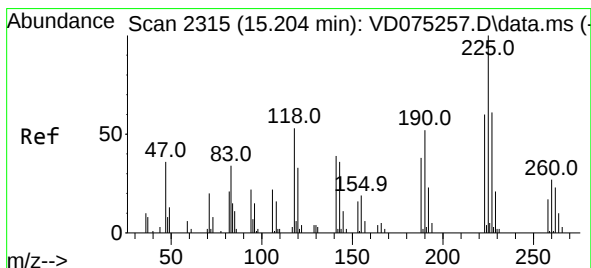
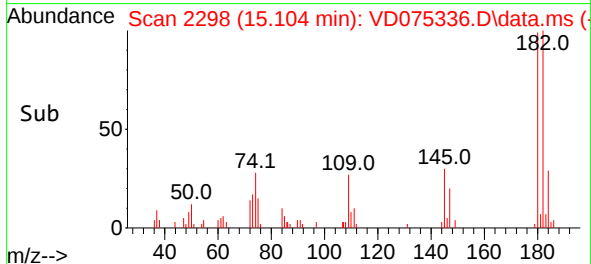
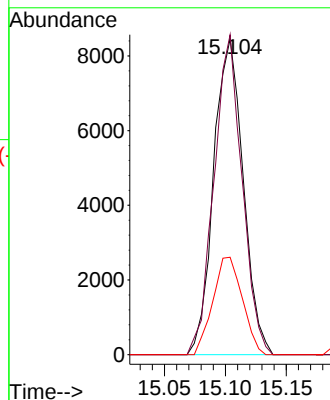
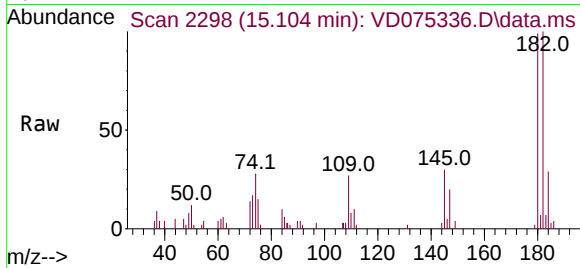




#93
1,2,4-Trichlorobenzene
Concen: 18.895 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

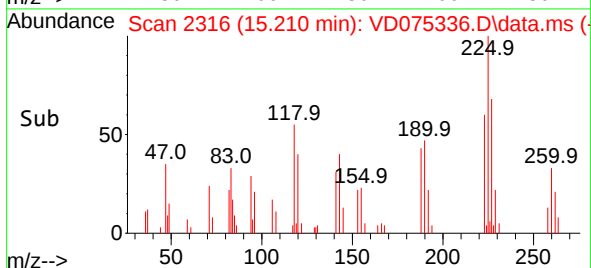
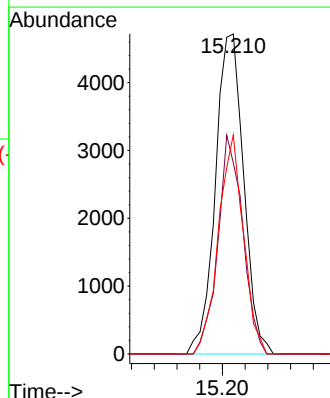
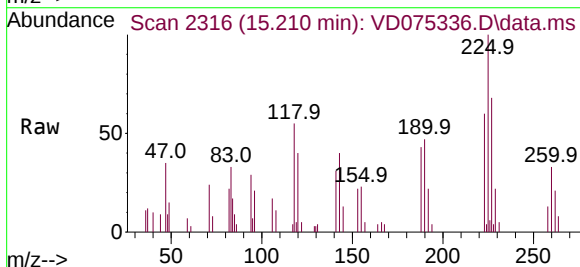
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

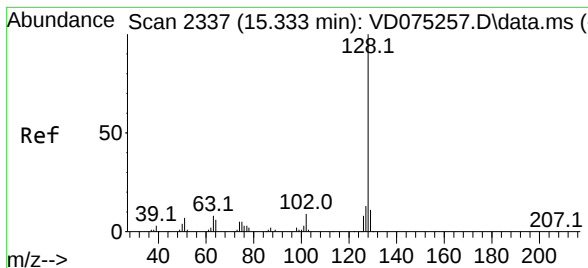
Tgt Ion:180 Resp: 14268
Ion Ratio Lower Upper
180 100
182 96.3 46.2 138.6
145 30.8 15.8 47.4



#94
Hexachlorobutadiene
Concen: 20.458 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion:225 Resp: 8150
Ion Ratio Lower Upper
225 100
223 60.2 31.8 95.4
227 60.5 30.7 92.1

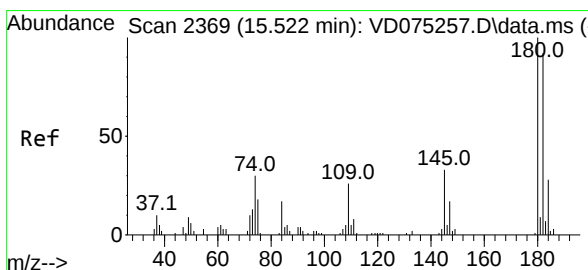
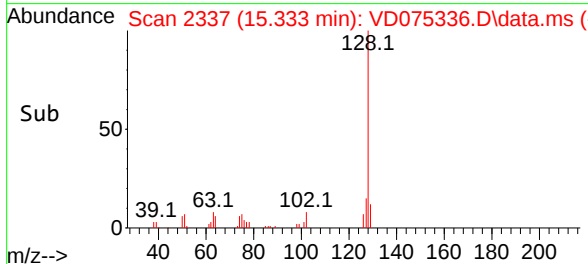
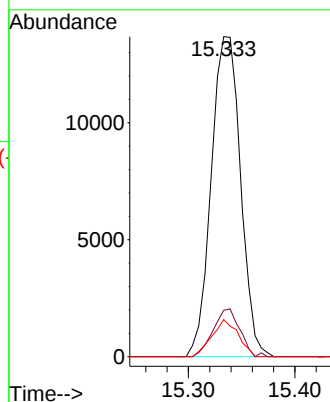
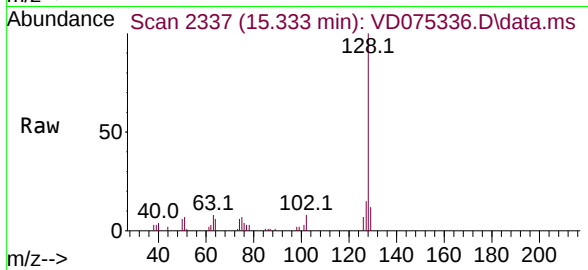




#95
Naphthalene
Concen: 18.580 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Instrument :
MSVOA_D
ClientSampleId :
VD0214SBSD01

Tgt Ion:	128	Resp:	26113
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	10.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.769 ug/l
RT: 15.527 min Scan# 2370
Delta R.T. 0.005 min
Lab File: VD075336.D
Acq: 14 Feb 2023 11:53

Tgt Ion:	180	Resp:	12228
Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.0	141.0
145	32.7	16.1	48.3

