

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070082.D
 Acq On : 17 Aug 2021 12:19
 Operator : VA/SY
 Sample : M3368-09RE
 Misc : 4.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-07-0205

Quant Time: Aug 18 03:06:11 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)

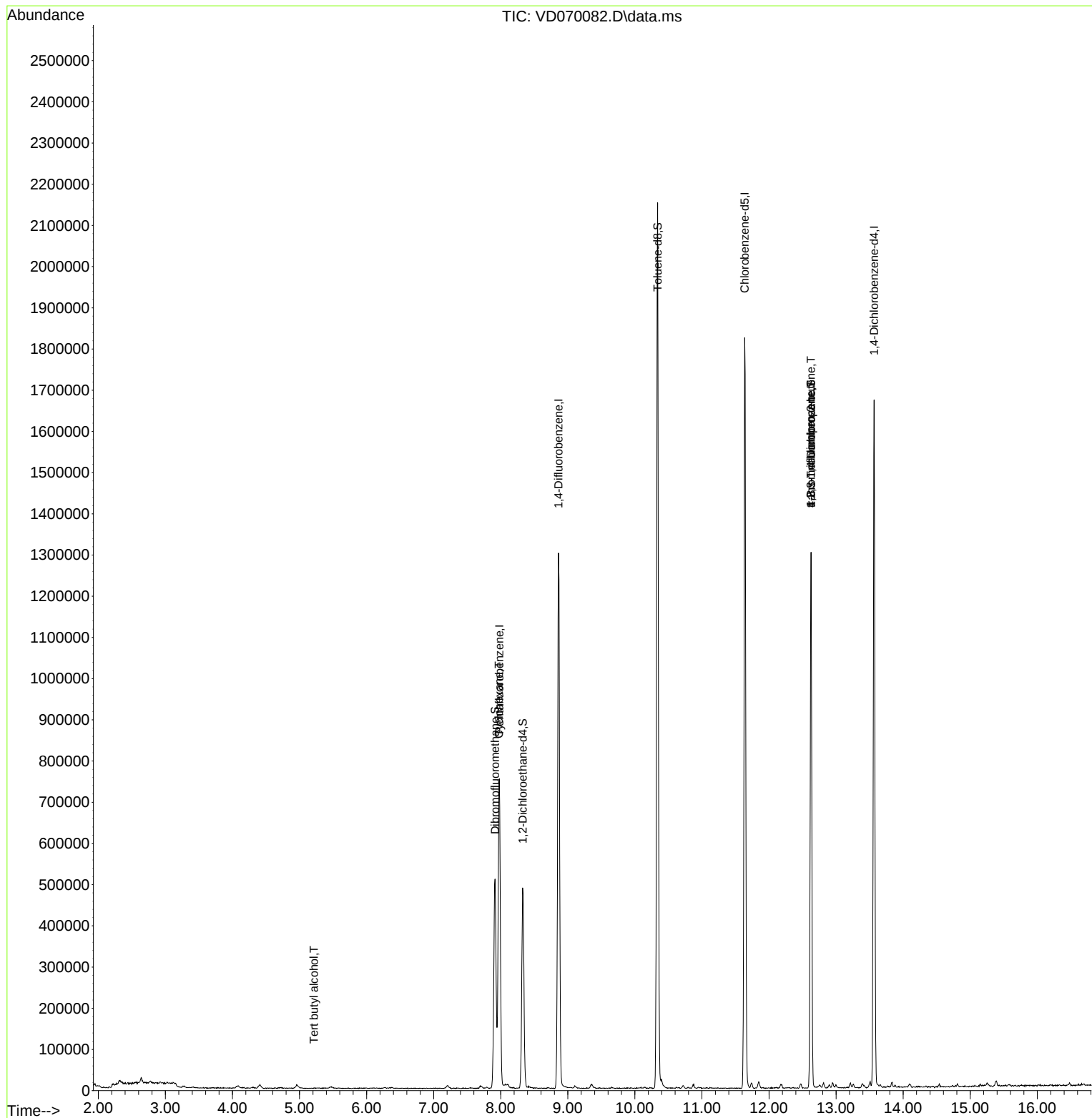
Internal Standards						
1) Pentafluorobenzene	7.979	168	535151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1114417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1068871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	434093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	377817	60.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.060%
35) Dibromofluoromethane	7.914	113	380249	52.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.620%
50) Toluene-d8	10.338	98	1447270	51.682	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.360%
62) 4-Bromofluorobenzene	12.626	95	442851	48.013	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.020%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.997	85	2333	Below Cal		98
3) Chloromethane	2.209	50	4116	Below Cal	#	79
5) Bromomethane	2.779	94	5027	Below Cal		90
11) Tert butyl alcohol	5.215	59	444	1.276	ug/l #	71
20) Methylene Chloride	4.962	84	6027	Below Cal	#	84
31) Cyclohexane	7.973	56	16042	1.288	ug/l #	19
76) 1,2,3-Trichloropropane	12.626	75	218805	49.702	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	218805	129.009	ug/l #	18

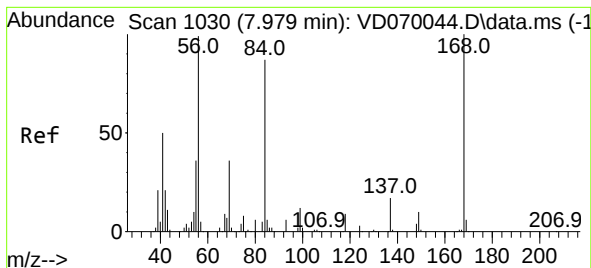
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

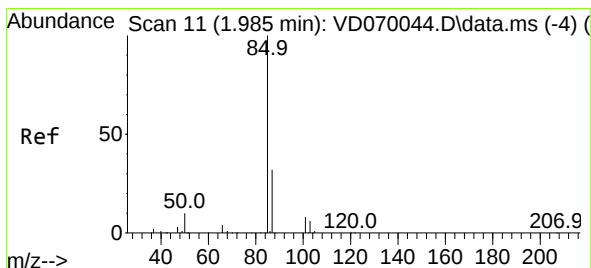
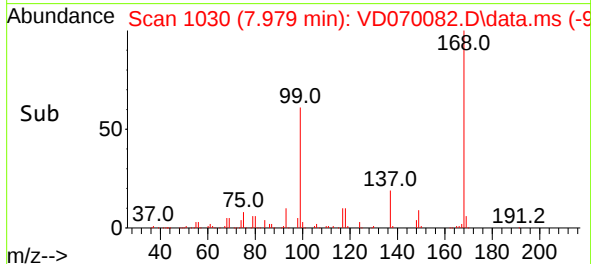
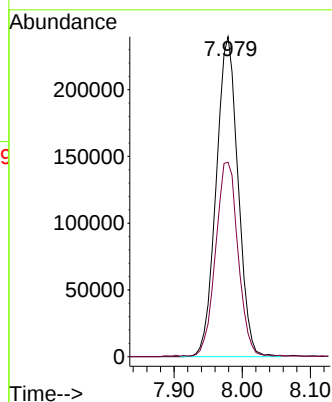
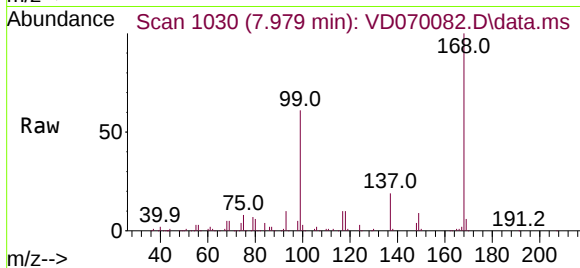




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

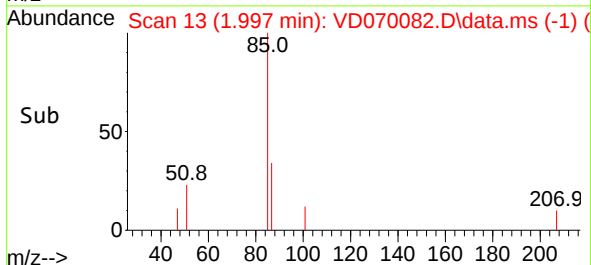
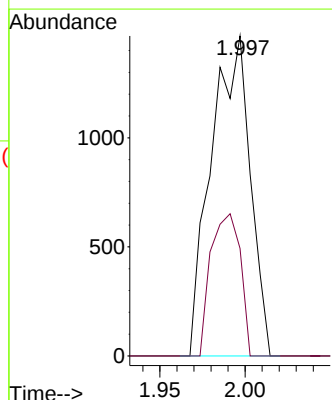
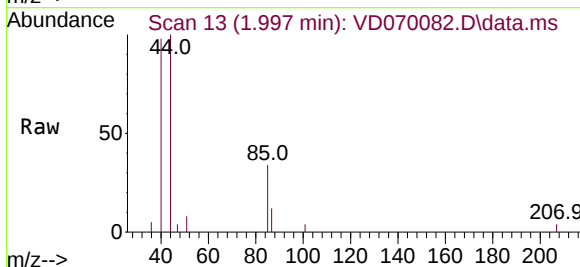
Instrument :
MSVOA_D
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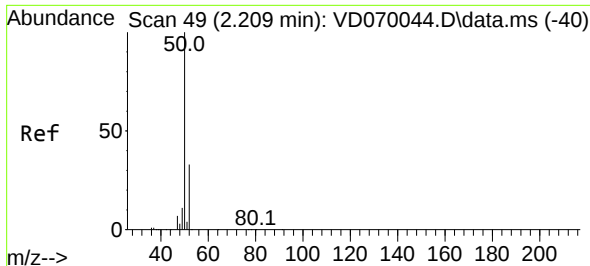
Tgt Ion:168 Resp: 535151
Ion Ratio Lower Upper
168 100
99 60.6 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

Tgt Ion: 85 Resp: 2333
Ion Ratio Lower Upper
85 100
87 33.6 16.2 48.6

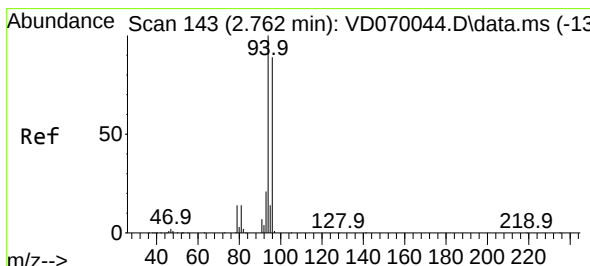
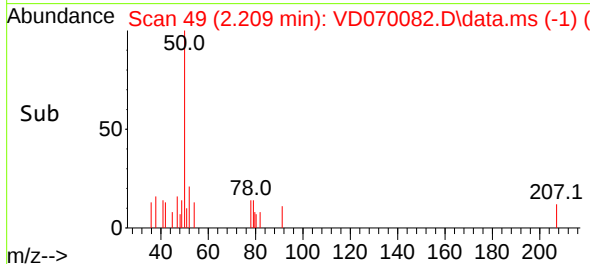
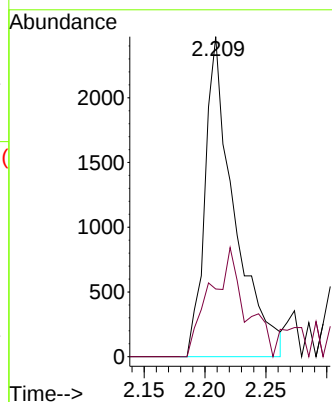
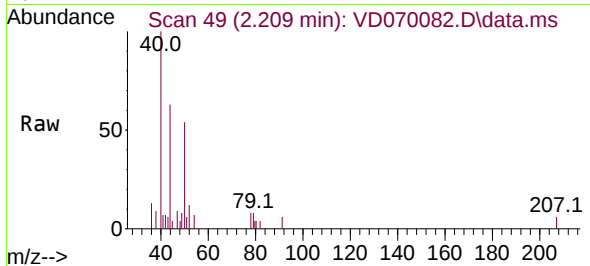




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

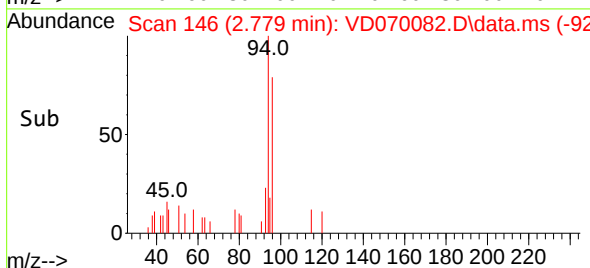
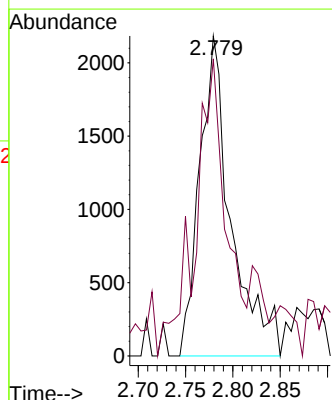
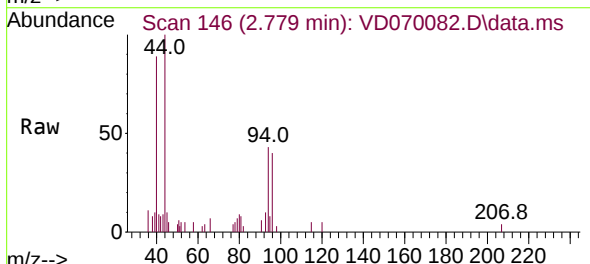
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ClientSampleId :
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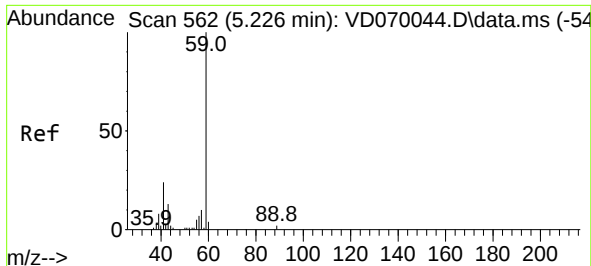
Tgt Ion: 50 Resp: 4116
Ion Ratio Lower Upper
50 100
52 21.2 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

Tgt Ion: 94 Resp: 5027
Ion Ratio Lower Upper
94 100
96 79.6 70.9 106.3

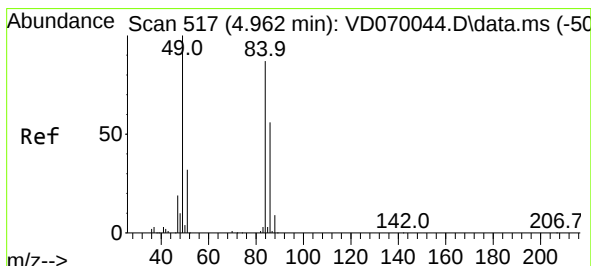
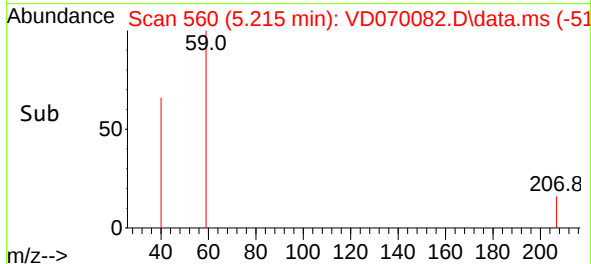
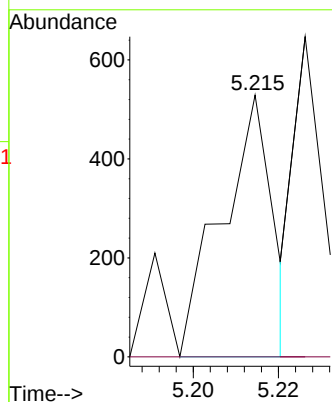
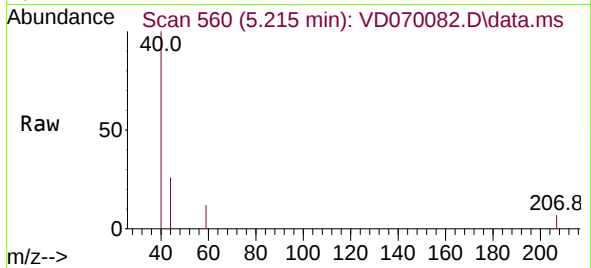




#11
Tert butyl alcohol
Concen: 1.276 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

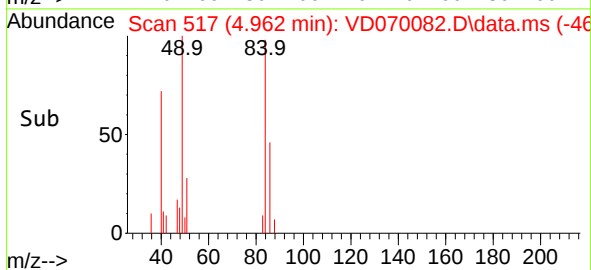
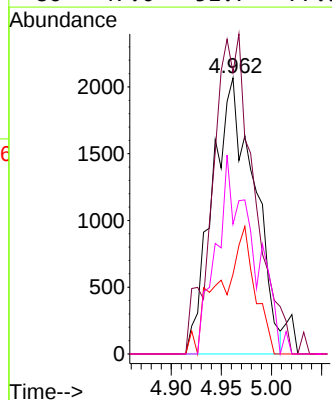
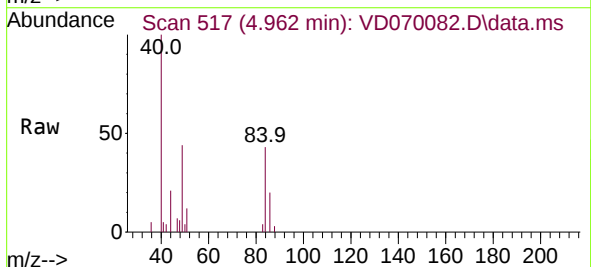
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0205

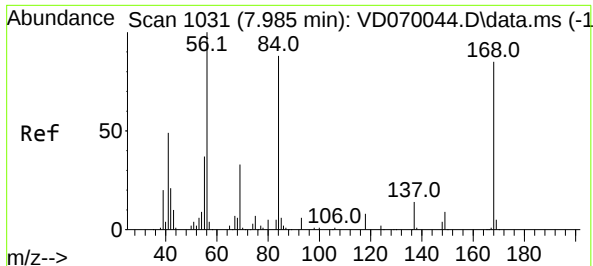
Tgt Ion: 59 Resp: 444
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

Tgt Ion: 84 Resp: 6027
Ion Ratio Lower Upper
84 100
49 101.9 92.5 138.7
51 28.9 29.7 44.5#
86 47.0 51.7 77.5#

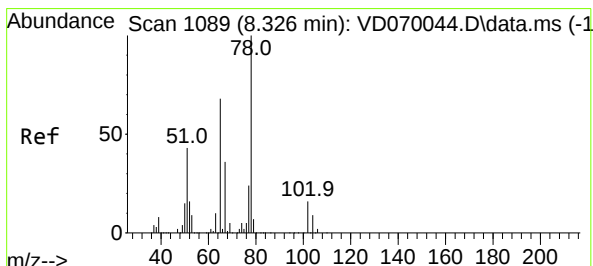
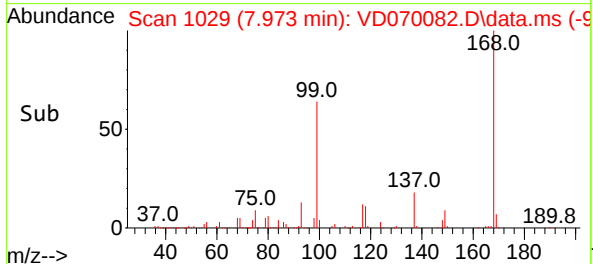
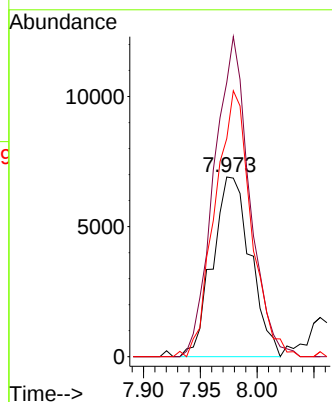
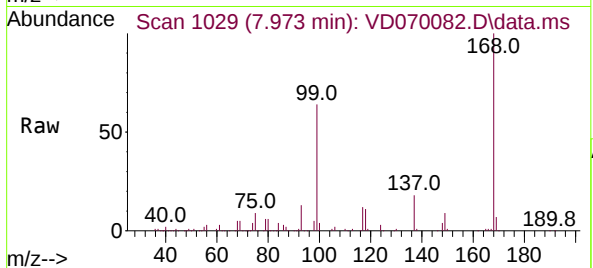




#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

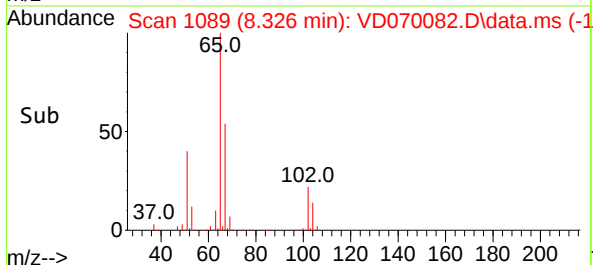
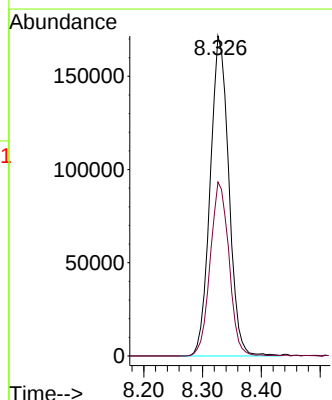
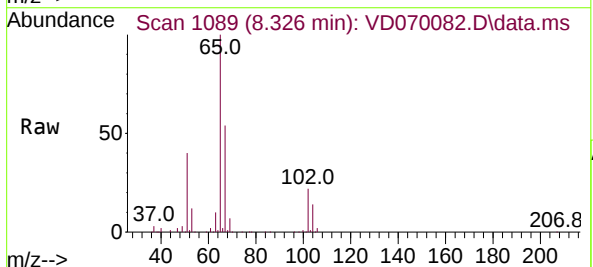
Instrument :
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ClientSampleId :
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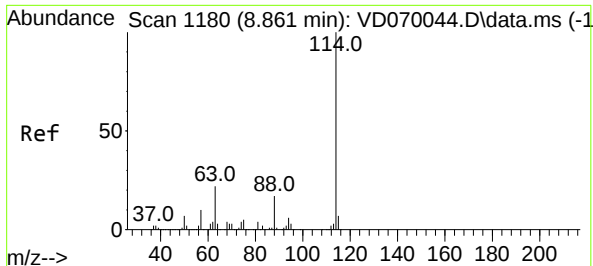
Tgt Ion: 56 Resp: 16042
Ion Ratio Lower Upper
56 100
69 152.6 26.7 40.1#
84 118.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 60.026 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

Tgt Ion: 65 Resp: 377817
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.8

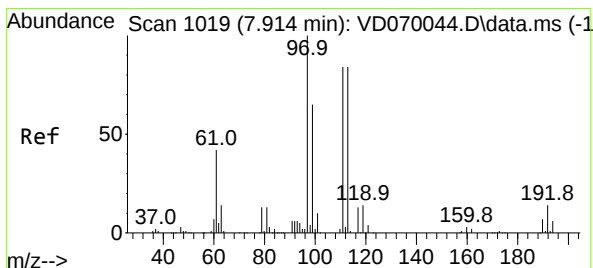
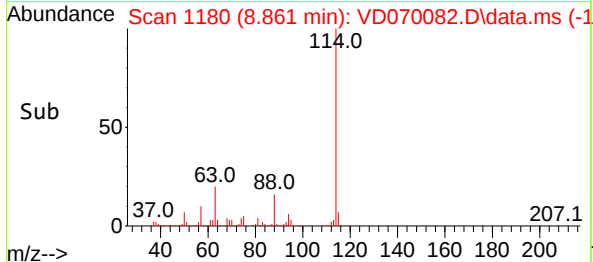
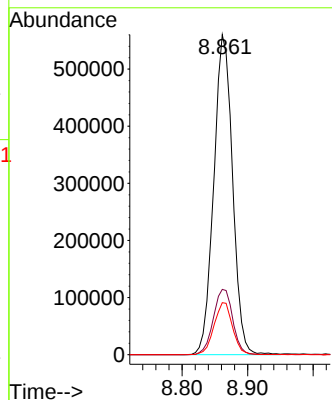
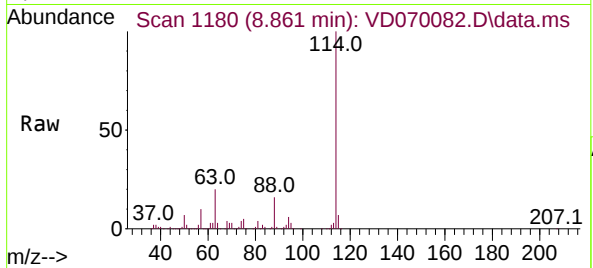




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

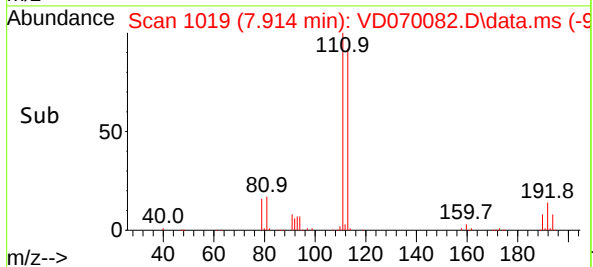
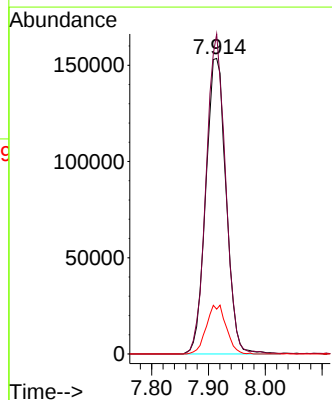
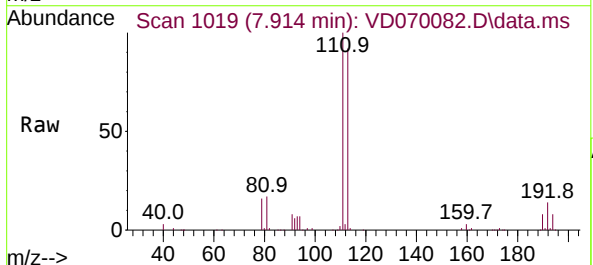
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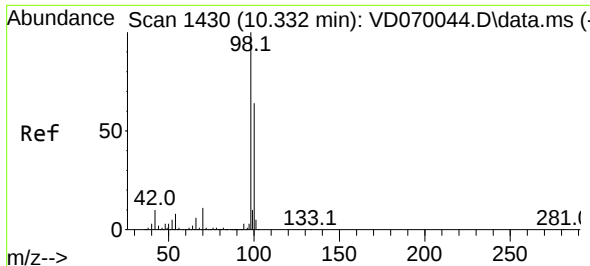
Tgt Ion:114 Resp: 1114417
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.6
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 52.813 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

Tgt Ion:113 Resp: 380249
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 16.3 13.2 19.8

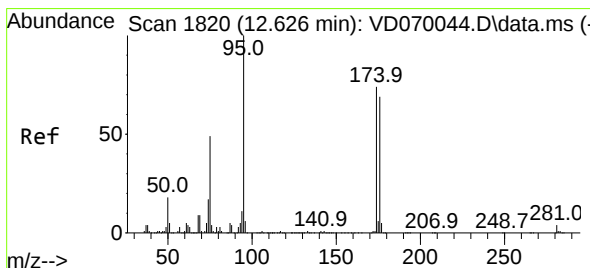
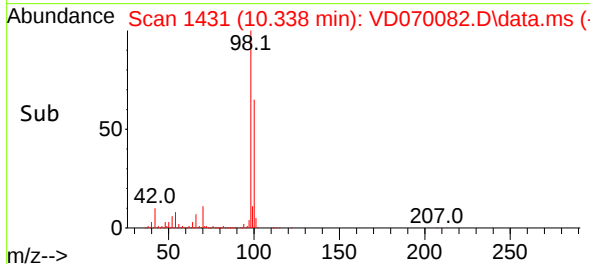
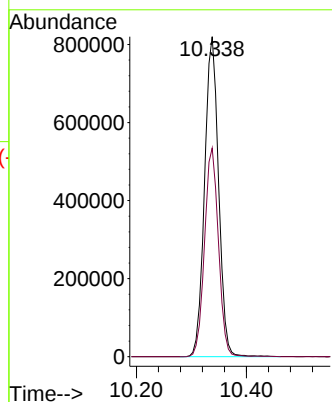
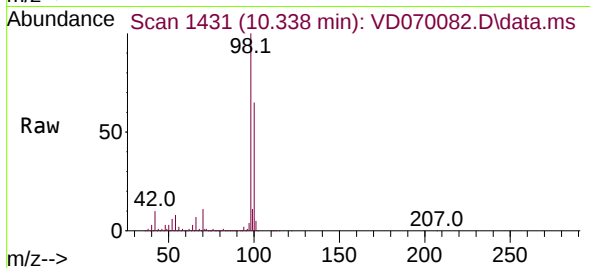




#50
Toluene-d8
Concen: 51.682 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

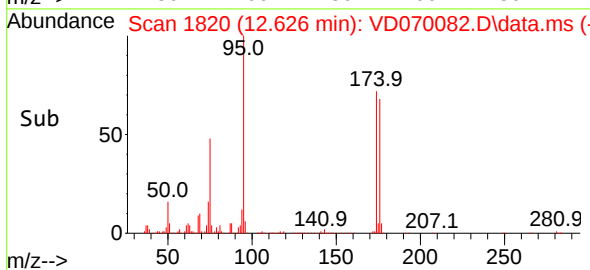
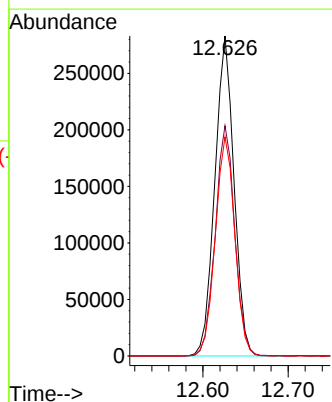
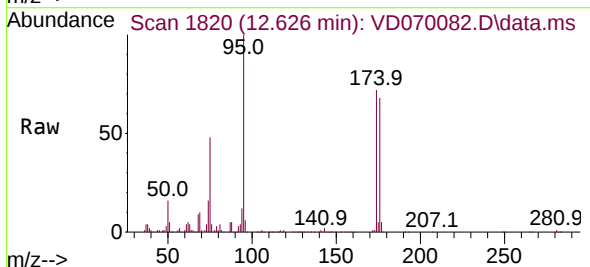
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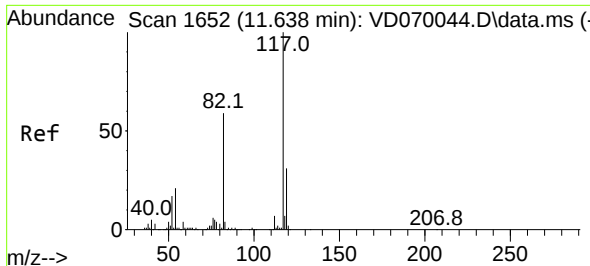
Tgt Ion: 98 Resp: 1447270
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.013 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

Tgt Ion: 95 Resp: 442851
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.6
176 69.6 0.0 138.2

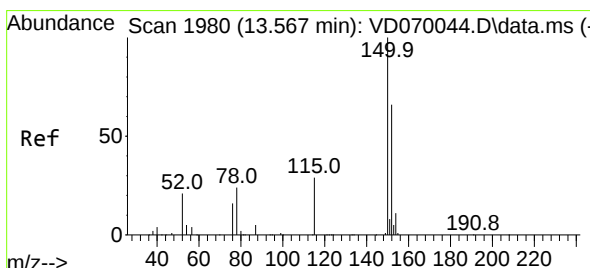
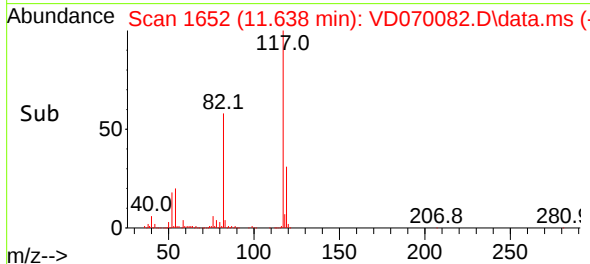
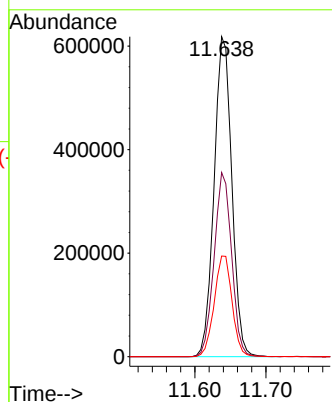
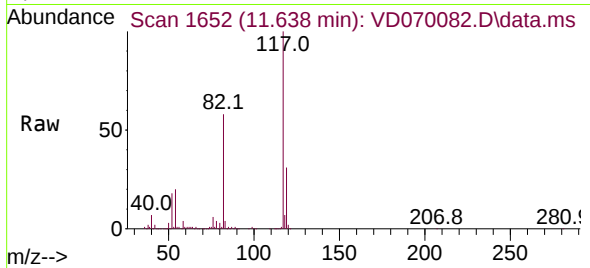




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

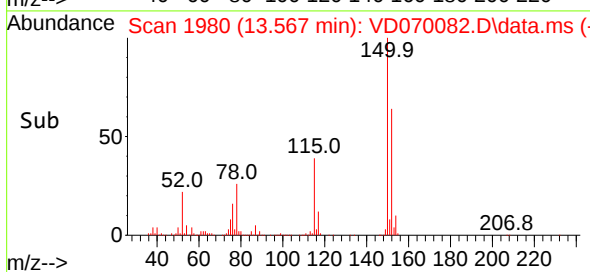
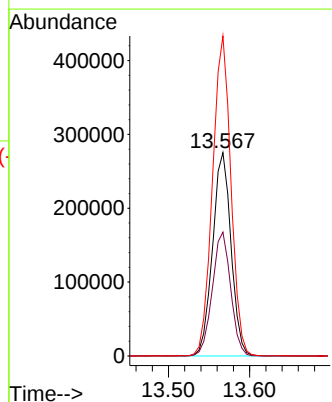
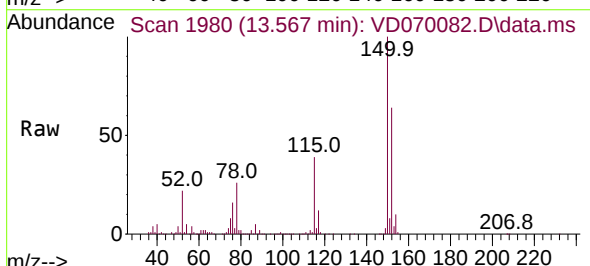
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0205

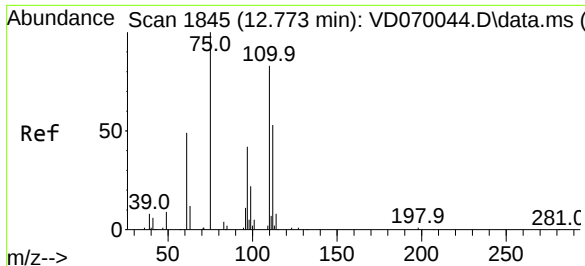
Tgt Ion:117 Resp: 1068871
Ion Ratio Lower Upper
117 100
82 57.6 47.5 71.3
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

Tgt Ion:152 Resp: 434093
Ion Ratio Lower Upper
152 100
115 60.5 31.2 93.6
150 156.8 0.0 352.0

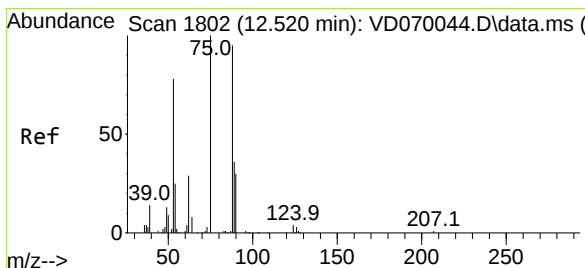
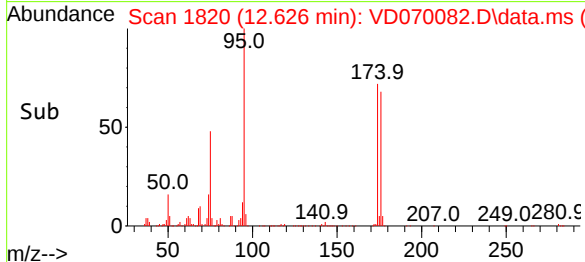
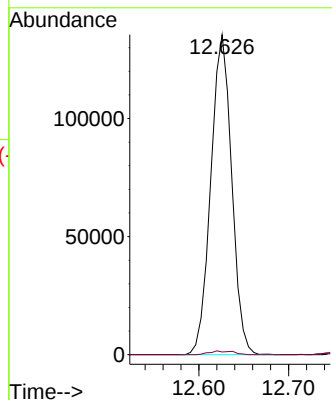
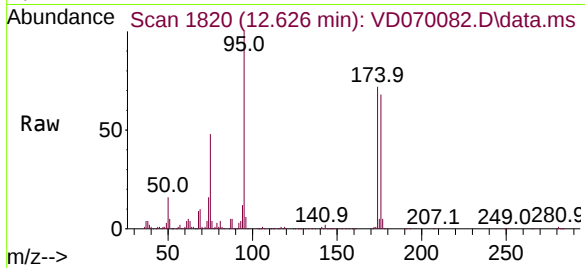




#76
1,2,3-Trichloropropane
Concen: 49.702 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0205

Tgt Ion: 75 Resp: 218805
Ion Ratio Lower Upper
75 100
77 1.3 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.009 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070082.D
Acq: 17 Aug 2021 12:19

Tgt Ion: 75 Resp: 218805
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.0 33.7 50.5#

