

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070145.D
 Acq On : 19 Aug 2021 01:25
 Operator : VA/SY
 Sample : M3435-27
 Misc : 5.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-28-0306

Quant Time: Aug 19 07:37:20 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)

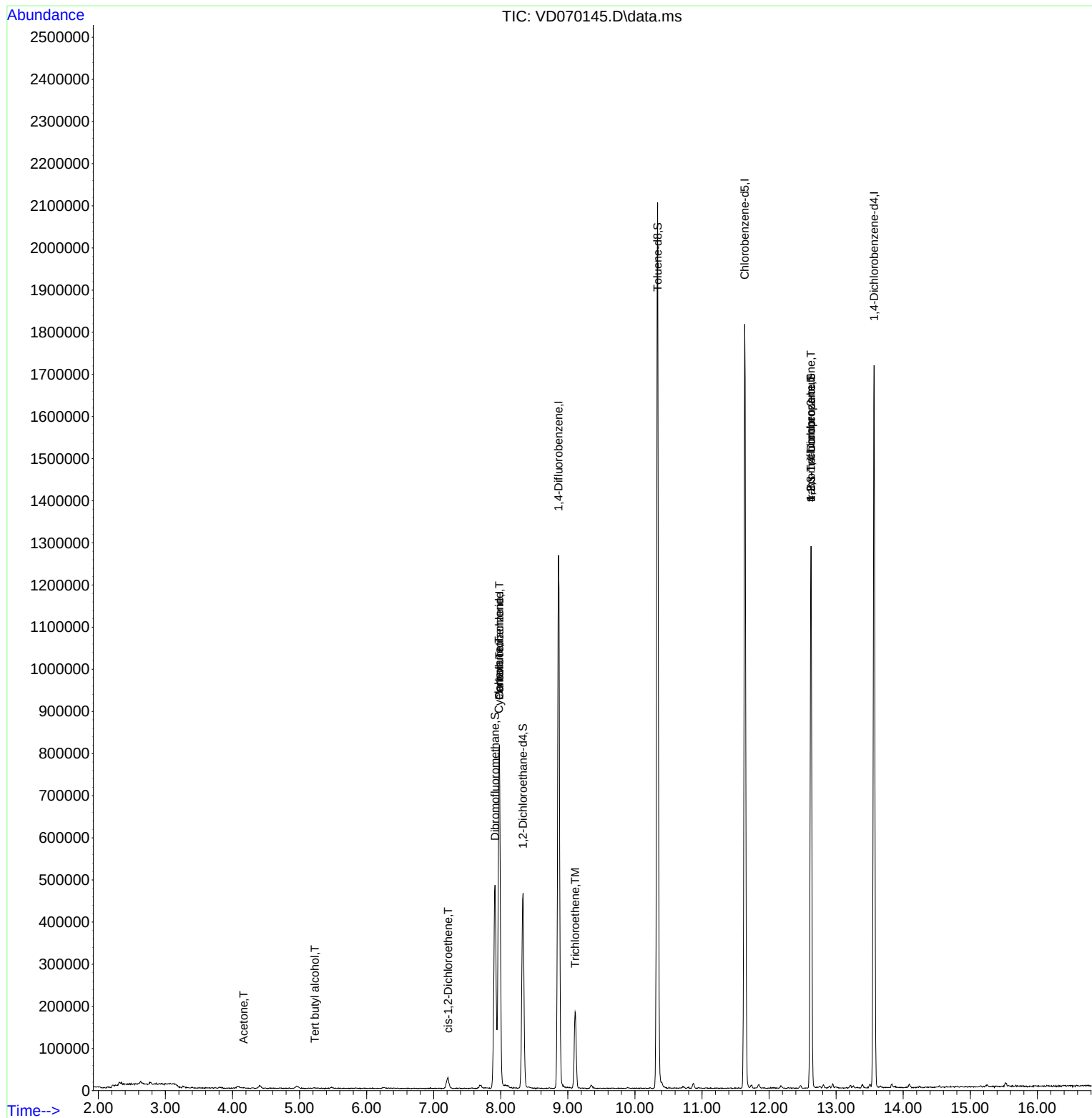
Internal Standards						
1) Pentafluorobenzene	7.979	168	563418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1093768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1056692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	452687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	356582	53.810	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.620%			
35) Dibromofluoromethane	7.914	113	361126	51.104	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.200%			
50) Toluene-d8	10.337	98	1401883	51.006	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.020%			
62) 4-Bromofluorobenzene	12.625	95	445115	49.169	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.997	85	2260	Below Cal		88
3) Chloromethane	2.214	50	2590	Below Cal	#	84
5) Bromomethane	2.779	94	3743	Below Cal		84
11) Tert butyl alcohol	5.226	59	1182	3.227 ug/l	#	71
16) Acetone	4.167	43	2544	2.084 ug/l	#	84
20) Methylene Chloride	4.955	84	4224	Below Cal	#	80
27) cis-1,2-Dichloroethene	7.214	96	15427	1.868 ug/l		82
31) Cyclohexane	7.973	56	16451	1.254 ug/l	#	14
38) Carbon Tetrachloride	7.979	117	60381	5.652 ug/l	#	15
44) Trichloroethene	9.108	130	68403	8.297 ug/l		99
76) 1,2,3-Trichloropropane	12.625	75	223323	48.645 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.625	75	223323	126.265 ug/l	#	18

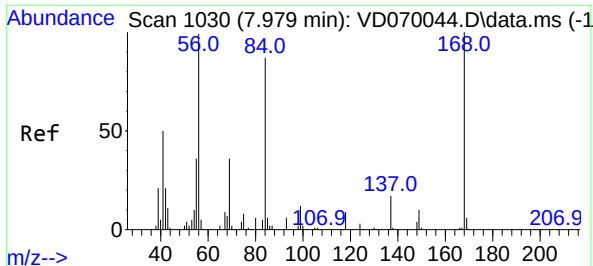
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
Data File : VD070145.D
Acq On : 19 Aug 2021 01:25
Operator : VA/SY
Sample : M3435-27
Misc : 5.82G/5.00ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SWCS-28-0306

Quant Time: Aug 19 07:37:20 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

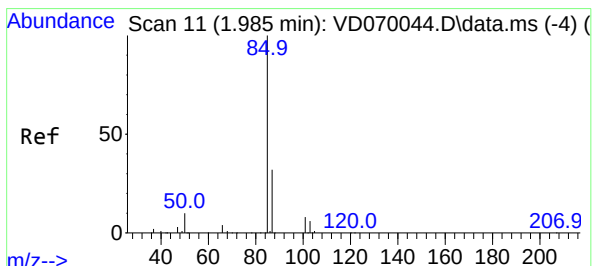
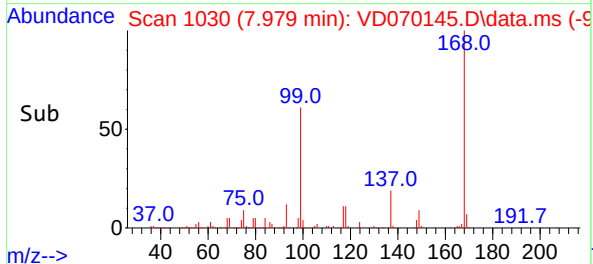
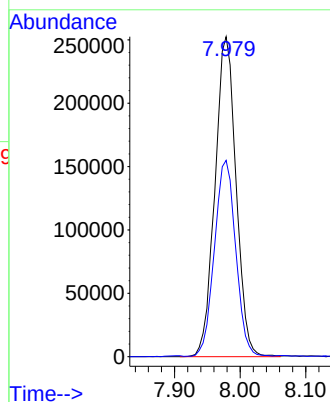
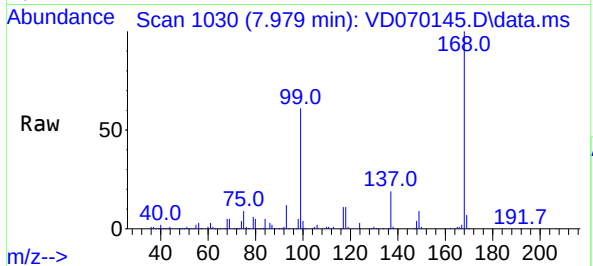




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

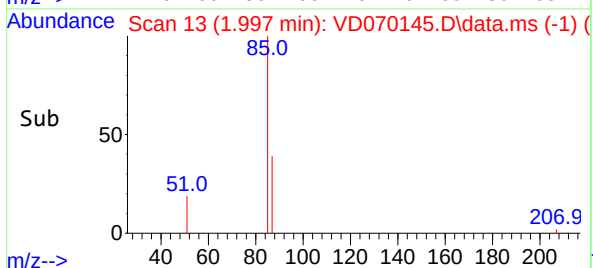
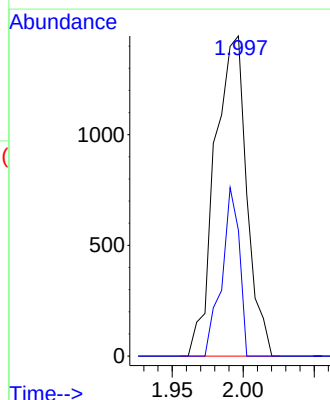
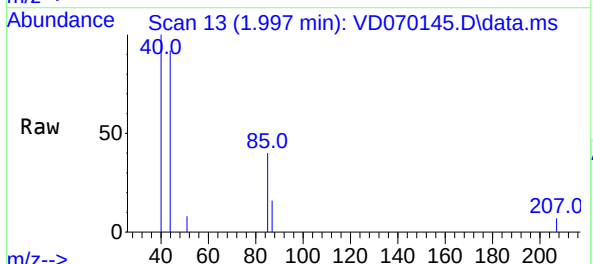
Instrument :
MSVOA_D
ClientSampleId :
SWCS-28-0306

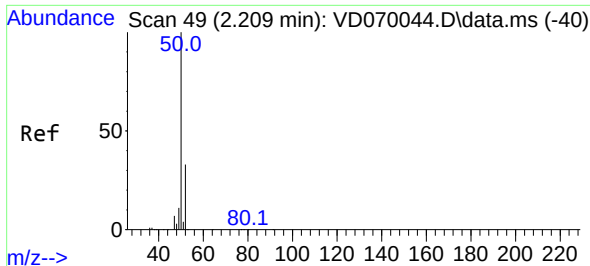
Tgt Ion:168 Resp: 563418
Ion Ratio Lower Upper
168 100
99 61.0 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

Tgt Ion: 85 Resp: 2260
Ion Ratio Lower Upper
85 100
87 39.3 16.2 48.6

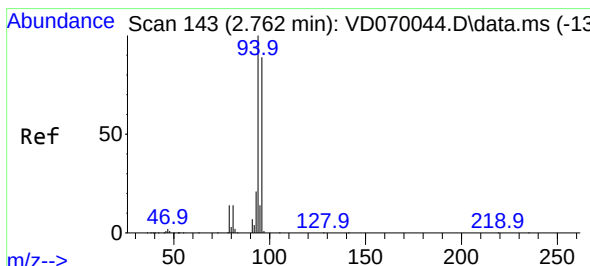
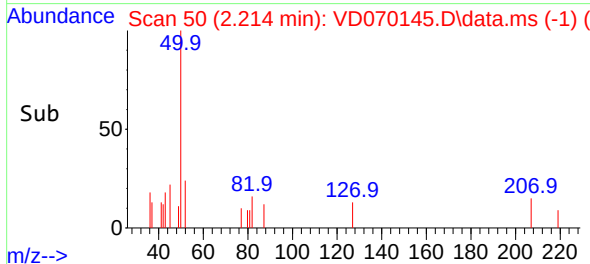
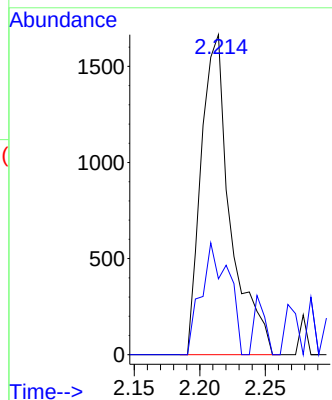
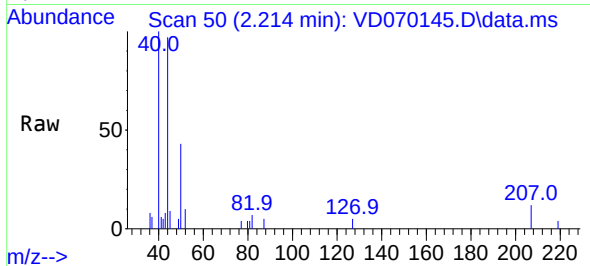




#3
Chloromethane
Concen: Below Cal
RT: 2.214 min Scan# 50
Delta R.T. 0.005 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

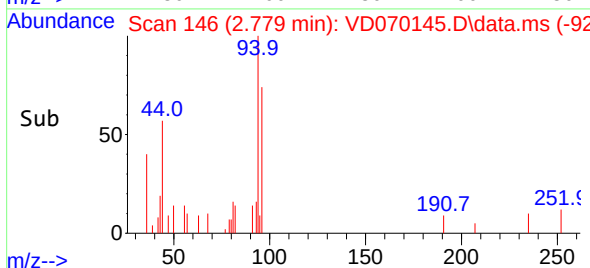
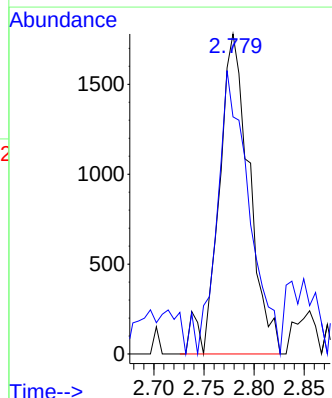
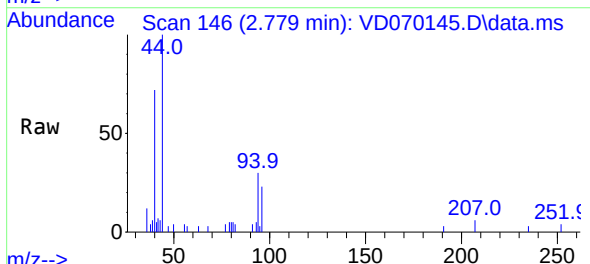
Instrument :
MSVOA_D
ClientSampleId :
SWCS-28-0306

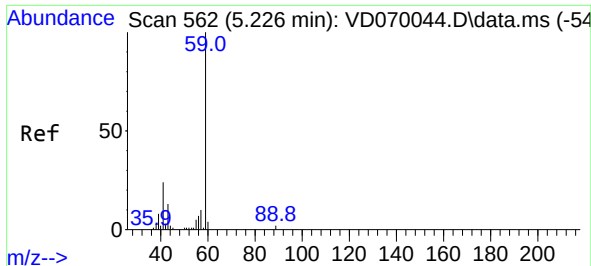
Tgt Ion: 50 Resp: 2590
Ion Ratio Lower Upper
50 100
52 23.7 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

Tgt Ion: 94 Resp: 3743
Ion Ratio Lower Upper
94 100
96 74.1 70.9 106.3



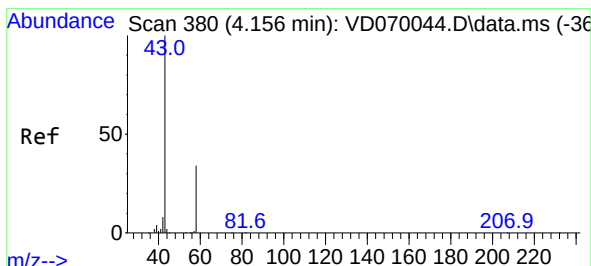
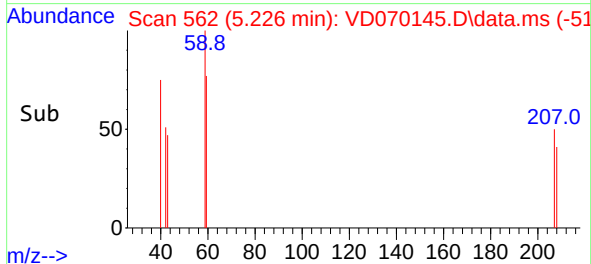
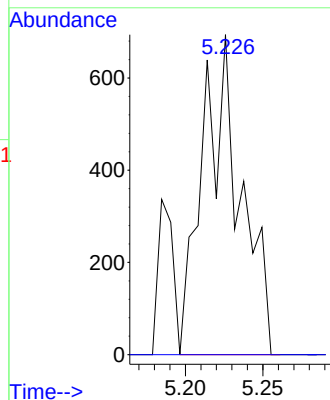
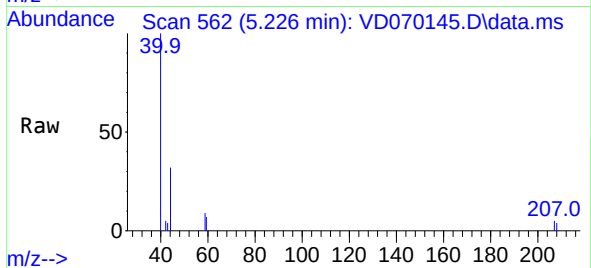


#11

Tert butyl alcohol
Concen: 3.227 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

Instrument :
MSVOA_D
ClientSampleId :
SWCS-28-0306

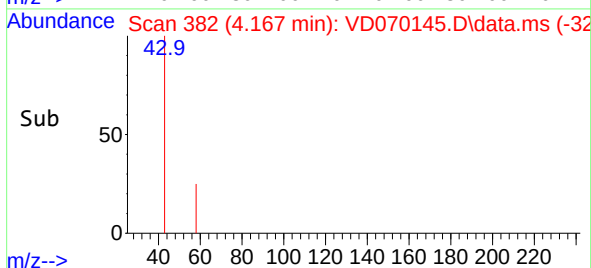
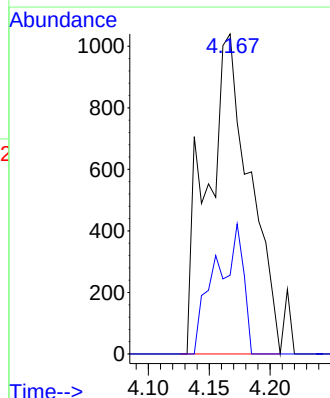
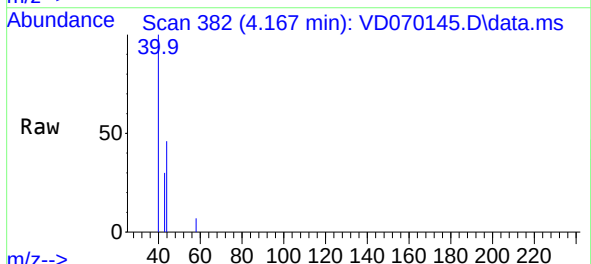
Tgt Ion: 59 Resp: 1182
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

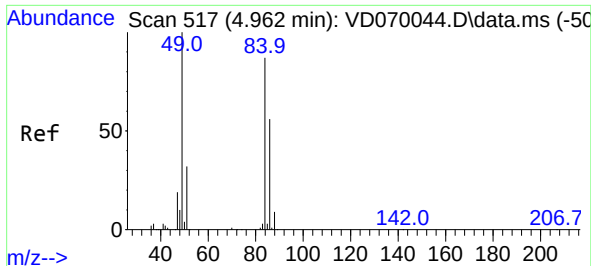


#16

Acetone
Concen: 2.084 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

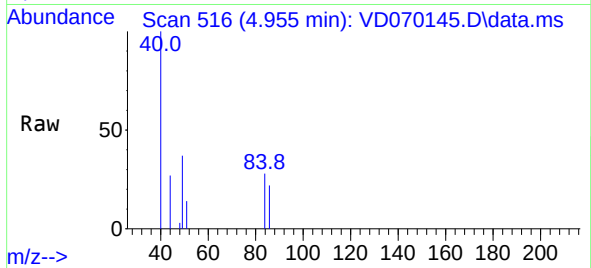
Tgt Ion: 43 Resp: 2544
Ion Ratio Lower Upper
43 100
58 24.6 26.8 40.2#





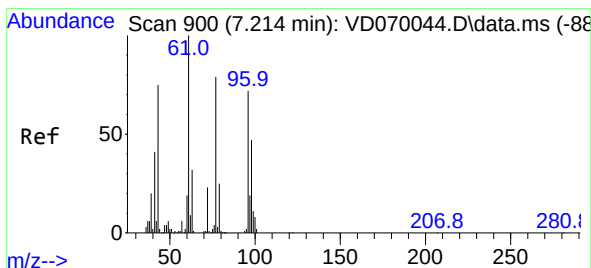
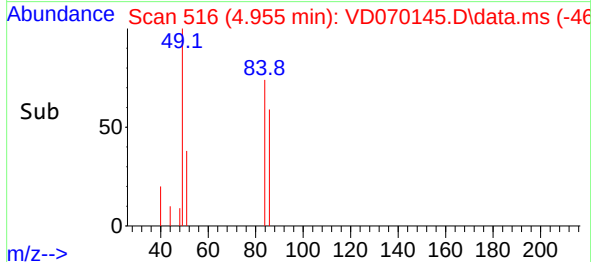
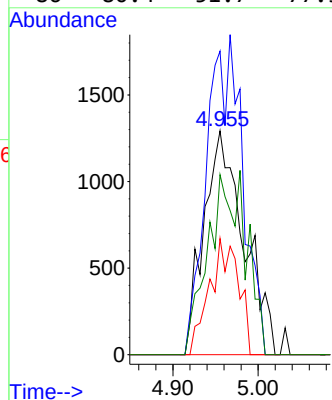
#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 516
Delta R.T. -0.007 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

Instrument :
MSVOA_D
ClientSampleId :
SWCS-28-0306

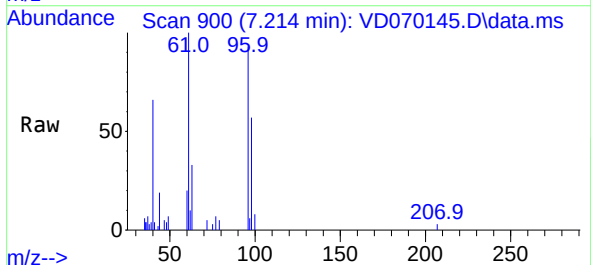


Tgt Ion: 84 Resp: 4224

Ion	Ratio	Lower	Upper
84	100		
49	135.6	92.5	138.7
51	51.9	29.7	44.5#
86	80.4	51.7	77.5#

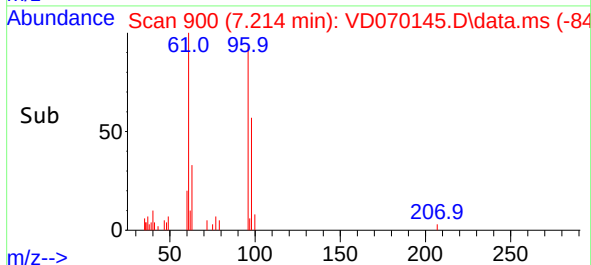
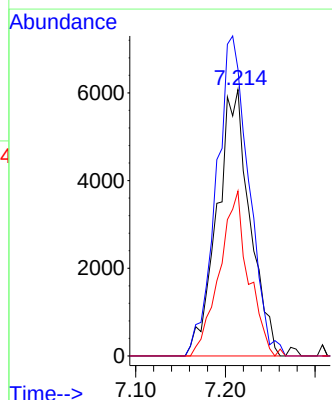


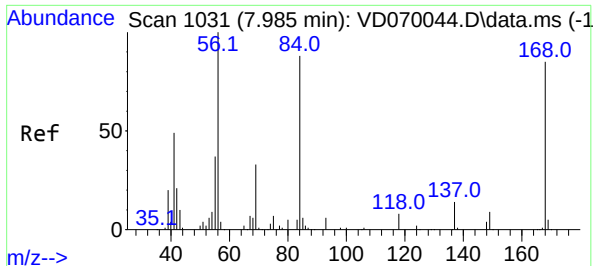
#27
cis-1,2-Dichloroethene
Concen: 1.868 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25



Tgt Ion: 96 Resp: 15427

Ion	Ratio	Lower	Upper
96	100		
61	119.0	0.0	288.2
98	55.0	0.0	129.6

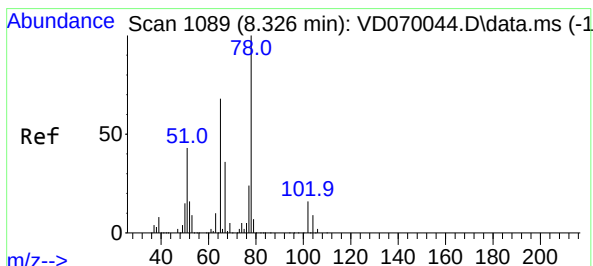
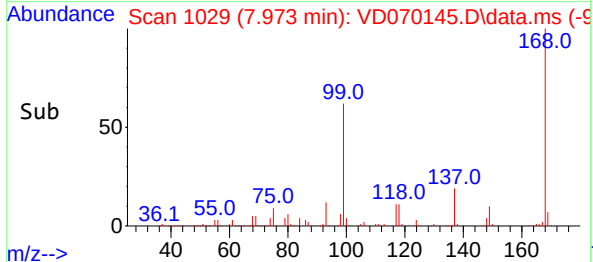
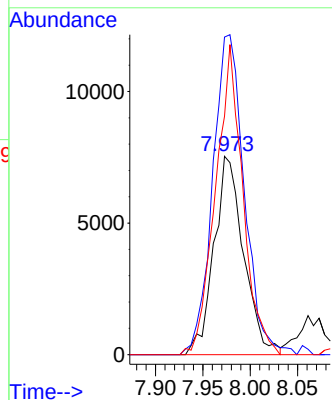
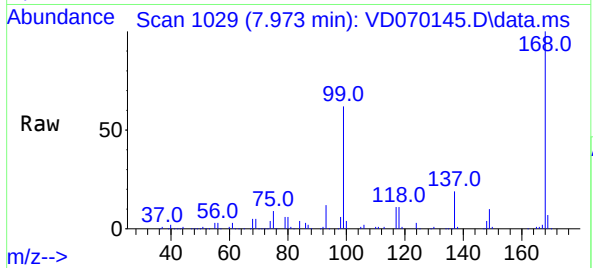




#31
Cyclohexane
Concen: 1.254 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

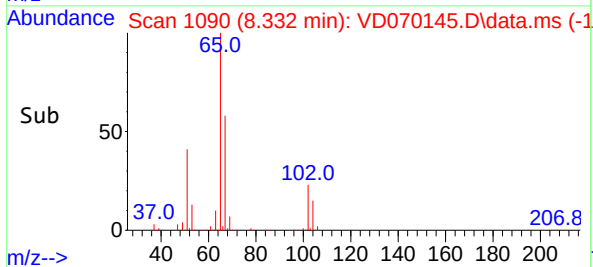
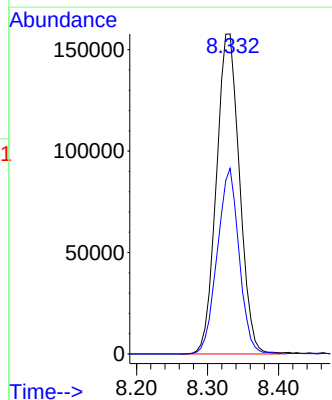
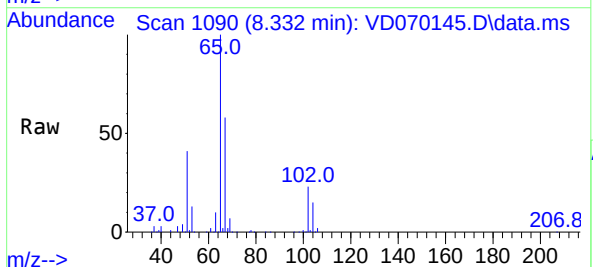
Instrument :
MSVOA_D
ClientSampleId :
SWCS-28-0306

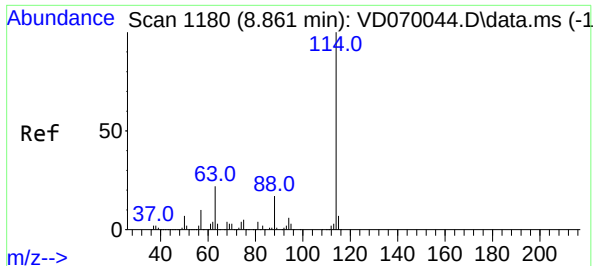
Tgt Ion: 56 Resp: 16451
Ion Ratio Lower Upper
56 100
69 160.1 26.7 40.1#
84 120.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 53.810 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.005 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

Tgt Ion: 65 Resp: 356582
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.8



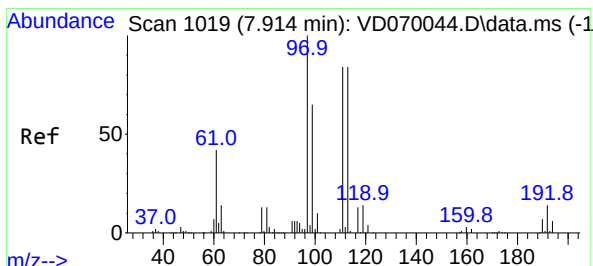
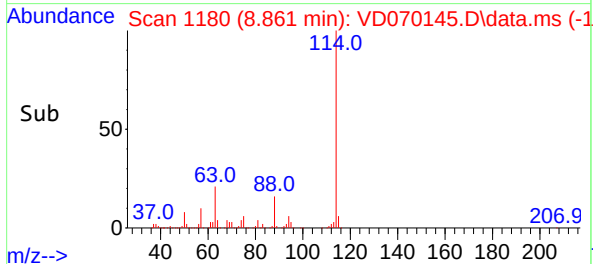
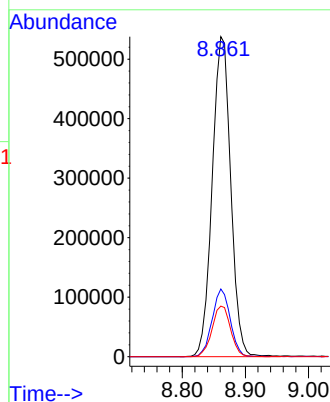
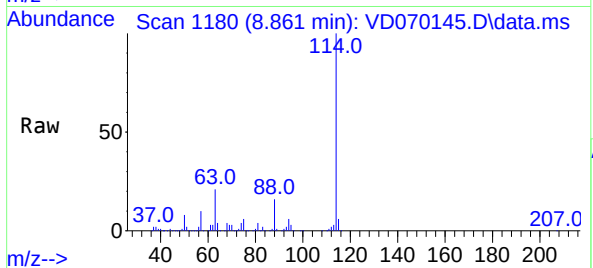


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

Instrument :
MSVOA_D
ClientSampleId :
SWCS-28-0306

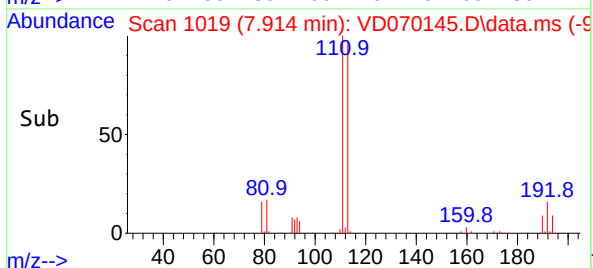
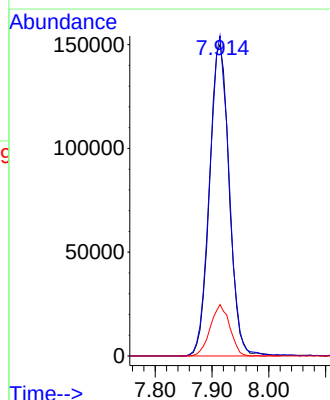
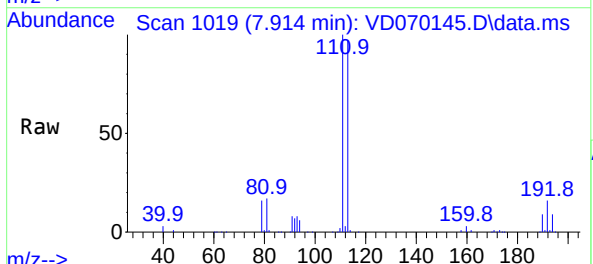
Tgt Ion:114 Resp: 1093768
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.6
88 15.8 0.0 33.4

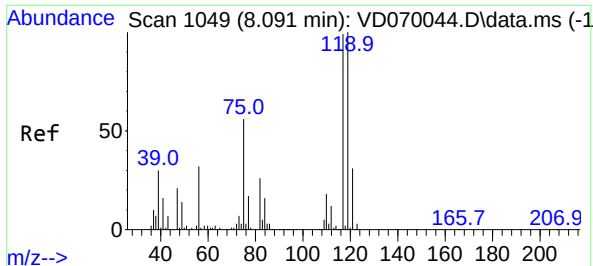


#35

Dibromofluoromethane
Concen: 51.104 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

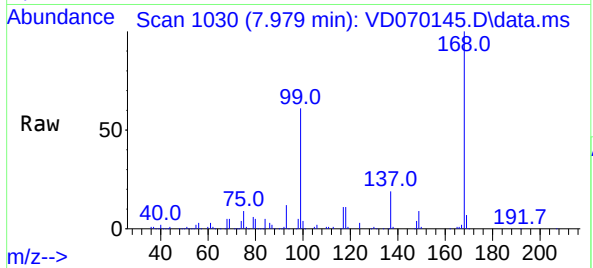
Tgt Ion:113 Resp: 361126
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.6
192 16.2 13.2 19.8



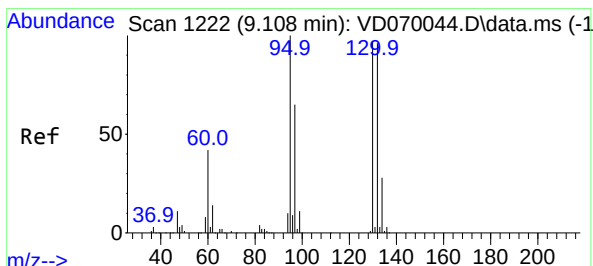
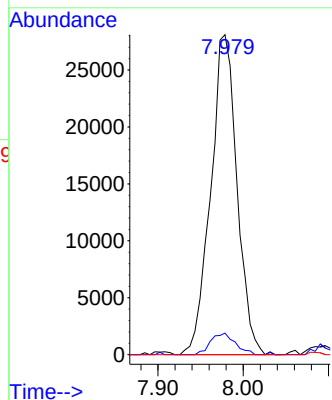
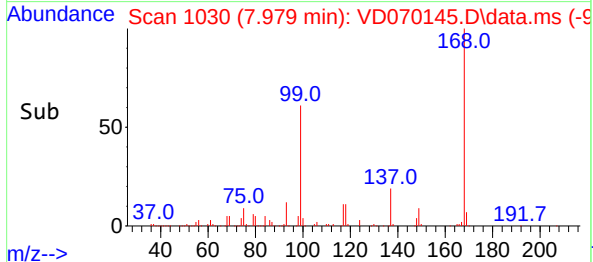


#38
Carbon Tetrachloride
Concen: 5.652 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

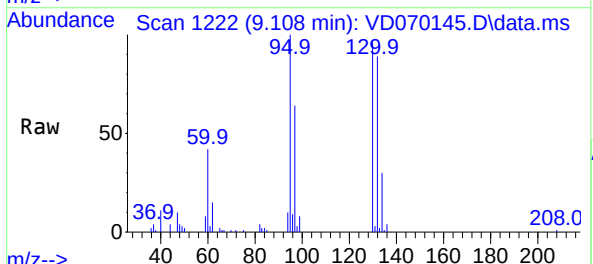
Instrument :
MSVOA_D
ClientSampleId :
SWCS-28-0306



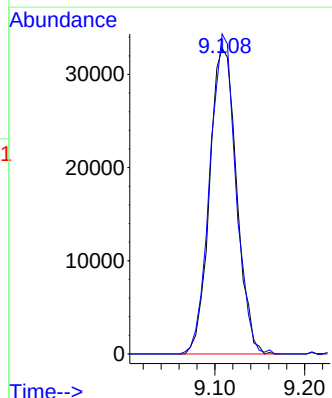
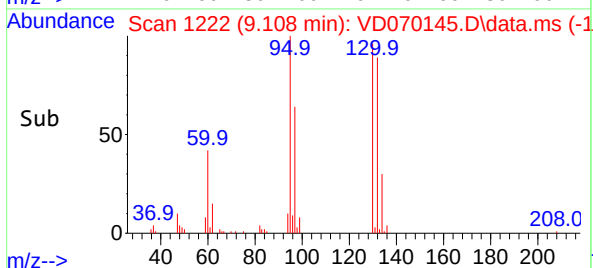
Tgt Ion:117 Resp: 60381
Ion Ratio Lower Upper
117 100
119 6.7 81.0 121.6#
121 0.0 25.0 37.6#

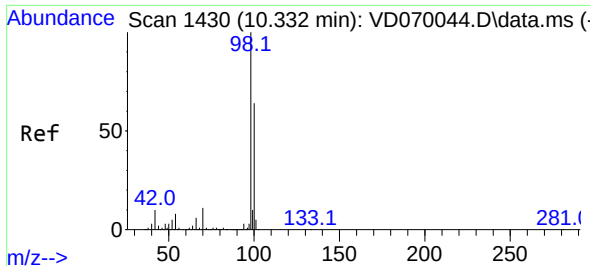


#44
Trichloroethene
Concen: 8.297 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25



Tgt Ion:130 Resp: 68403
Ion Ratio Lower Upper
130 100
95 104.7 0.0 206.4

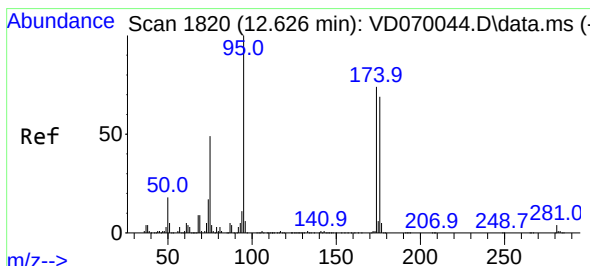
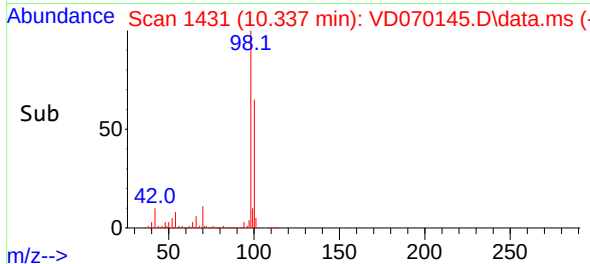
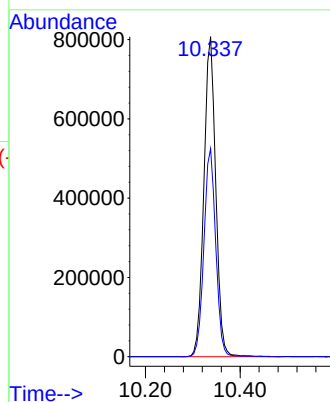
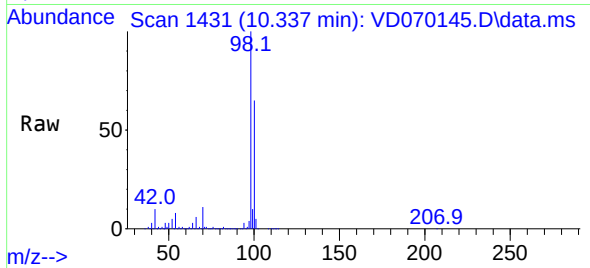




#50
Toluene-d8
Concen: 51.006 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.005 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

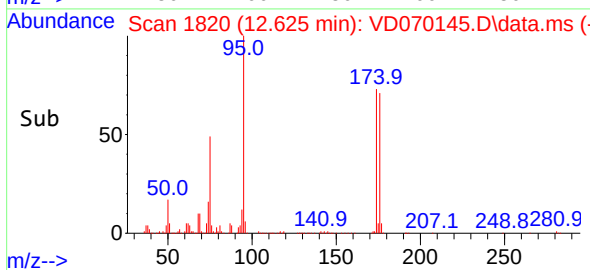
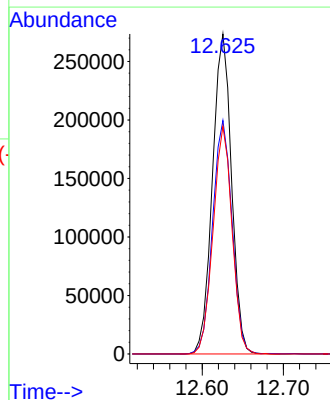
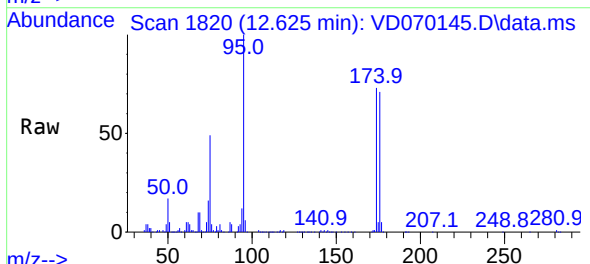
Instrument :
MSVOA_D
ClientSampleId :
SWCS-28-0306

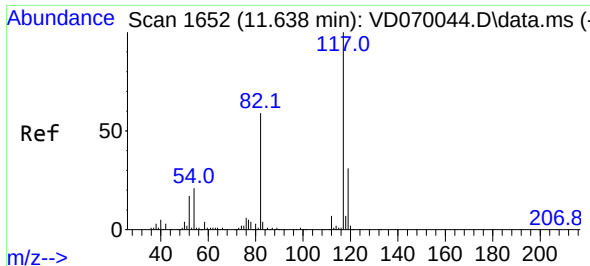
Tgt Ion: 98 Resp: 1401883
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.169 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

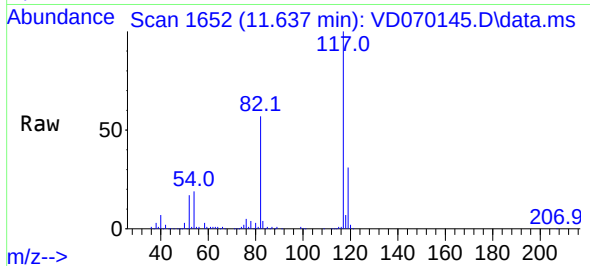
Tgt Ion: 95 Resp: 445115
Ion Ratio Lower Upper
95 100
174 74.7 0.0 141.6
176 70.8 0.0 138.2





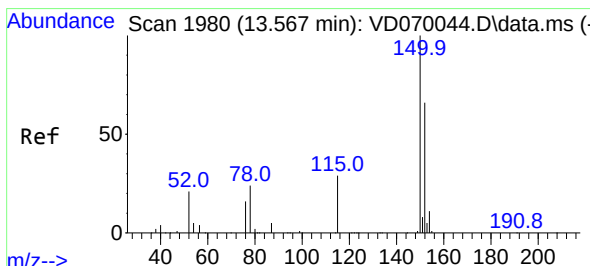
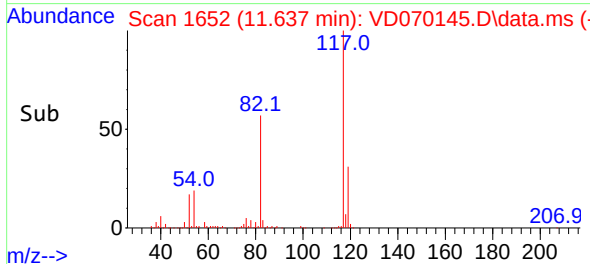
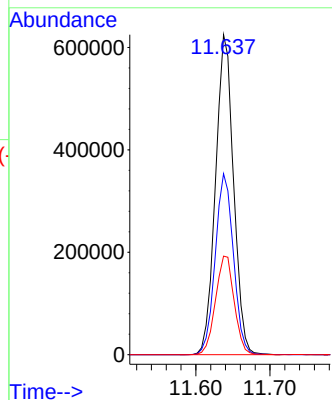
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

Instrument :
MSVOA_D
ClientSampleId :
SWCS-28-0306

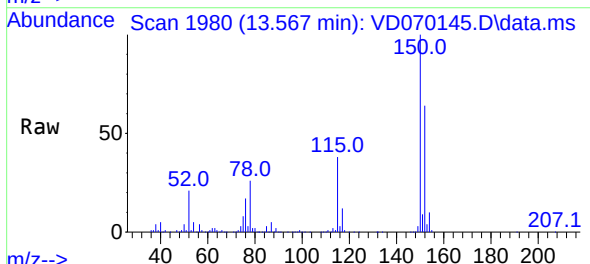


Tgt Ion:117 Resp: 1056692

Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.5	71.3
119	30.8	25.1	37.7

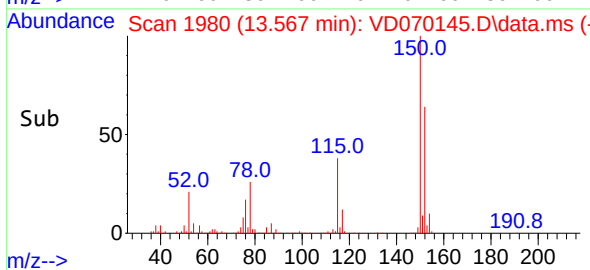
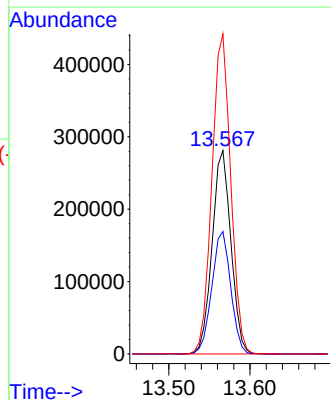


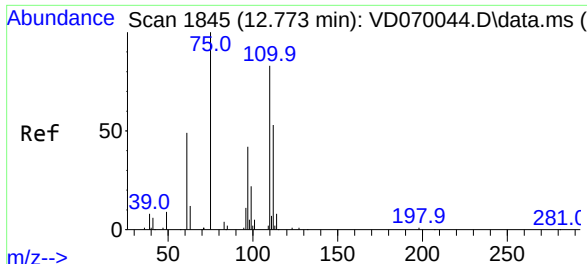
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25



Tgt Ion:152 Resp: 452687

Ion	Ratio	Lower	Upper
152	100		
115	60.5	31.2	93.6
150	157.0	0.0	352.0

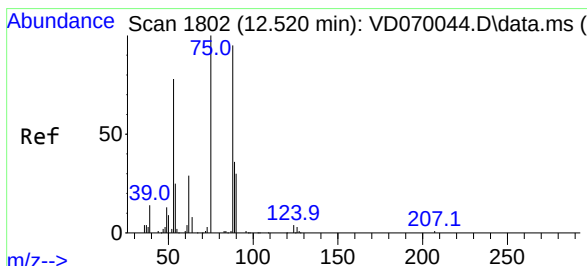
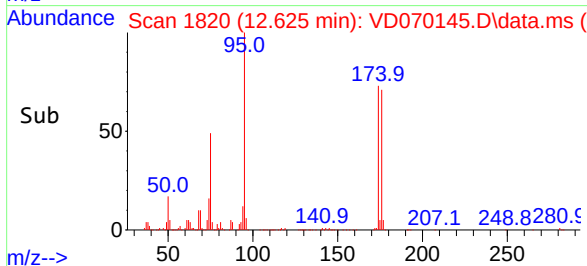
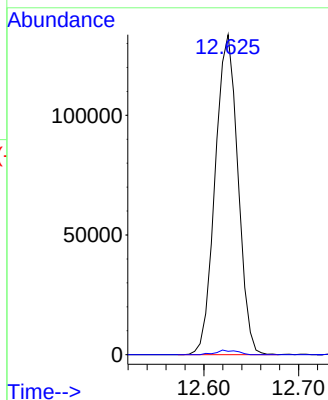
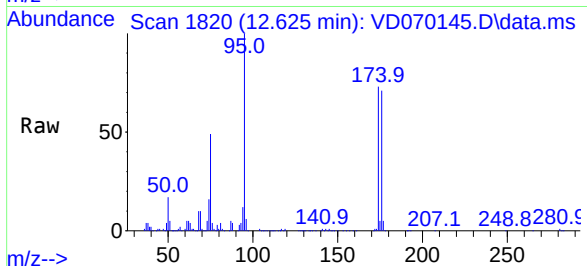




#76
1,2,3-Trichloropropane
Concen: 48.645 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

Instrument :
MSVOA_D
ClientSampleId :
SWCS-28-0306

Tgt Ion: 75 Resp: 223323
Ion Ratio Lower Upper
75 100
77 1.3 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.265 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.105 min
Lab File: VD070145.D
Acq: 19 Aug 2021 01:25

Tgt Ion: 75 Resp: 223323
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.0 33.7 50.5#

