

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069332.D
 Acq On : 03 Jun 2021 18:35
 Operator : VA/SY
 Sample : M2583-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 04 09:37:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	321372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	554477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	492737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	204955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	155247	50.35	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.70%			
35) Dibromofluoromethane	7.914	113	170413	48.94	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.88%			
50) Toluene-d8	10.338	98	648510	51.22	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.44%			
62) 4-Bromofluorobenzene	12.626	95	215299	51.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.78%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	114	2.54	ug/l #	39
11) Tert butyl alcohol	5.220	59	3604	Below Cal	#	78
13) Acrolein	4.156	56	71	17.47	ug/l #	1
16) Acetone	4.150	43	293608	545.62	ug/l	99
17) Carbon Disulfide	4.414	76	19124	1.79	ug/l #	91
20) Methylene Chloride	4.973	84	18242	Below Cal	#	92
23) Vinyl Acetate	6.267	43	65	11.62	ug/l #	67
25) 2-Butanone	7.214	43	35873	50.66	ug/l	91
29) Tetrahydrofuran	7.573	42	1105	2.72	ug/l #	59
30) Chloroform	7.714	83	10285	1.51	ug/l #	12
31) Cyclohexane	7.955	56	191345	39.05	ug/l #	40
36) 1,1-Dichloropropene	7.979	75	24179	4.49	ug/l #	49
37) Ethyl Acetate	7.214	43	35873	19.60	ug/l #	69
38) Carbon Tetrachloride	7.979	117	32211	5.54	ug/l #	14
39) Methylcyclohexane	9.355	83	34152	6.19	ug/l	95
40) Benzene	8.355	78	29974	1.91	ug/l #	89
42) 1,2-Dichloroethane	8.426	62	8138	1.95	ug/l #	72
43) Isopropyl Acetate	8.450	43	55449	16.65	ug/l #	46
48) Methyl methacrylate	9.532	41	4531	2.93	ug/l	99
49) 1,4-Dioxane	9.185	88	60	2.87	ug/l #	27
51) 4-Methyl-2-Pentanone	10.226	43	88497	51.45	ug/l	100
52) Toluene	10.402	92	2030663	205.53	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	22792	4.65	ug/l #	1
55) 1,1,2-Trichloroethane	10.767	97	8206	2.78	ug/l #	20
56) Ethyl methacrylate	10.679	69	2761	3.41	ug/l #	44
59) 2-Hexanone	10.973	43	5248	4.56	ug/l	70
67) Ethyl Benzene	11.743	91	197076	11.39	ug/l	99
68) m/p-Xylenes	11.849	106	387457	57.16	ug/l	100
69) o-Xylene	12.179	106	178782	29.82	ug/l	99
70) Styrene	12.190	104	101172	9.72	ug/l #	82
73) Isopropylbenzene	12.479	105	34972	2.49	ug/l	86
74) N-amyl acetate	12.249	43	23676	9.56	ug/l #	47
76) 1,2,3-Trichloropropane	12.626	75	103653	58.21	ug/l #	1
78) n-propylbenzene	12.814	91	22407	1.30	ug/l	96
80) 1,3,5-Trimethylbenzene	12.955	105	100198	8.43	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	103653	128.99	ug/l #	18

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

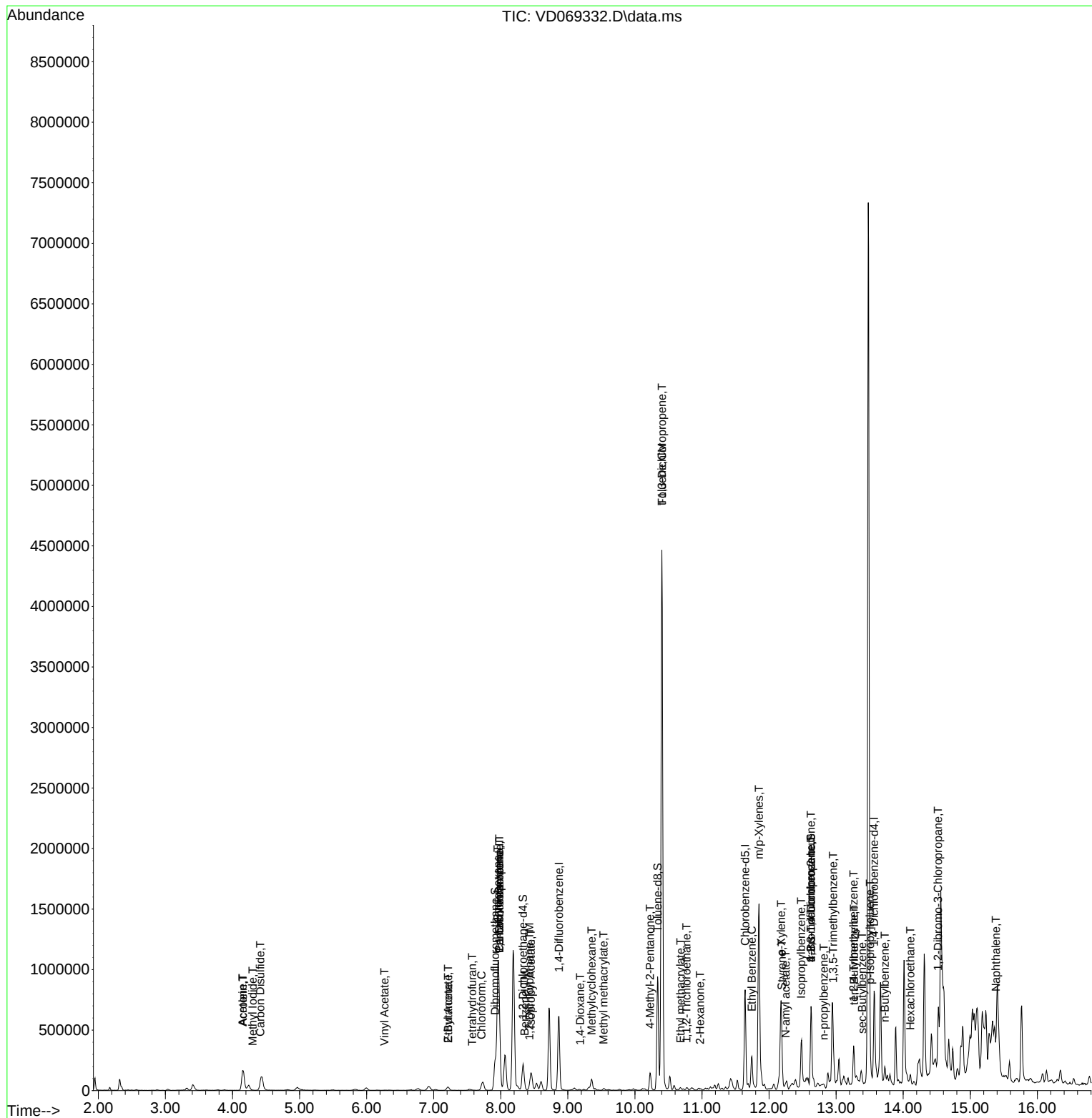
83) tert-Butylbenzene	13.267	119	24966	2.51	ug/l #	53
84) 1,2,4-Trimethylbenzene	13.261	105	186168	15.76	ug/l	98
85) sec-Butylbenzene	13.390	105	15730	1.07	ug/l #	59
86) p-Isopropyltoluene	13.508	119	206917	16.12	ug/l #	77
89) n-Butylbenzene	13.726	91	21360	1.78	ug/l	83
90) Hexachloroethane	14.108	117	3774	1.55	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.520	75	705	1.69	ug/l #	1
95) Naphthalene	15.384	128	21278	6.14	ug/l #	75

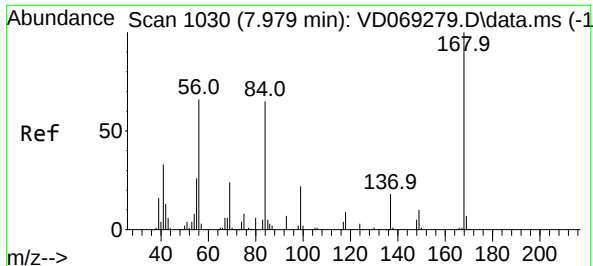
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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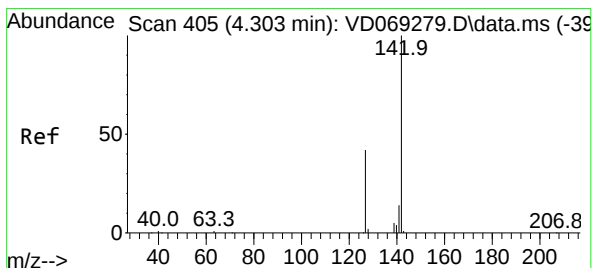
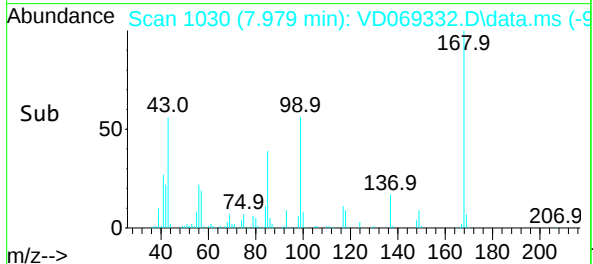
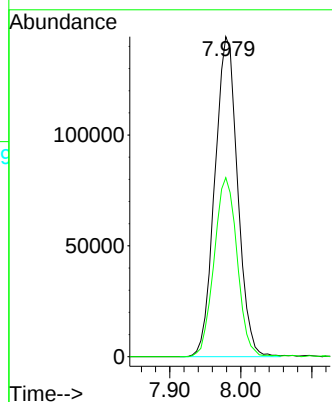
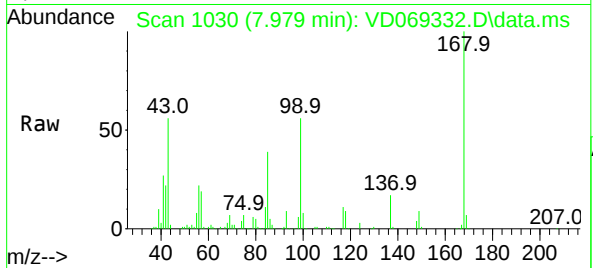




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

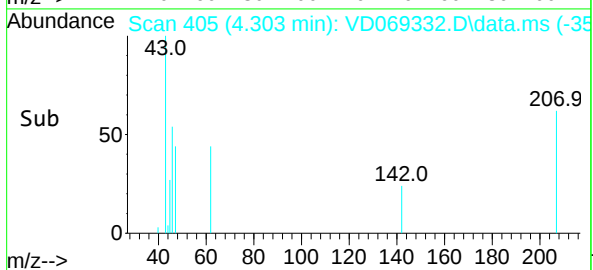
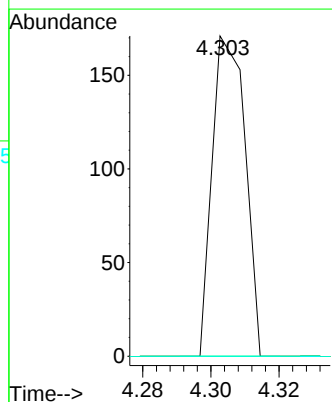
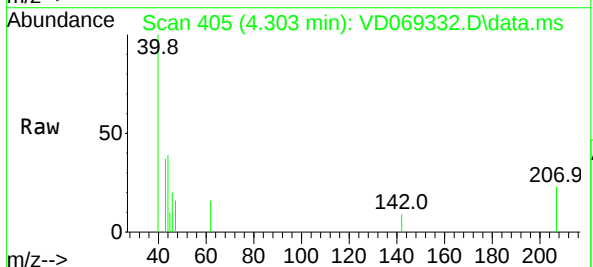
Instrument :
MSVOA_D
ClientSampled :

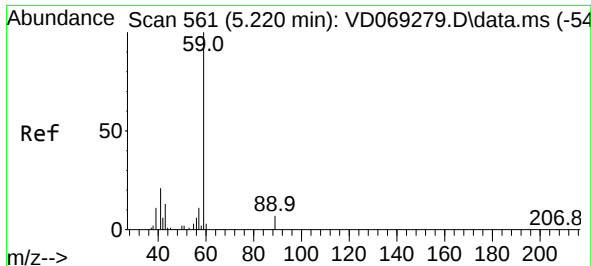
Tgt Ion:168 Resp: 321372
Ion Ratio Lower Upper
168 100
99 56.0 46.2 69.2



#10
Methyl Iodide
Concen: 2.54 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion:142 Resp: 114
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#

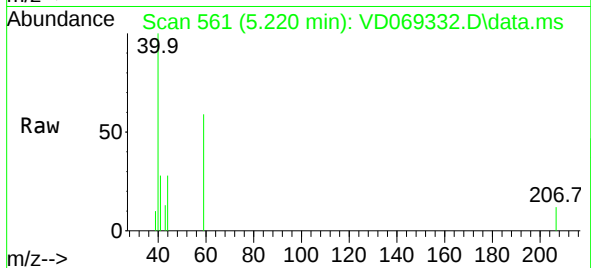




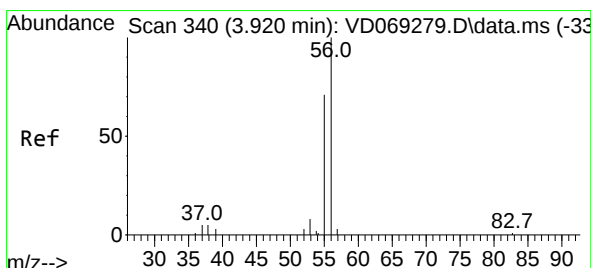
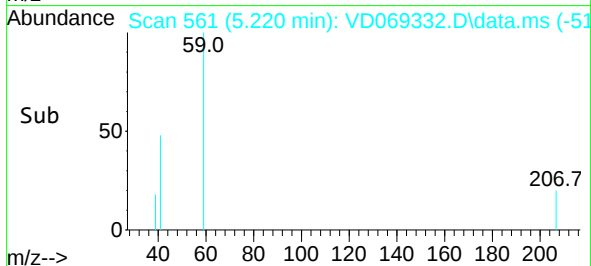
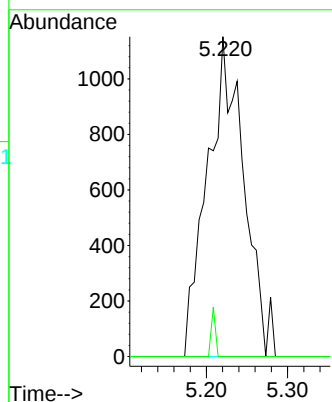
#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Instrument :
MSVOA_D
ClientSampled :

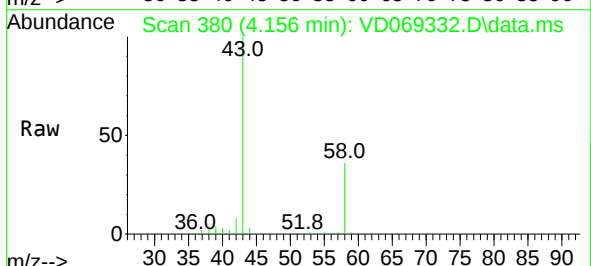


Tgt Ion: 59 Resp: 3604
Ion Ratio Lower Upper
59 100
57 1.7 7.8 11.8#

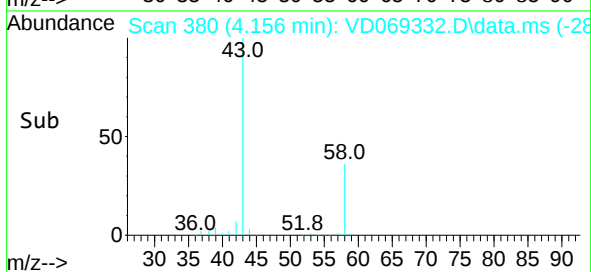
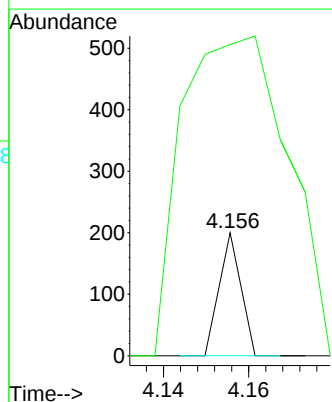


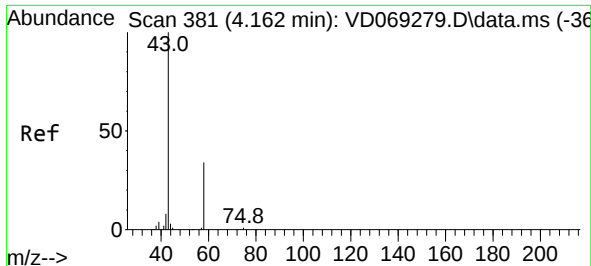
#13

Acrolein
Concen: 17.47 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.236 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35



Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 1362.0 53.8 80.8#

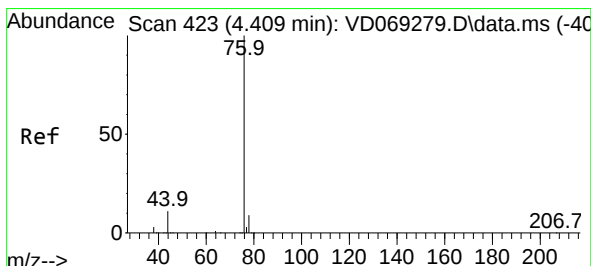
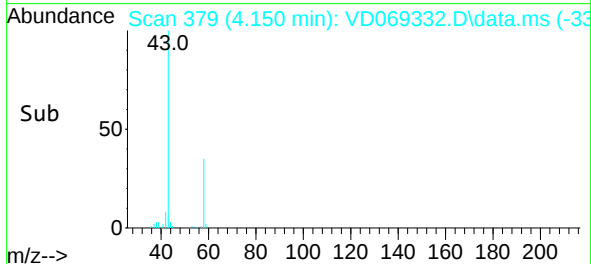
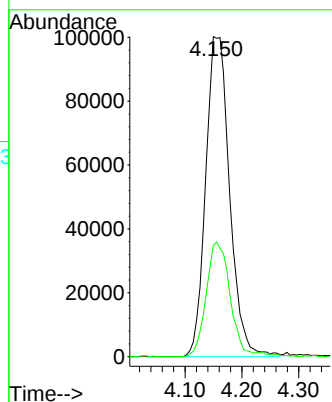
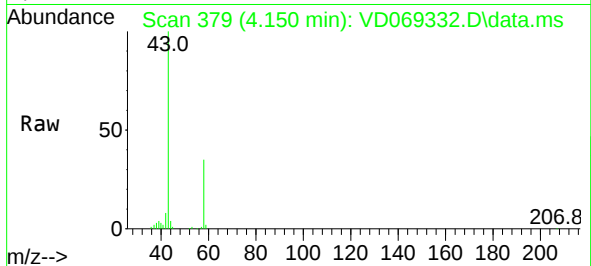




#16
Acetone
Concen: 545.62 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

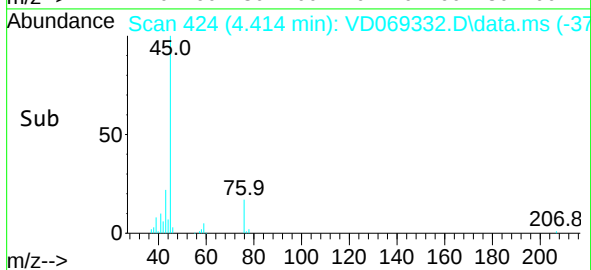
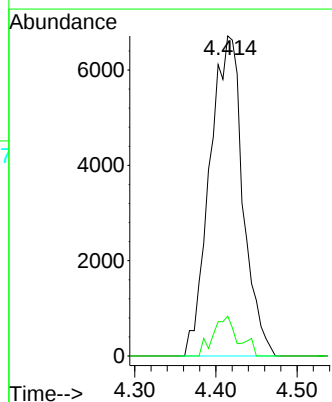
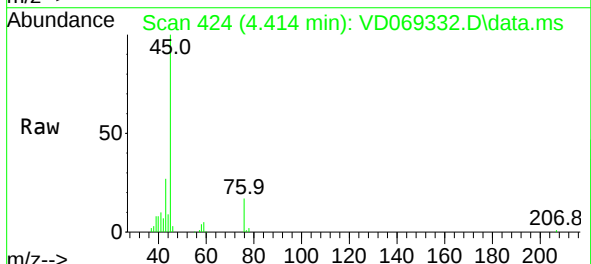
Instrument :
MSVOA_D
ClientSampled :

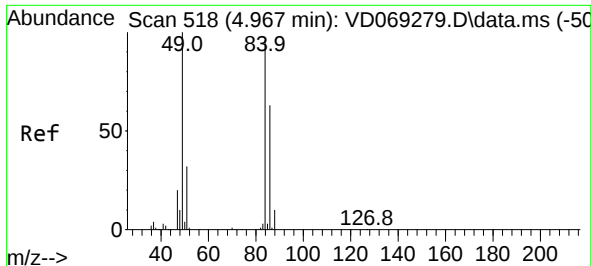
Tgt Ion: 43 Resp: 293608
Ion Ratio Lower Upper
43 100
58 34.8 27.5 41.3



#17
Carbon Disulfide
Concen: 1.79 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion: 76 Resp: 19124
Ion Ratio Lower Upper
76 100
78 12.4 7.4 11.0#

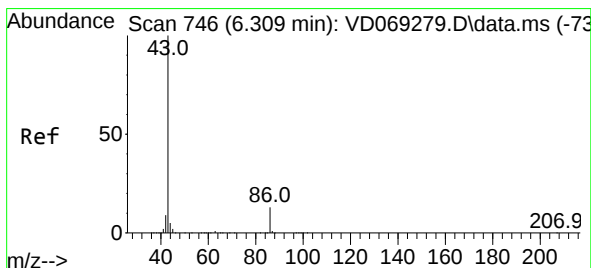
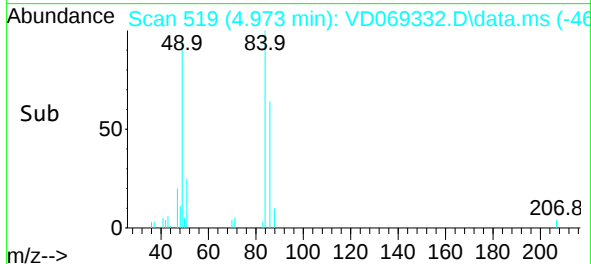
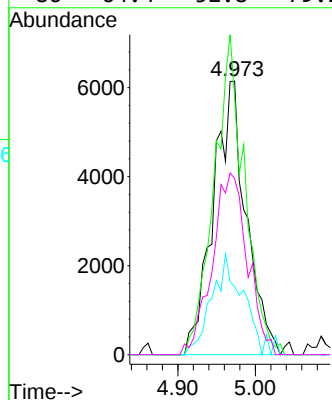
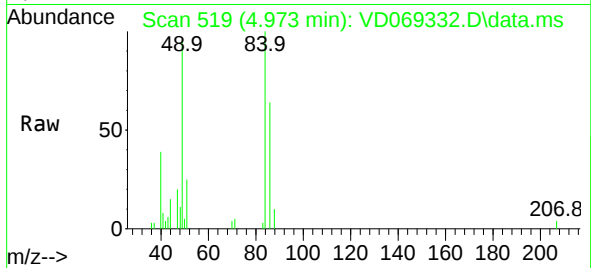




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

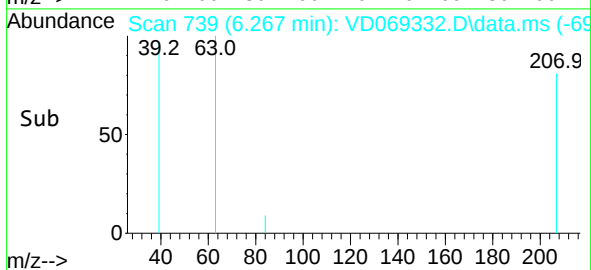
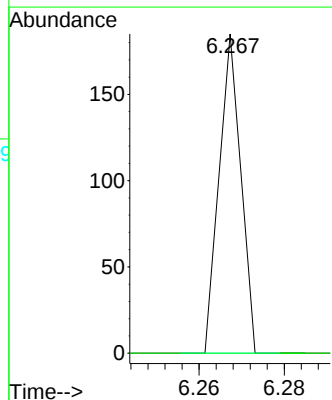
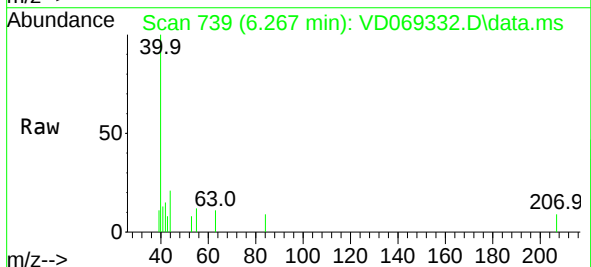
Instrument :
MSVOA_D
ClientSampled :

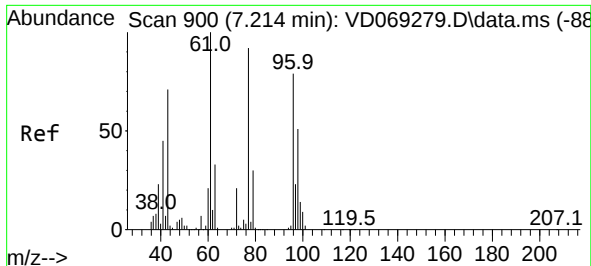
Tgt Ion:	84	Resp:	18242
Ion	Ratio	Lower	Upper
84	100		
49	94.5	83.7	125.5
51	24.9	26.4	39.6#
86	64.4	52.8	79.2



#23
Vinyl Acetate
Concen: 11.62 ug/l
RT: 6.267 min Scan# 739
Delta R.T. -0.042 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion:	43	Resp:	65
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.5	15.7#

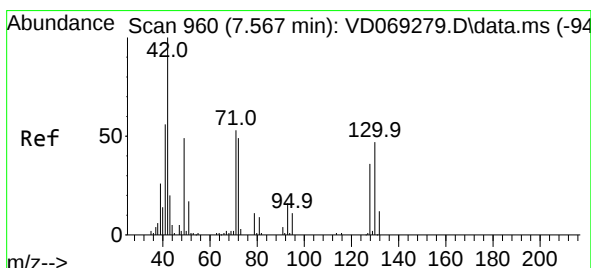
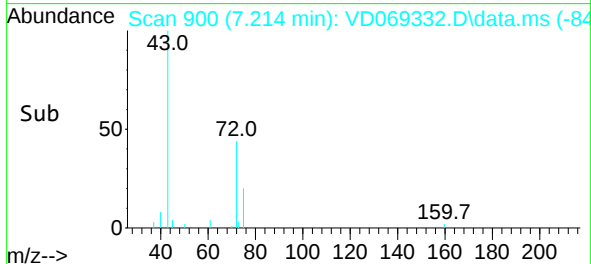
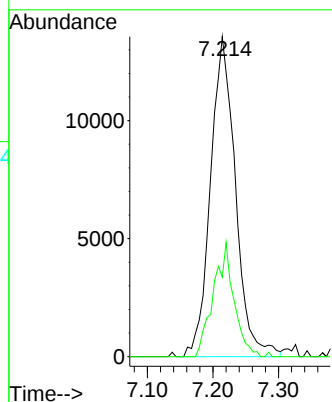
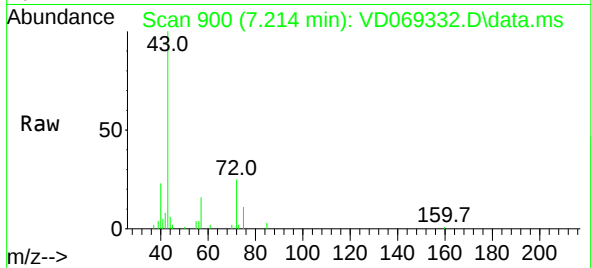




#25
2-Butanone
Concen: 50.66 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

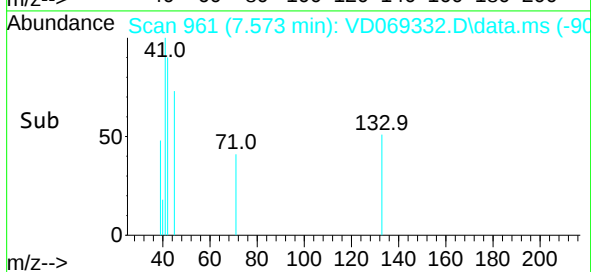
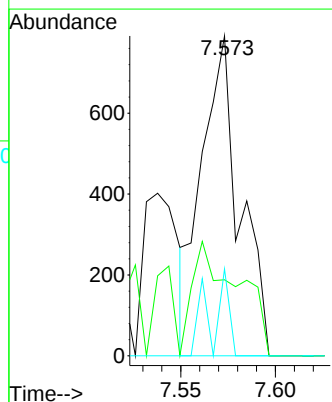
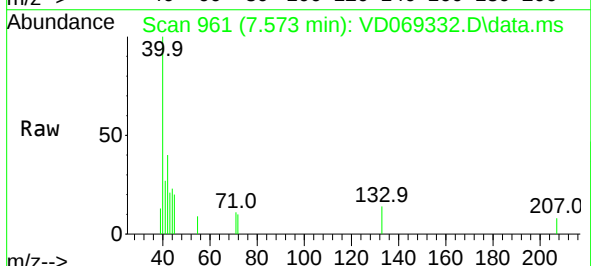
Instrument :
MSVOA_D
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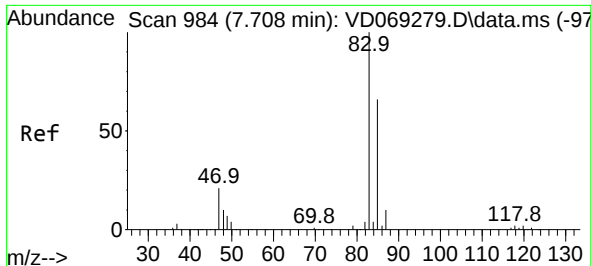
Tgt Ion: 43 Resp: 35873
Ion Ratio Lower Upper
43 100
72 25.3 23.9 35.9



#29
Tetrahydrofuran
Concen: 2.72 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.006 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion: 42 Resp: 1105
Ion Ratio Lower Upper
42 100
72 43.2 41.0 61.6
71 0.0 38.9 58.3#





#30

Chloroform

Concen: 1.51 ug/l

RT: 7.714 min Scan# 985

Delta R.T. 0.006 min

Lab File: VD069332.D

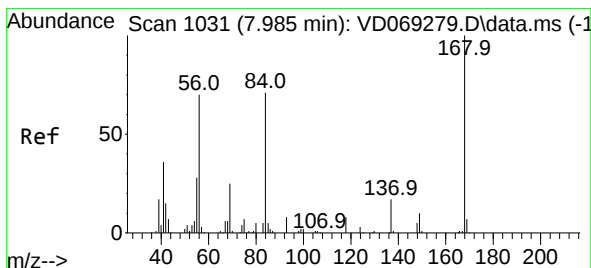
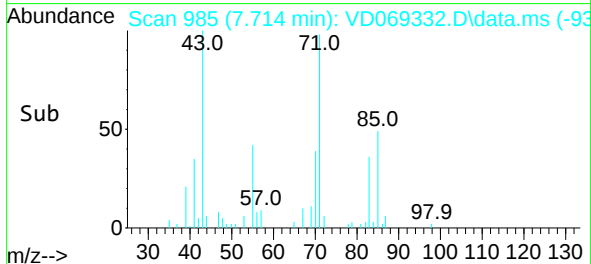
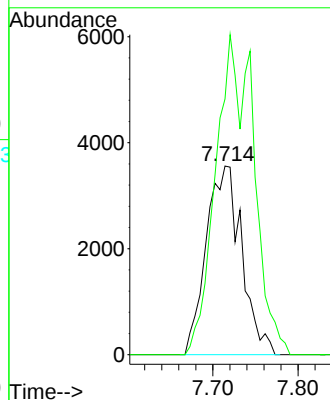
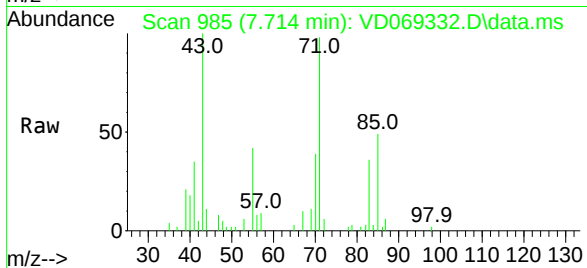
Acq: 03 Jun 2021 18:35

Tgt Ion: 83 Resp: 10285

Ion Ratio Lower Upper

83 100

85 135.5 52.6 78.8#



#31

Cyclohexane

Concen: 39.05 ug/l

RT: 7.955 min Scan# 1026

Delta R.T. -0.030 min

Lab File: VD069332.D

Acq: 03 Jun 2021 18:35

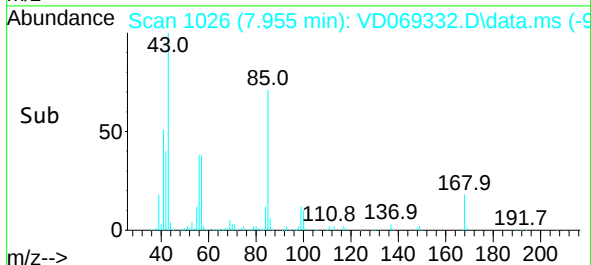
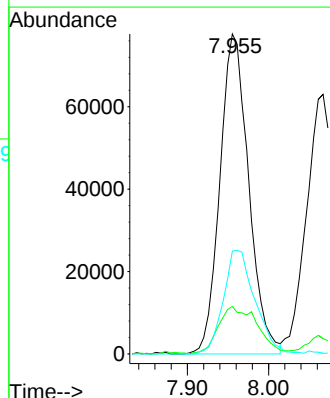
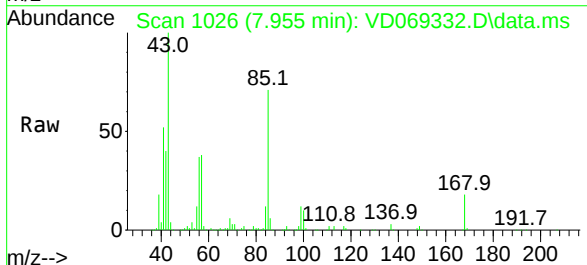
Tgt Ion: 56 Resp: 191345

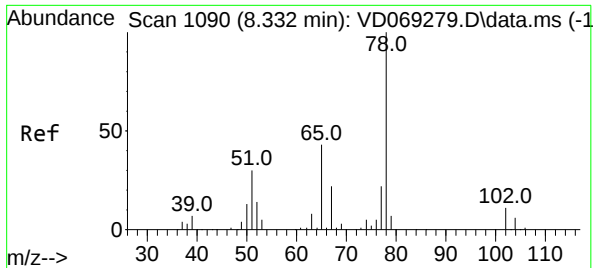
Ion Ratio Lower Upper

56 100

69 14.5 29.0 43.4#

84 32.2 81.1 121.7#

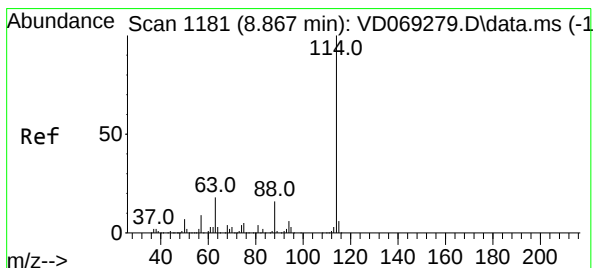
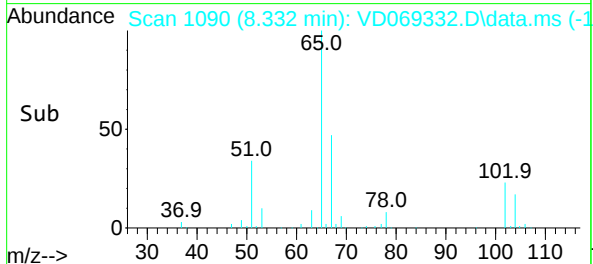
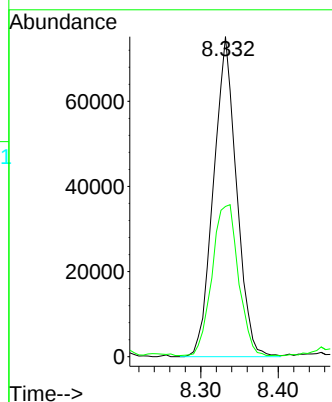
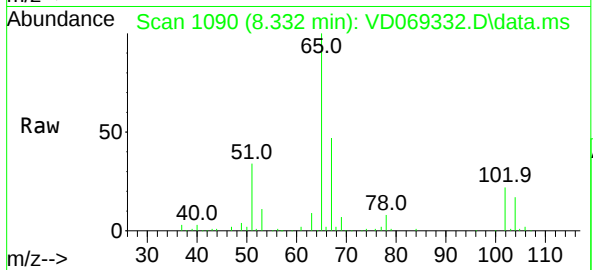




#33
1,2-Dichloroethane-d4
Concen: 50.35 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

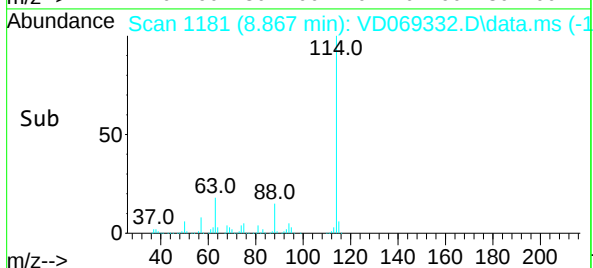
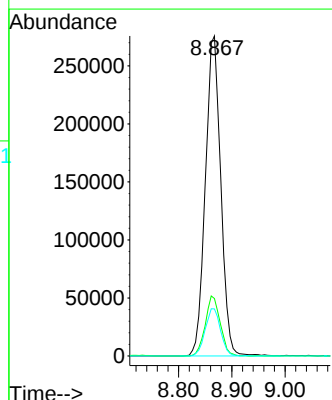
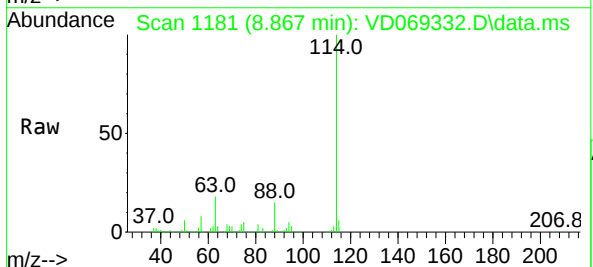
Instrument :
MSVOA_D
ClientSampleId :

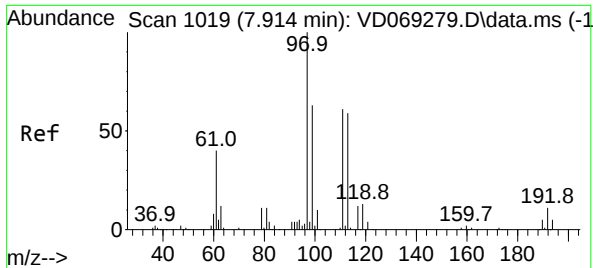
Tgt Ion: 65 Resp: 155247
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion:114 Resp: 554477
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.6
88 14.7 0.0 31.2

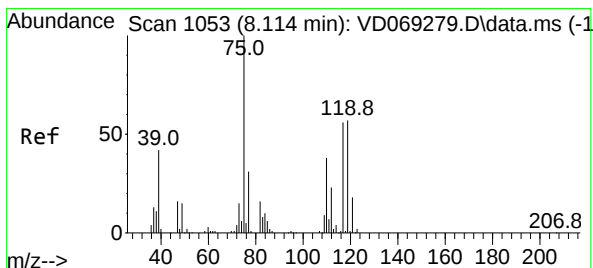
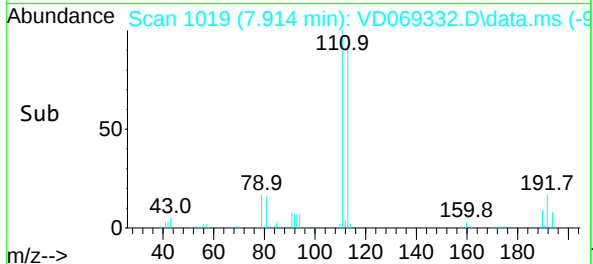
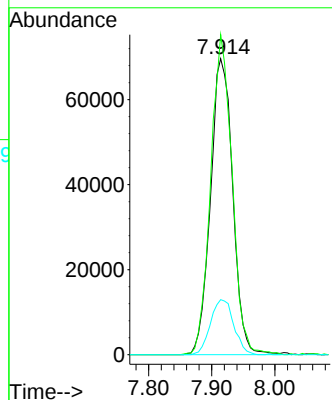
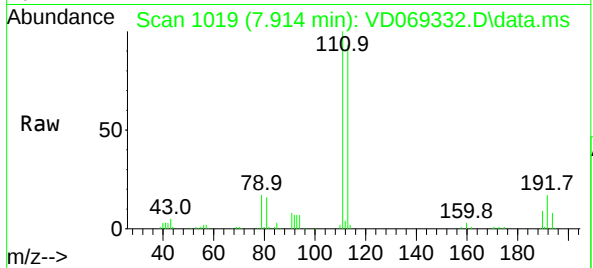




#35
Dibromofluoromethane
Concen: 48.94 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

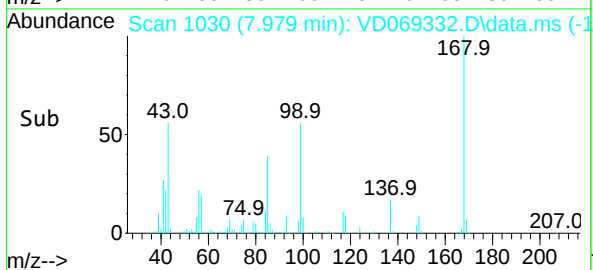
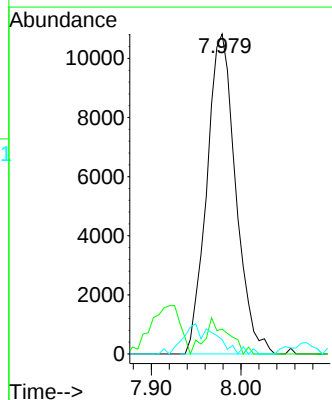
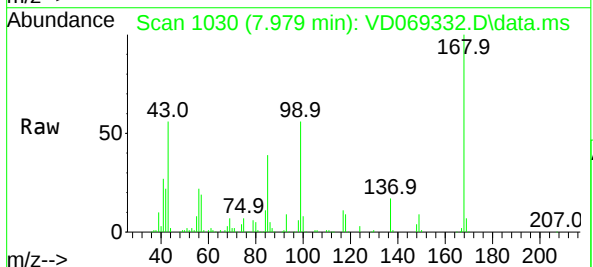
Instrument :
MSVOA_D
ClientSampled :

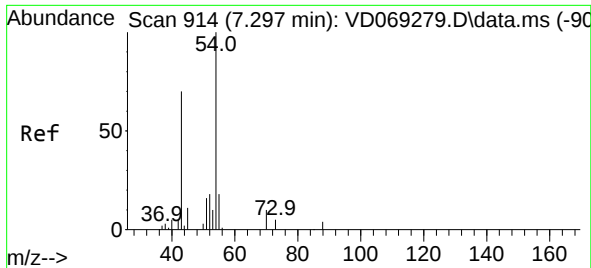
Tgt Ion:113 Resp: 170413
Ion Ratio Lower Upper
113 100
111 104.0 83.0 124.6
192 19.5 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.49 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion: 75 Resp: 24179
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.9 37.3#

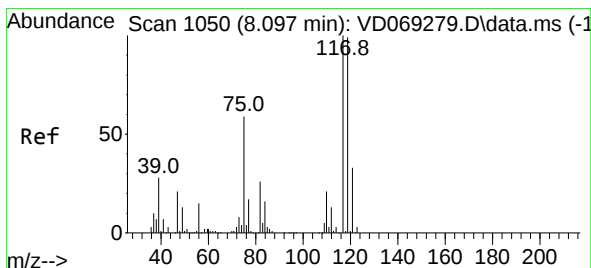
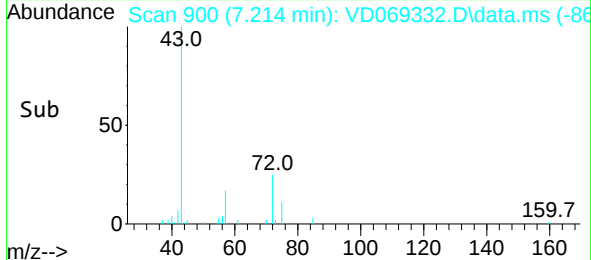
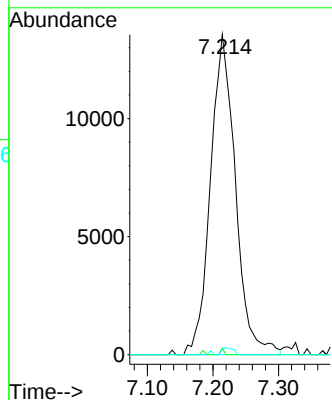
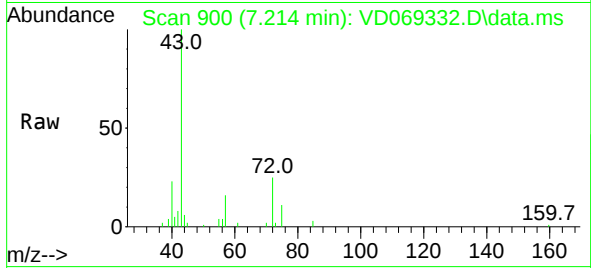




#37
Ethyl Acetate
Concen: 19.60 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.082 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

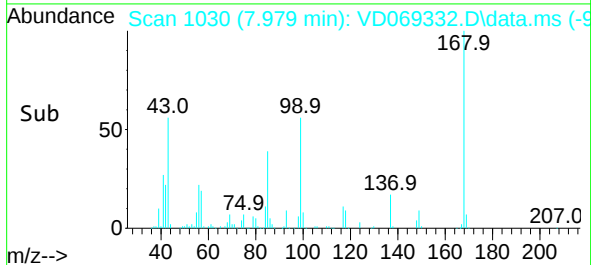
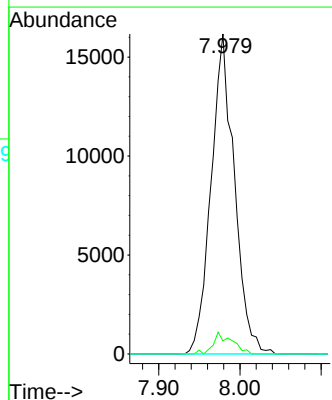
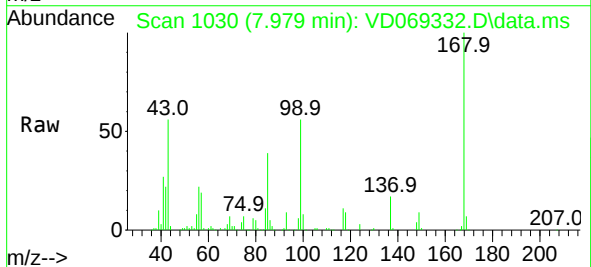
Instrument :
MSVOA_D
ClientSampleId :

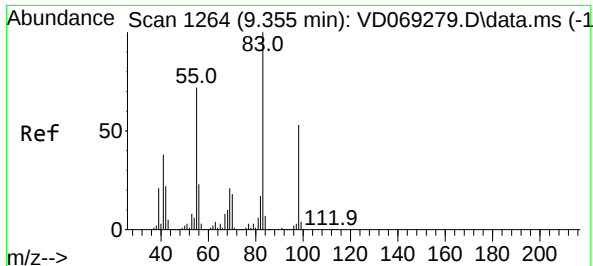
Tgt Ion: 43 Resp: 35873
Ion Ratio Lower Upper
43 100
61 0.3 11.0 16.6#
70 1.0 9.7 14.5#



#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion: 117 Resp: 32211
Ion Ratio Lower Upper
117 100
119 4.1 79.4 119.2#
121 0.0 26.1 39.1#





#39

Methylcyclohexane

Concen: 6.19 ug/l

RT: 9.355 min Scan# 1264

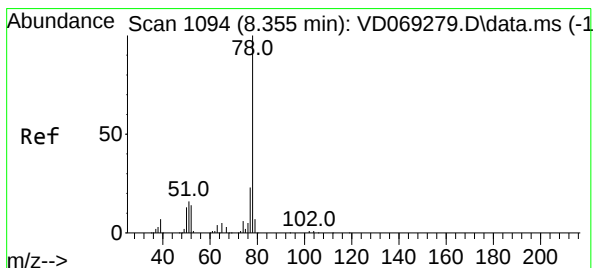
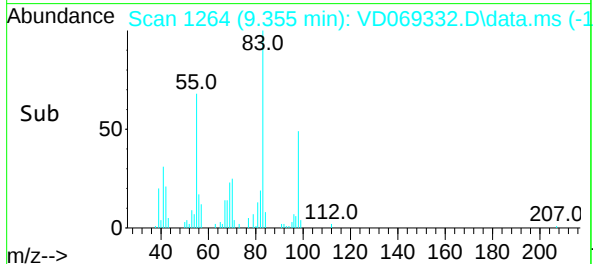
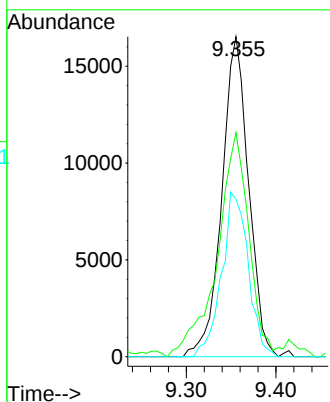
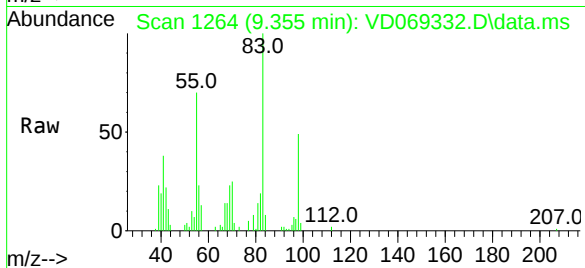
Delta R.T. -0.000 min

Lab File: VD069332.D

Acq: 03 Jun 2021 18:35

Tgt Ion:	83	Resp:	34152
Ion	Ratio	Lower	Upper
83	100		
55	67.2	57.4	86.2
98	49.3	42.2	63.2

Instrument :
MSVOA_D
ClientSampled :



#40

Benzene

Concen: 1.91 ug/l

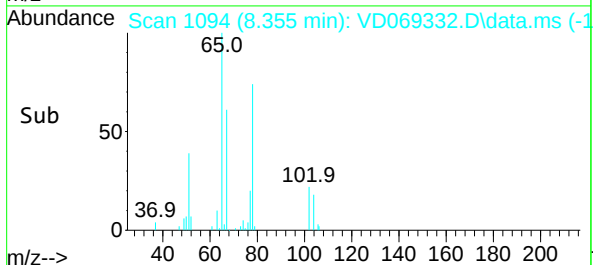
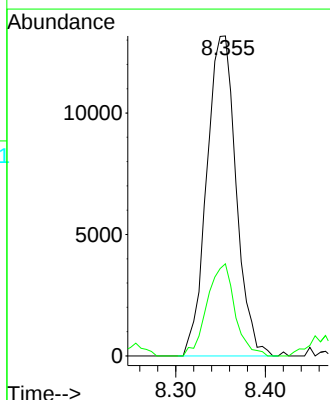
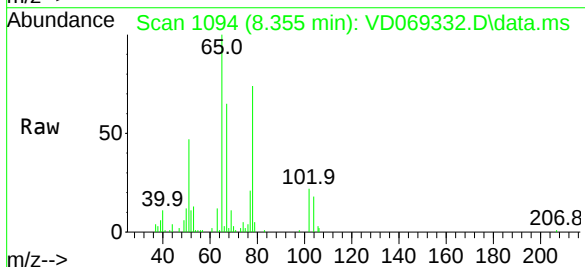
RT: 8.355 min Scan# 1094

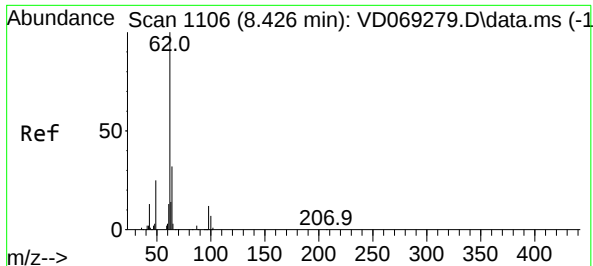
Delta R.T. -0.000 min

Lab File: VD069332.D

Acq: 03 Jun 2021 18:35

Tgt Ion:	78	Resp:	29974
Ion	Ratio	Lower	Upper
78	100		
77	28.8	18.7	28.1#

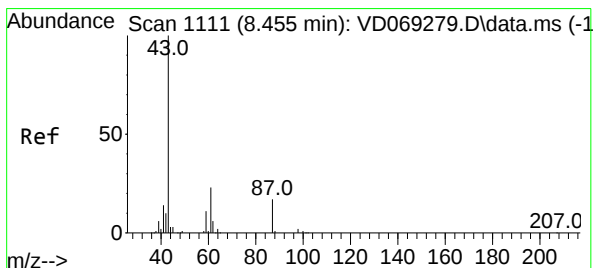
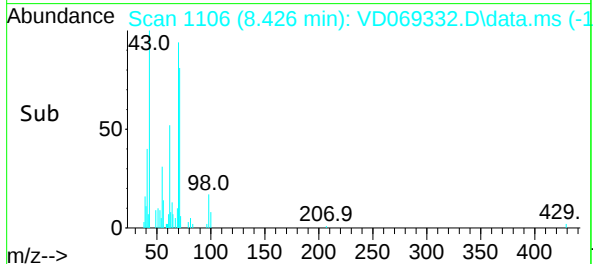
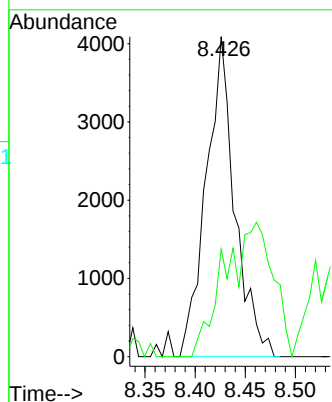
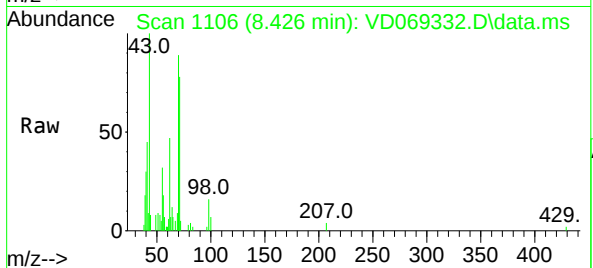




#42
1,2-Dichloroethane
Concen: 1.95 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

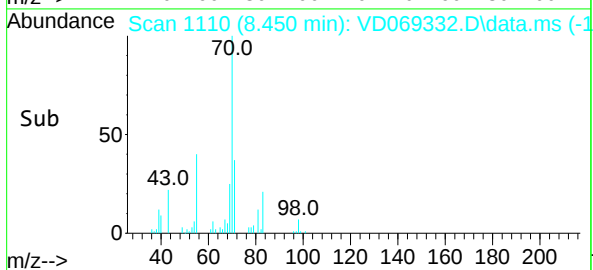
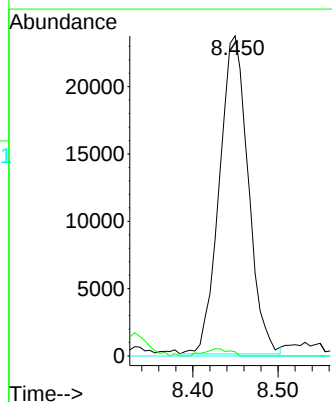
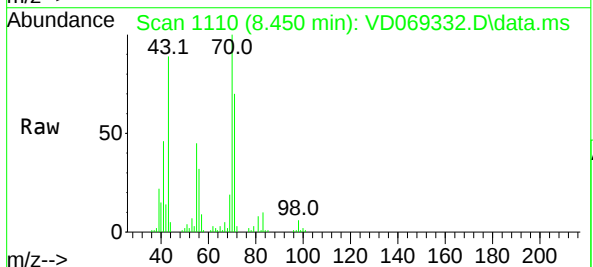
Instrument :
MSVOA_D
ClientSampleId :

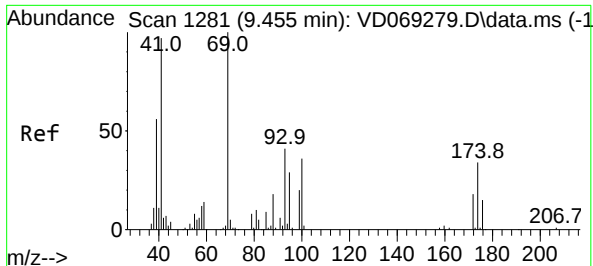
Tgt Ion: 62 Resp: 8138
Ion Ratio Lower Upper
62 100
98 0.0 0.0 21.4



#43
Isopropyl Acetate
Concen: 16.65 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion: 43 Resp: 55449
Ion Ratio Lower Upper
43 100
61 0.0 29.0 43.6#
87 0.0 12.7 19.1#





#48

Methyl methacrylate

Concen: 2.93 ug/l

RT: 9.532 min Scan# 1294

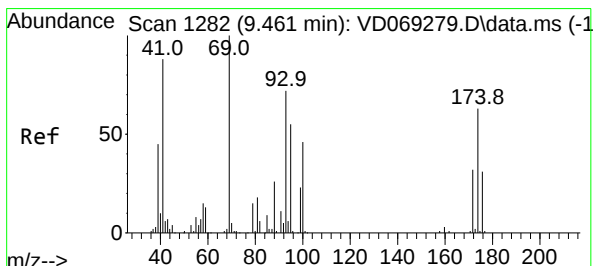
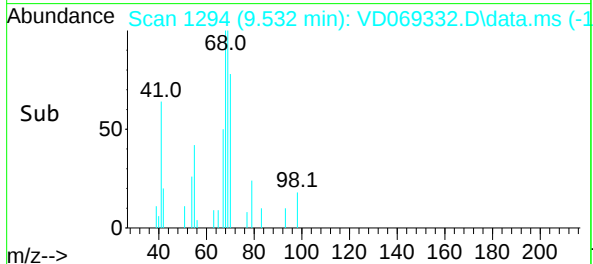
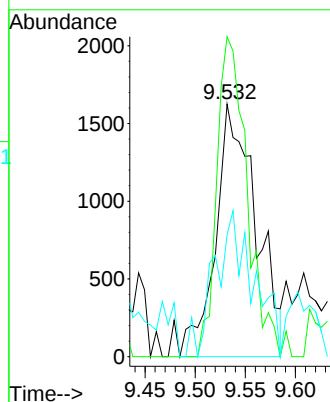
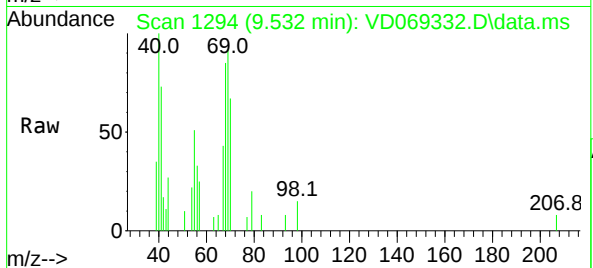
Delta R.T. 0.076 min

Lab File: VD069332.D

Acq: 03 Jun 2021 18:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 41	Resp: 4531
Ion Ratio	Lower Upper
41 100	
69 95.9	77.6 116.4
39 55.8	45.3 67.9



#49

1,4-Dioxane

Concen: 2.87 ug/l

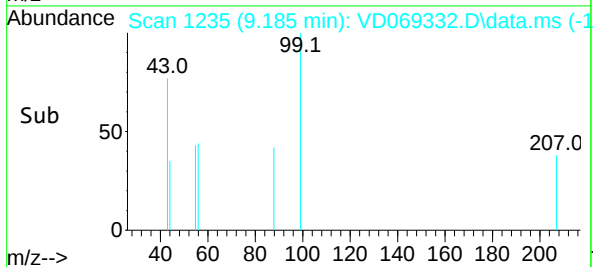
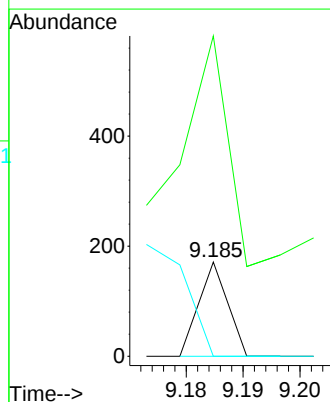
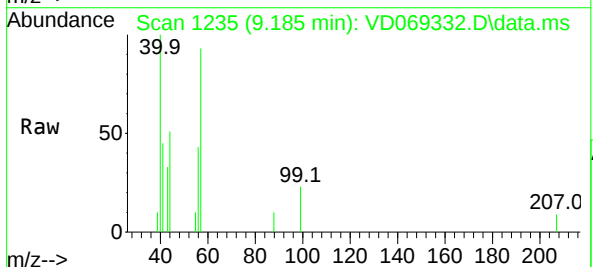
RT: 9.185 min Scan# 1235

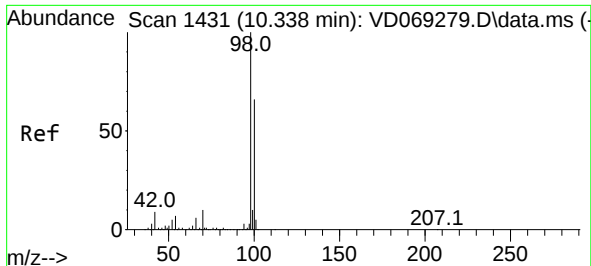
Delta R.T. -0.277 min

Lab File: VD069332.D

Acq: 03 Jun 2021 18:35

Tgt Ion: 88	Resp: 60		
Ion Ratio	Lower	Upper	
88 100			
43 0.0	25.4	38.2#	
58 0.0	50.2	75.4#	

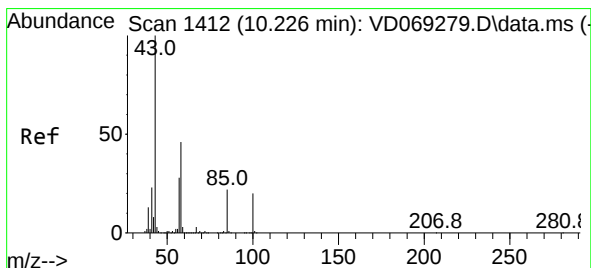
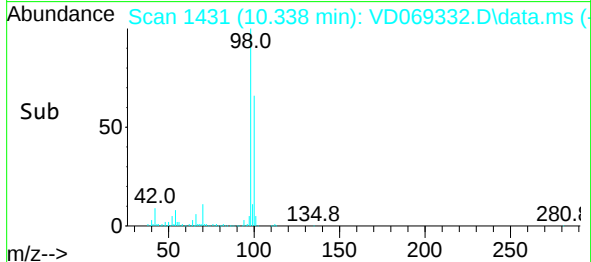
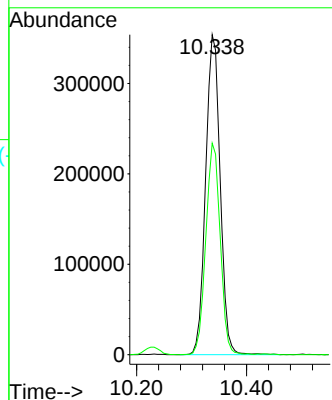
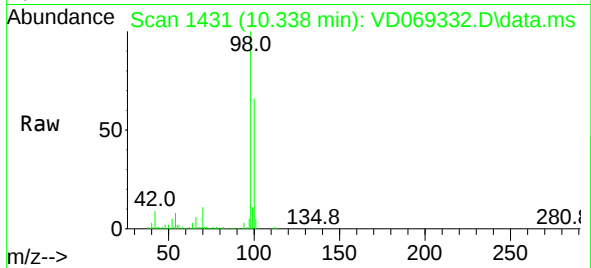




#50
Toluene-d8
Concen: 51.22 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

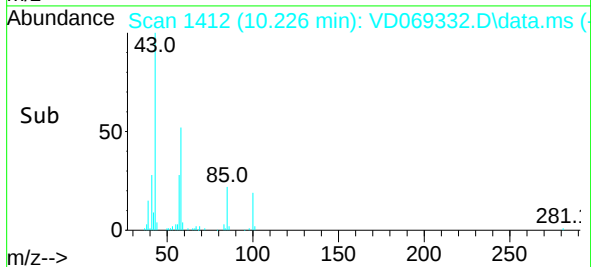
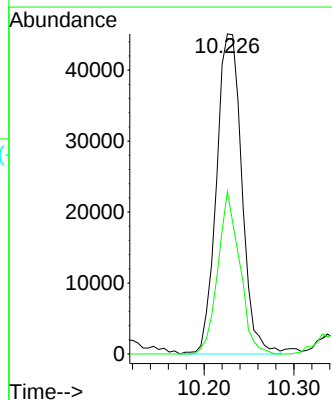
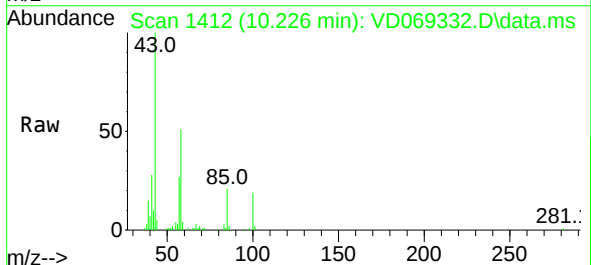
Instrument :
MSVOA_D
ClientSampleId :

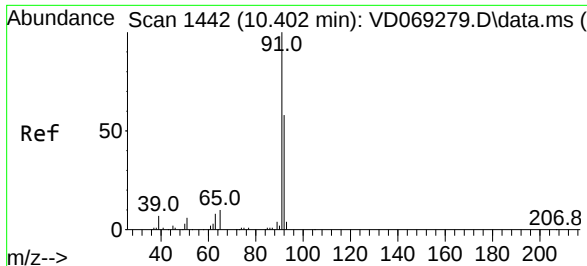
Tgt Ion: 98 Resp: 648510
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 51.45 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion: 43 Resp: 88497
Ion Ratio Lower Upper
43 100
58 43.6 35.1 52.7

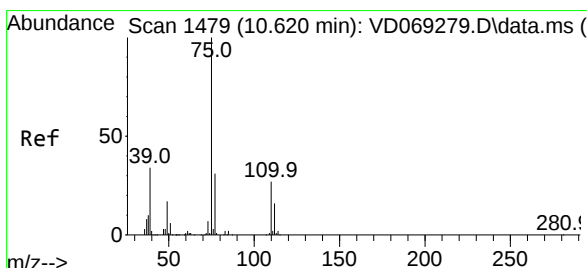
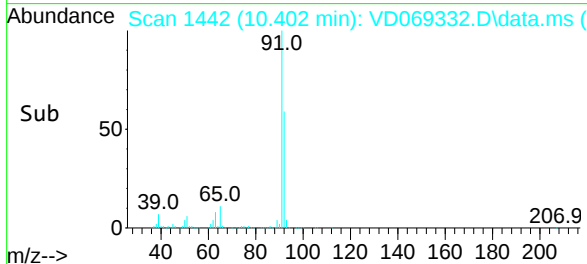
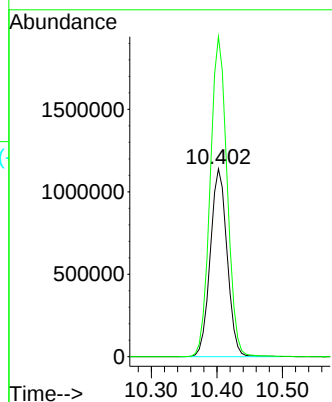
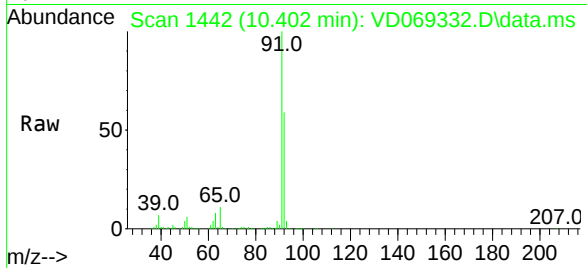




#52
Toluene
Concen: 205.53 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

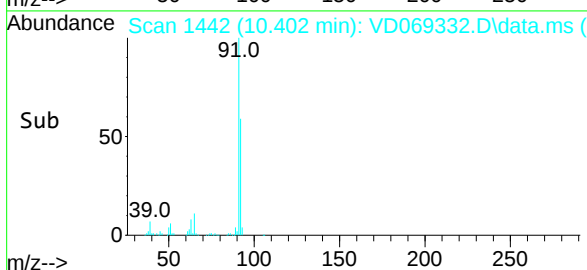
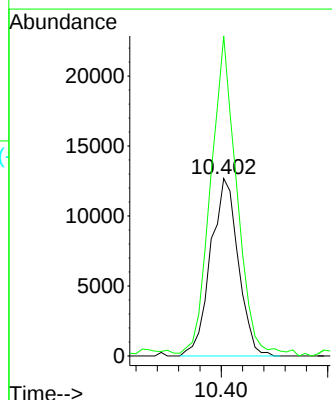
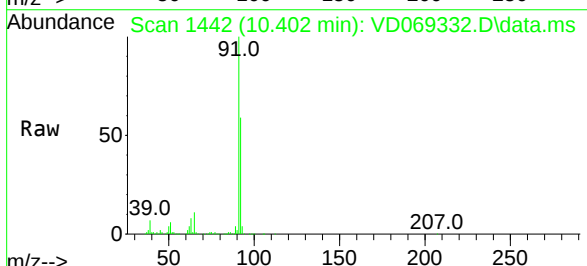
Instrument :
MSVOA_D
ClientSampled :

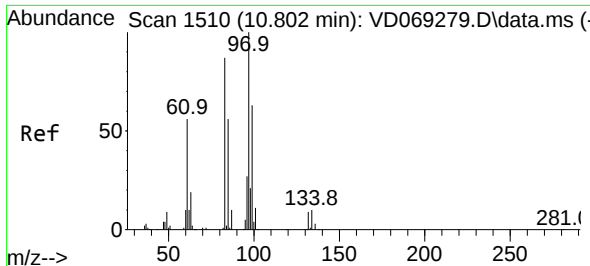
Tgt Ion: 92 Resp: 2030663
Ion Ratio Lower Upper
92 100
91 171.7 138.4 207.6



#53
t-1,3-Dichloropropene
Concen: 4.65 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.218 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

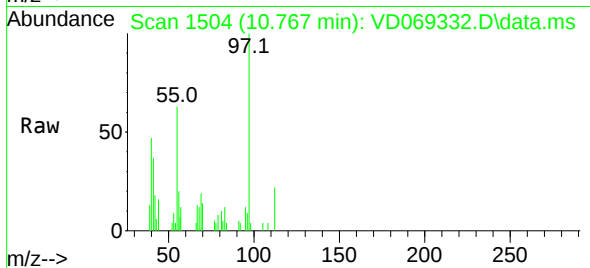
Tgt Ion: 75 Resp: 22792
Ion Ratio Lower Upper
75 100
77 178.9 25.1 37.7#



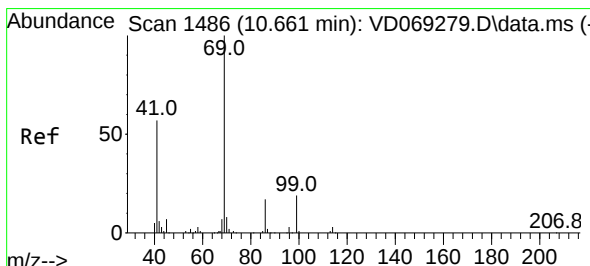
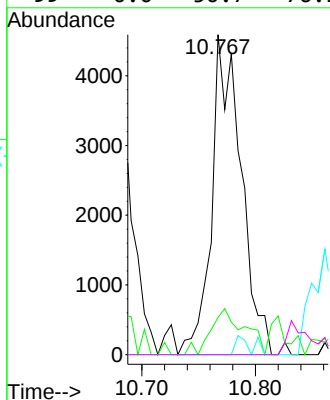
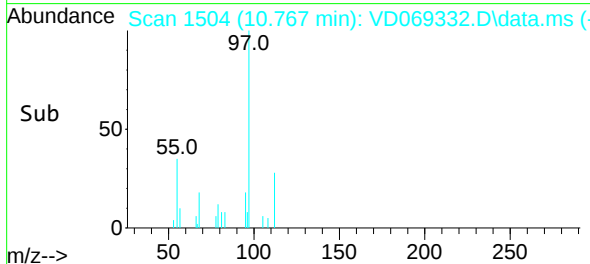


#55
1,1,2-Trichloroethane
Concen: 2.78 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.035 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

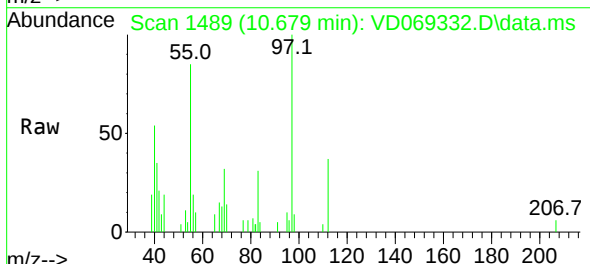
Instrument :
MSVOA_D
ClientSampleId :



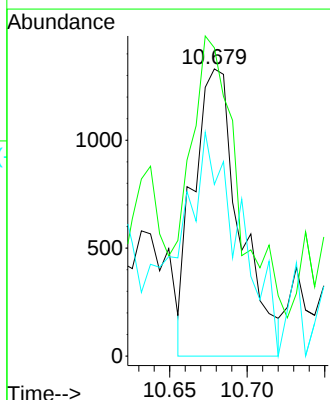
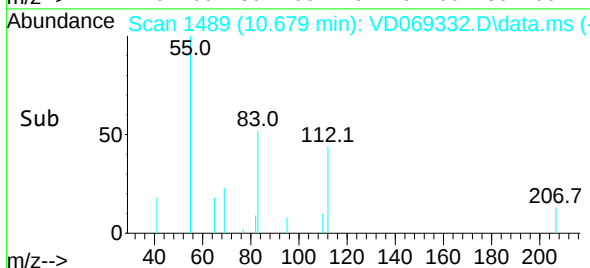
Tgt Ion: 97	Resp: 8206
Ion Ratio	Lower Upper
97 100	
83 11.6	69.4 104.0#
85 0.0	44.5 66.7#
99 0.0	50.7 76.1#

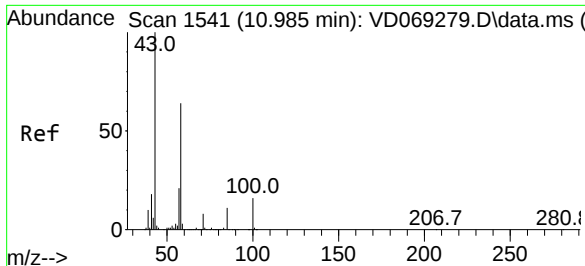


#56
Ethyl methacrylate
Concen: 3.41 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.018 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35



Tgt Ion: 69	Resp: 2761
Ion Ratio	Lower Upper
69 100	
41 99.1	45.4 68.2#
39 0.0	21.7 32.5#

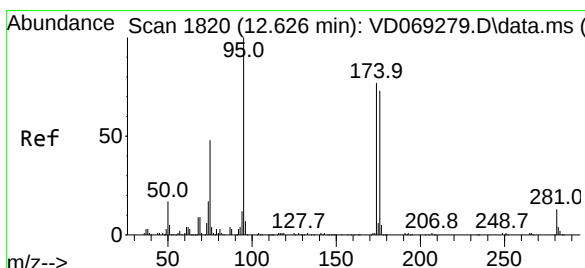
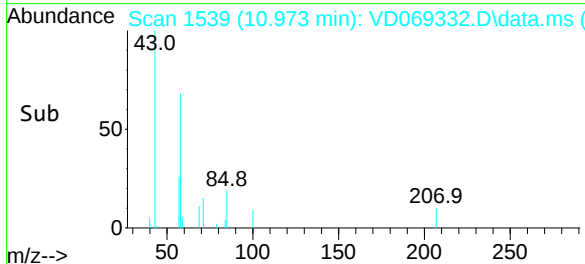
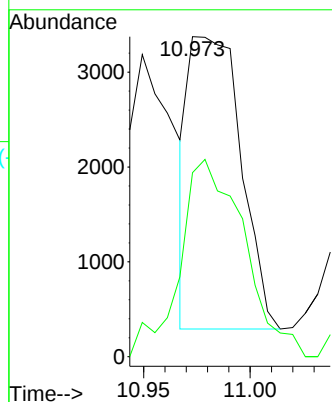
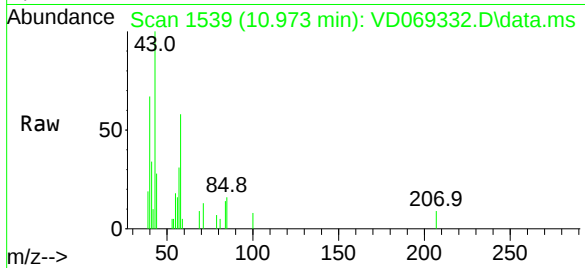




#59
2-Hexanone
Concen: 4.56 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.012 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

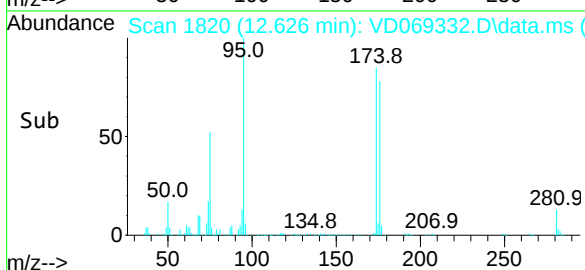
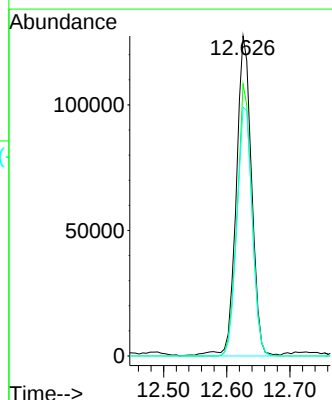
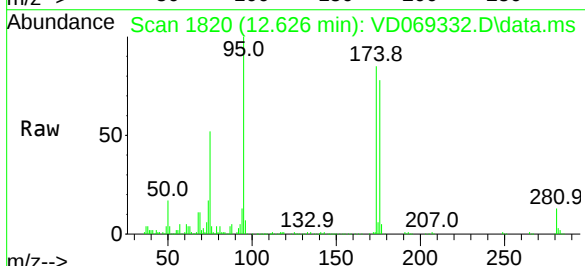
Instrument :
MSVOA_D
ClientSampled :

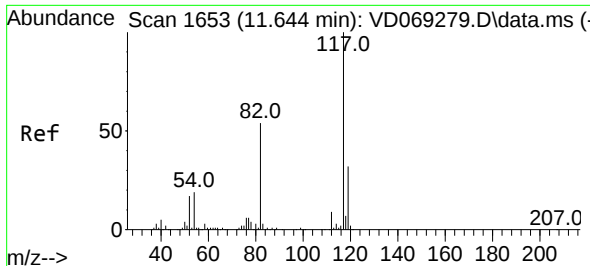
Tgt Ion: 43 Resp: 5248
Ion Ratio Lower Upper
43 100
58 84.5 30.8 92.3



#62
4-Bromofluorobenzene
Concen: 51.89 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion: 95 Resp: 215299
Ion Ratio Lower Upper
95 100
174 81.0 0.0 162.8
176 77.4 0.0 154.4

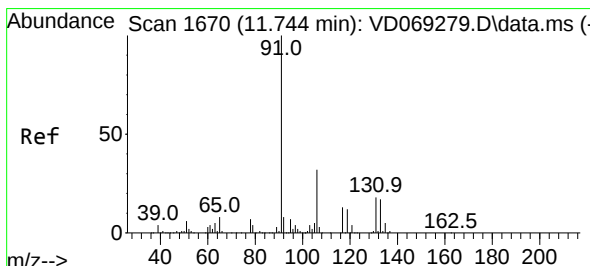
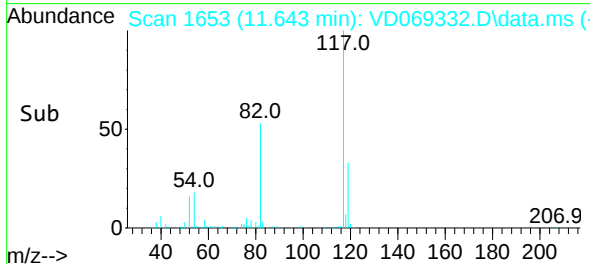
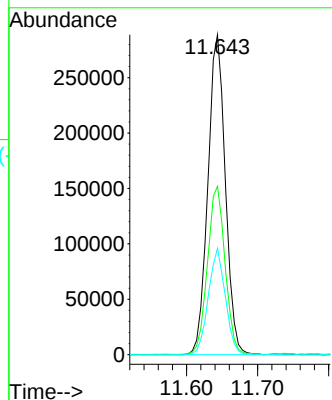
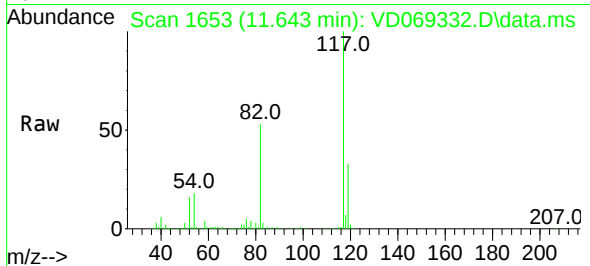




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

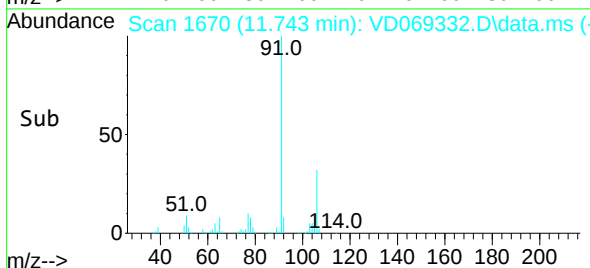
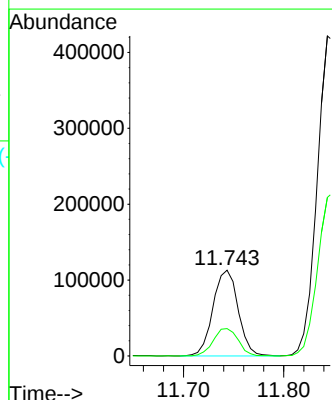
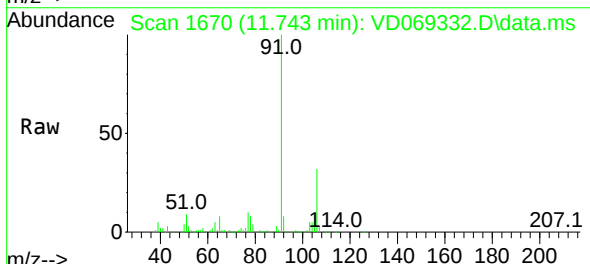
Instrument :
MSVOA_D
ClientSampleId :

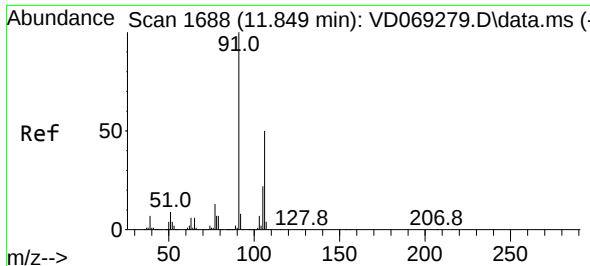
Tgt Ion:117 Resp: 492737
Ion Ratio Lower Upper
117 100
82 52.5 43.3 64.9
119 33.2 25.3 37.9



#67
Ethyl Benzene
Concen: 11.39 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

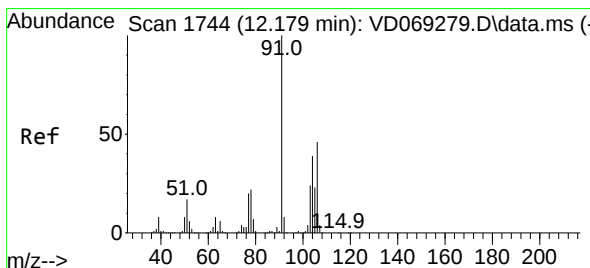
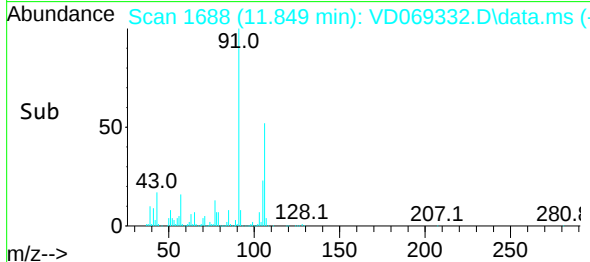
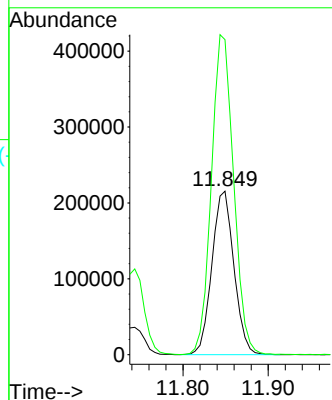
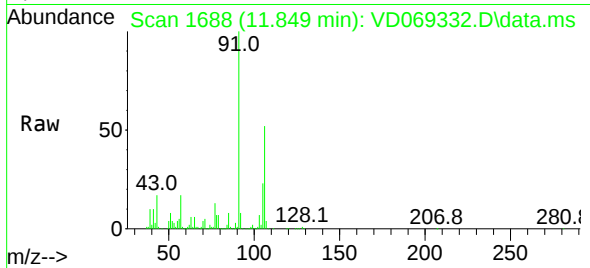
Tgt Ion: 91 Resp: 197076
Ion Ratio Lower Upper
91 100
106 32.0 25.9 38.9





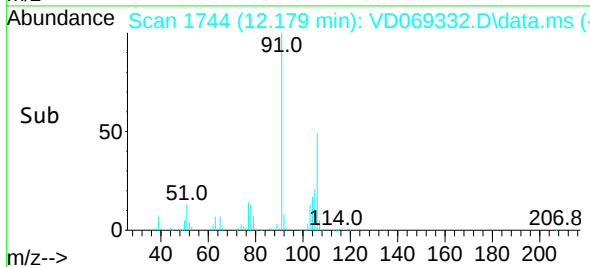
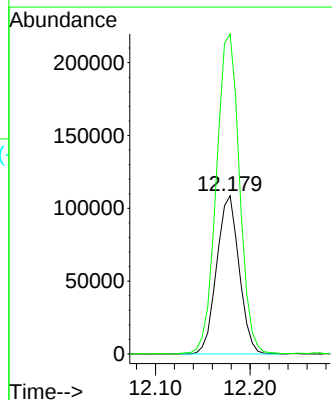
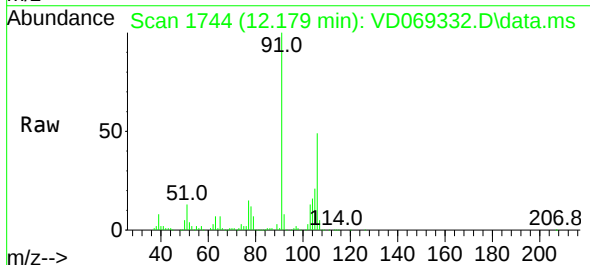
#68
m/p-Xylenes
Concen: 57.16 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

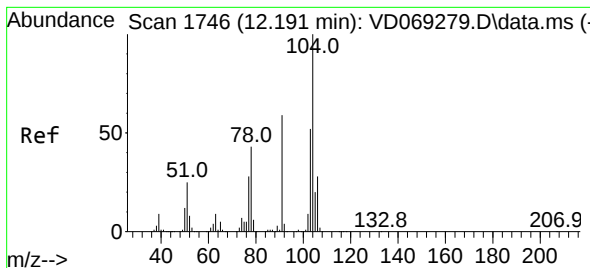
Tgt Ion:106 Resp: 387457
Ion Ratio Lower Upper
106 100
91 197.2 158.3 237.5



#69
o-Xylene
Concen: 29.82 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion:106 Resp: 178782
Ion Ratio Lower Upper
106 100
91 209.3 105.5 316.4





#70

Styrene

Concen: 9.72 ug/l

RT: 12.190 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VD069332.D

Acq: 03 Jun 2021 18:35

Tgt Ion:104 Resp: 101172

Ion Ratio Lower Upper

104 100

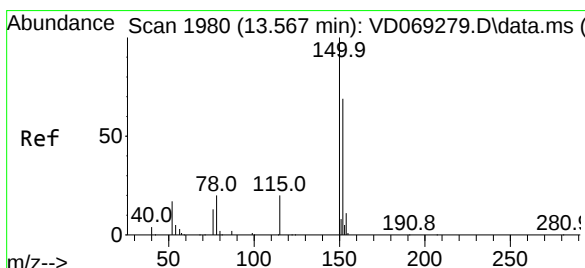
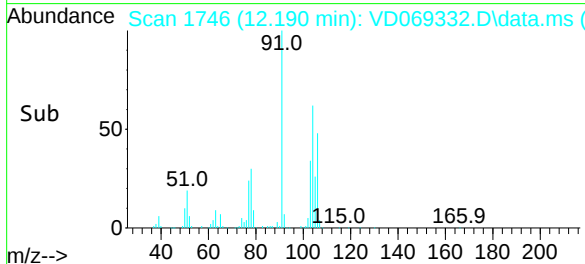
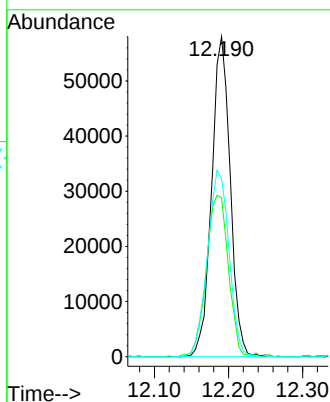
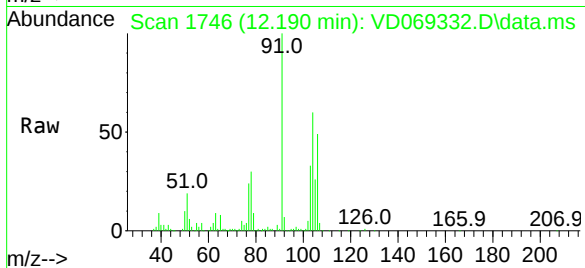
78 59.8 37.5 56.3#

103 67.7 44.3 66.5#

Instrument :

MSVOA_D

ClientSampleId :



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD069332.D

Acq: 03 Jun 2021 18:35

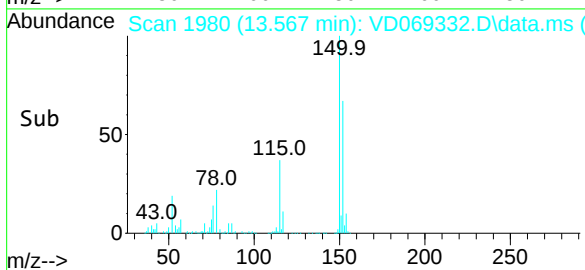
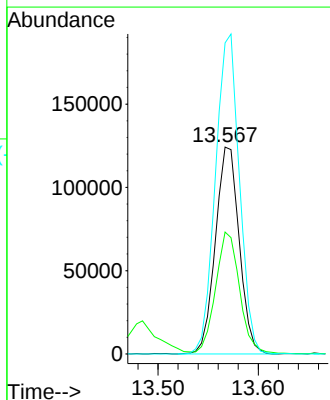
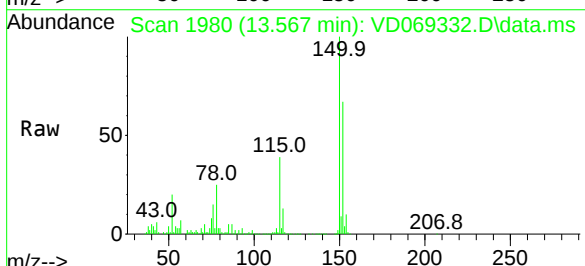
Tgt Ion:152 Resp: 204955

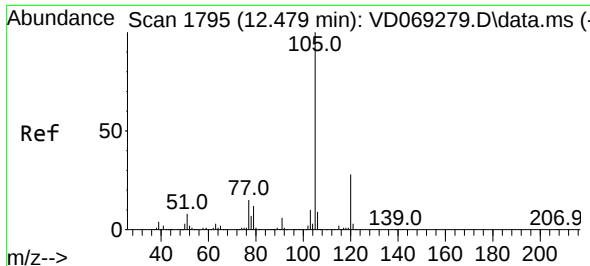
Ion Ratio Lower Upper

152 100

115 58.9 29.4 88.3

150 155.6 0.0 355.0

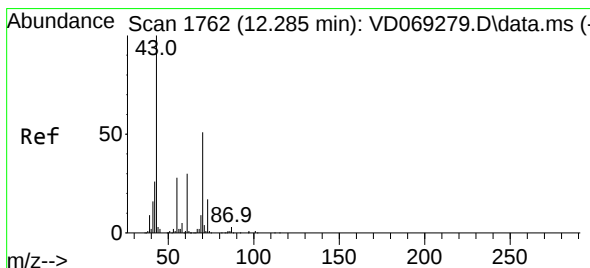
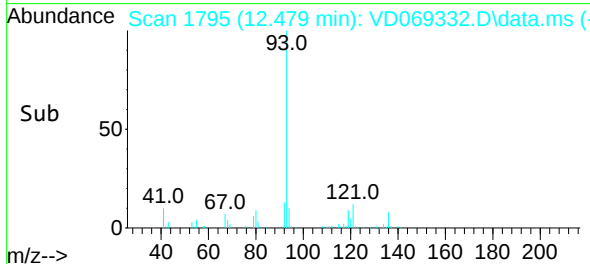
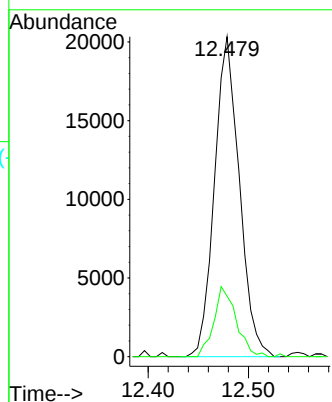
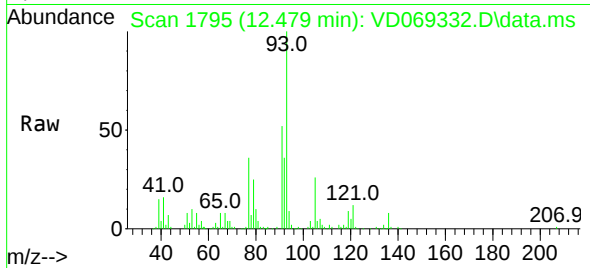




#73
Isopropylbenzene
Concen: 2.49 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

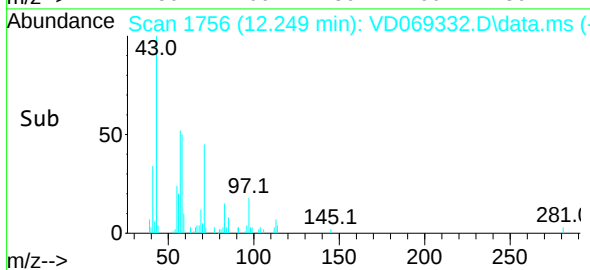
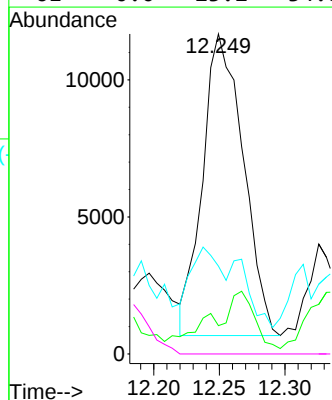
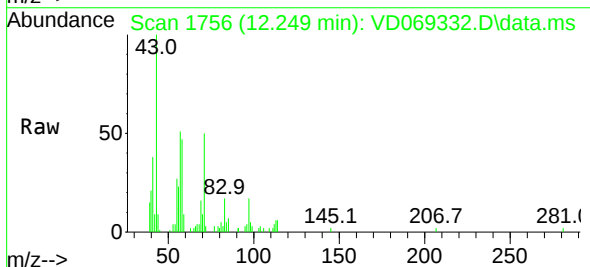
Instrument :
MSVOA_D
ClientSampled :

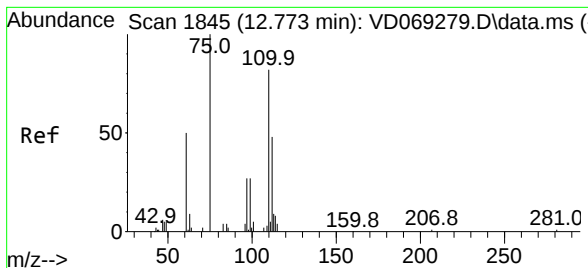
Tgt Ion:105 Resp: 34972
Ion Ratio Lower Upper
105 100
120 19.7 13.5 40.5



#74
N-ethyl acetate
Concen: 9.56 ug/l
RT: 12.249 min Scan# 1756
Delta R.T. -0.035 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion: 43 Resp: 23676
Ion Ratio Lower Upper
43 100
70 5.2 40.9 61.3#
55 13.9 23.4 35.0#
61 0.0 23.2 34.8#

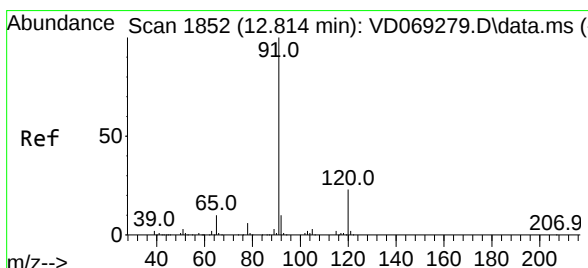
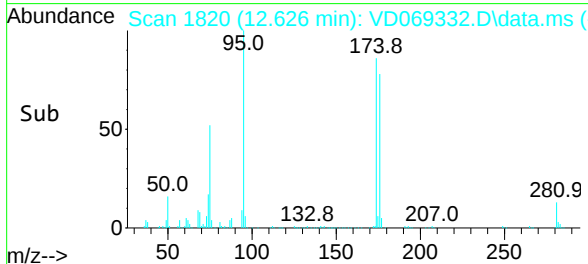
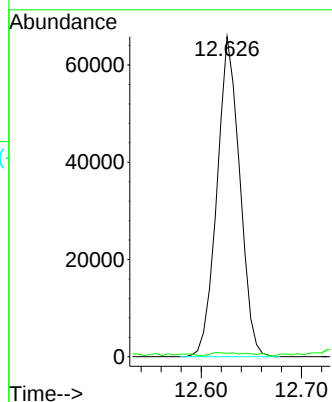
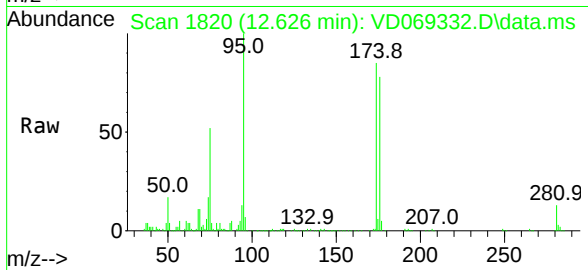




#76
1,2,3-Trichloropropane
Concen: 58.21 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

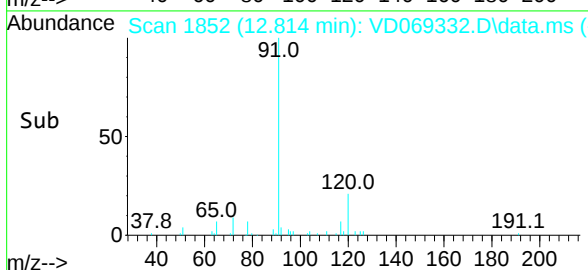
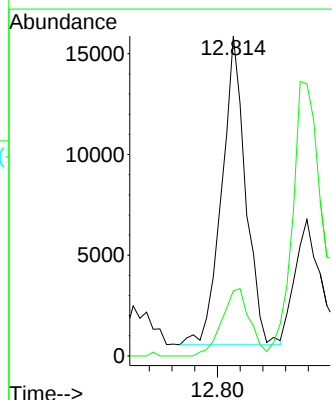
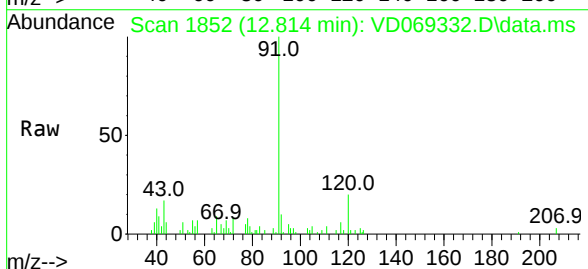
Instrument :
MSVOA_D
ClientSampleId :

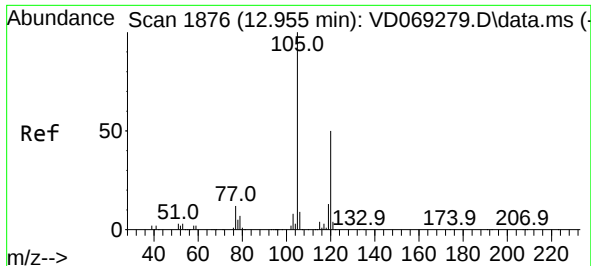
Tgt Ion: 75 Resp: 103653
Ion Ratio Lower Upper
75 100
77 1.8 183.8 551.2#



#78
n-propylbenzene
Concen: 1.30 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion: 91 Resp: 22407
Ion Ratio Lower Upper
91 100
120 25.4 11.6 34.8

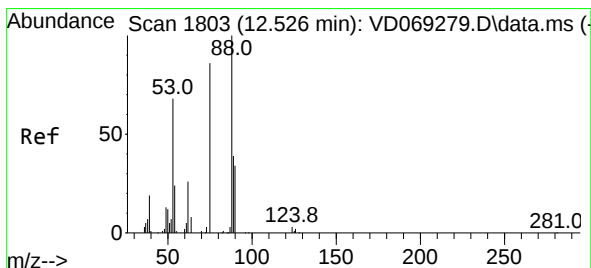
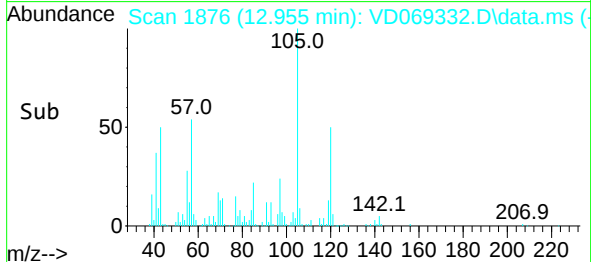
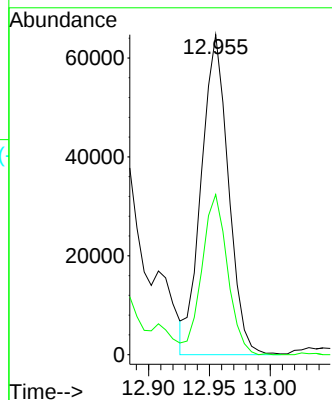
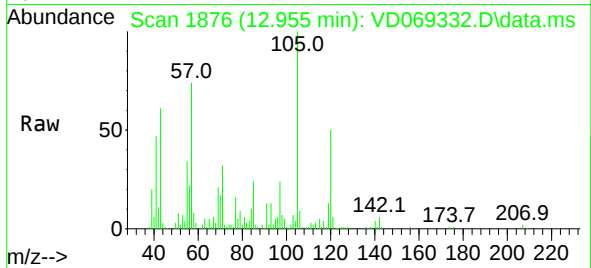




#80
1,3,5-Trimethylbenzene
Concen: 8.43 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

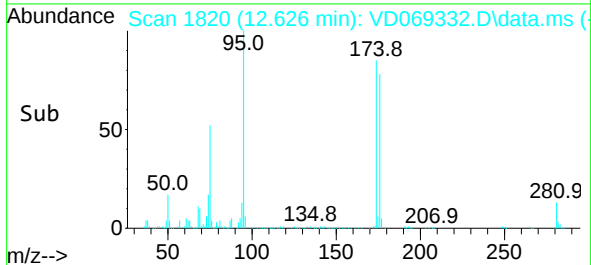
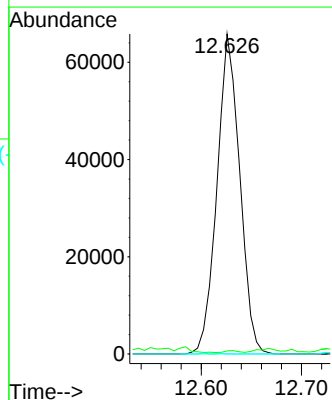
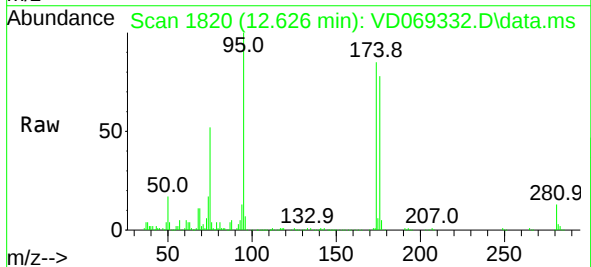
Instrument :
MSVOA_D
ClientSampleId :

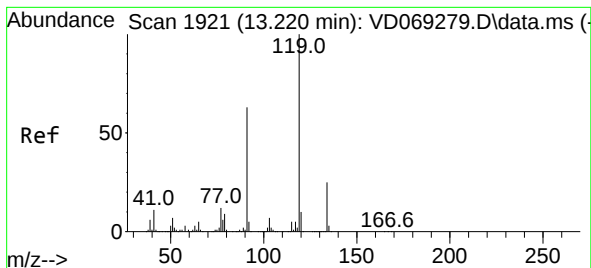
Tgt Ion:105 Resp: 100198
Ion Ratio Lower Upper
105 100
120 47.5 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 128.99 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion: 75 Resp: 103653
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.1 35.6 53.4#

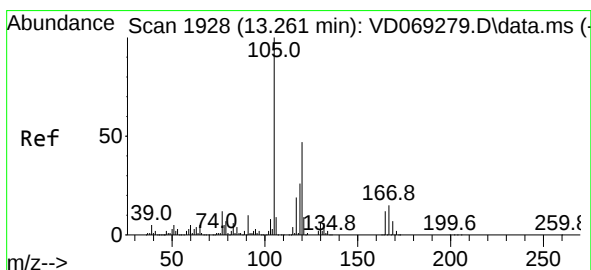
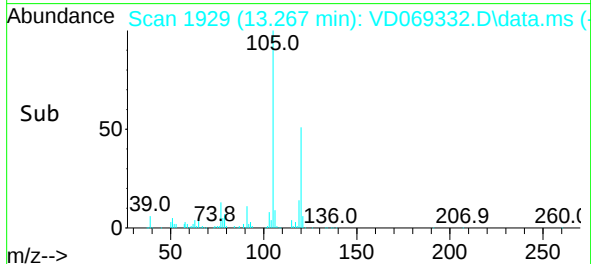
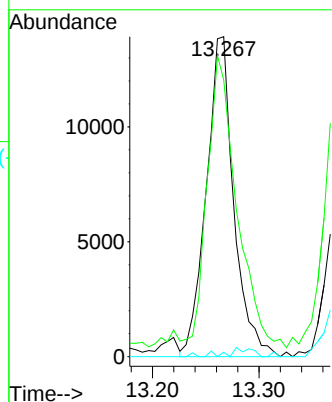
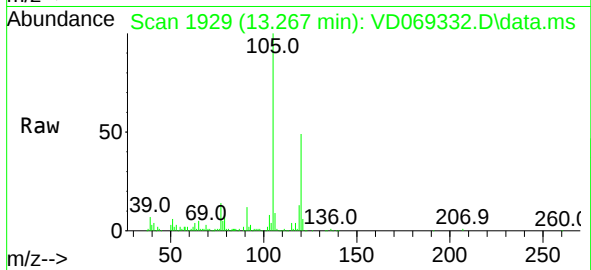




#83
tert-Butylbenzene
Concen: 2.51 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.047 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

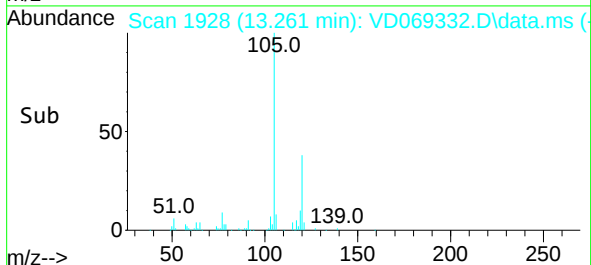
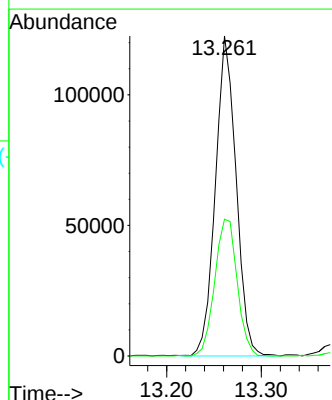
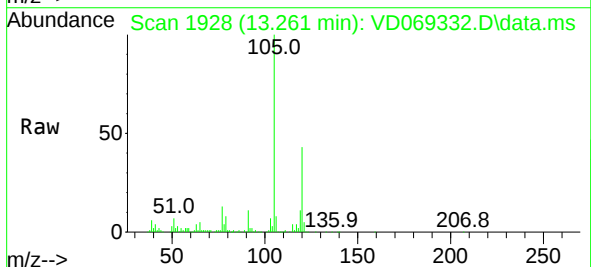
Instrument :
MSVOA_D
ClientSampleId :

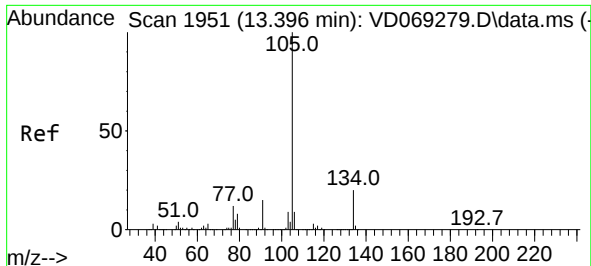
Tgt Ion:119 Resp: 24966
Ion Ratio Lower Upper
119 100
91 98.1 31.7 95.1#
134 0.0 13.4 40.1#



#84
1,2,4-Trimethylbenzene
Concen: 15.76 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion:105 Resp: 186168
Ion Ratio Lower Upper
105 100
120 46.3 22.6 67.8

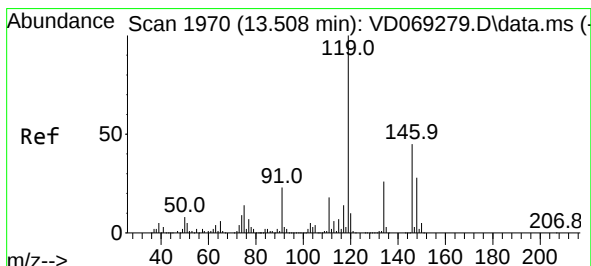
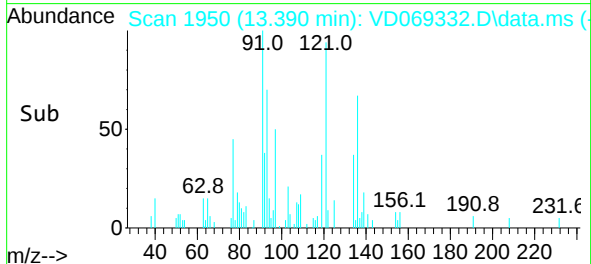
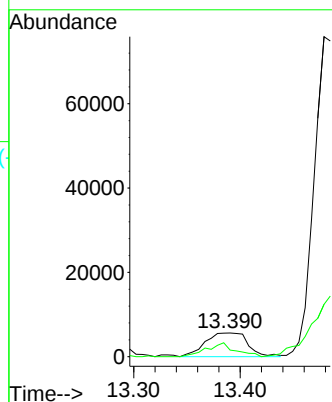
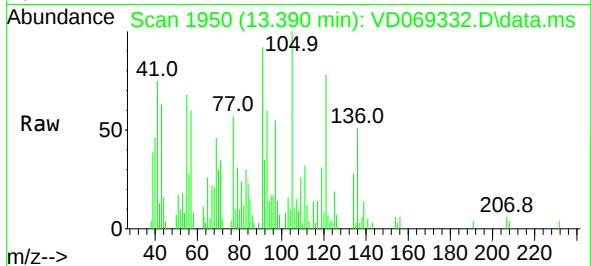




#85
 sec-Butylbenzene
 Concen: 1.07 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: VD069332.D
 Acq: 03 Jun 2021 18:35

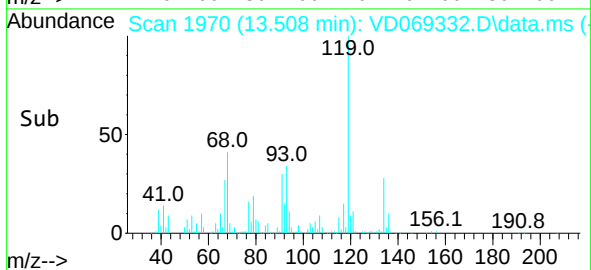
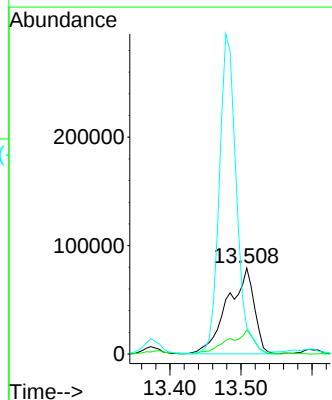
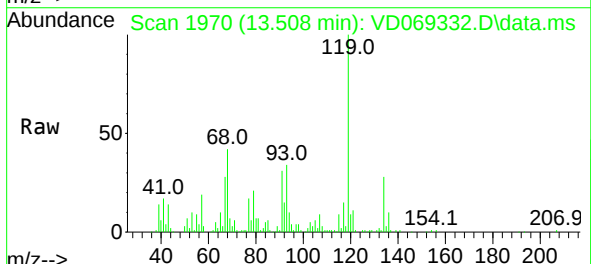
Instrument :
 MSVOA_D
 ClientSampleId :

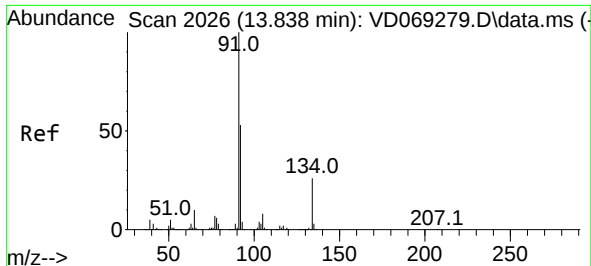
Tgt Ion:105 Resp: 15730
 Ion Ratio Lower Upper
 105 100
 134 39.1 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 16.12 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD069332.D
 Acq: 03 Jun 2021 18:35

Tgt Ion:119 Resp: 206917
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.0 39.0
 91 0.0 11.3 33.8#

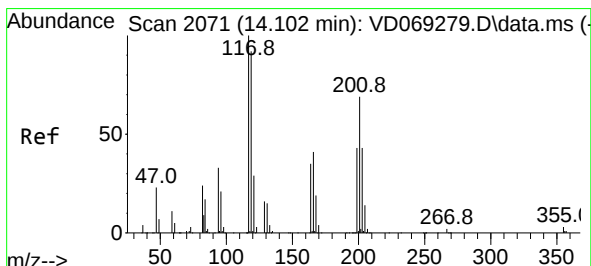
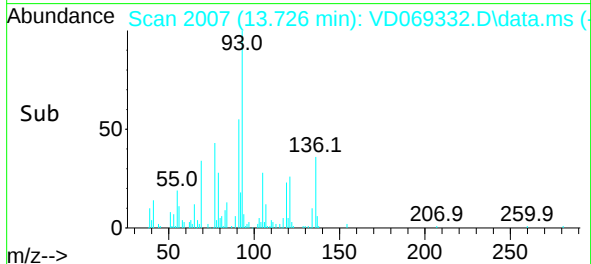
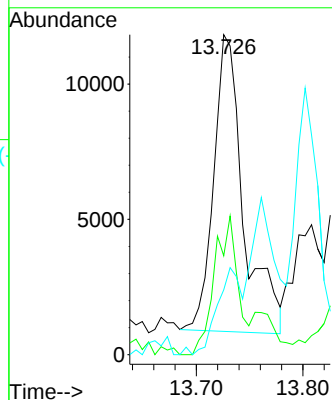
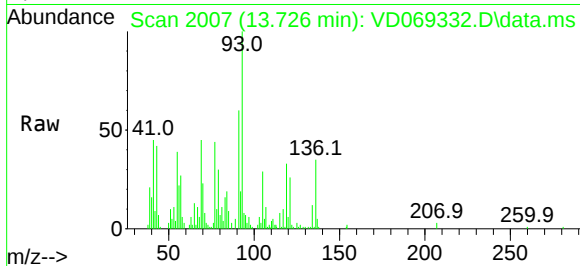




#89
n-Butylbenzene
Concen: 1.78 ug/l
RT: 13.726 min Scan# 2007
Delta R.T. -0.112 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

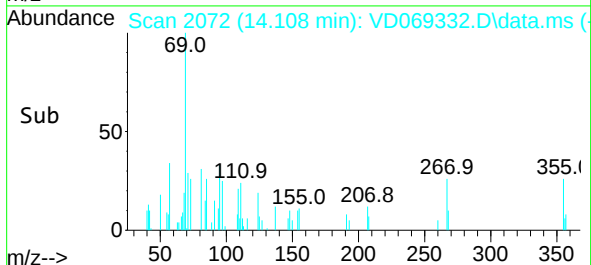
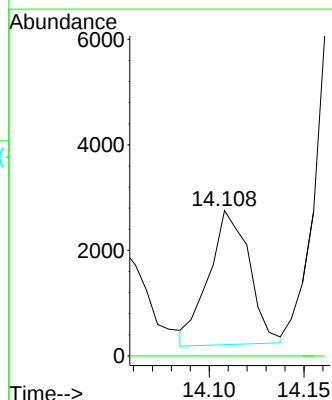
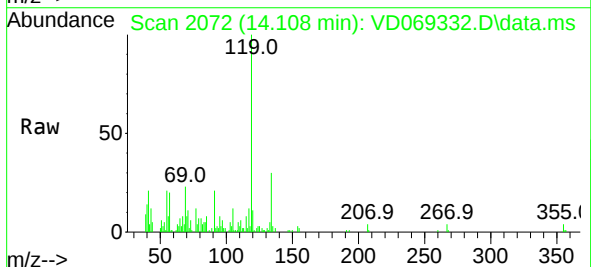
Instrument :
MSVOA_D
ClientSampleId :

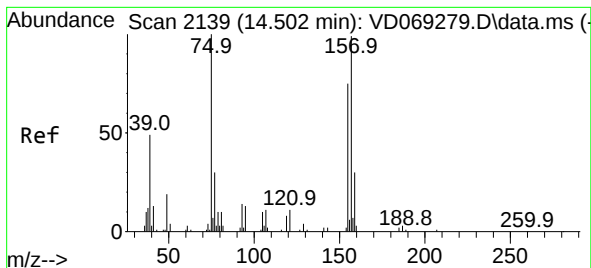
Tgt Ion: 91 Resp: 21360
Ion Ratio Lower Upper
91 100
92 36.5 26.4 79.2
134 23.2 13.0 38.9



#90
Hexachloroethane
Concen: 1.55 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.006 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion: 117 Resp: 3774
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#

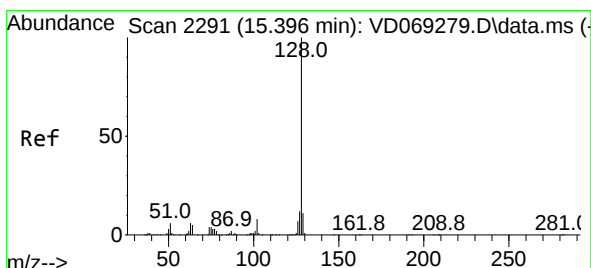
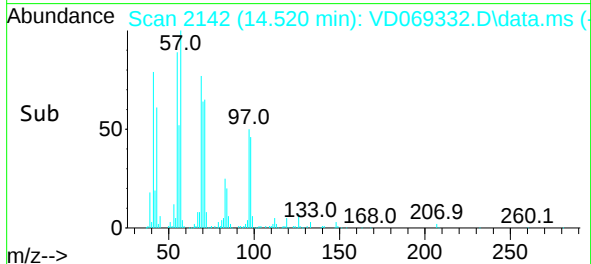
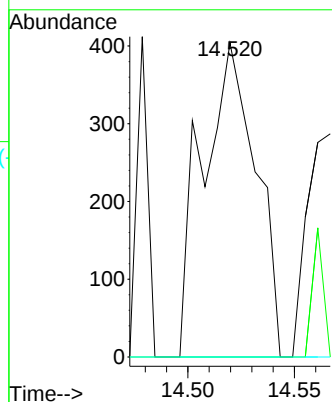
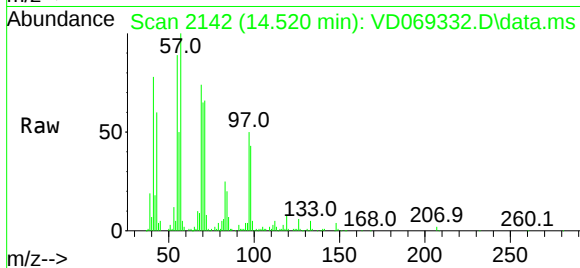




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.69 ug/l
RT: 14.520 min Scan# 2142
Delta R.T. 0.018 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 705
Ion Ratio Lower Upper
75 100
155 0.0 42.1 126.4#
157 0.0 54.4 163.3#



#95
Naphthalene
Concen: 6.14 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.012 min
Lab File: VD069332.D
Acq: 03 Jun 2021 18:35

Tgt Ion: 128 Resp: 21278
Ion Ratio Lower Upper
128 100
127 30.0 10.4 15.6#
129 12.1 8.8 13.2

