

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012422\
 Data File : VD071778.D
 Acq On : 24 Jan 2022 15:21
 Operator : VA/SY
 Sample : N1243-10
 Misc : 4.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AMI-3

Quant Time: Jan 25 04:11:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

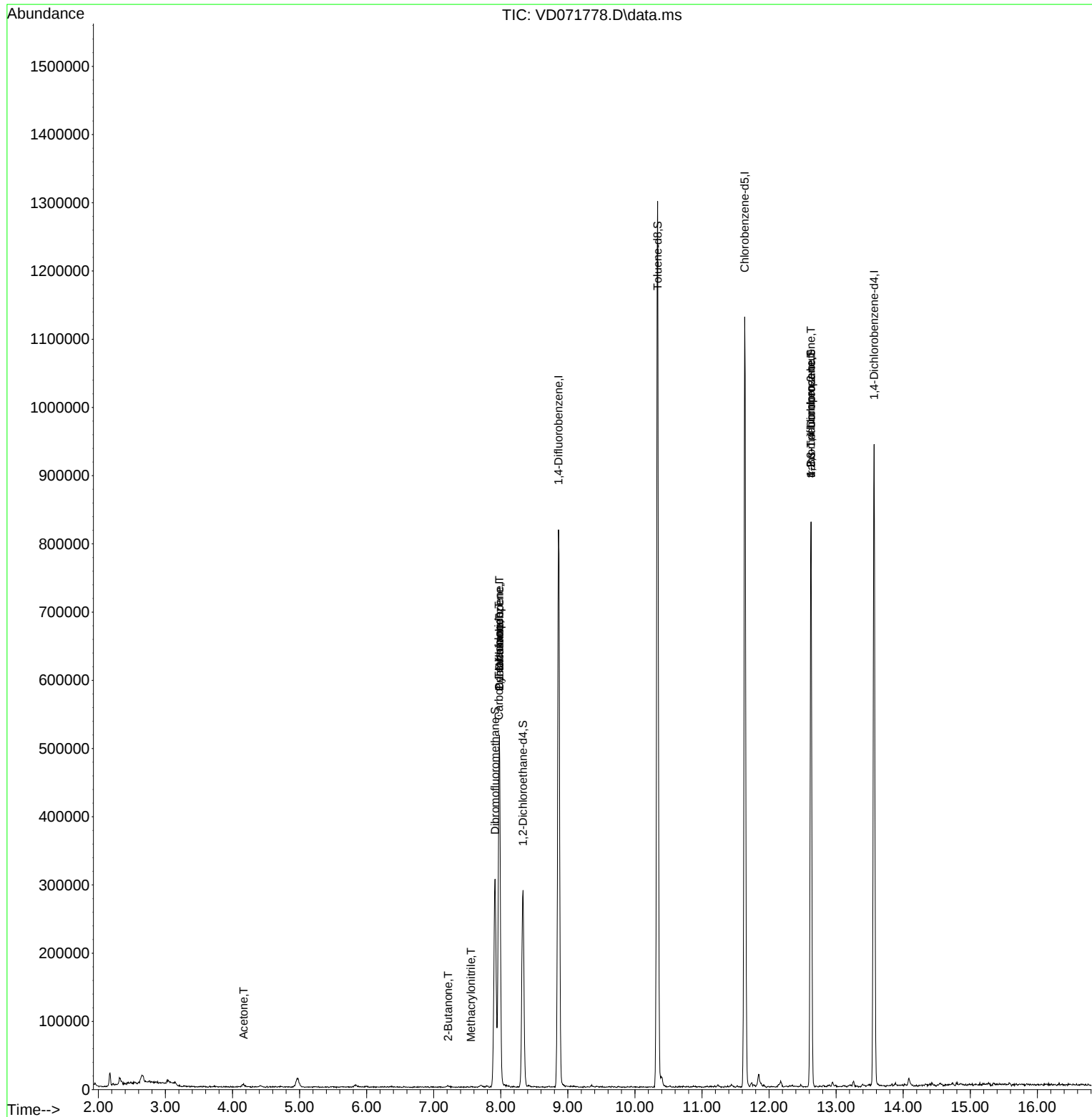
Internal Standards						
1) Pentafluorobenzene	7.979	168	341120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	652344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	581547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	225625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	234512	53.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.860%	
35) Dibromofluoromethane	7.914	113	211398	49.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.060%	
50) Toluene-d8	10.338	98	819912	50.806	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.626	95	248703	43.734	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	333	Below Cal	#	43
3) Chloromethane	2.220	50	826	Below Cal	#	40
5) Bromomethane	2.767	94	501	Below Cal		83
11) Tert butyl alcohol	5.208	59	287	Below Cal	#	75
16) Acetone	4.167	43	6745	6.656	ug/l #	44
18) Methyl Acetate	4.714	43	153	Below Cal	#	56
20) Methylene Chloride	4.973	84	9785	Below Cal	#	68
25) 2-Butanone	7.214	43	2026	1.692	ug/l #	71
31) Cyclohexane	7.979	56	10533	2.043	ug/l #	19
36) 1,1-Dichloropropene	7.979	75	34248	5.569	ug/l #	51
38) Carbon Tetrachloride	7.973	117	38468	6.177	ug/l #	17
41) Methacrylonitrile	7.555	41	183	1.232	ug/l #	43
76) 1,2,3-Trichloropropane	12.626	75	143564	65.850	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	143564	183.582	ug/l #	3

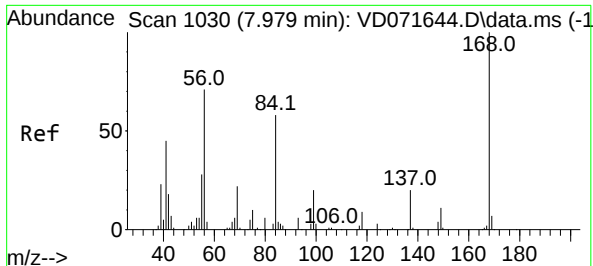
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
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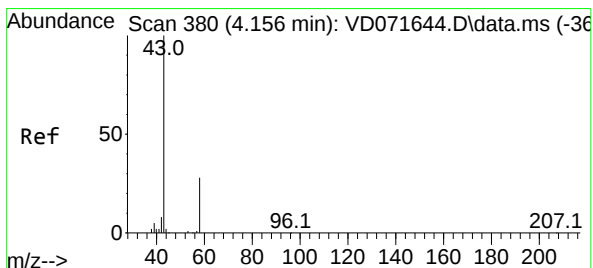
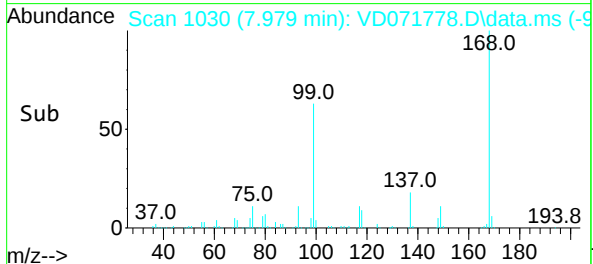
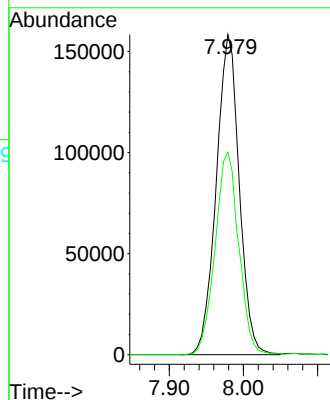
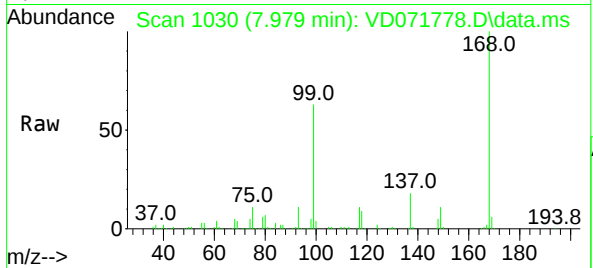




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071778.D
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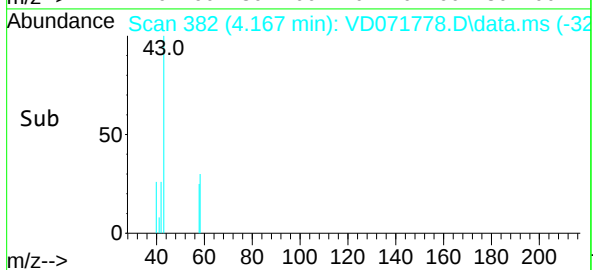
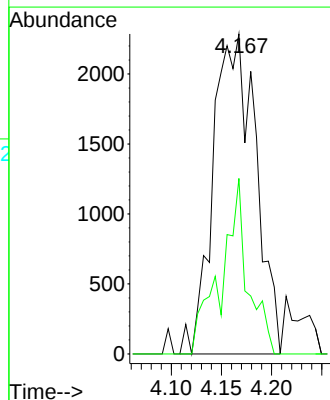
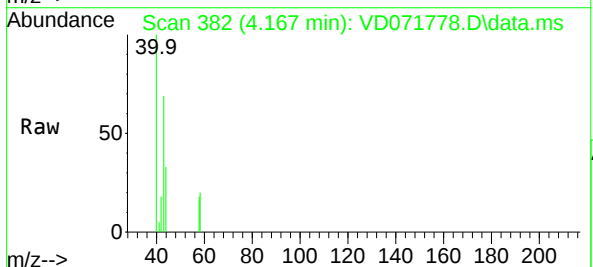
Instrument :
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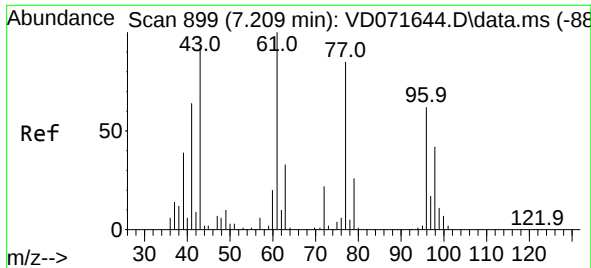
Tgt Ion:168 Resp: 341120
Ion Ratio Lower Upper
168 100
99 63.2 51.8 77.6



#16
Acetone
Concen: 6.656 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

Tgt Ion: 43 Resp: 6745
Ion Ratio Lower Upper
43 100
58 54.9 21.0 31.6#

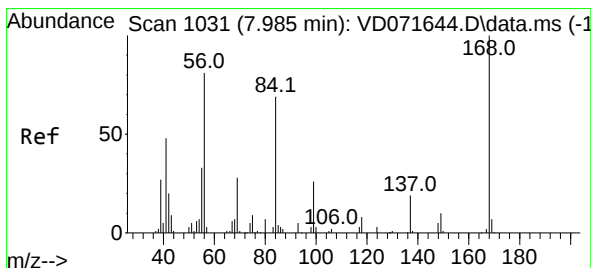
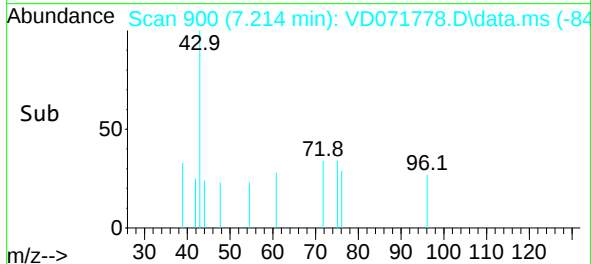
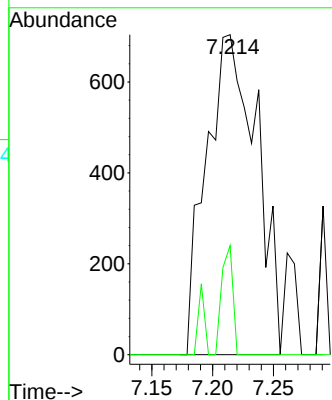
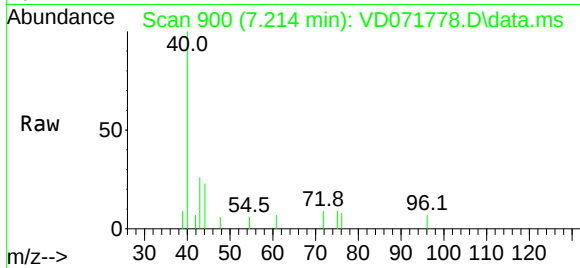




#25
2-Butanone
Concen: 1.692 ug/l
RT: 7.214 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

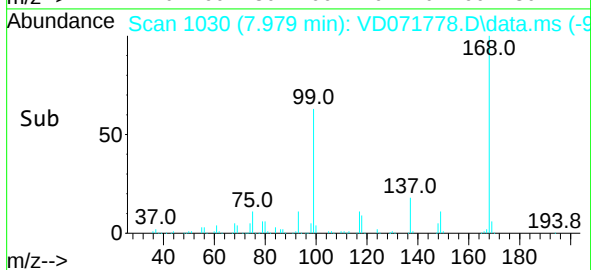
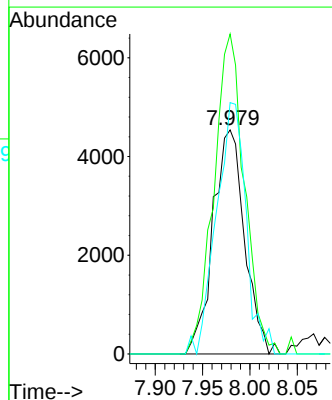
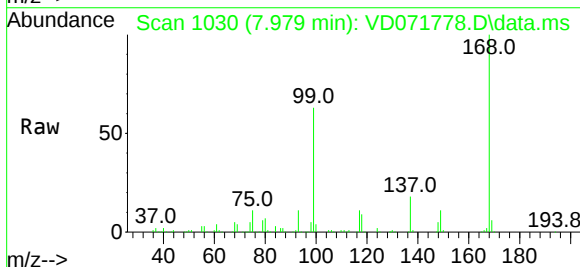
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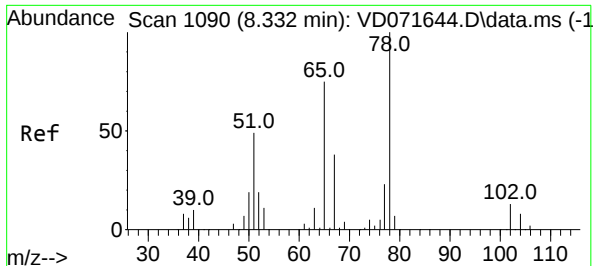
Tgt Ion: 43 Resp: 2026
Ion Ratio Lower Upper
43 100
72 34.1 16.4 24.6#



#31
Cyclohexane
Concen: 2.043 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

Tgt Ion: 56 Resp: 10533
Ion Ratio Lower Upper
56 100
69 142.9 21.7 32.5#
84 112.2 65.7 98.5#

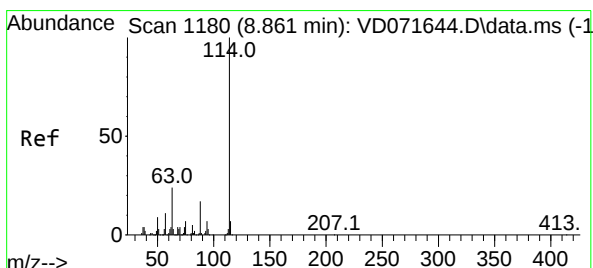
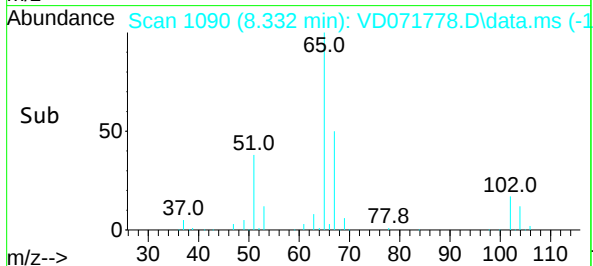
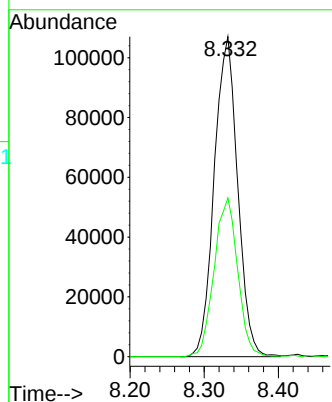
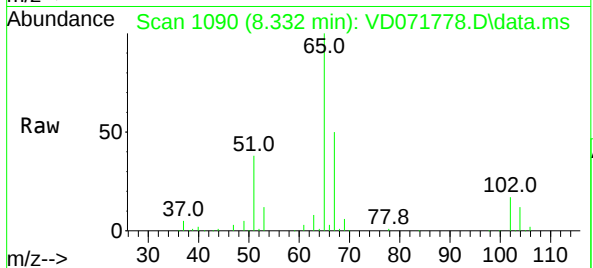




#33
1,2-Dichloroethane-d4
Concen: 53.429 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

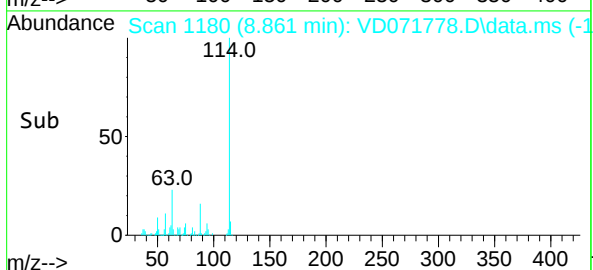
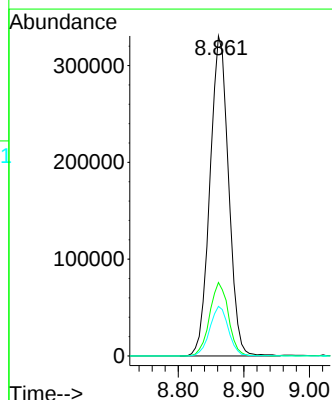
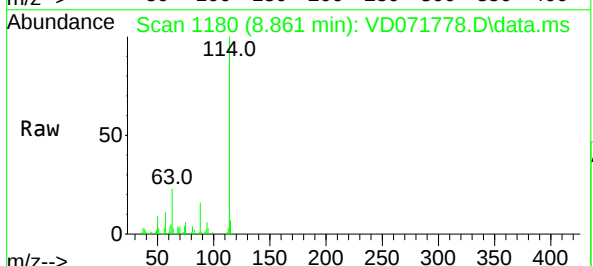
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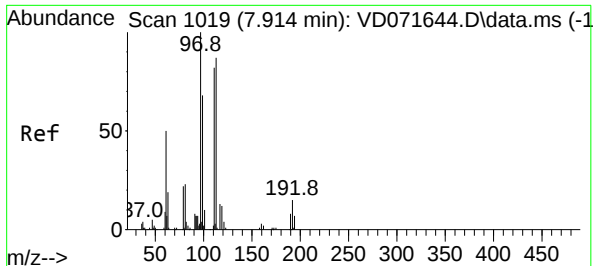
Tgt Ion: 65 Resp: 234512
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

Tgt Ion: 114 Resp: 652344
Ion Ratio Lower Upper
114 100
63 22.9 0.0 46.2
88 15.5 0.0 32.0

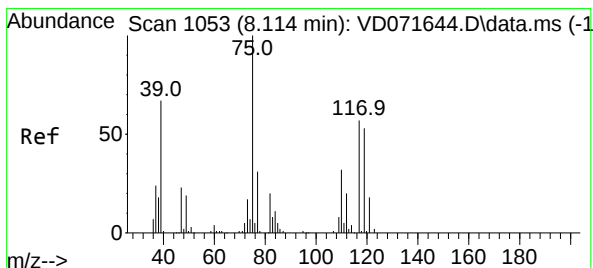
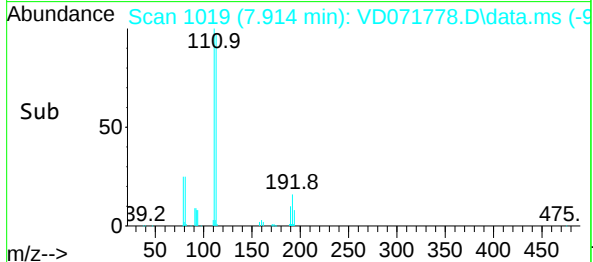
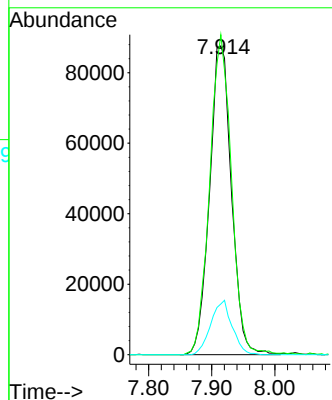
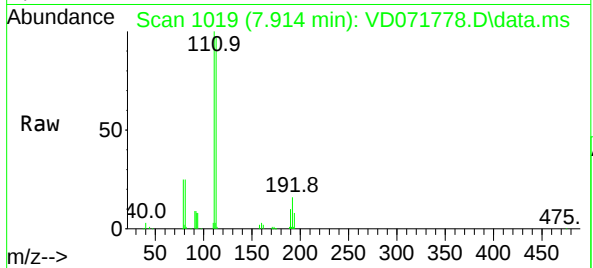




#35
Dibromofluoromethane
Concen: 49.035 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

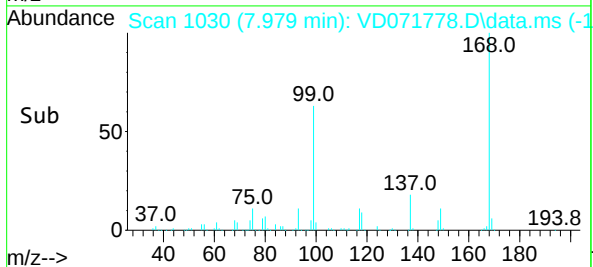
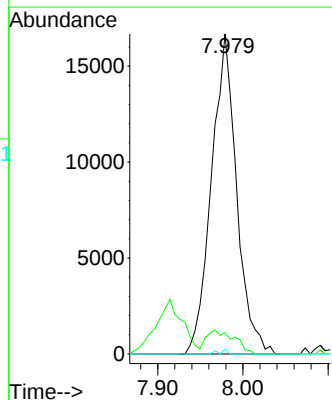
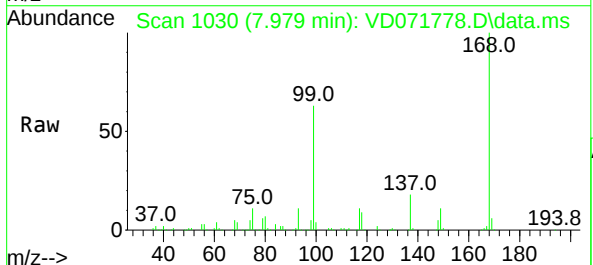
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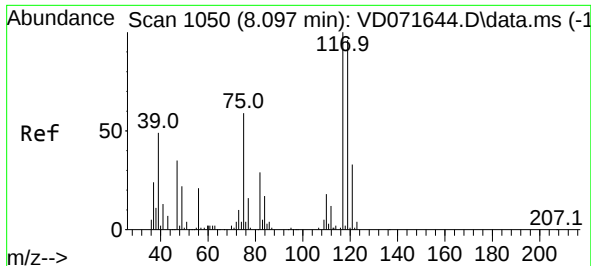
Tgt Ion:113 Resp: 211398
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.569 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

Tgt Ion: 75 Resp: 34248
Ion Ratio Lower Upper
75 100
110 8.3 16.0 48.0#
77 0.2 24.5 36.7#

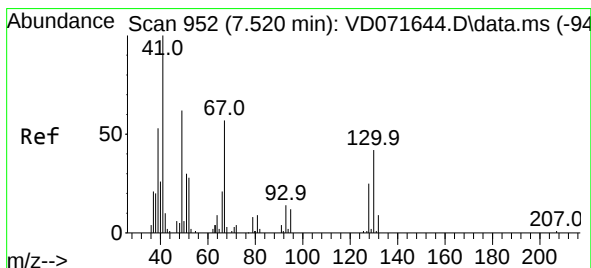
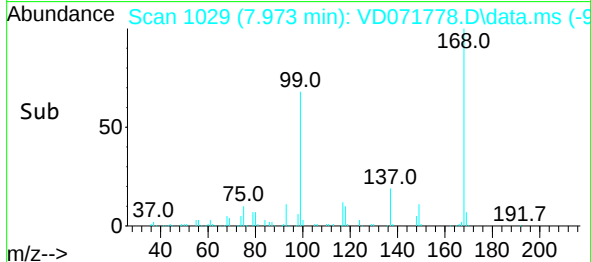
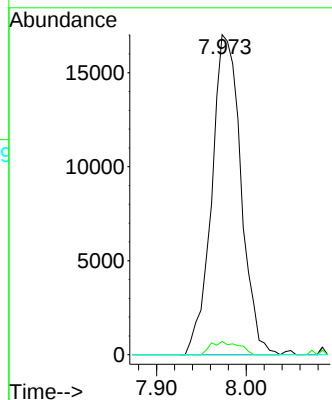
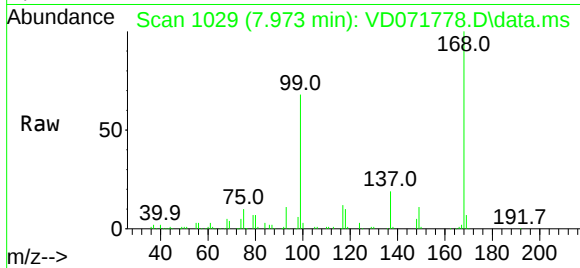




#38
Carbon Tetrachloride
Concen: 6.177 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

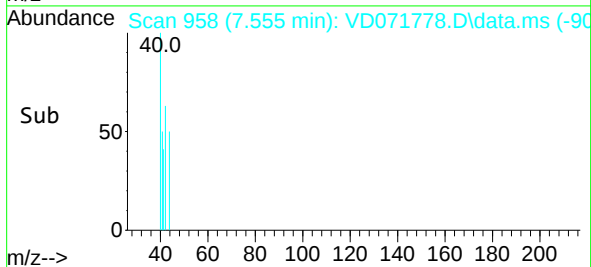
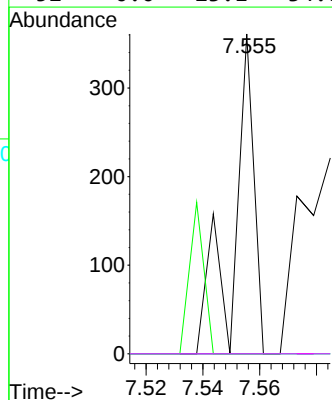
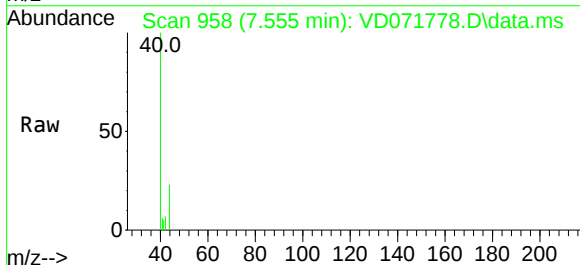
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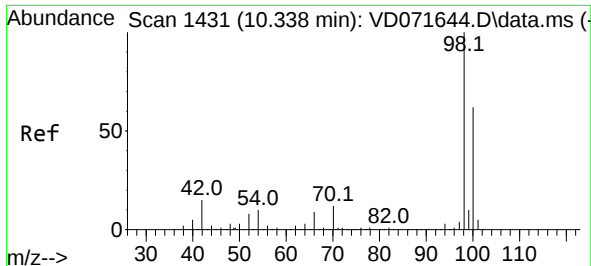
Tgt Ion:117 Resp: 38468
Ion Ratio Lower Upper
117 100
119 4.2 73.4 110.2#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.232 ug/l
RT: 7.555 min Scan# 958
Delta R.T. 0.035 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

Tgt Ion: 41 Resp: 183
Ion Ratio Lower Upper
41 100
39 32.8 46.9 70.3#
67 0.0 49.3 73.9#
52 0.0 23.1 34.7#

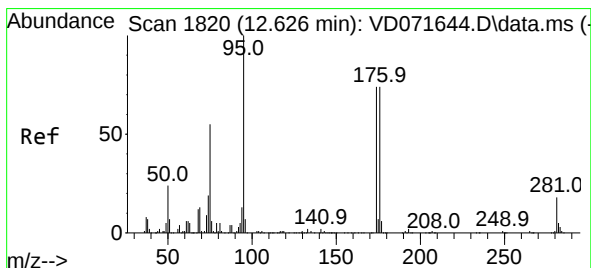
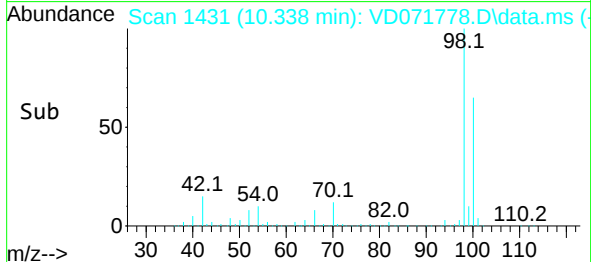
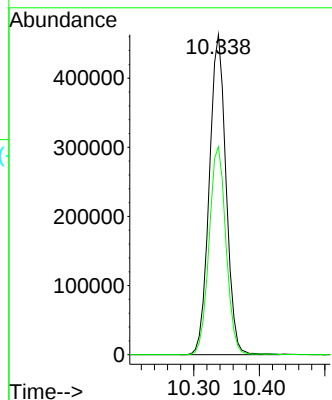
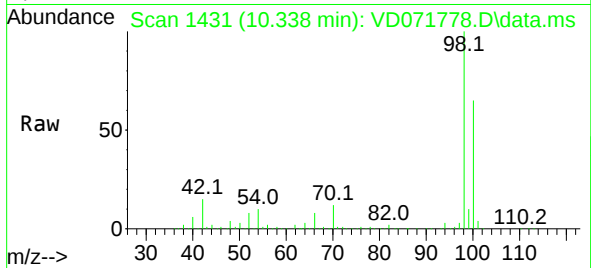




#50
Toluene-d8
Concen: 50.806 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

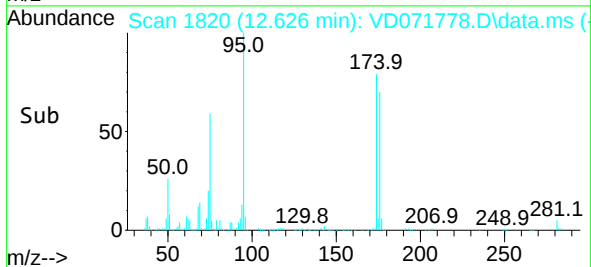
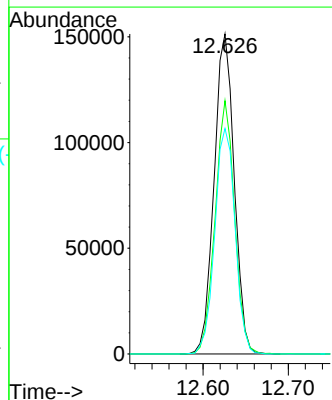
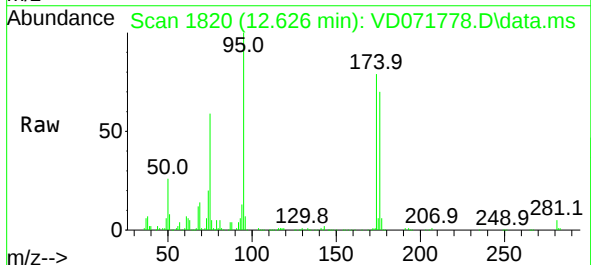
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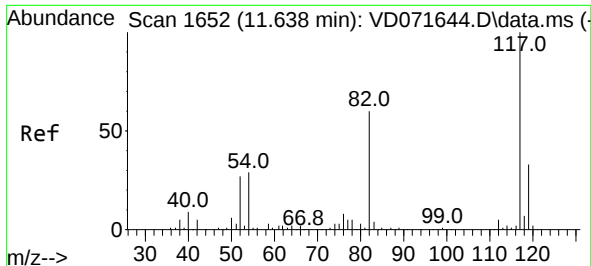
Tgt Ion: 98 Resp: 819912
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.734 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

Tgt Ion: 95 Resp: 248703
Ion Ratio Lower Upper
95 100
174 76.8 0.0 150.0
176 70.9 0.0 146.4

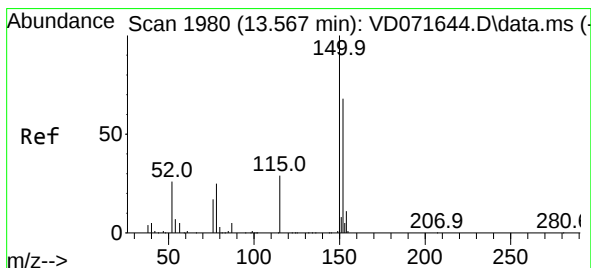
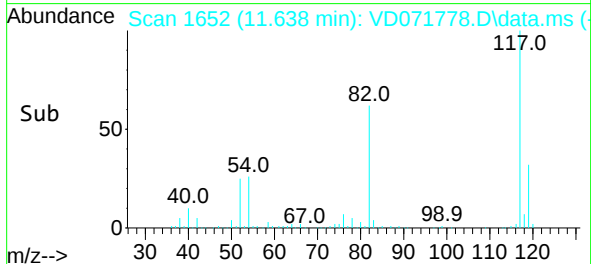
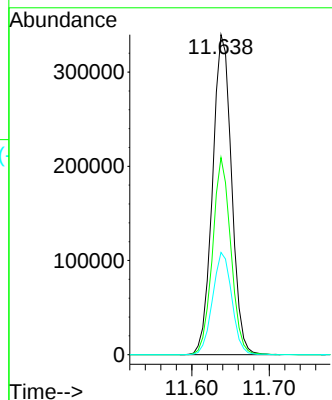
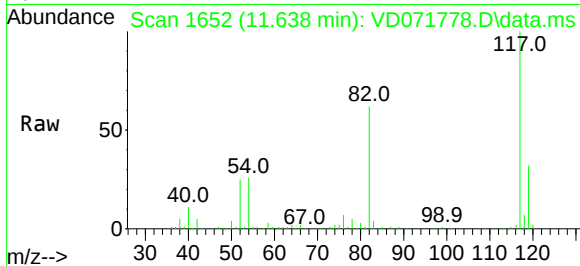




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

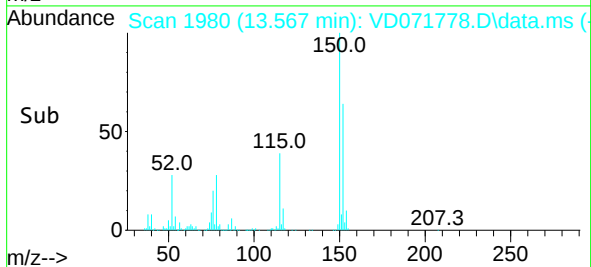
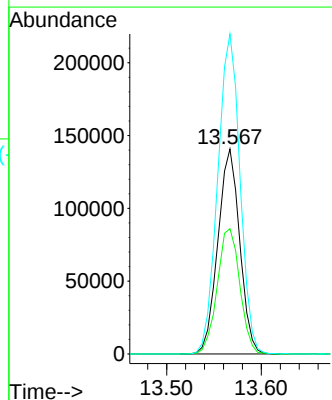
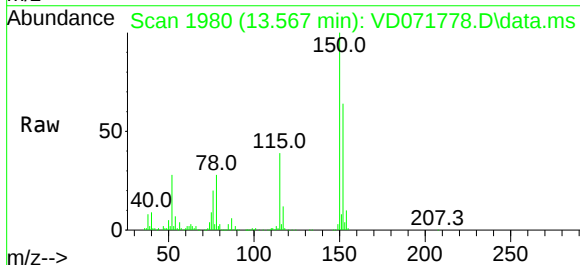
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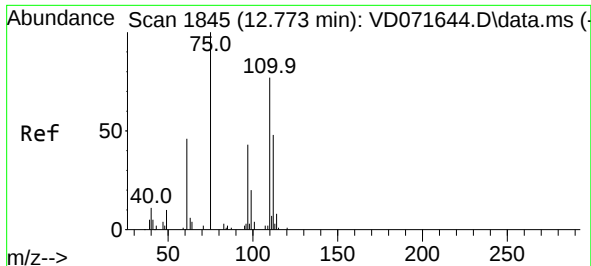
Tgt Ion:117 Resp: 581547
Ion Ratio Lower Upper
117 100
82 61.6 46.9 70.3
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

Tgt Ion:152 Resp: 225625
Ion Ratio Lower Upper
152 100
115 63.2 31.5 94.5
150 159.1 0.0 348.0

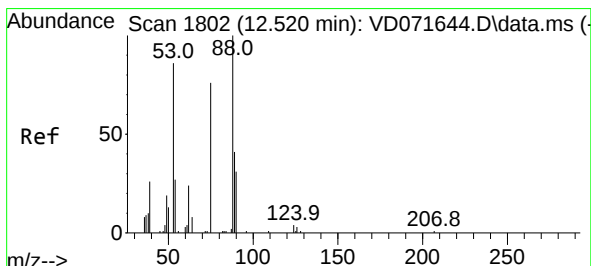
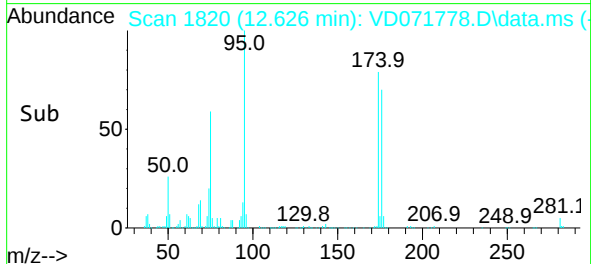
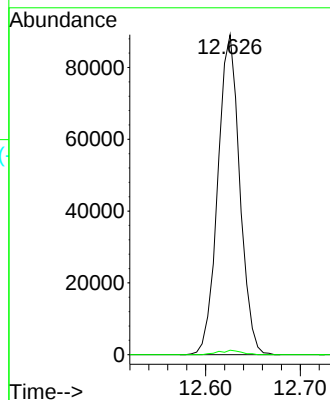
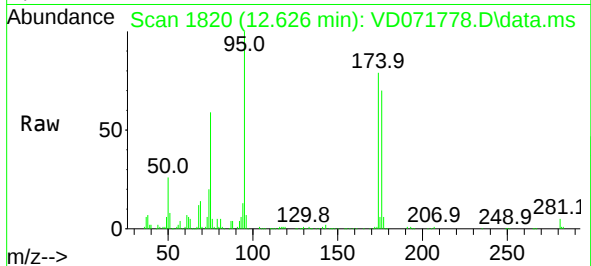




#76
1,2,3-Trichloropropane
Concen: 65.850 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

Instrument :
MSVOA_D
ClientSampleId :
AMI-3

Tgt Ion: 75 Resp: 143564
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 183.582 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071778.D
Acq: 24 Jan 2022 15:21

Tgt Ion: 75 Resp: 143564
Ion Ratio Lower Upper
75 100
53 0.1 95.4 143.0#
89 0.1 37.2 55.8#

