

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071508.D
 Acq On : 28 Dec 2021 17:36
 Operator : VA/SY
 Sample : M5236-06
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-(19.5-20)

Quant Time: Dec 28 19:26:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

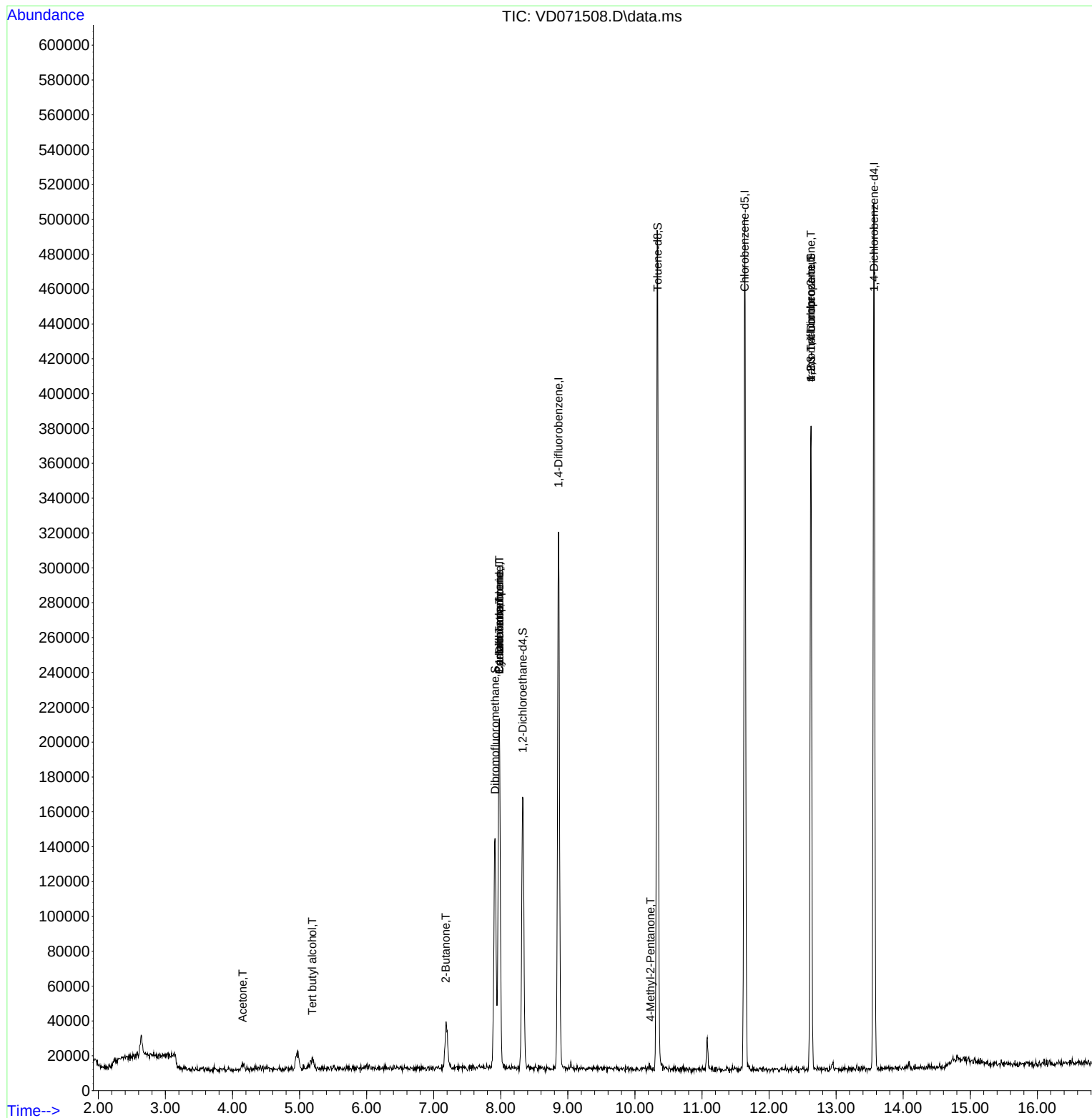
Internal Standards						
1) Pentafluorobenzene	7.979	168	138085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	244563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	257816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	120189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	127014	69.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.520%	
35) Dibromofluoromethane	7.914	113	92797	56.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.920%	
50) Toluene-d8	10.338	98	313545	50.479	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.960%	
62) 4-Bromofluorobenzene	12.626	95	123406	55.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	5275	4.008	ug/l #	71
16) Acetone	4.150	43	5260	11.419	ug/l #	75
20) Methylene Chloride	4.973	84	7213	Below Cal	#	86
25) 2-Butanone	7.179	43	1042	1.894	ug/l #	45
31) Cyclohexane	7.979	56	4224	1.356	ug/l #	35
36) 1,1-Dichloropropene	7.979	75	13478	5.133	ug/l #	46
38) Carbon Tetrachloride	7.979	117	15880	6.130	ug/l #	18
51) 4-Methyl-2-Pentanone	10.232	43	1582	1.250	ug/l	96
76) 1,2,3-Trichloropropane	12.626	75	67379	47.182	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	67379	133.315	ug/l #	18

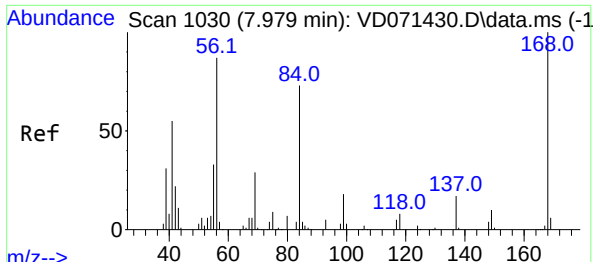
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-3-(19.5-20)

Quant Time: Dec 28 19:26:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

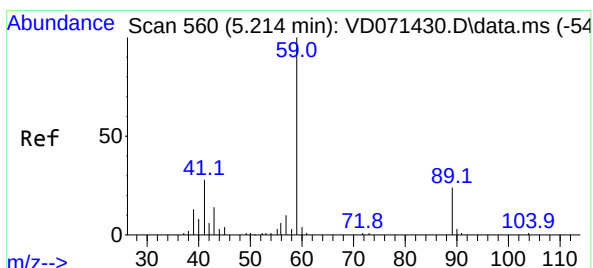
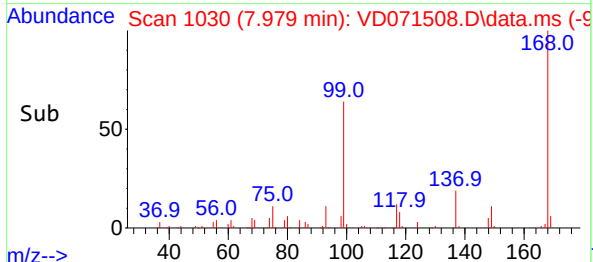
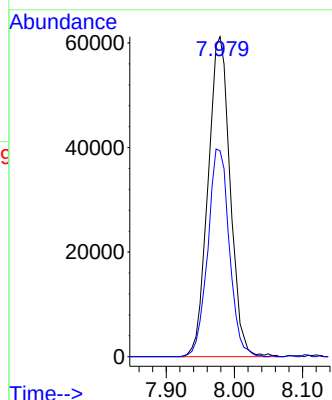
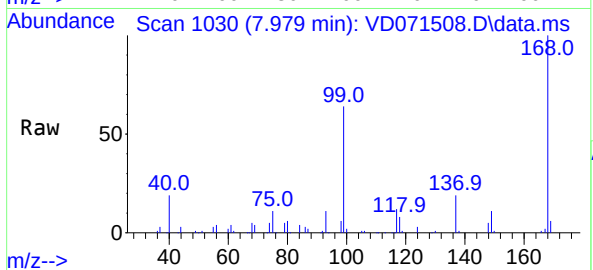




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

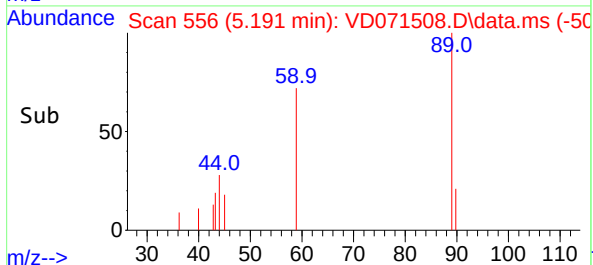
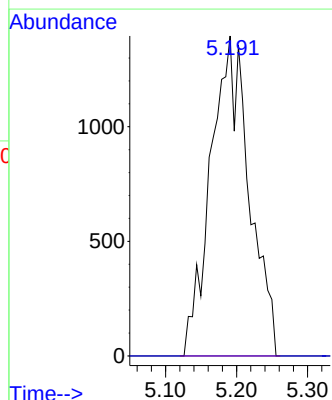
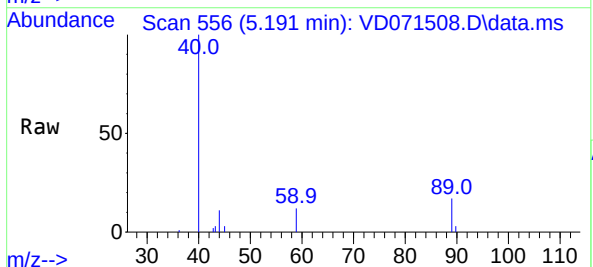
Instrument :
MSVOA_D
ClientSampleId :
SB-3-(19.5-20)

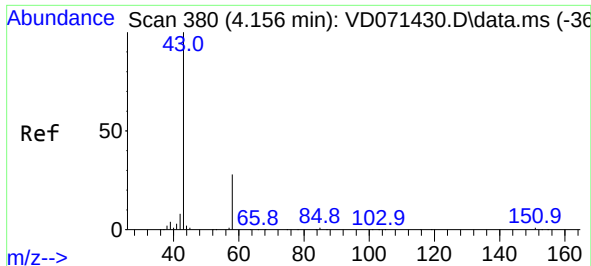
Tgt Ion:168 Resp: 138085
Ion Ratio Lower Upper
168 100
99 64.4 46.6 69.8



#11
Tert butyl alcohol
Concen: 4.008 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.018 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Tgt Ion: 59 Resp: 5275
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

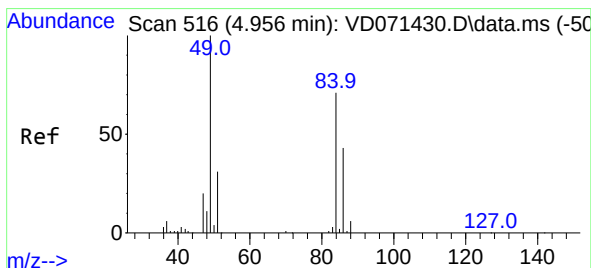
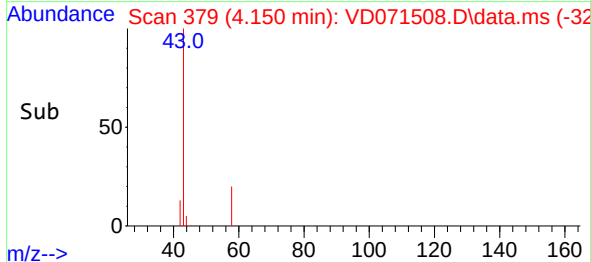
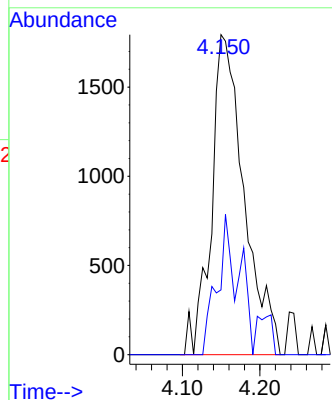
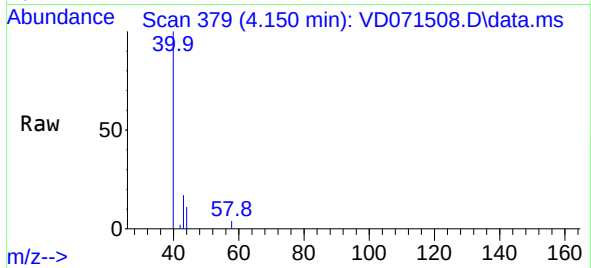




#16
Acetone
Concen: 11.419 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

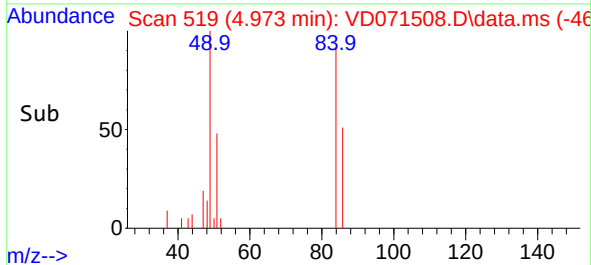
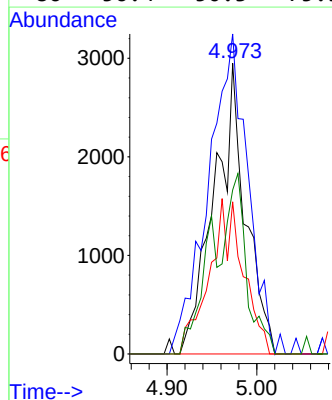
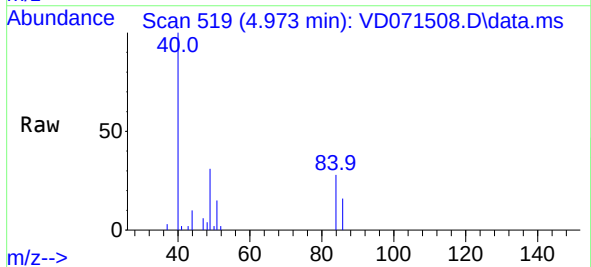
Instrument :
MSVOA_D
ClientSampleId :
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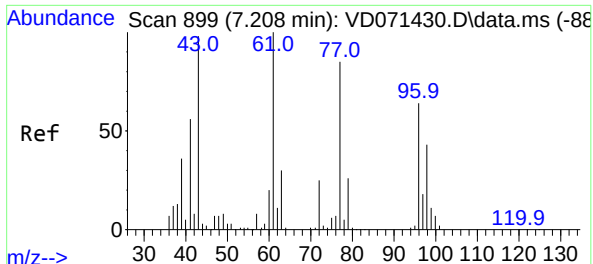
Tgt Ion: 43 Resp: 5260
Ion Ratio Lower Upper
43 100
58 20.2 27.8 41.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.012 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Tgt Ion: 84 Resp: 7213
Ion Ratio Lower Upper
84 100
49 103.2 95.8 143.6
51 52.4 30.9 46.3#
86 56.4 50.3 75.5

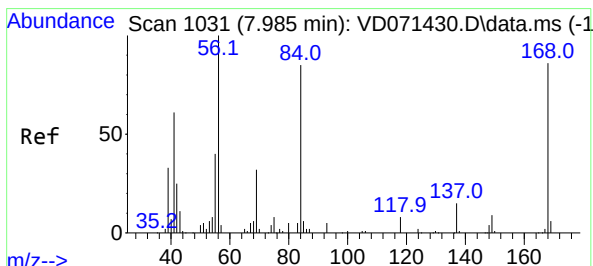
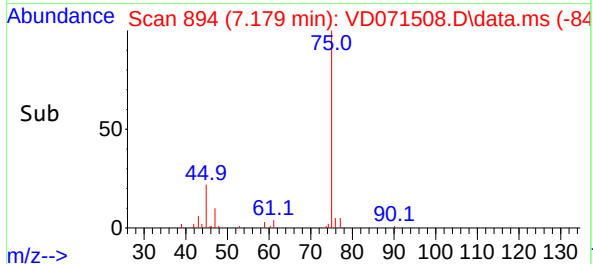
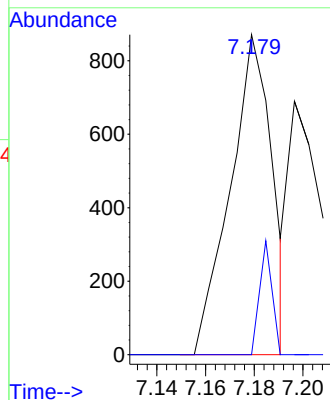
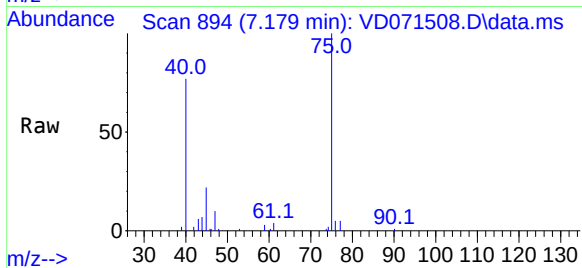




#25
2-Butanone
Concen: 1.894 ug/l
RT: 7.179 min Scan# 899
Delta R.T. -0.029 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

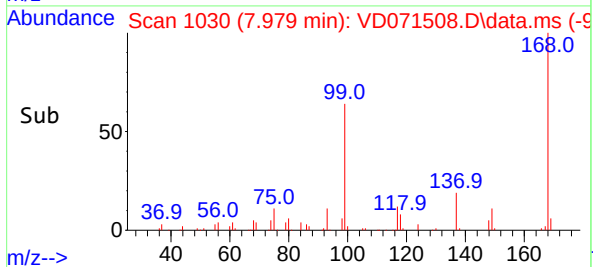
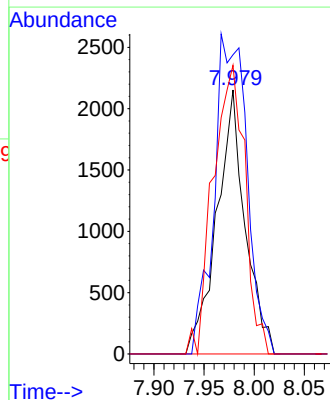
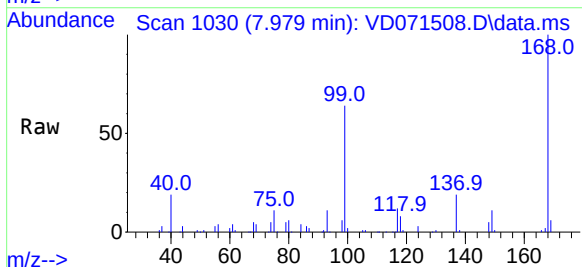
Instrument :
MSVOA_D
ClientSampleId :
SB-3-(19.5-20)

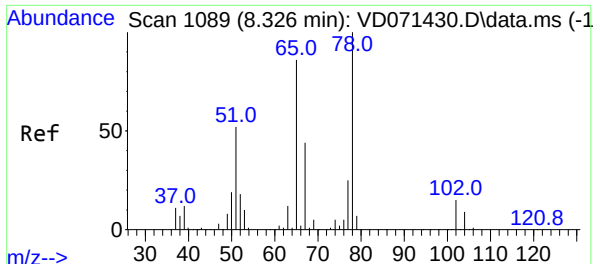
Tgt Ion: 43 Resp: 1042
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.356 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Tgt Ion: 56 Resp: 4224
Ion Ratio Lower Upper
56 100
69 113.3 25.9 38.9#
84 109.4 64.3 96.5#

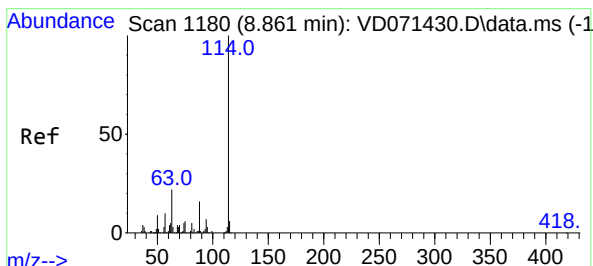
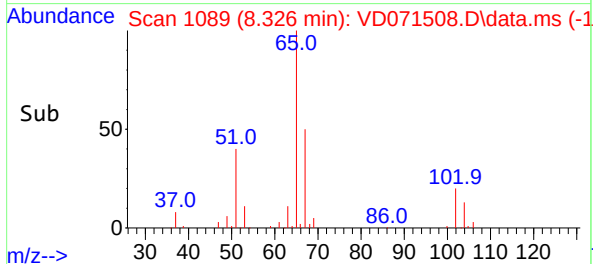
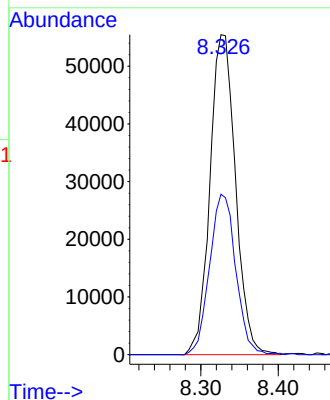
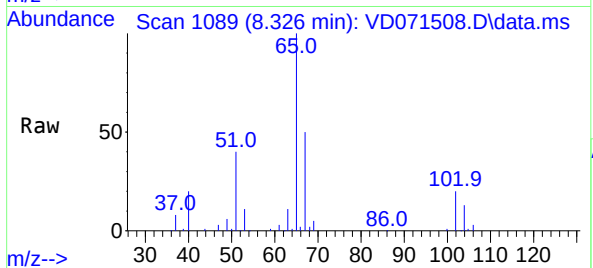




#33
1,2-Dichloroethane-d4
Concen: 69.259 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

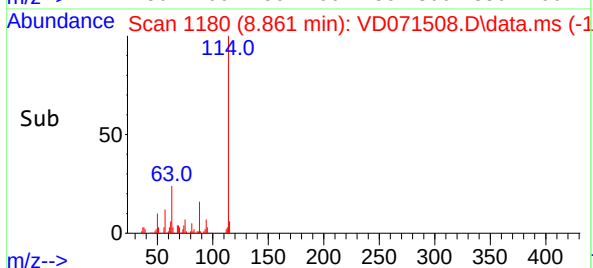
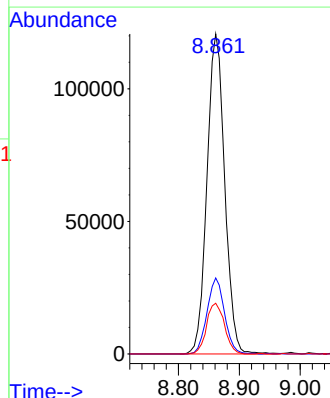
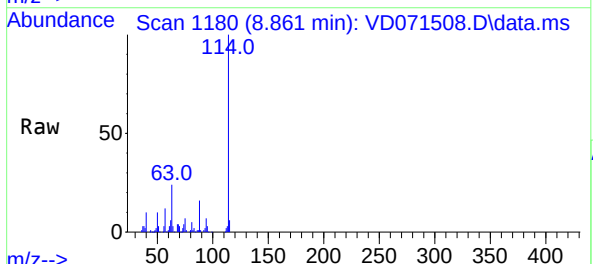
Instrument :
MSVOA_D
ClientSampleId :
SB-3-(19.5-20)

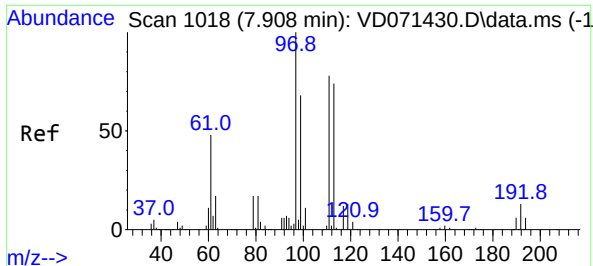
Tgt Ion: 65 Resp: 127014
Ion Ratio Lower Upper
65 100
67 51.3 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Tgt Ion:114 Resp: 244563
Ion Ratio Lower Upper
114 100
63 23.7 0.0 41.8
88 15.9 0.0 32.8

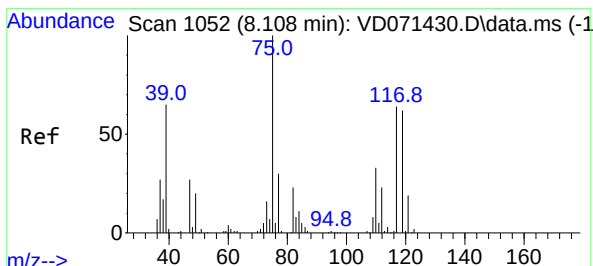
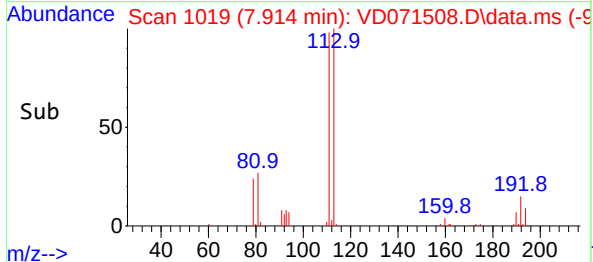
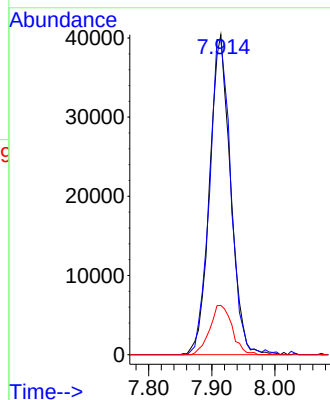
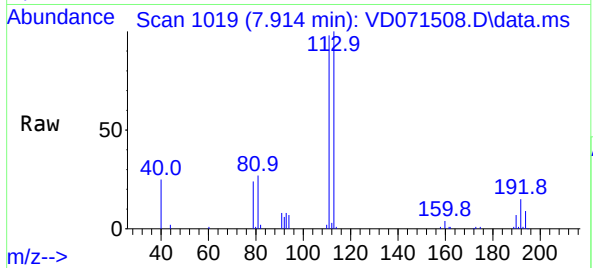




#35
Dibromofluoromethane
Concen: 56.458 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

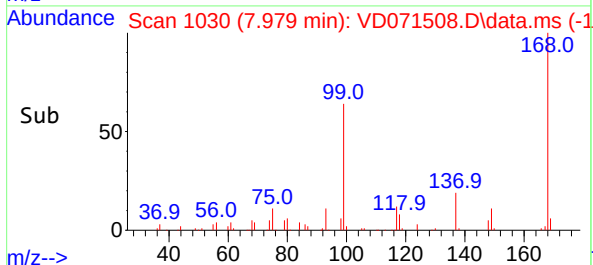
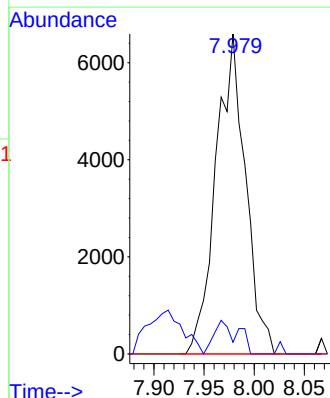
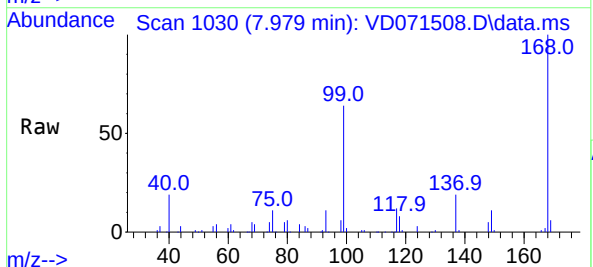
Instrument :
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SB-3-(19.5-20)

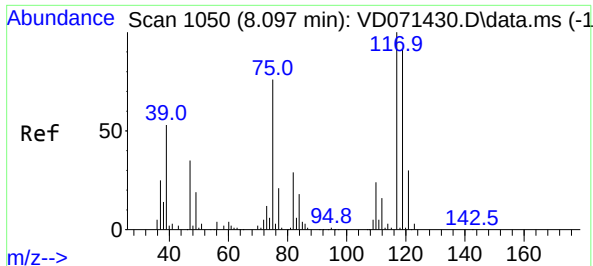
Tgt Ion:113 Resp: 92797
Ion Ratio Lower Upper
113 100
111 100.7 82.0 123.0
192 16.5 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.133 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Tgt Ion: 75 Resp: 13478
Ion Ratio Lower Upper
75 100
110 5.7 17.8 53.4#
77 0.0 24.8 37.2#

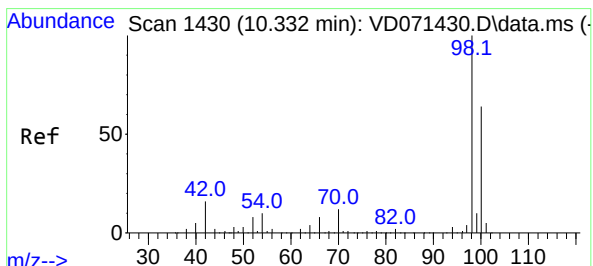
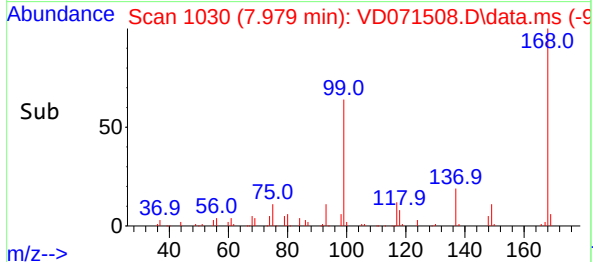
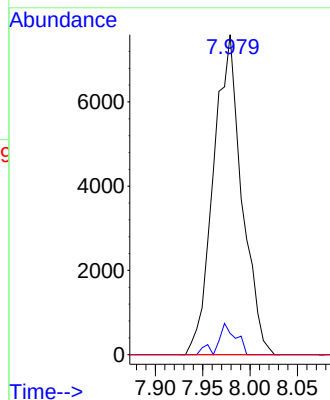
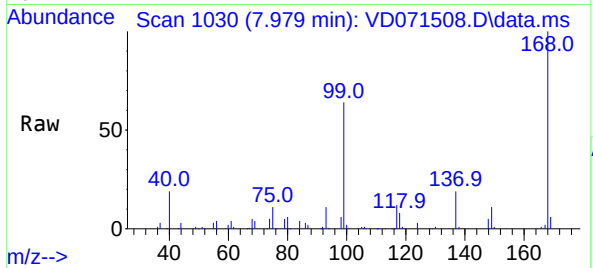




#38
Carbon Tetrachloride
Concen: 6.130 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

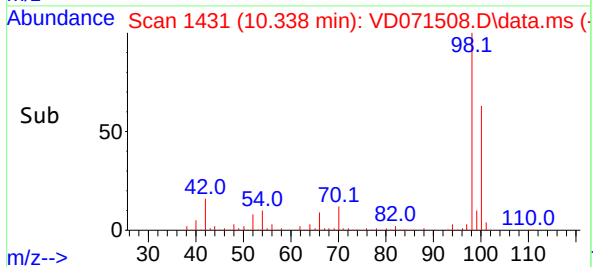
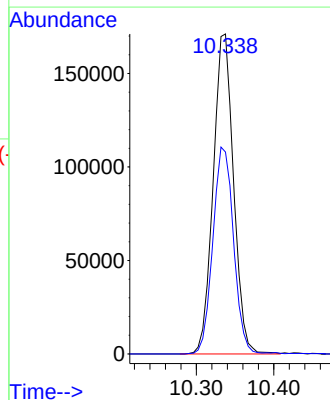
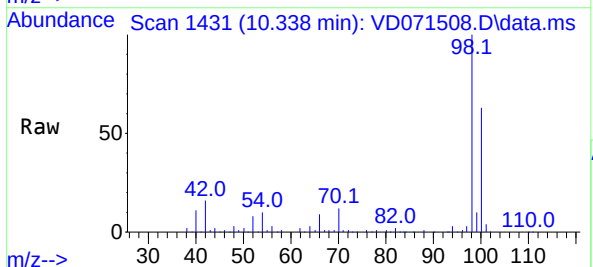
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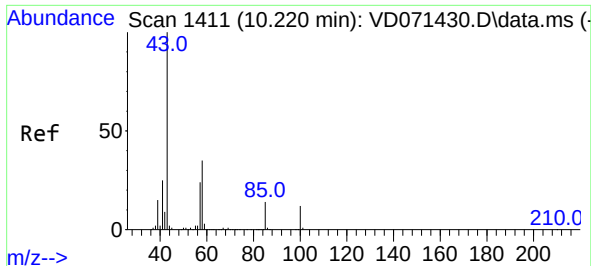
Tgt Ion:117 Resp: 15880
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 50.479 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Tgt Ion: 98 Resp: 313545
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6

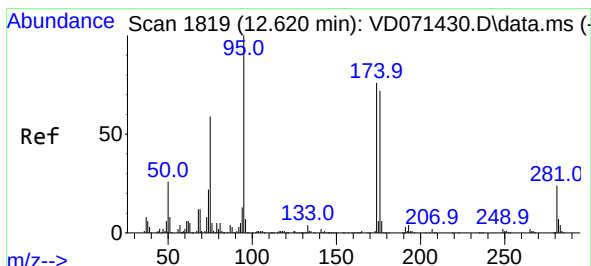
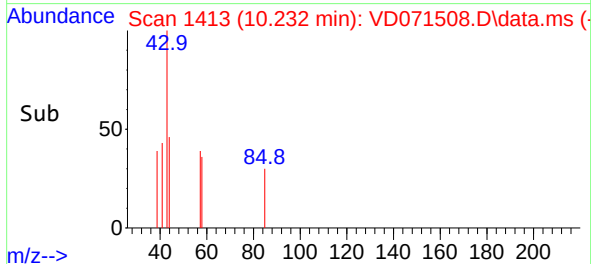
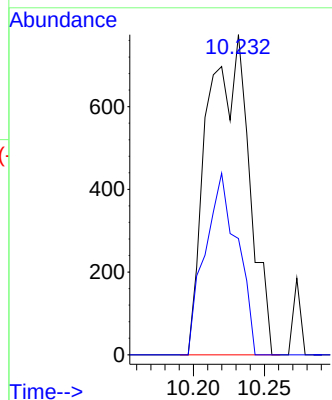
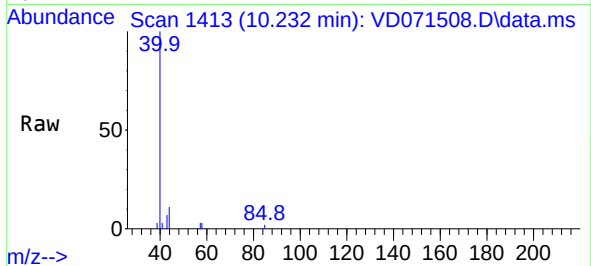




#51
4-Methyl-2-Pentanone
Concen: 1.250 ug/l
RT: 10.232 min Scan# 1411
Delta R.T. 0.012 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

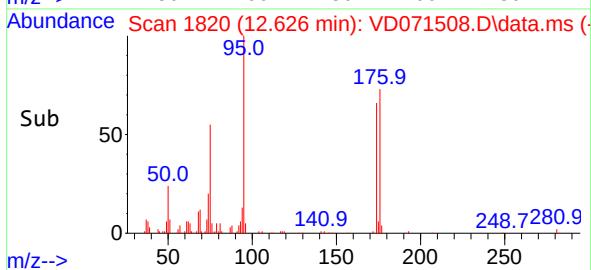
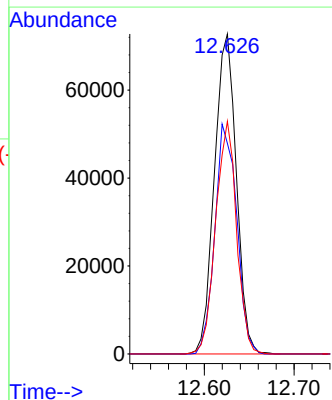
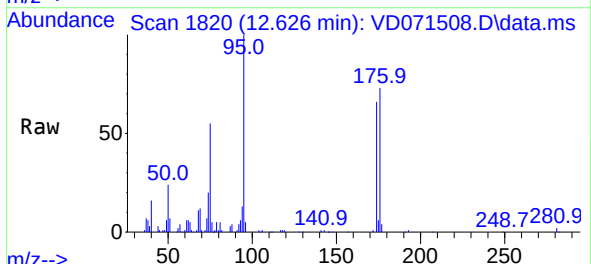
Instrument :
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SB-3-(19.5-20)

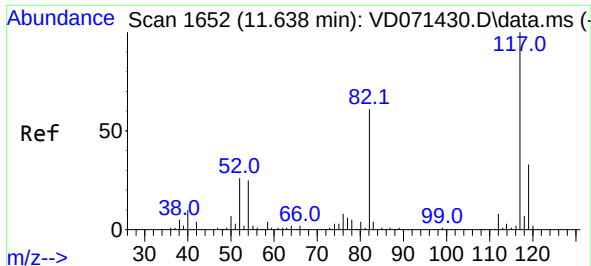
Tgt Ion: 43 Resp: 1582
Ion Ratio Lower Upper
43 100
58 43.9 33.1 49.7



#62
4-Bromofluorobenzene
Concen: 55.910 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Tgt Ion: 95 Resp: 123406
Ion Ratio Lower Upper
95 100
174 71.7 0.0 159.4
176 69.4 0.0 154.0

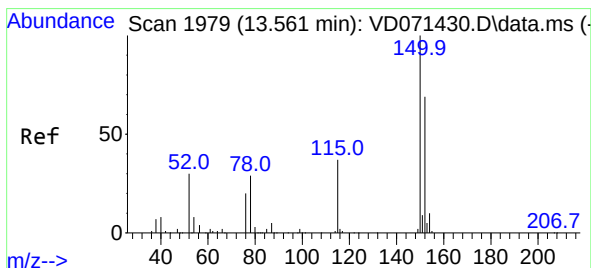
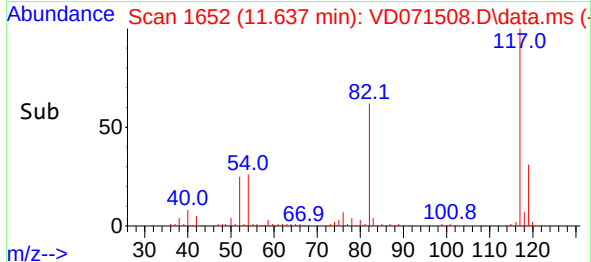
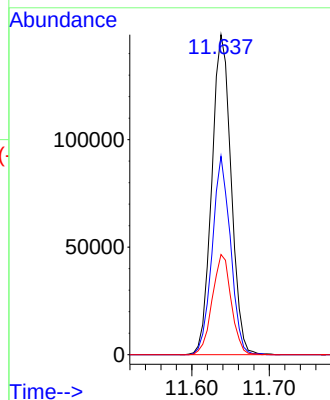
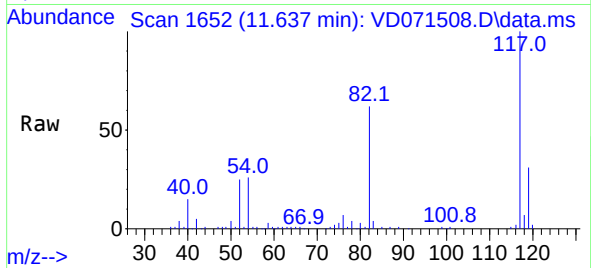




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

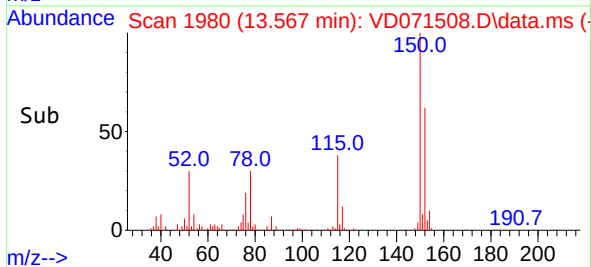
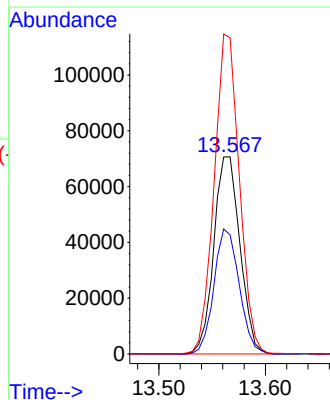
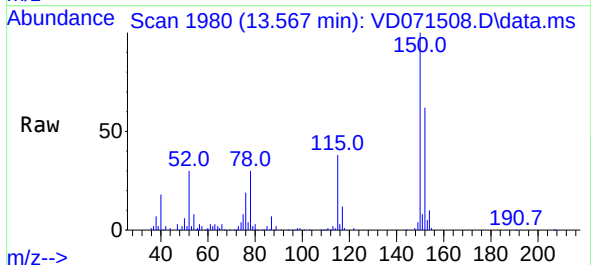
Instrument :
MSVOA_D
ClientSampleId :
SB-3-(19.5-20)

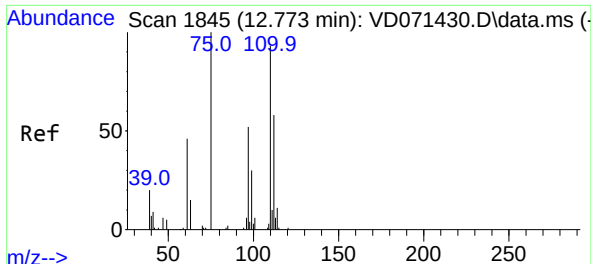
Tgt Ion:	117	Resp:	257816
Ion	Ratio	Lower	Upper
117	100		
82	62.0	44.7	67.1
119	31.3	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Tgt Ion:	152	Resp:	120189
Ion	Ratio	Lower	Upper
152	100		
115	61.4	29.8	89.3
150	156.7	0.0	349.2

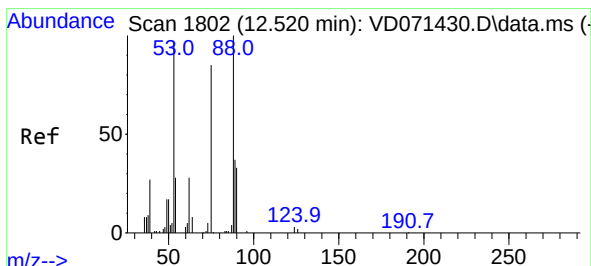
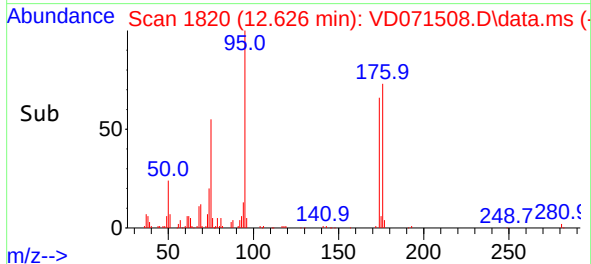
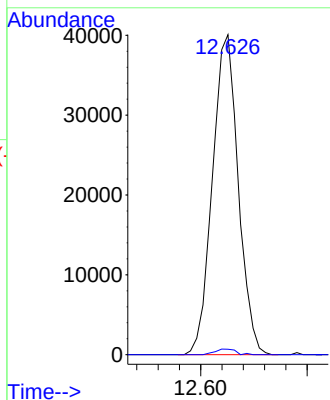
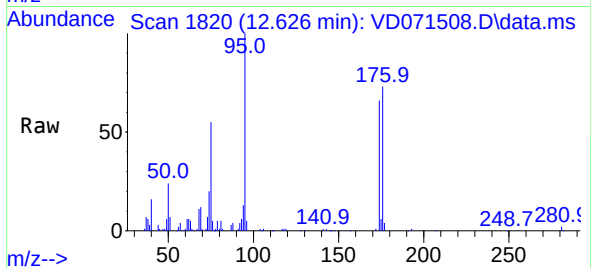




#76
1,2,3-Trichloropropane
Concen: 47.182 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Instrument :
MSVOA_D
ClientSampleId :
SB-3-(19.5-20)

Tgt Ion: 75 Resp: 67379
Ion Ratio Lower Upper
75 100
77 1.4 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.315 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Tgt Ion: 75 Resp: 67379
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.0 34.5 51.7#

