

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069378.D
 Acq On : 07 Jun 2021 20:02
 Operator : VA/SY
 Sample : M2625-06
 Misc : 7.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(158-162)

Quant Time: Jun 08 04:24:20 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)

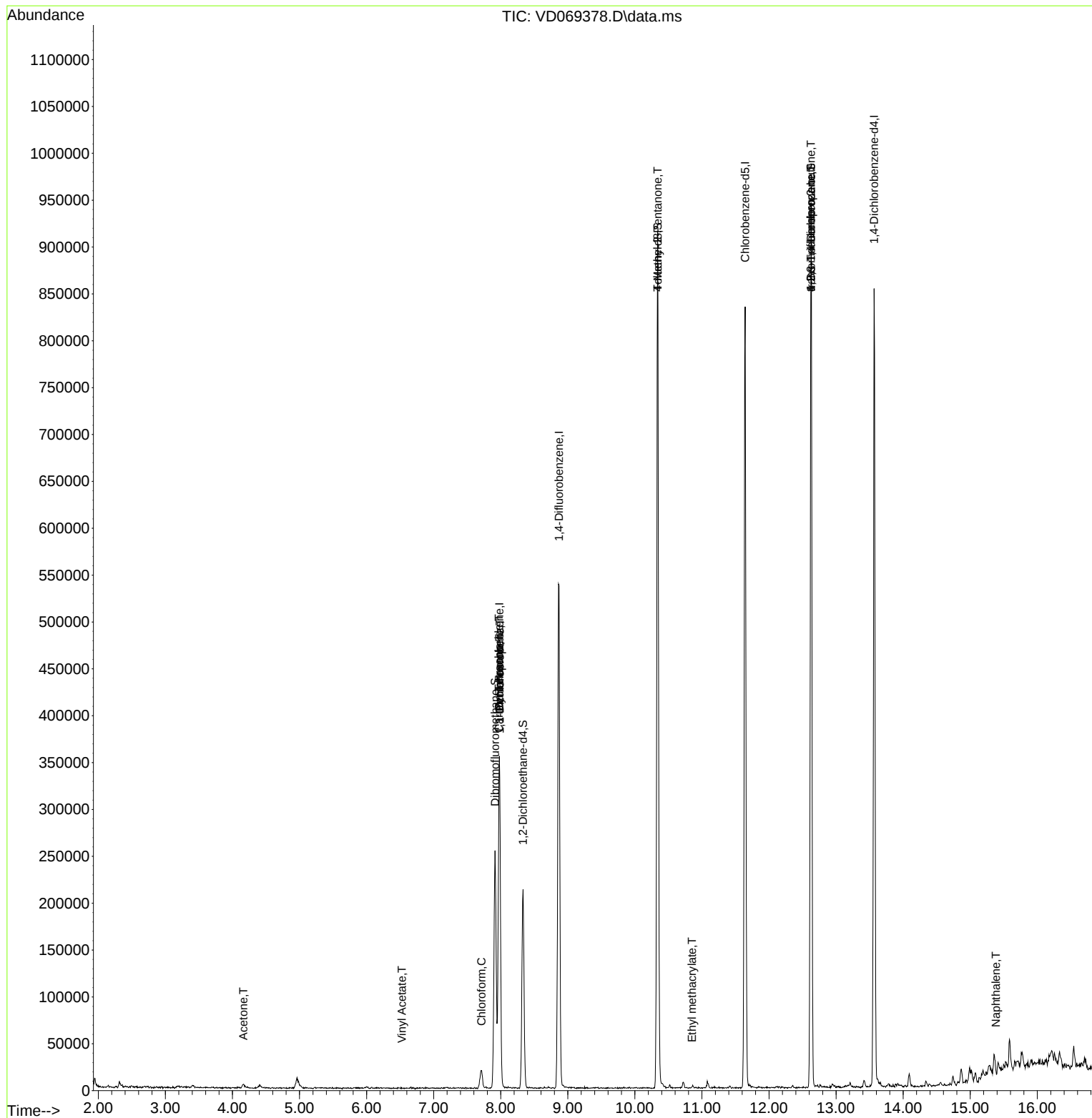
Internal Standards						
1) Pentafluorobenzene	7.979	168	270429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	495935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	509301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	233640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	169550	65.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.68%	
35) Dibromofluoromethane	7.914	113	183221	58.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.66%	
50) Toluene-d8	10.338	98	636693	56.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.44%	
62) 4-Bromofluorobenzene	12.626	95	213451	57.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.04%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.232	59	408	Below Cal	#	86
16) Acetone	4.162	43	6684	14.76	ug/l	93
20) Methylene Chloride	4.962	84	8427	Below Cal		96
23) Vinyl Acetate	6.526	43	58	11.63	ug/l #	67
30) Chloroform	7.714	83	17225	3.00	ug/l	88
31) Cyclohexane	7.979	56	5618	1.36	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	21795	4.52	ug/l #	46
38) Carbon Tetrachloride	7.973	117	26911	5.17	ug/l #	14
51) 4-Methyl-2-Pentanone	10.338	43	2338	1.52	ug/l #	1
56) Ethyl methacrylate	10.850	69	210	2.70	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	111099	54.73	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	111099	121.28	ug/l #	18
95) Naphthalene	15.385	128	357	3.34	ug/l #	69

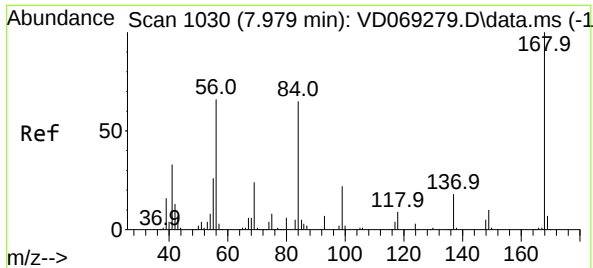
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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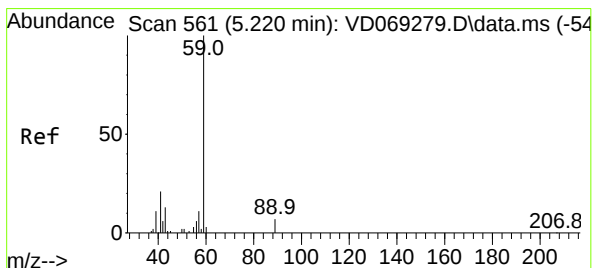
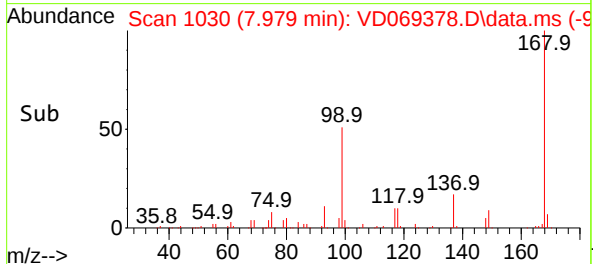
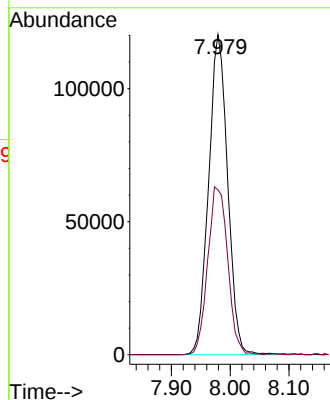
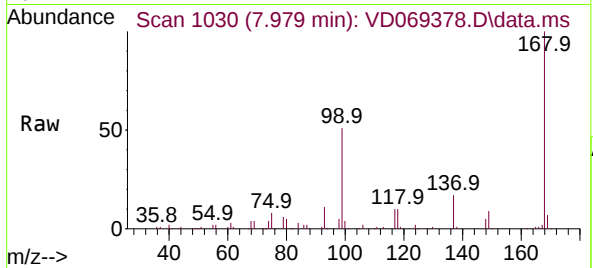




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

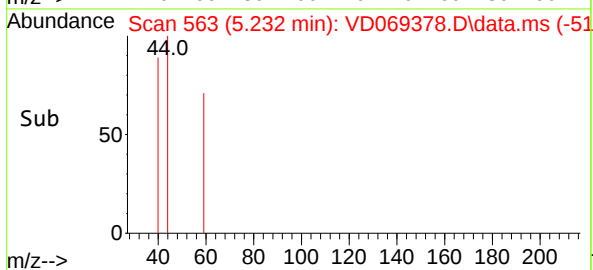
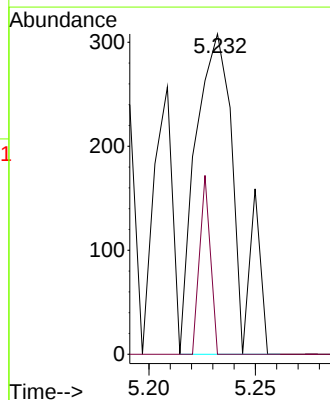
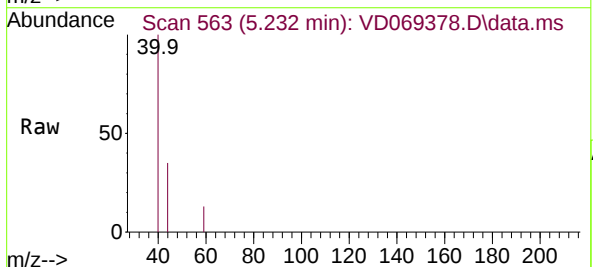
Instrument :
MSVOA_D
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18-B12(158-162)

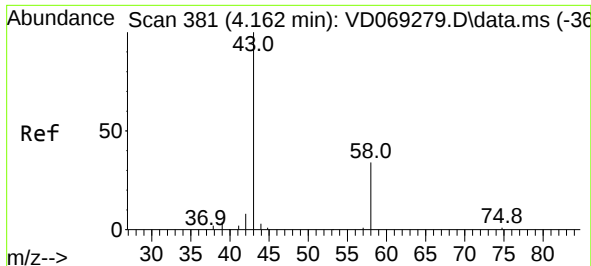
Tgt Ion:168 Resp: 270429
Ion Ratio Lower Upper
168 100
99 51.5 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Tgt Ion: 59 Resp: 408
Ion Ratio Lower Upper
59 100
57 15.0 7.8 11.8#

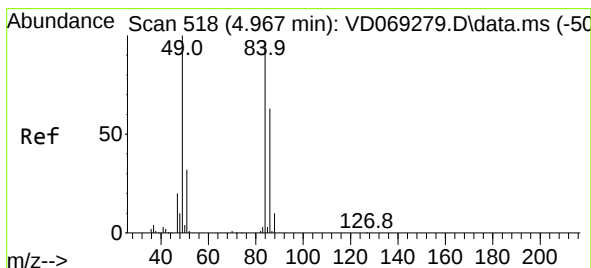
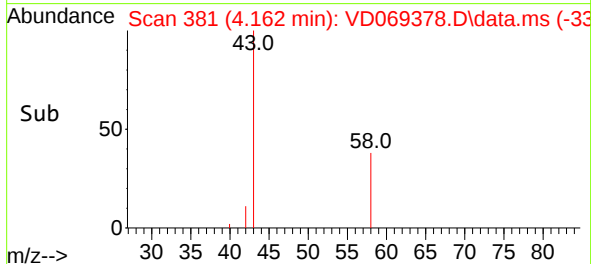
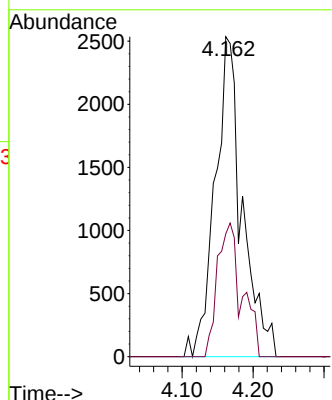
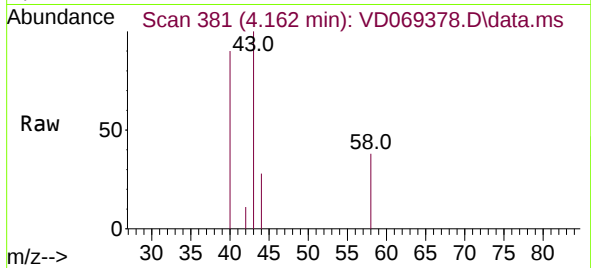




#16
Acetone
Concen: 14.76 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

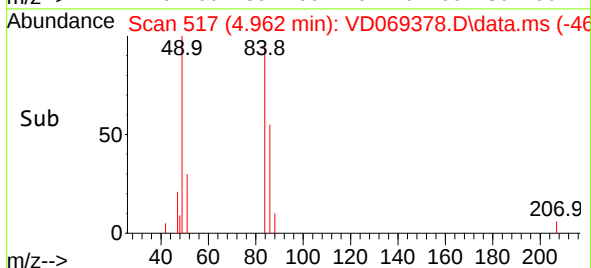
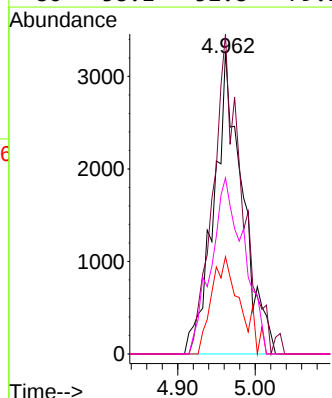
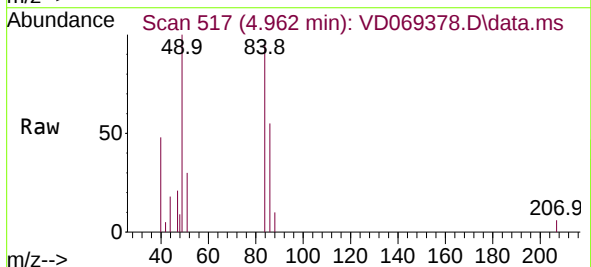
Instrument :
MSVOA_D
ClientSampleId :
18-B12(158-162)

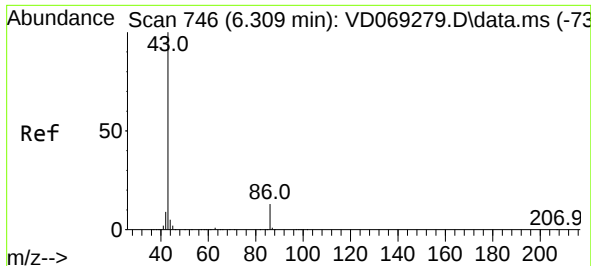
Tgt Ion: 43 Resp: 6684
Ion Ratio Lower Upper
43 100
58 38.4 27.5 41.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Tgt Ion: 84 Resp: 8427
Ion Ratio Lower Upper
84 100
49 105.7 83.7 125.5
51 32.0 26.4 39.6
86 58.1 52.8 79.2

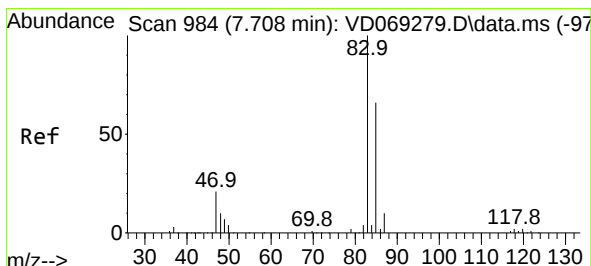
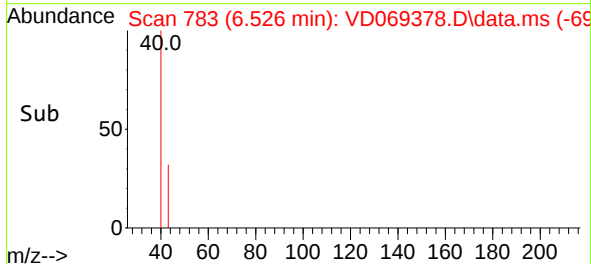
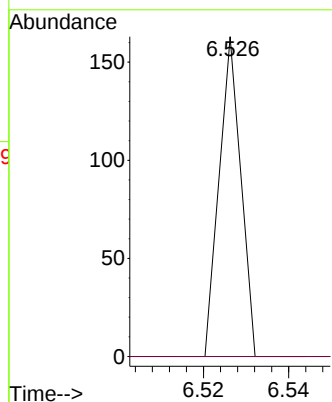
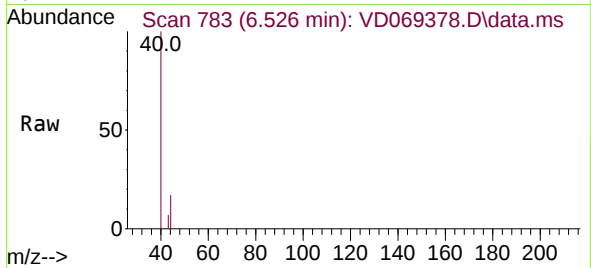




#23
 Vinyl Acetate
 Concen: 11.63 ug/l
 RT: 6.526 min Scan# 783
 Delta R.T. 0.217 min
 Lab File: VD069378.D
 Acq: 07 Jun 2021 20:02

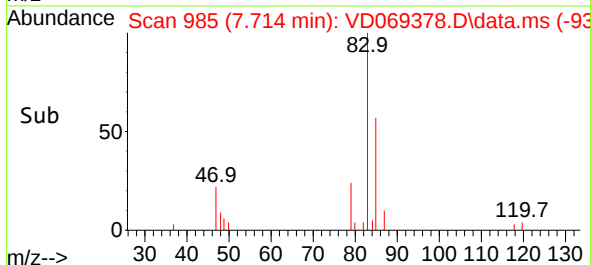
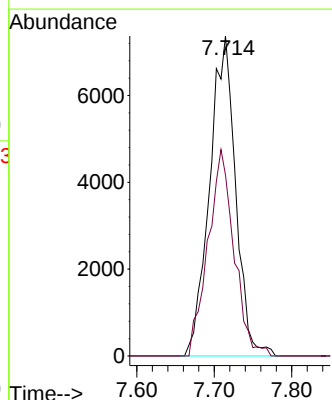
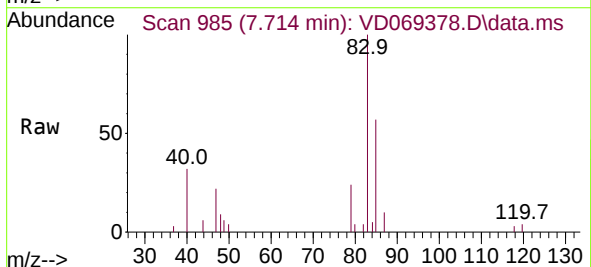
Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(158-162)

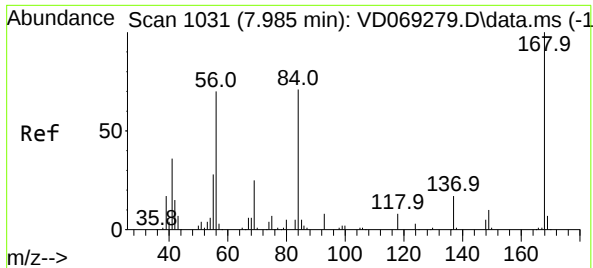
Tgt Ion: 43 Resp: 58
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#30
 Chloroform
 Concen: 3.00 ug/l
 RT: 7.714 min Scan# 985
 Delta R.T. 0.006 min
 Lab File: VD069378.D
 Acq: 07 Jun 2021 20:02

Tgt Ion: 83 Resp: 17225
 Ion Ratio Lower Upper
 83 100
 85 56.6 52.6 78.8

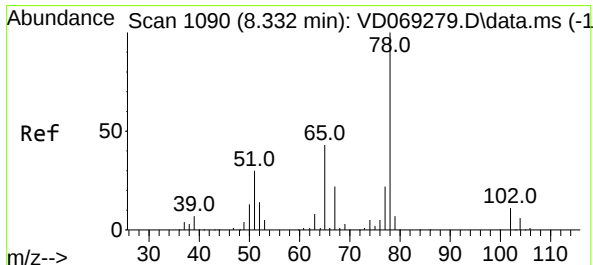
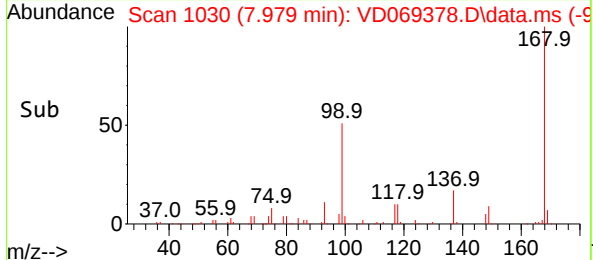
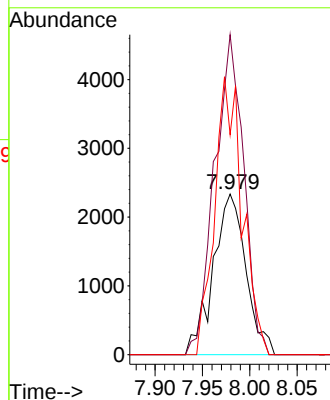
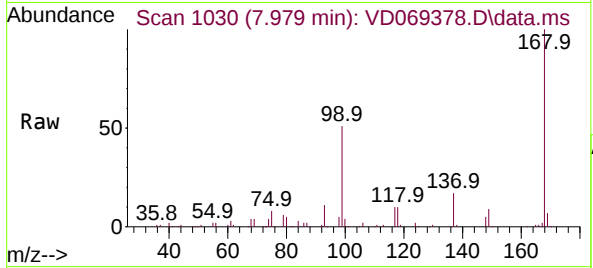




#31
Cyclohexane
Concen: 1.36 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

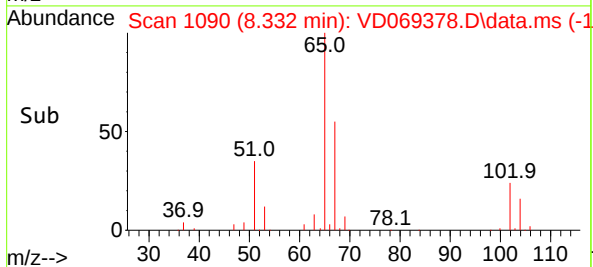
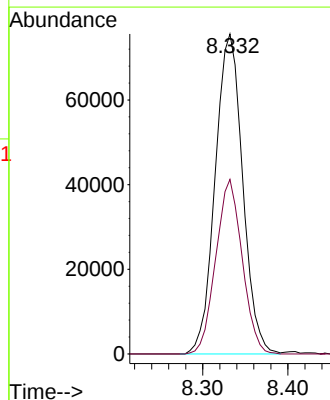
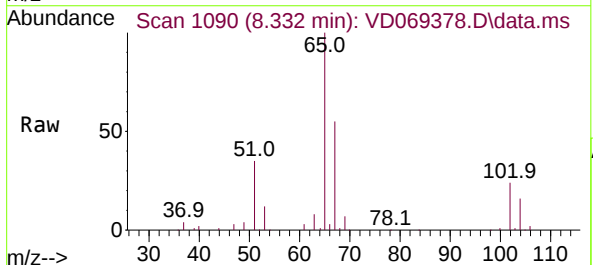
Instrument :
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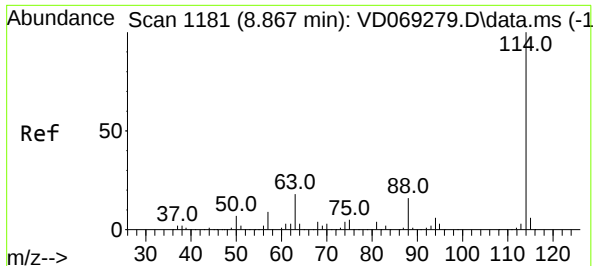
Tgt Ion: 56 Resp: 5618
Ion Ratio Lower Upper
56 100
69 199.2 29.0 43.4#
84 137.0 81.1 121.7#



#33
1,2-Dichloroethane-d4
Concen: 65.34 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Tgt Ion: 65 Resp: 169550
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.8

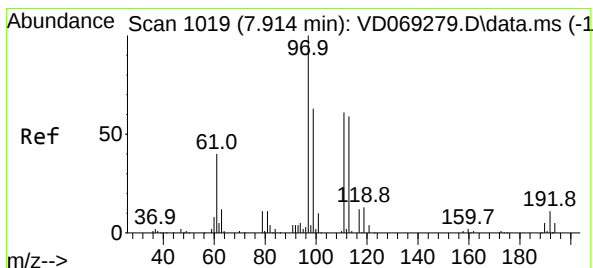
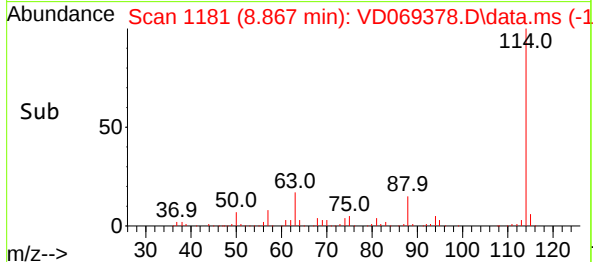
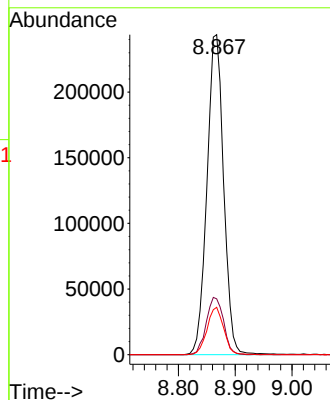
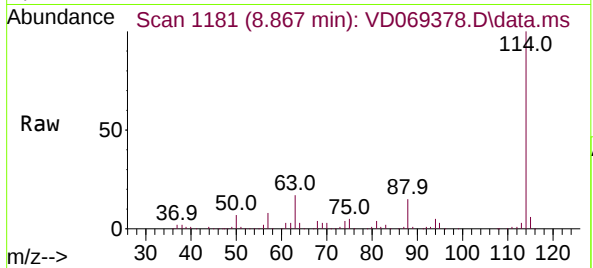




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

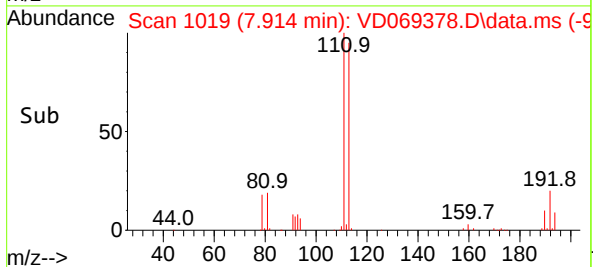
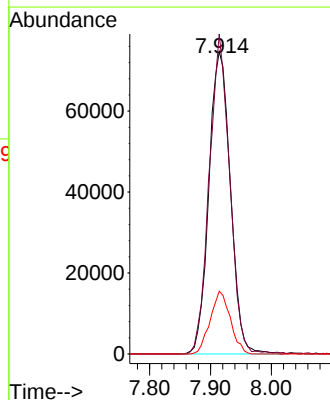
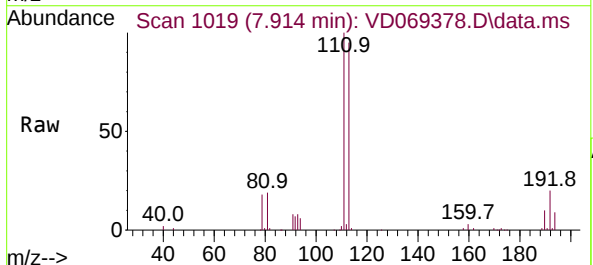
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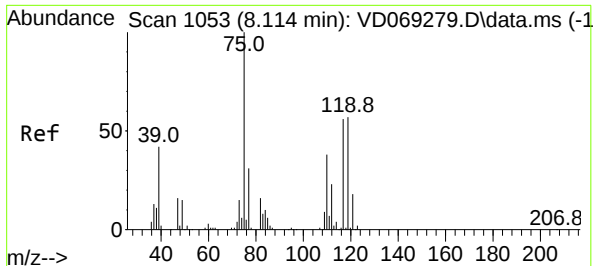
Tgt Ion:114 Resp: 495935
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.6
88 14.8 0.0 31.2



#35
Dibromofluoromethane
Concen: 58.83 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Tgt Ion:113 Resp: 183221
Ion Ratio Lower Upper
113 100
111 100.3 83.0 124.6
192 19.4 15.1 22.7

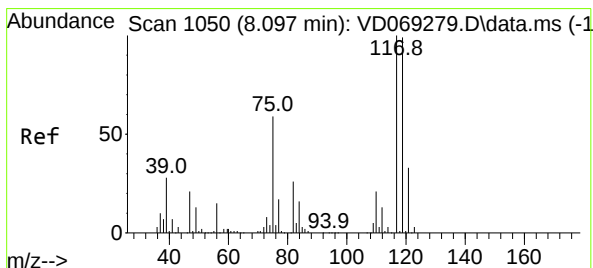
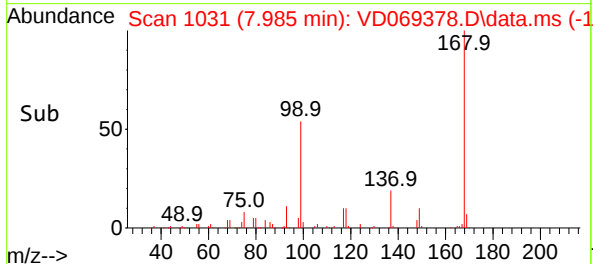
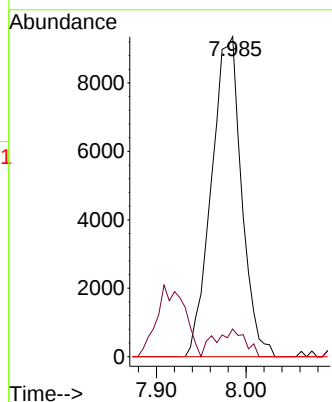
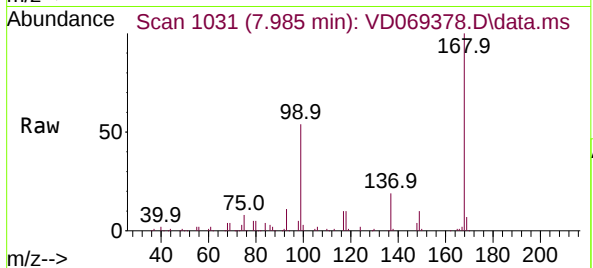




#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

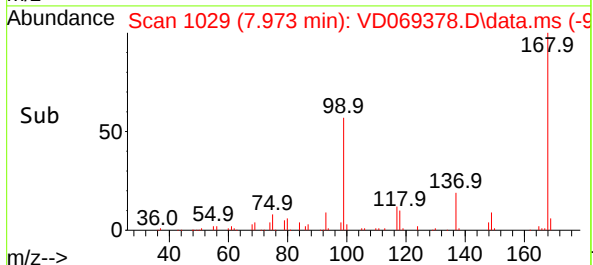
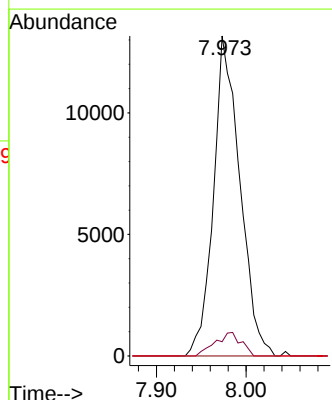
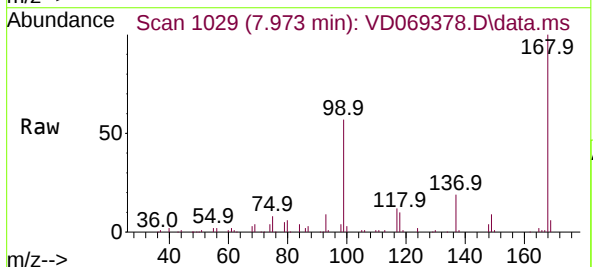
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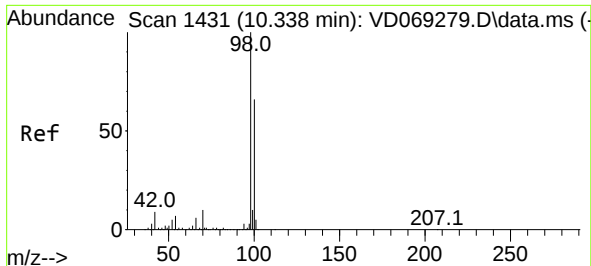
Tgt Ion: 75 Resp: 21795
Ion Ratio Lower Upper
75 100
110 6.2 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.17 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Tgt Ion: 117 Resp: 26911
Ion Ratio Lower Upper
117 100
119 4.4 79.4 119.2#
121 0.0 26.1 39.1#

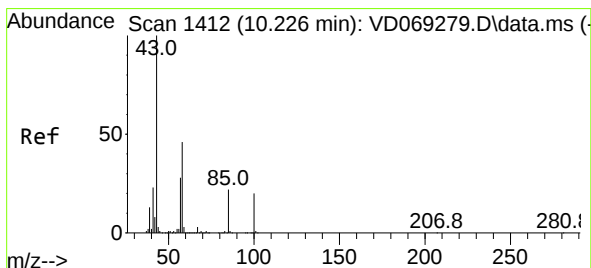
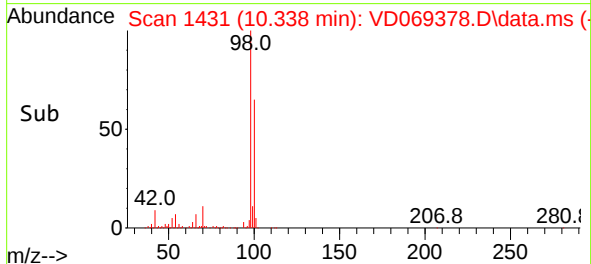
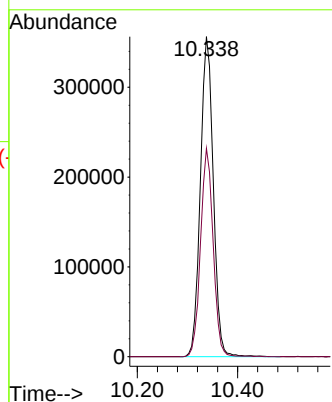
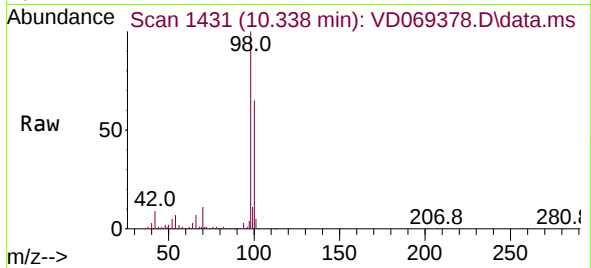




#50
Toluene-d8
Concen: 56.22 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

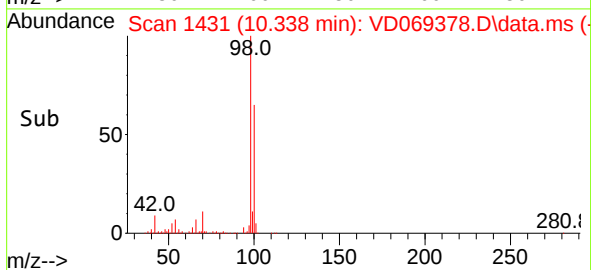
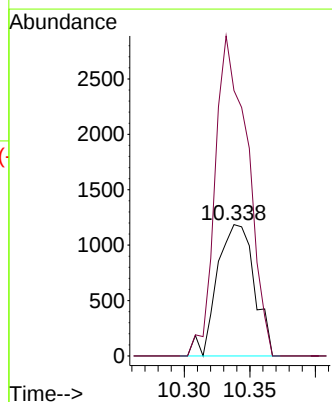
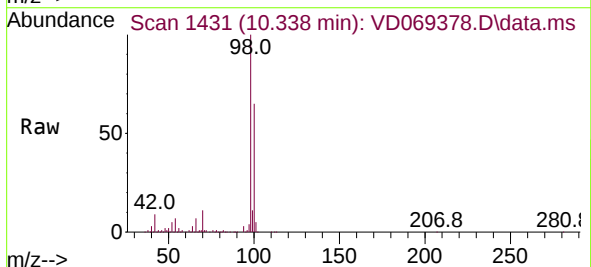
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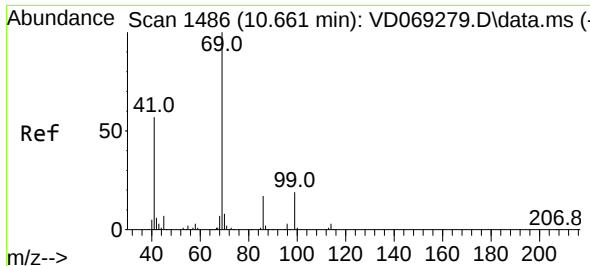
Tgt Ion: 98 Resp: 636693
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.52 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Tgt Ion: 43 Resp: 2338
Ion Ratio Lower Upper
43 100
58 212.8 35.1 52.7#

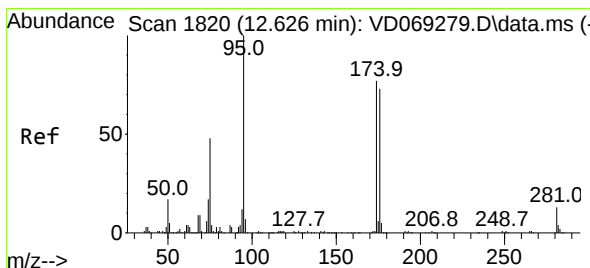
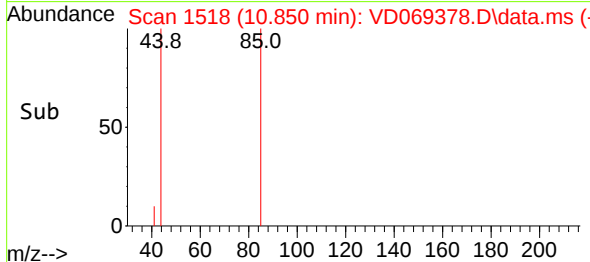
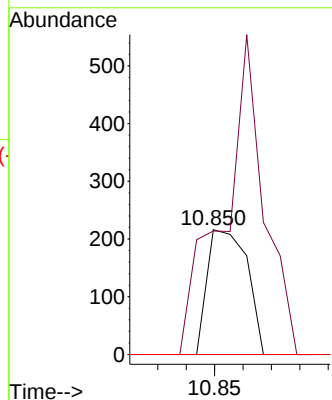
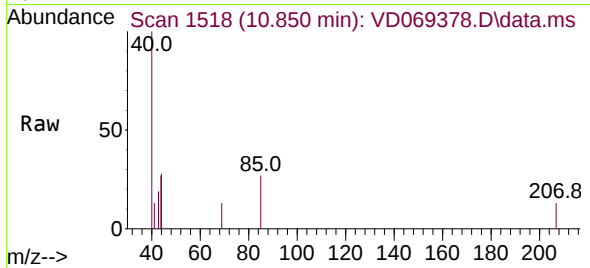




#56
Ethyl methacrylate
Concen: 2.70 ug/l
RT: 10.850 min Scan# 1518
Delta R.T. 0.189 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

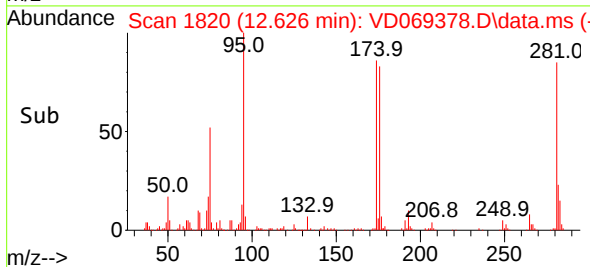
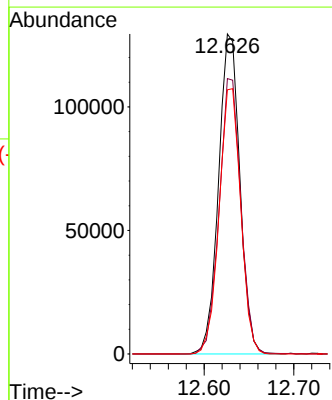
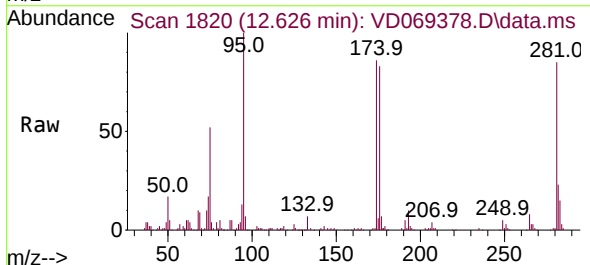
Instrument :
MSVOA_D
ClientSampleId :
18-B12(158-162)

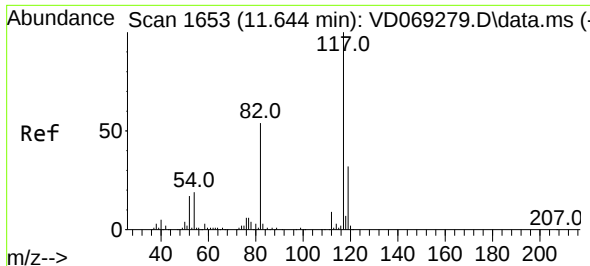
Tgt Ion: 69 Resp: 210
Ion Ratio Lower Upper
69 100
41 265.7 45.4 68.2#
39 0.0 21.7 32.5#



#62
4-Bromofluorobenzene
Concen: 57.52 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Tgt Ion: 95 Resp: 213451
Ion Ratio Lower Upper
95 100
174 87.3 0.0 162.8
176 83.9 0.0 154.4

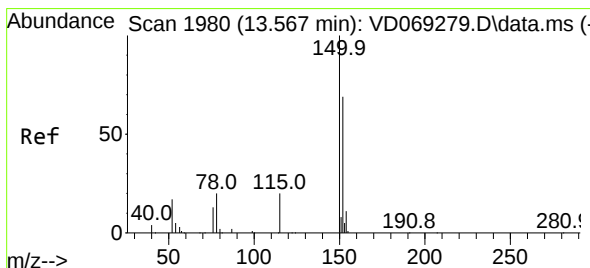
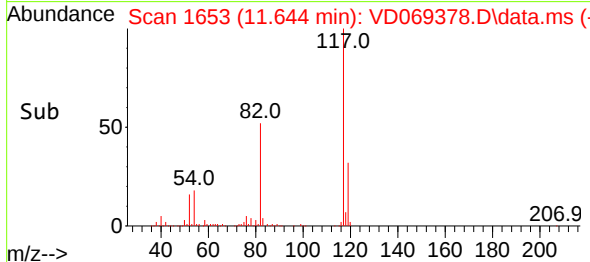
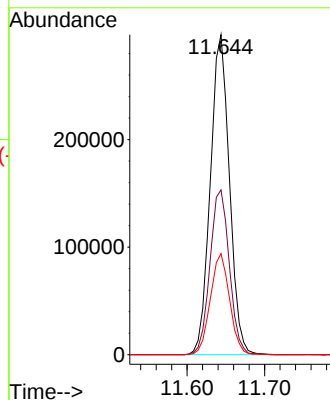
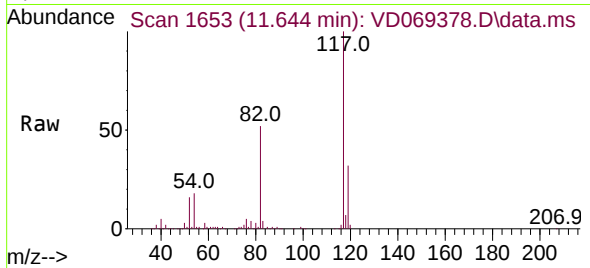




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

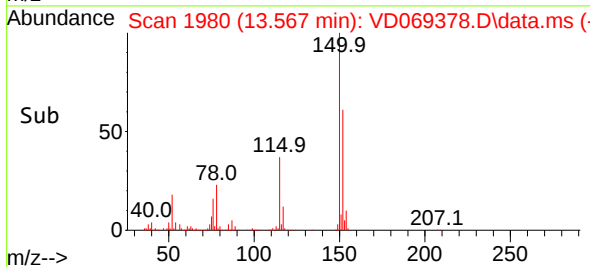
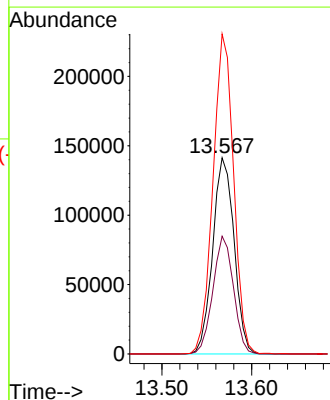
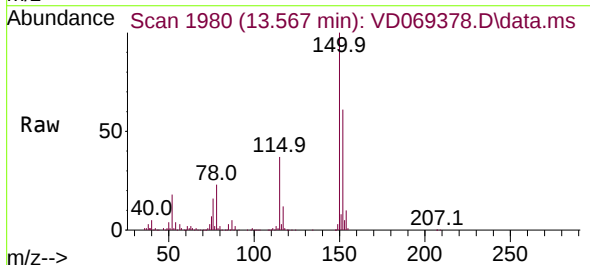
Instrument :
MSVOA_D
ClientSampleId :
18-B12(158-162)

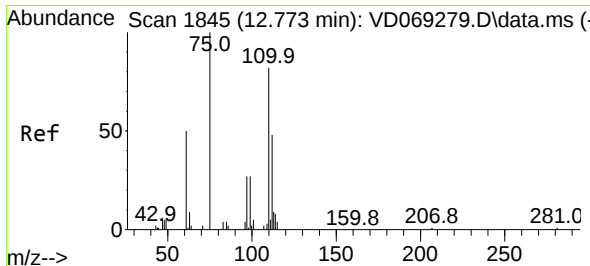
Tgt Ion:	117	Resp:	509301
Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.3	64.9
119	31.6	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Tgt Ion:	152	Resp:	233640
Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.4	88.3
150	157.4	0.0	355.0

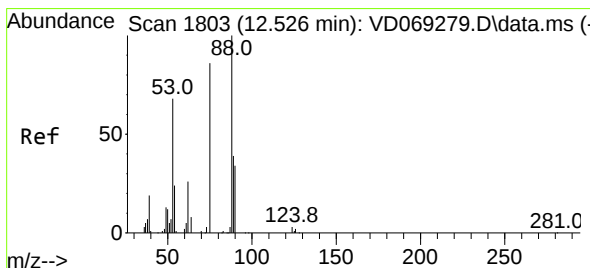
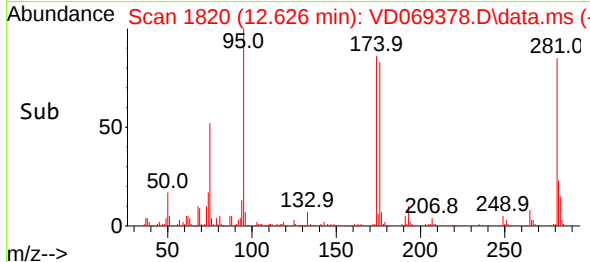
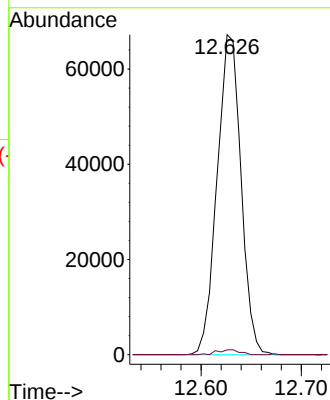
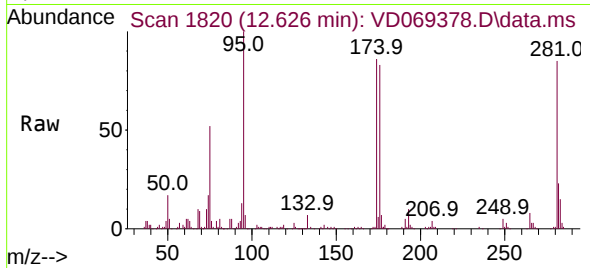




#76
1,2,3-Trichloropropane
Concen: 54.73 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

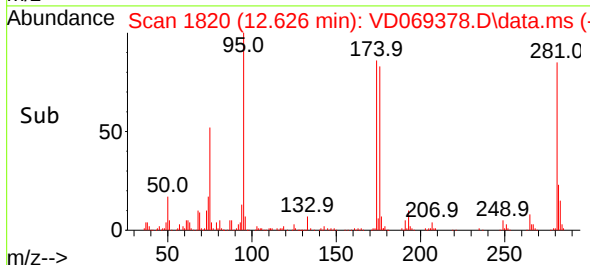
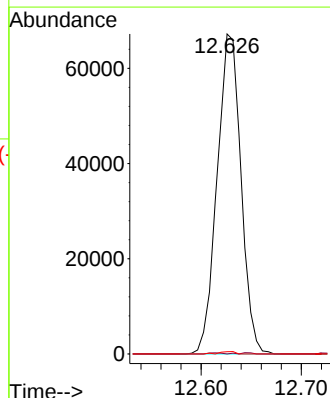
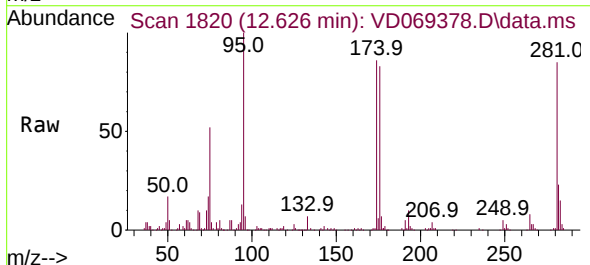
Instrument :
MSVOA_D
ClientSampleId :
18-B12(158-162)

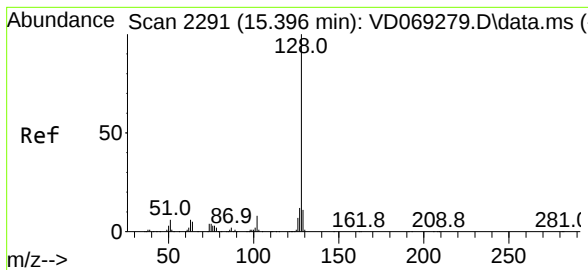
Tgt Ion: 75 Resp: 111099
Ion Ratio Lower Upper
75 100
77 1.5 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.28 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Tgt Ion: 75 Resp: 111099
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.5 35.6 53.4#





#95
Naphthalene
Concen: 3.34 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.011 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Instrument :
MSVOA_D
ClientSampleId :
18-B12(158-162)

Tgt Ion:	128	Resp:	357
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.8	13.2#

