

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070250.D
 Acq On : 25 Aug 2021 14:43
 Operator : VA/SY
 Sample : M3467-18RE
 Misc : 2.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-4-(177.00)-VOC-GRAB

Quant Time: Aug 26 02:44:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

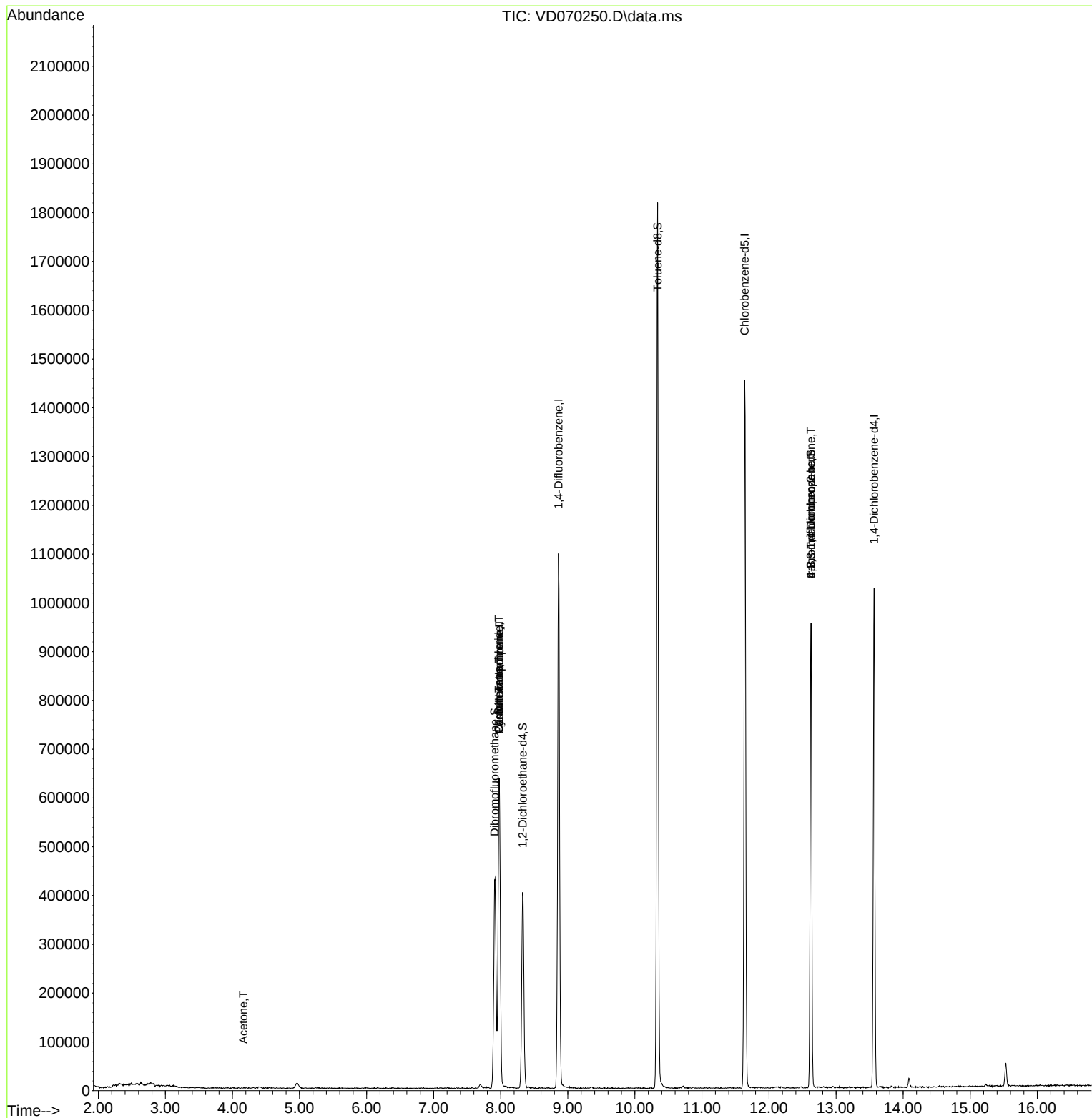
Internal Standards						
1) Pentafluorobenzene	7.979	168	455892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	923865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	849464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	262937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	321522	59.963	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.920%	
35) Dibromofluoromethane	7.909	113	323497	54.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.400%	
50) Toluene-d8	10.338	98	1197844	51.597	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.200%	
62) 4-Bromofluorobenzene	12.626	95	314847	41.175	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.360%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	680	Below Cal	#	39
3) Chloromethane	2.209	50	1328	Below Cal	#	42
5) Bromomethane	2.785	94	2279	Below Cal		97
16) Acetone	4.162	43	1289	1.305	ug/l #	80
20) Methylene Chloride	4.973	84	9467	Below Cal	#	76
31) Cyclohexane	7.973	56	12487	1.177	ug/l #	6
36) 1,1-Dichloropropene	7.979	75	41905	4.216	ug/l #	47
38) Carbon Tetrachloride	7.973	117	49022	5.433	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	155777	58.419	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	155777	151.634	ug/l #	18

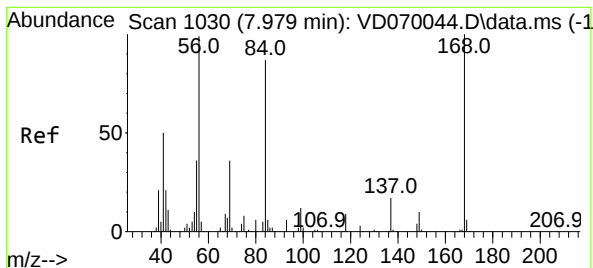
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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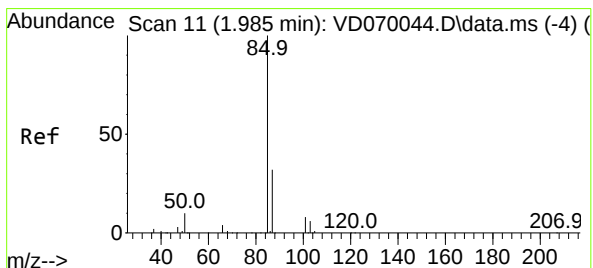
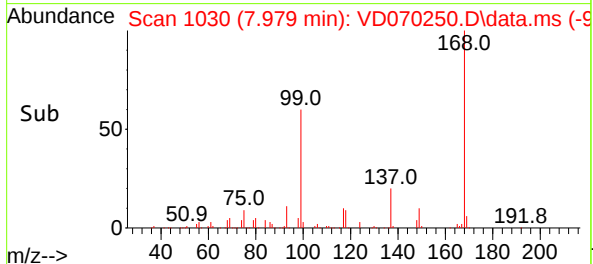
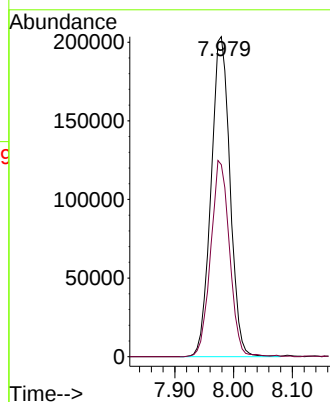
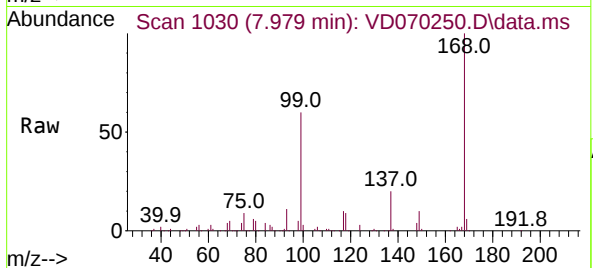




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

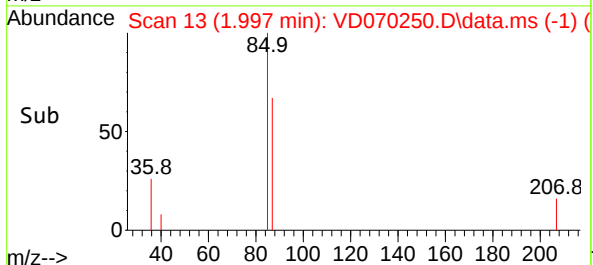
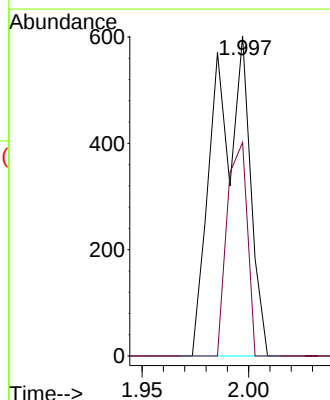
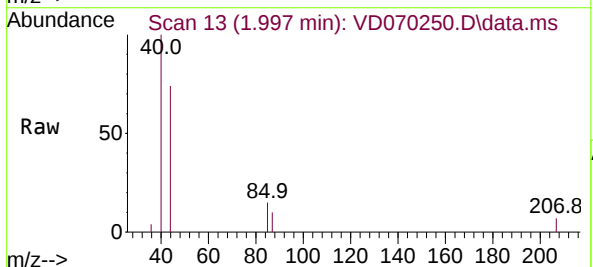
Instrument :
MSVOA_D
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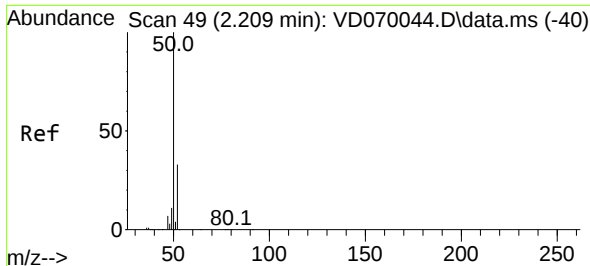
Tgt Ion:168 Resp: 455892
Ion Ratio Lower Upper
168 100
99 60.0 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

Tgt Ion: 85 Resp: 680
Ion Ratio Lower Upper
85 100
87 66.8 16.2 48.6#

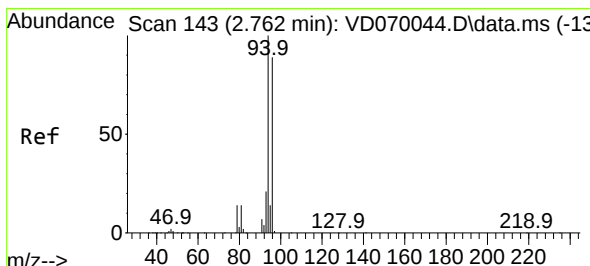
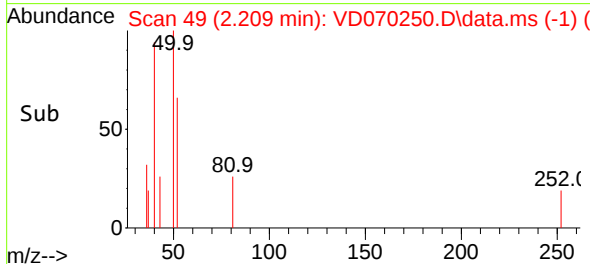
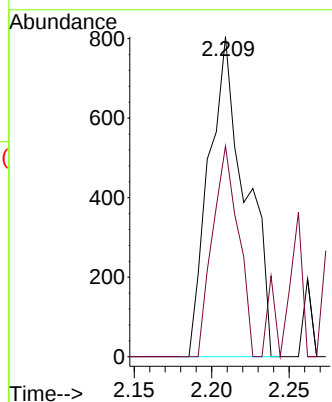
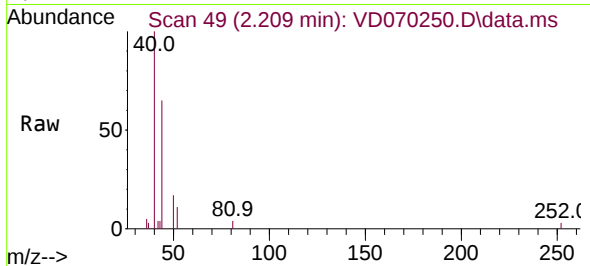




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

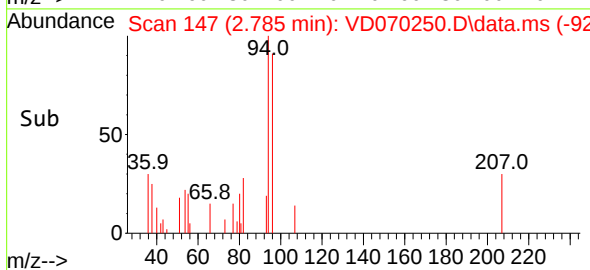
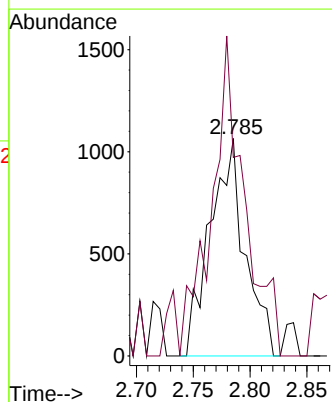
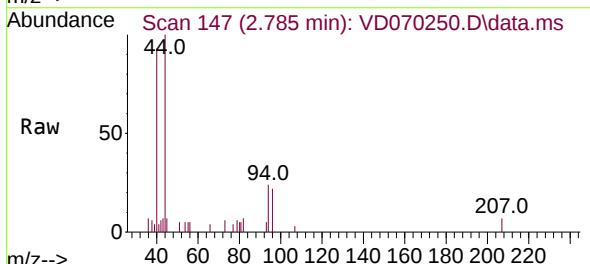
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ClientSampleId :
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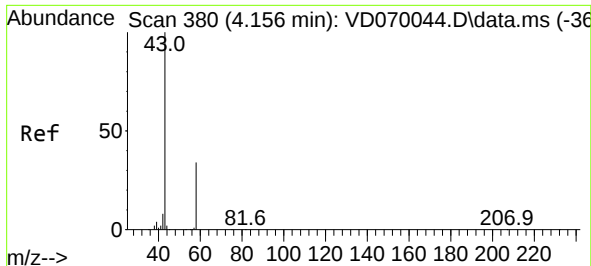
Tgt Ion: 50 Resp: 1328
Ion Ratio Lower Upper
50 100
52 65.8 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

Tgt Ion: 94 Resp: 2279
Ion Ratio Lower Upper
94 100
96 91.3 70.9 106.3

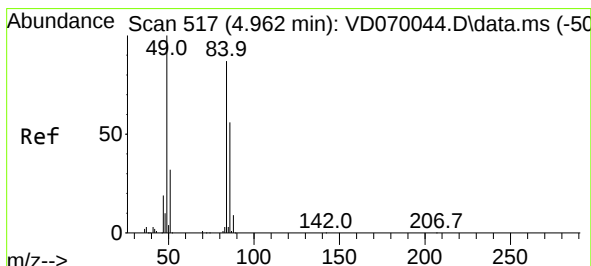
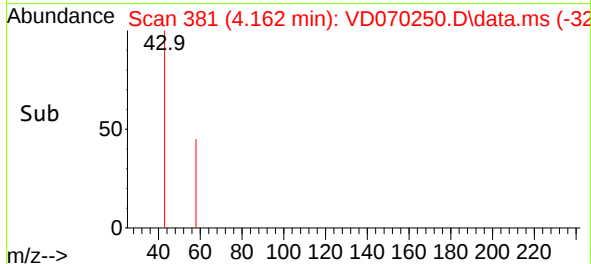
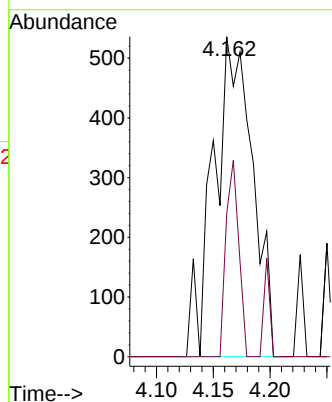
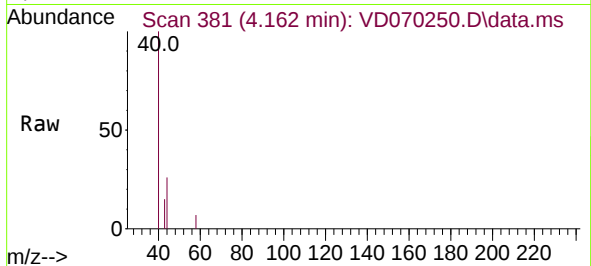




#16
Acetone
Concen: 1.305 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

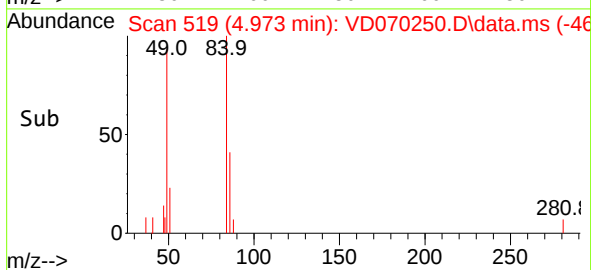
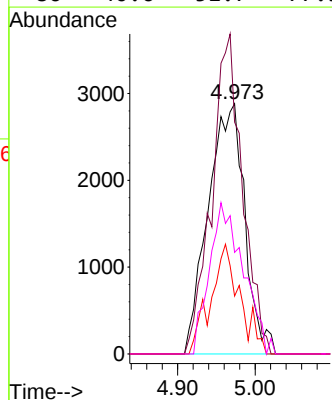
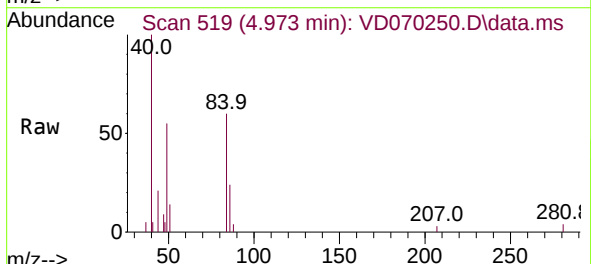
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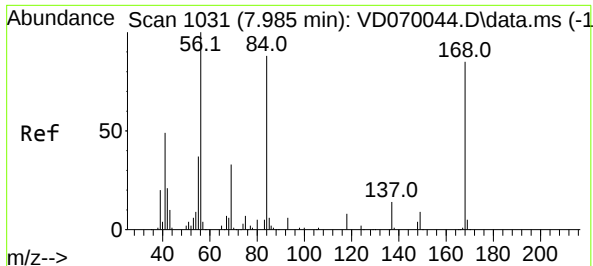
Tgt Ion: 43 Resp: 1289
Ion Ratio Lower Upper
43 100
58 45.0 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

Tgt Ion: 84 Resp: 9467
Ion Ratio Lower Upper
84 100
49 92.6 92.5 138.7
51 23.1 29.7 44.5#
86 40.6 51.7 77.5#

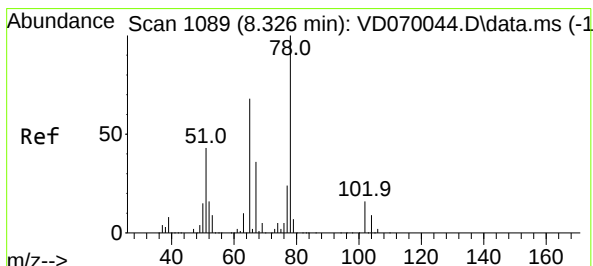
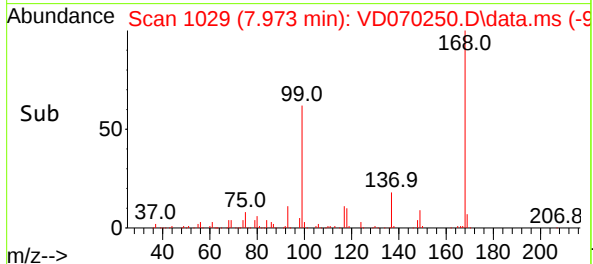
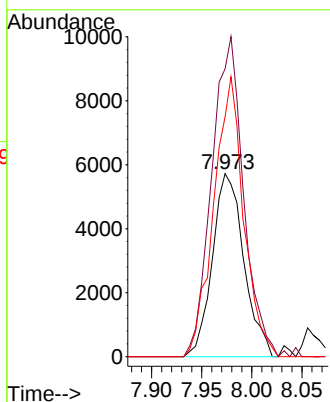
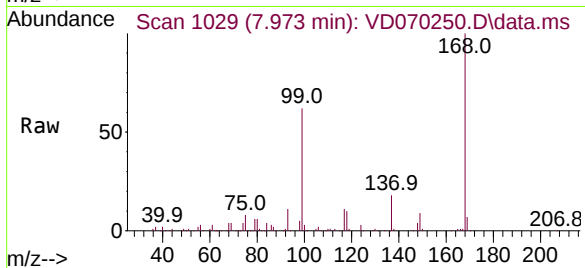




#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

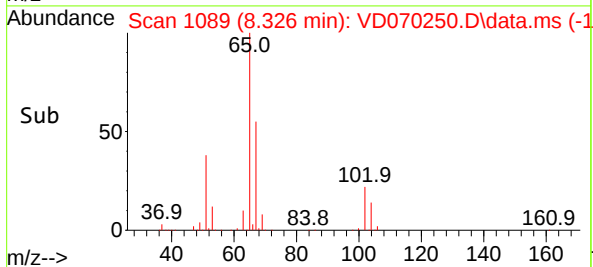
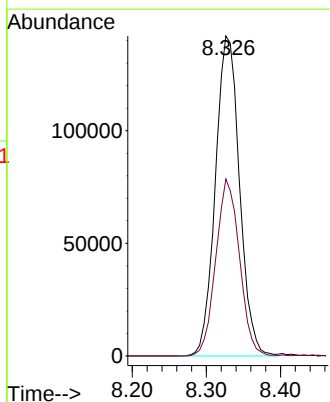
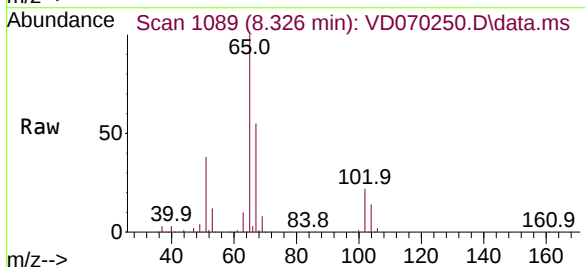
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-4-(177.00)-VOC-GRAB

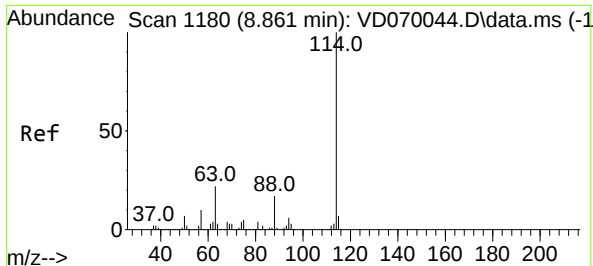
Tgt Ion: 56 Resp: 12487
Ion Ratio Lower Upper
56 100
69 157.3 26.7 40.1#
84 131.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 59.963 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

Tgt Ion: 65 Resp: 321522
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.8

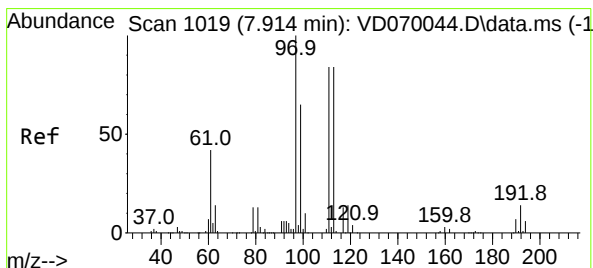
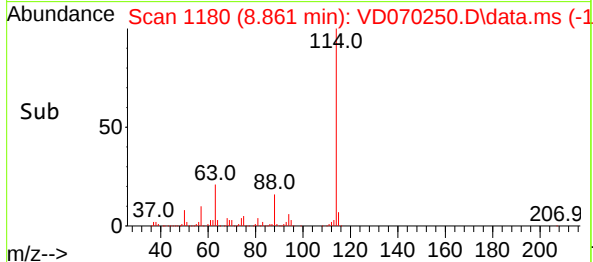
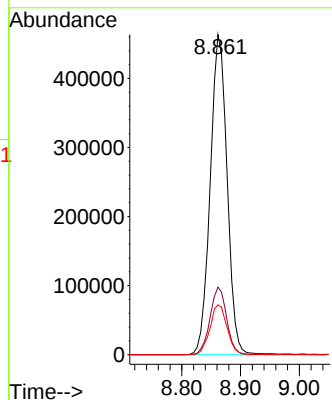
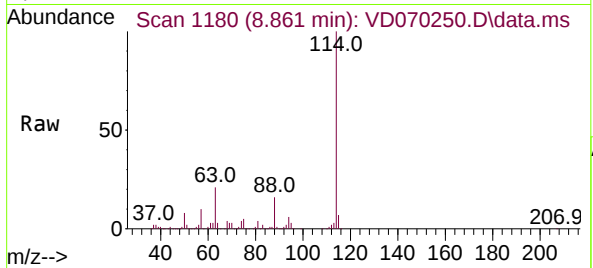




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

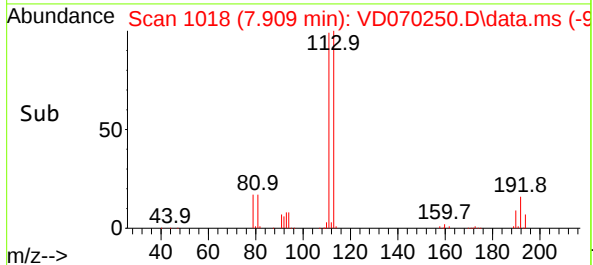
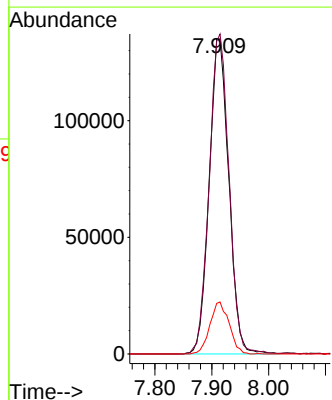
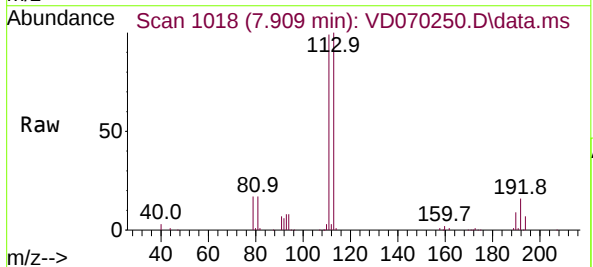
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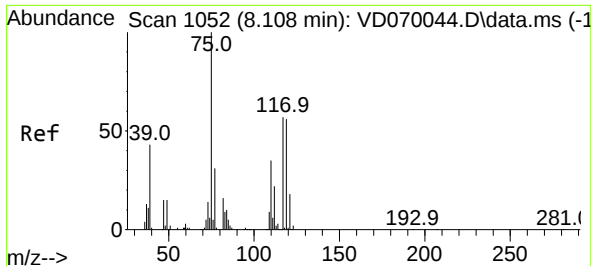
Tgt Ion:114 Resp: 923865
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 54.198 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

Tgt Ion:113 Resp: 323497
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 16.2 13.2 19.8

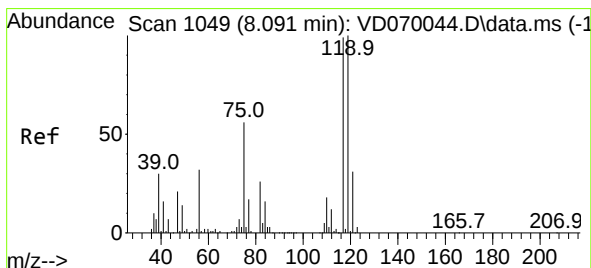
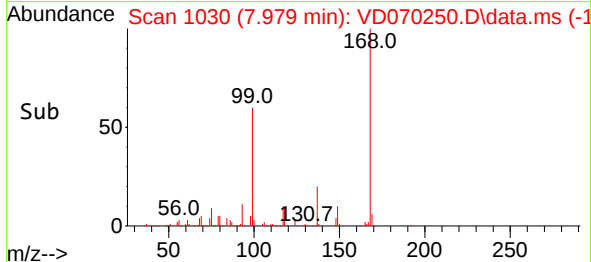
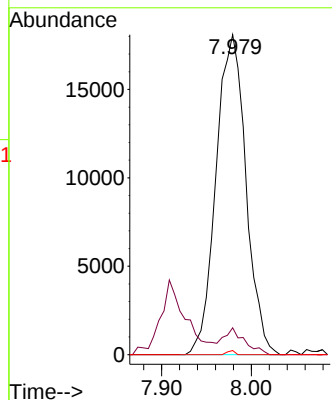
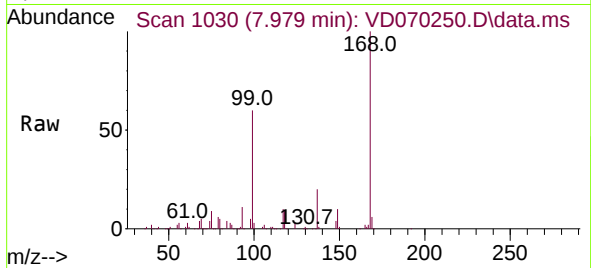




#36
1,1-Dichloropropene
Concen: 4.216 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

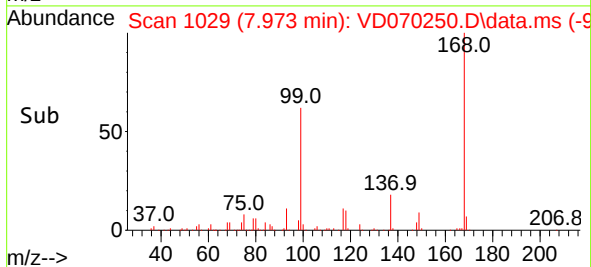
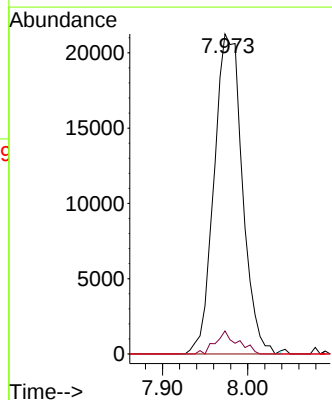
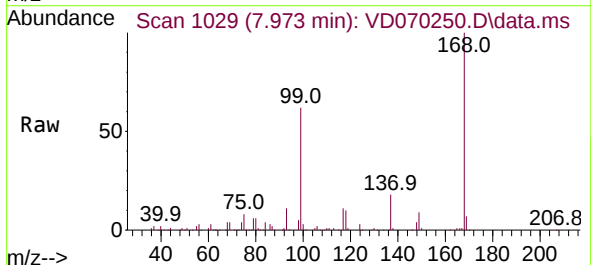
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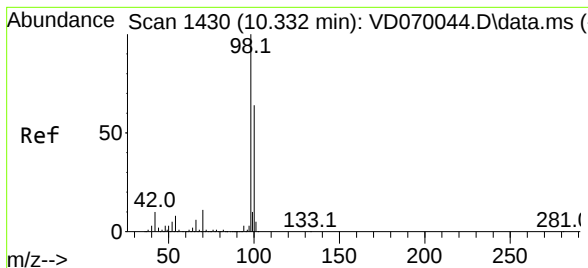
Tgt Ion: 75 Resp: 41905
Ion Ratio Lower Upper
75 100
110 5.8 16.9 50.7#
77 0.3 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.433 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

Tgt Ion: 117 Resp: 49022
Ion Ratio Lower Upper
117 100
119 7.2 81.0 121.6#
121 0.0 25.0 37.6#

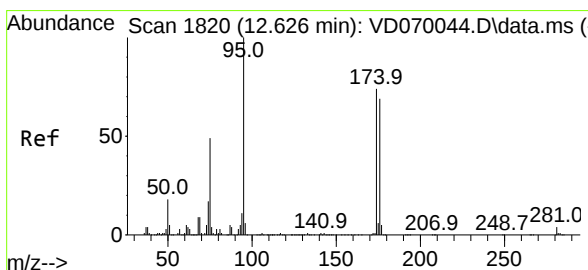
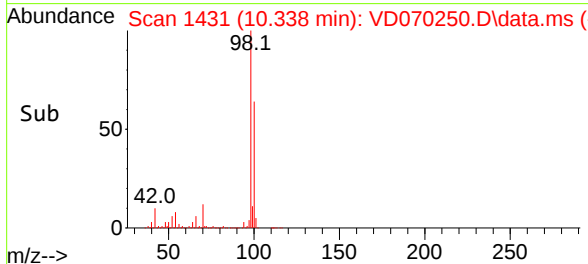
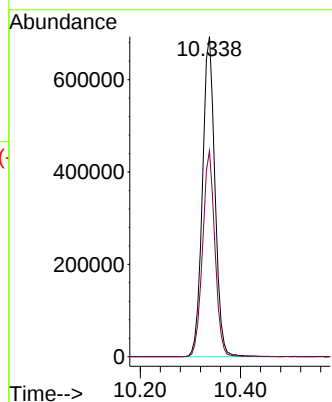
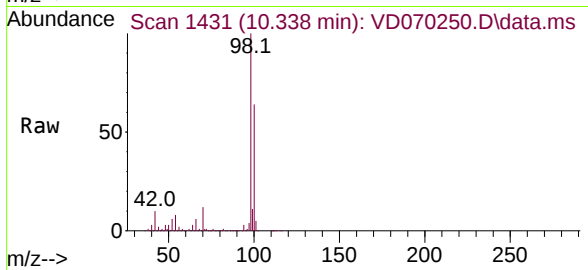




#50
Toluene-d8
Concen: 51.597 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

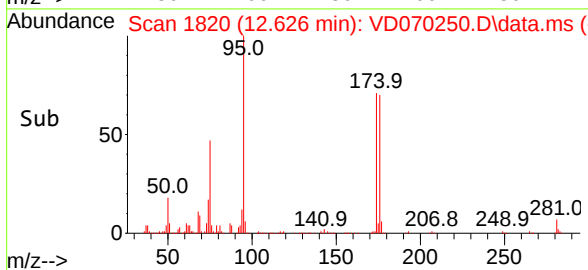
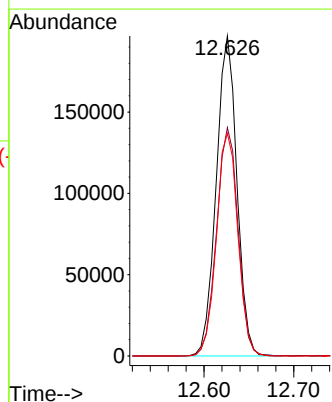
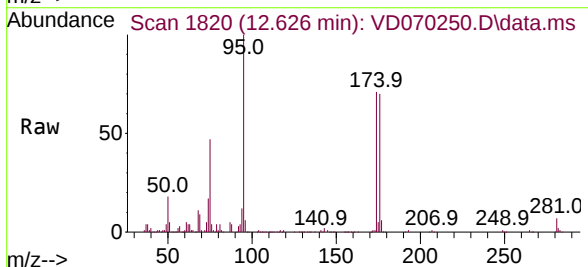
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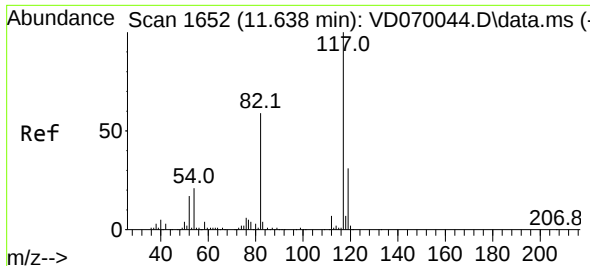
Tgt Ion: 98 Resp: 1197844
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 41.175 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

Tgt Ion: 95 Resp: 314847
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.6
176 71.9 0.0 138.2

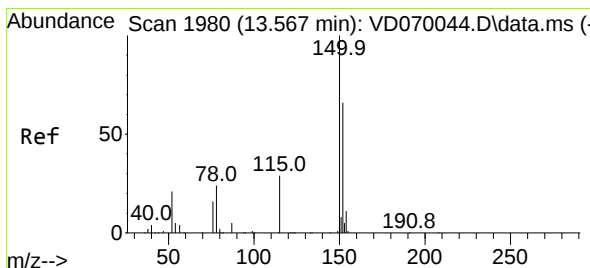
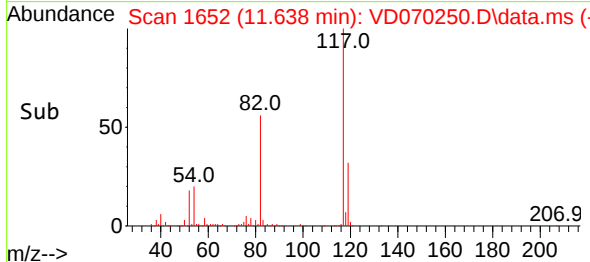
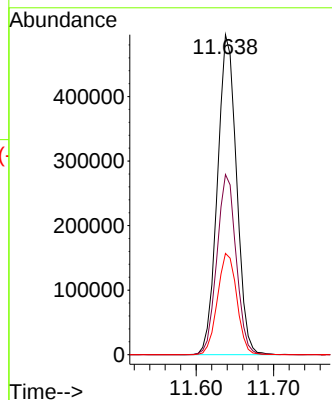
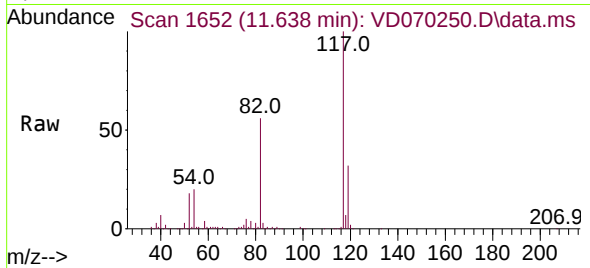




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

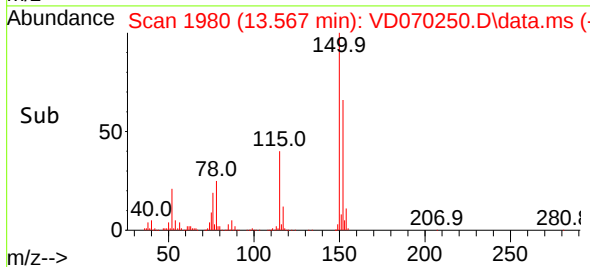
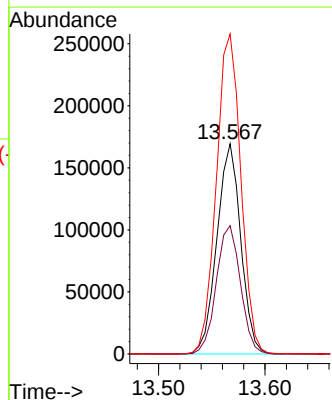
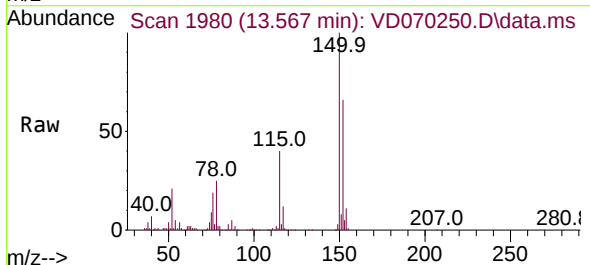
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-4-(177.00)-VOC-GRAB

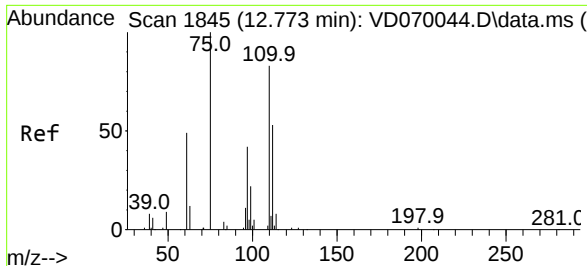
Tgt Ion:117 Resp: 849464
Ion Ratio Lower Upper
117 100
82 56.3 47.5 71.3
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

Tgt Ion:152 Resp: 262937
Ion Ratio Lower Upper
152 100
115 61.9 31.2 93.6
150 156.9 0.0 352.0

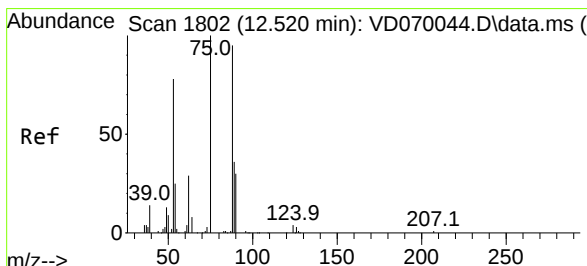
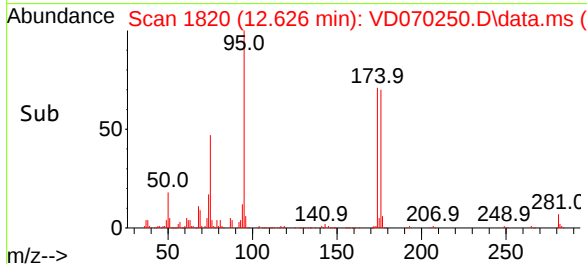
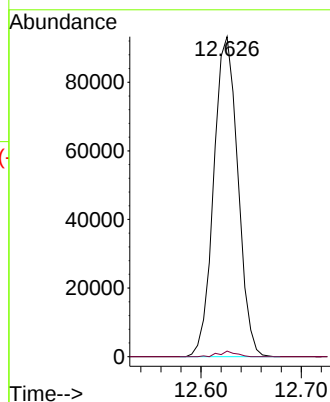
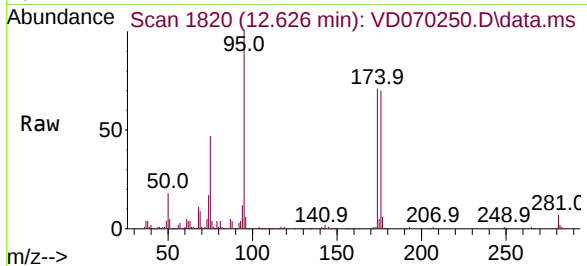




#76
1,2,3-Trichloropropane
Concen: 58.419 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-4-(177.00)-VOC-GRAB

Tgt Ion: 75 Resp: 155777
Ion Ratio Lower Upper
75 100
77 1.2 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 151.634 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

Tgt Ion: 75 Resp: 155777
Ion Ratio Lower Upper
75 100
53 0.1 64.5 96.7#
89 0.1 33.7 50.5#

