

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070125.D
 Acq On : 18 Aug 2021 13:56
 Operator : VA/SY
 Sample : M3441-04RE
 Misc : 7.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-5

Quant Time: Aug 19 07:30:24 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)

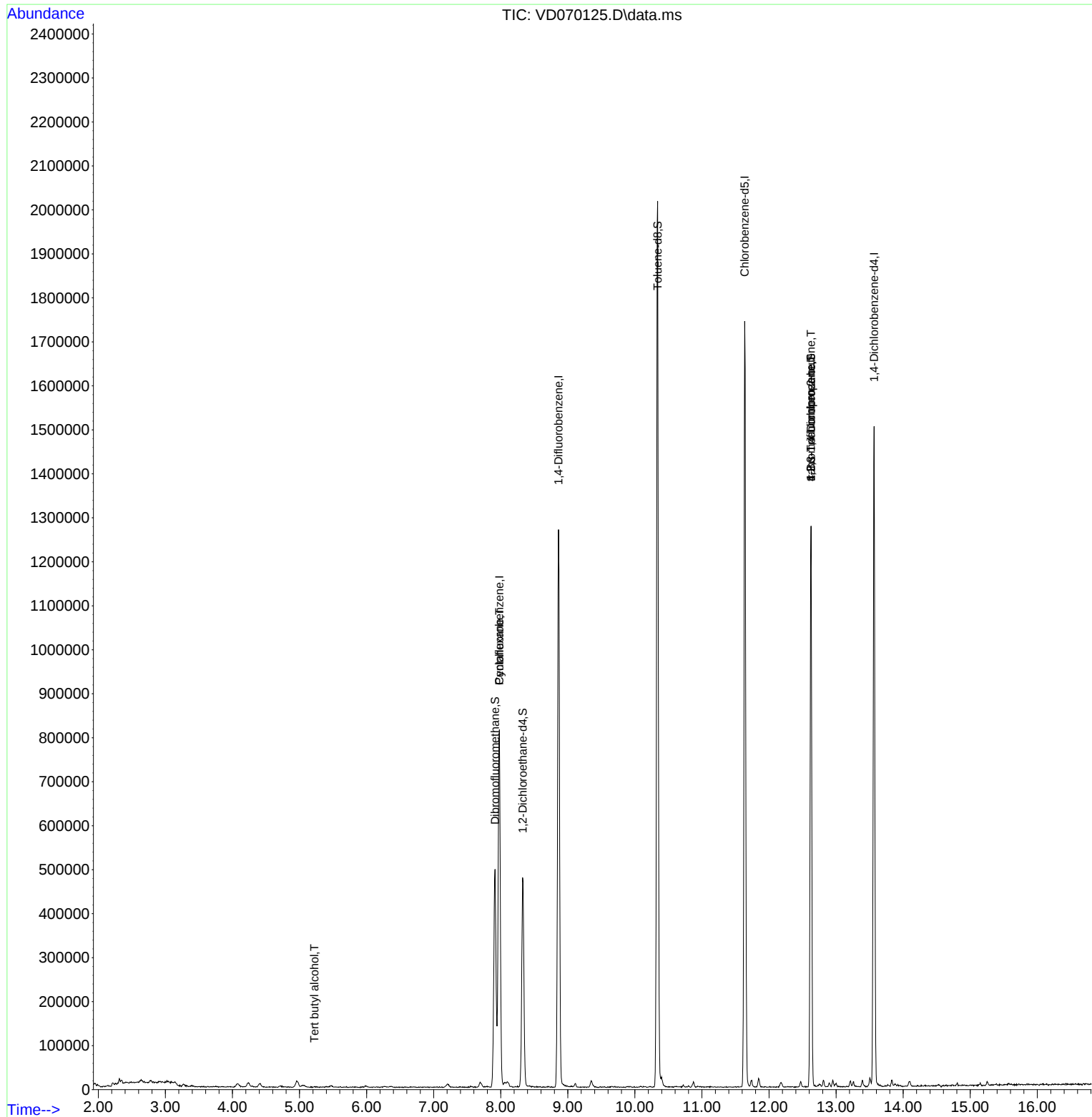
Internal Standards						
1) Pentafluorobenzene	7.979	168	572369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1093846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1024539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	397622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	364410	54.131	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.260%	
35) Dibromofluoromethane	7.914	113	362327	51.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.540%	
50) Toluene-d8	10.338	98	1389846	50.565	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.120%	
62) 4-Bromofluorobenzene	12.626	95	423054	46.729	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	2835	Below Cal		94
3) Chloromethane	2.215	50	3990	Below Cal		99
5) Bromomethane	2.779	94	4330	Below Cal		90
11) Tert butyl alcohol	5.220	59	532	1.430 ug/l #		71
20) Methylene Chloride	4.962	84	11799	Below Cal #		73
31) Cyclohexane	7.979	56	16788	1.260 ug/l #		1
76) 1,2,3-Trichloropropane	12.626	75	206636	51.244 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	206636	133.009 ug/l #		18

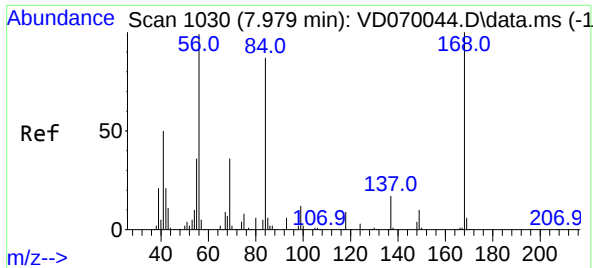
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

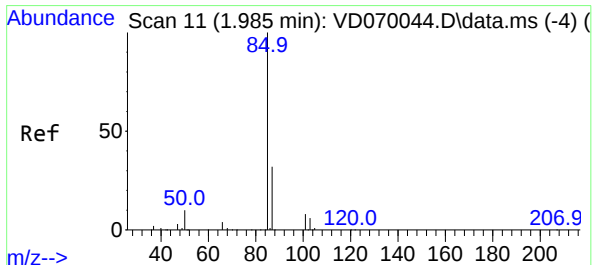
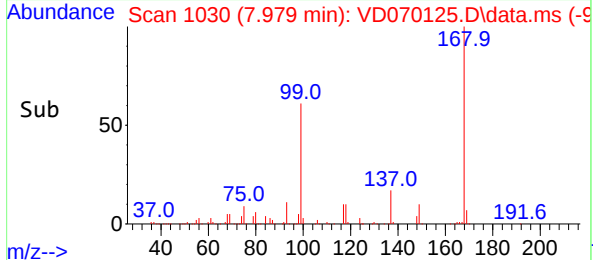
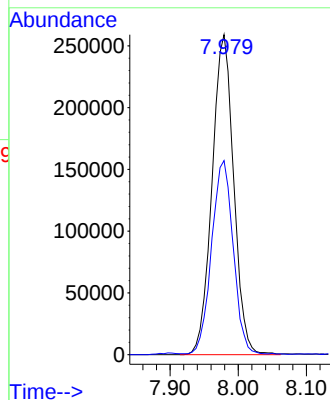
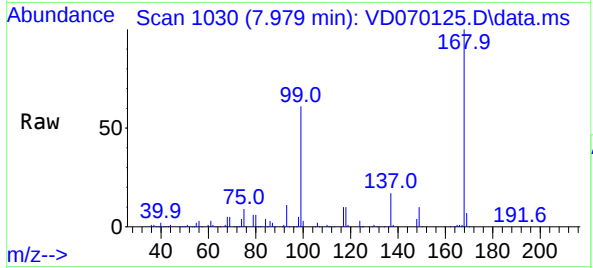




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070125.D
Acq: 18 Aug 2021 13:56

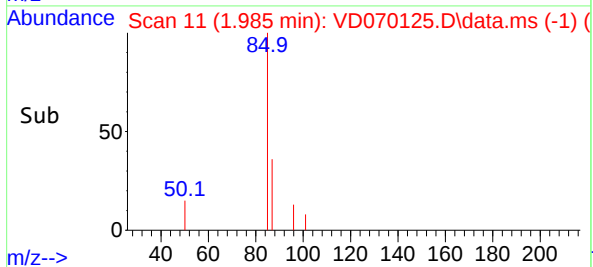
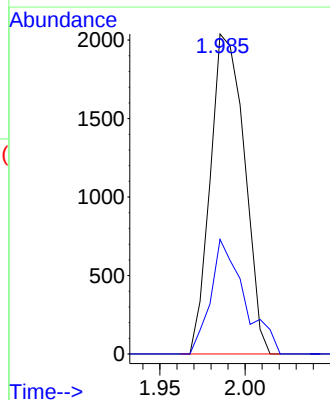
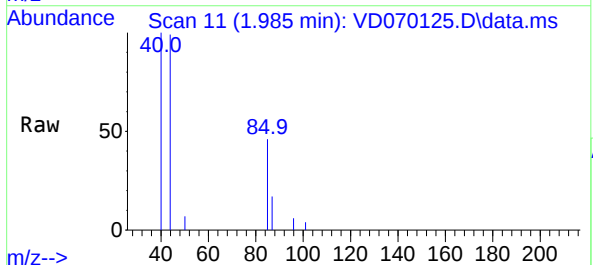
Instrument :
MSVOA_D
ClientSampleId :
WC-5

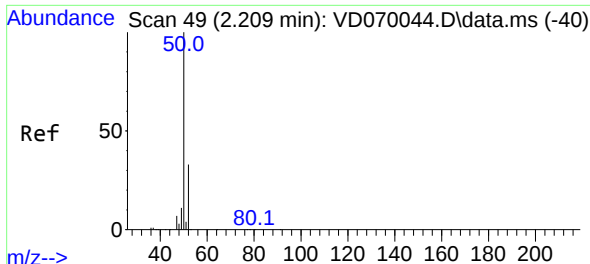
Tgt Ion:168 Resp: 572369
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070125.D
Acq: 18 Aug 2021 13:56

Tgt Ion: 85 Resp: 2835
Ion Ratio Lower Upper
85 100
87 35.8 16.2 48.6

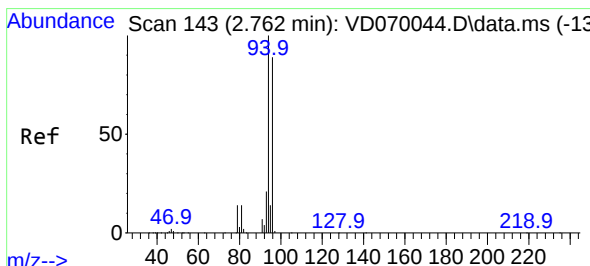
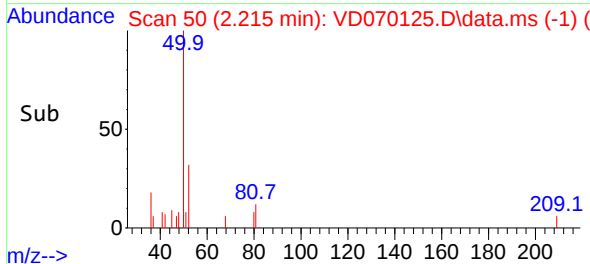
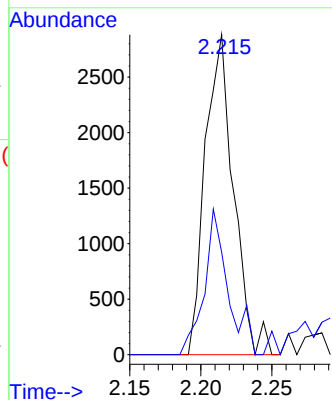
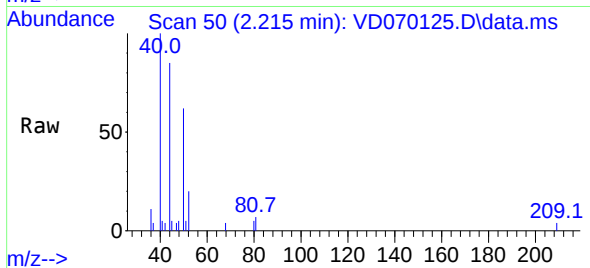




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070125.D
Acq: 18 Aug 2021 13:56

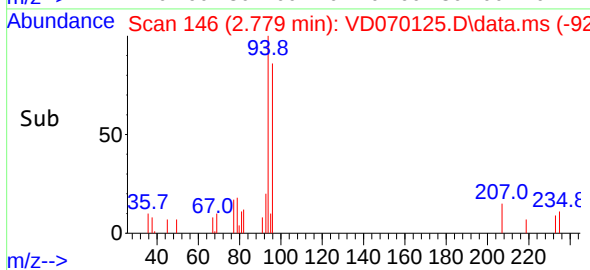
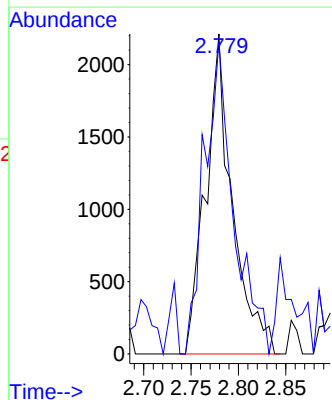
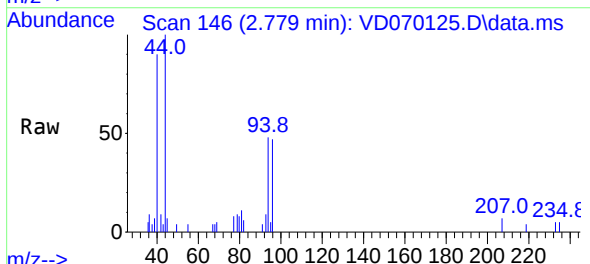
Instrument :
MSVOA_D
ClientSampleId :
WC-5

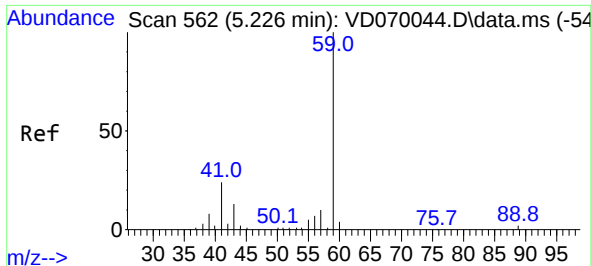
Tgt Ion: 50 Resp: 3990
Ion Ratio Lower Upper
50 100
52 32.1 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070125.D
Acq: 18 Aug 2021 13:56

Tgt Ion: 94 Resp: 4330
Ion Ratio Lower Upper
94 100
96 97.6 70.9 106.3



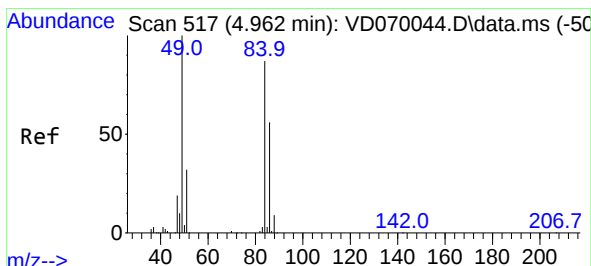
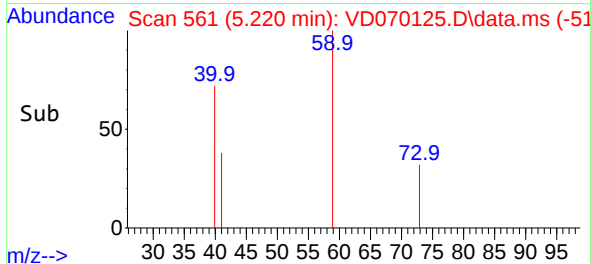
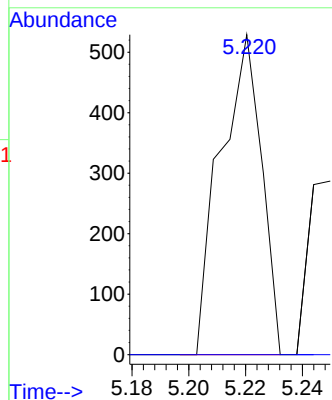
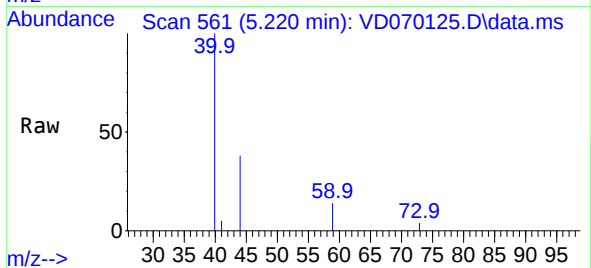


#11

Tert butyl alcohol
Concen: 1.430 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD070125.D
Acq: 18 Aug 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :
WC-5

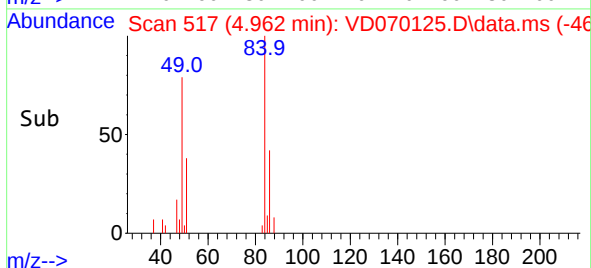
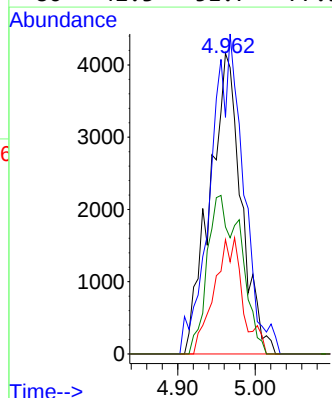
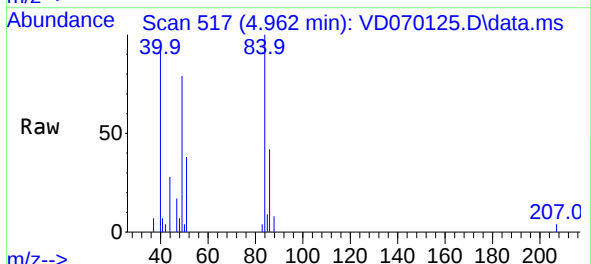
Tgt Ion: 59 Resp: 532
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

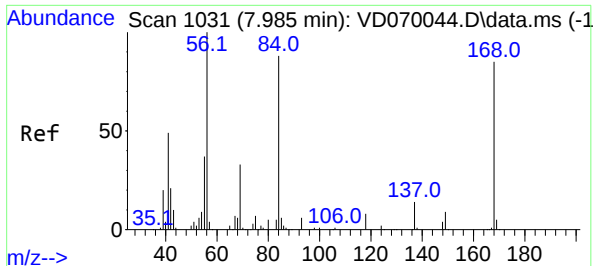


#20

Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070125.D
Acq: 18 Aug 2021 13:56

Tgt Ion: 84 Resp: 11799
Ion Ratio Lower Upper
84 100
49 78.7 92.5 138.7#
51 38.0 29.7 44.5
86 42.3 51.7 77.5#





#31

Cyclohexane

Concen: 1.260 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD070125.D

Acq: 18 Aug 2021 13:56

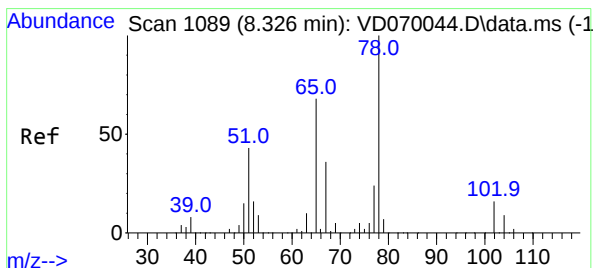
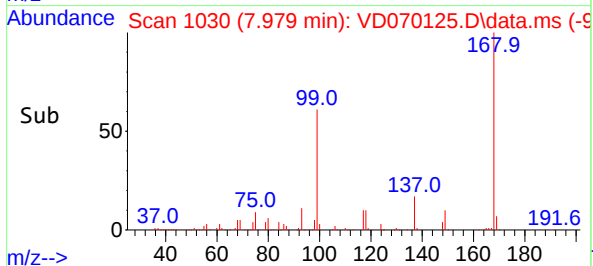
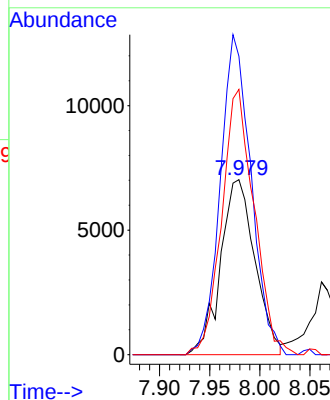
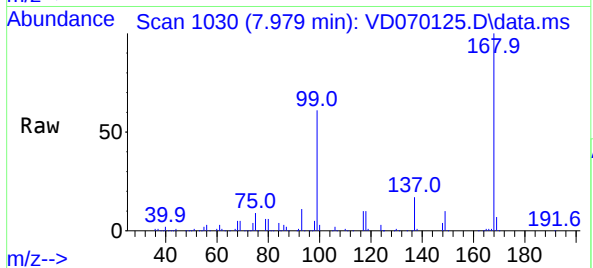
Tgt Ion: 56 Resp: 16788

Ion Ratio Lower Upper

56 100

69 170.5 26.7 40.1#

84 151.6 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 54.131 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070125.D

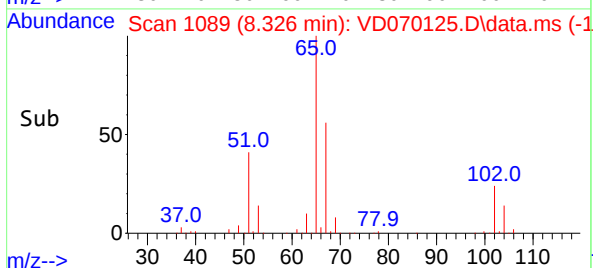
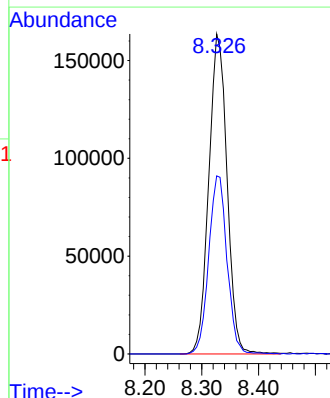
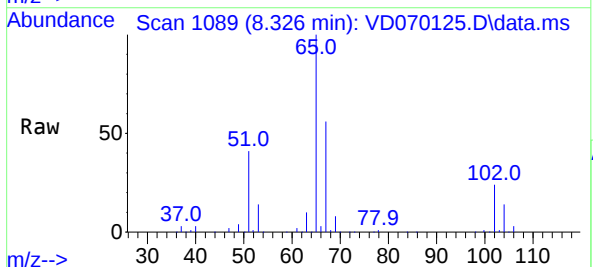
Acq: 18 Aug 2021 13:56

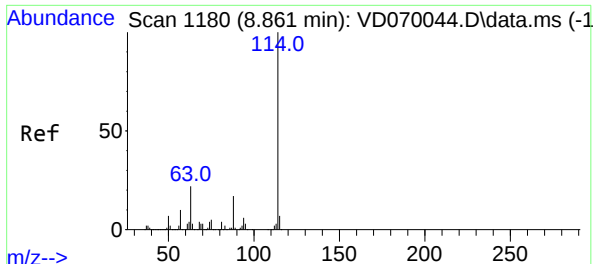
Tgt Ion: 65 Resp: 364410

Ion Ratio Lower Upper

65 100

67 55.9 0.0 107.8

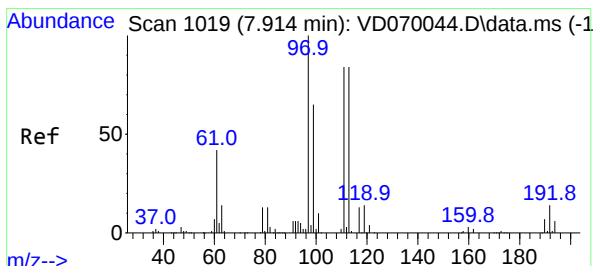
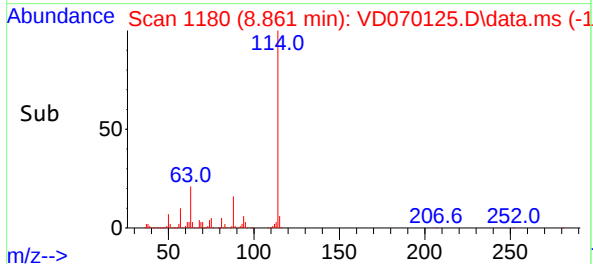
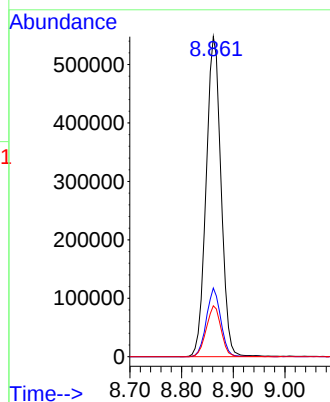
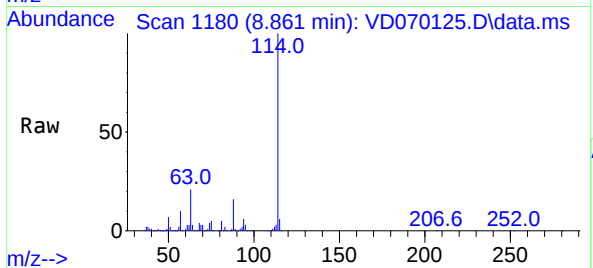




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070125.D
Acq: 18 Aug 2021 13:56

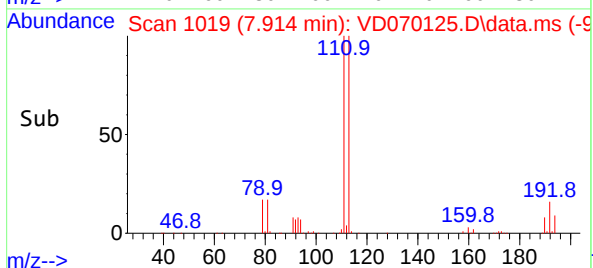
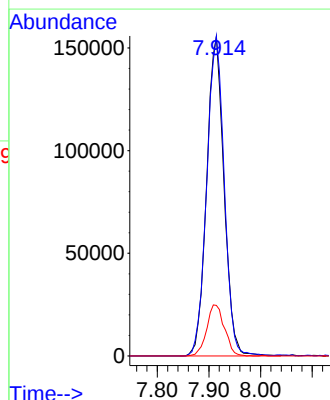
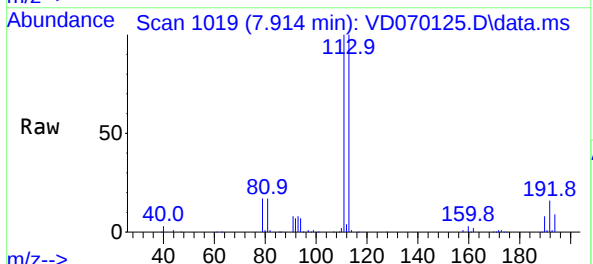
Instrument :
MSVOA_D
ClientSampleId :
WC-5

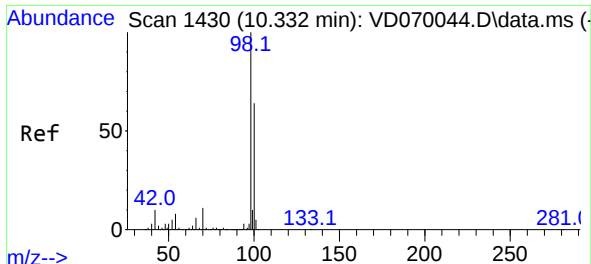
Tgt Ion:114 Resp: 1093846
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.6
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 51.271 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070125.D
Acq: 18 Aug 2021 13:56

Tgt Ion:113 Resp: 362327
Ion Ratio Lower Upper
113 100
111 101.1 81.8 122.6
192 16.4 13.2 19.8

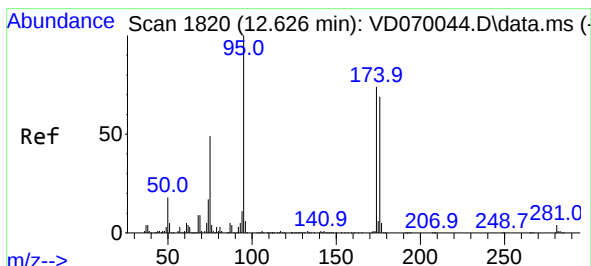
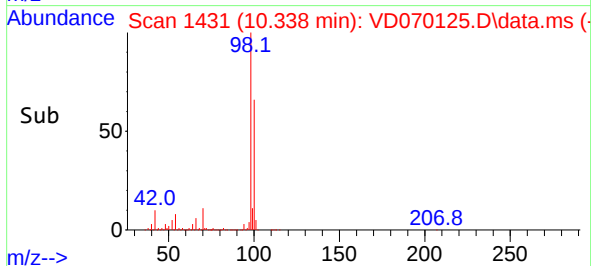
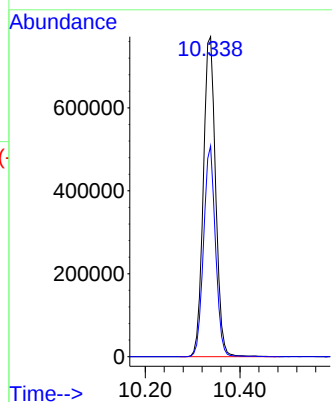
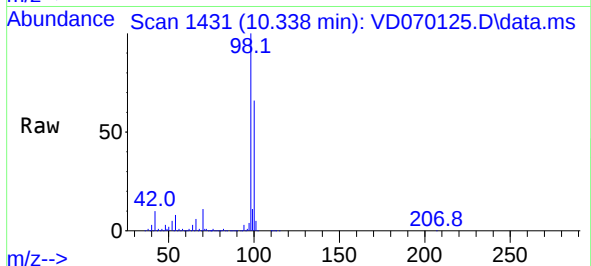




#50
Toluene-d8
Concen: 50.565 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070125.D
Acq: 18 Aug 2021 13:56

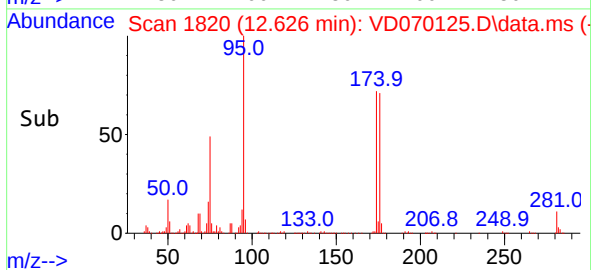
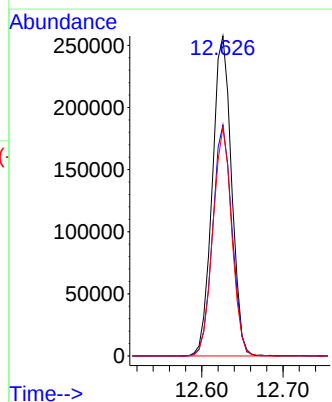
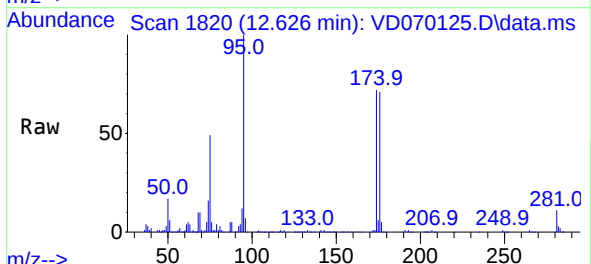
Instrument :
MSVOA_D
ClientSampleId :
WC-5

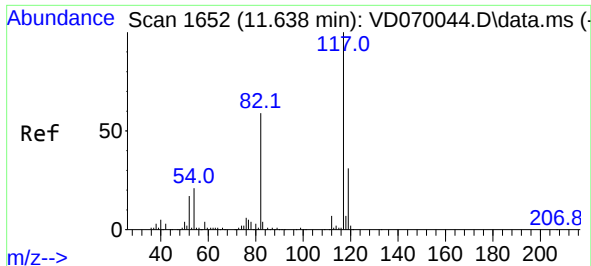
Tgt Ion: 98 Resp: 1389846
Ion Ratio Lower Upper
98 100
100 63.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.729 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070125.D
Acq: 18 Aug 2021 13:56

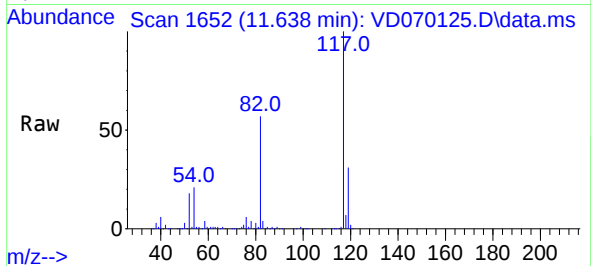
Tgt Ion: 95 Resp: 423054
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 70.2 0.0 138.2



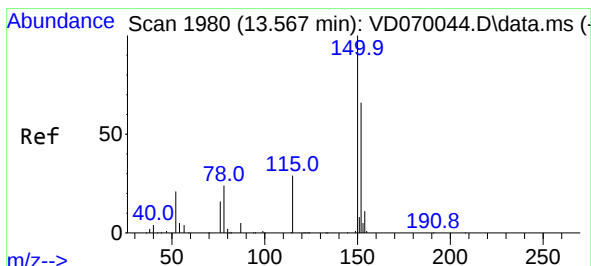
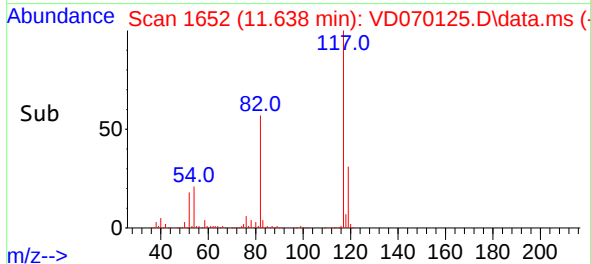
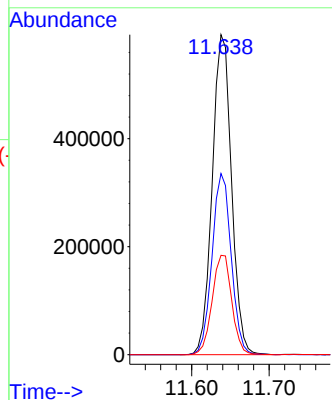


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070125.D
Acq: 18 Aug 2021 13:56

Instrument :
MSVOA_D
ClientSampled :
WC-5

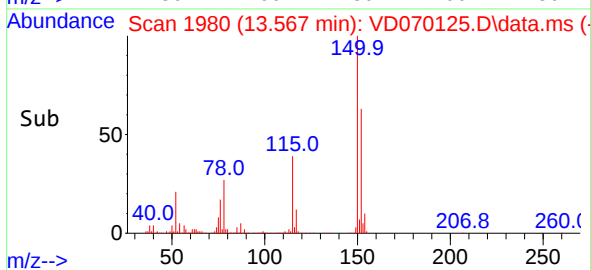
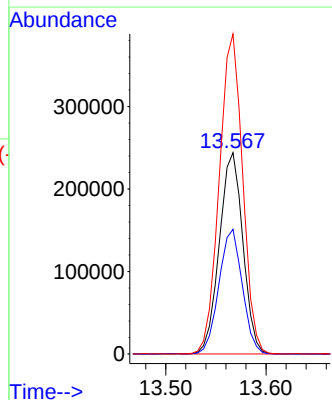
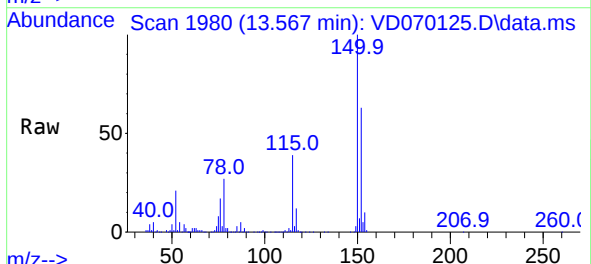


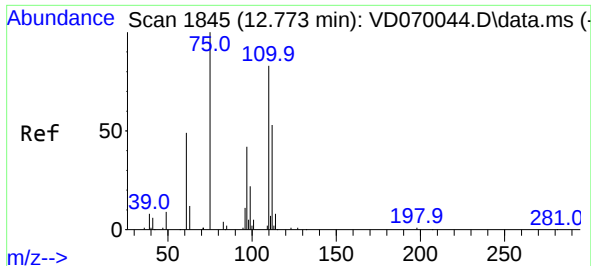
Tgt Ion:117 Resp: 1024539
Ion Ratio Lower Upper
117 100
82 56.6 47.5 71.3
119 31.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070125.D
Acq: 18 Aug 2021 13:56

Tgt Ion:152 Resp: 397622
Ion Ratio Lower Upper
152 100
115 61.5 31.2 93.6
150 157.8 0.0 352.0

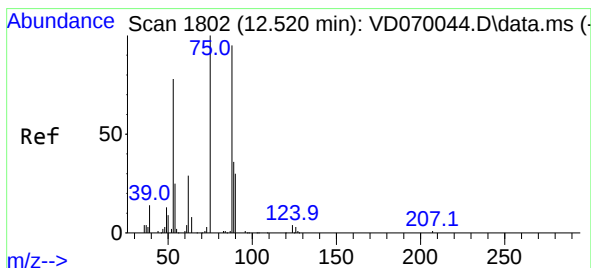
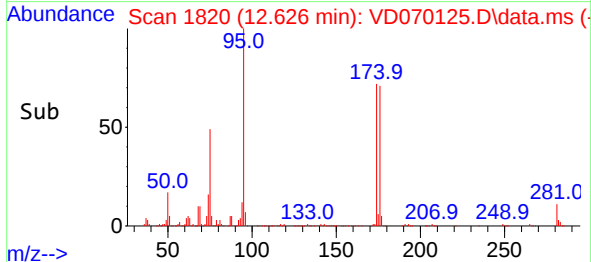
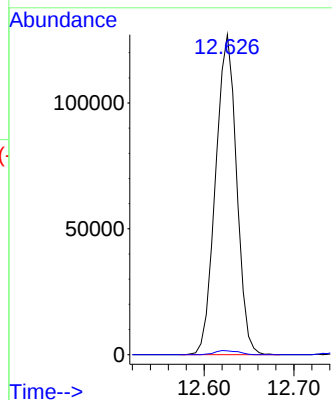
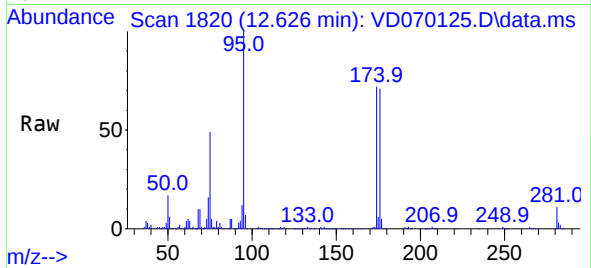




#76
1,2,3-Trichloropropane
Concen: 51.244 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070125.D
Acq: 18 Aug 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :
WC-5

Tgt Ion: 75 Resp: 206636
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.009 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070125.D
Acq: 18 Aug 2021 13:56

Tgt Ion: 75 Resp: 206636
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.0 33.7 50.5#

