

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072108.D
 Acq On : 25 Feb 2022 18:55
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Feb 28 07:47:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

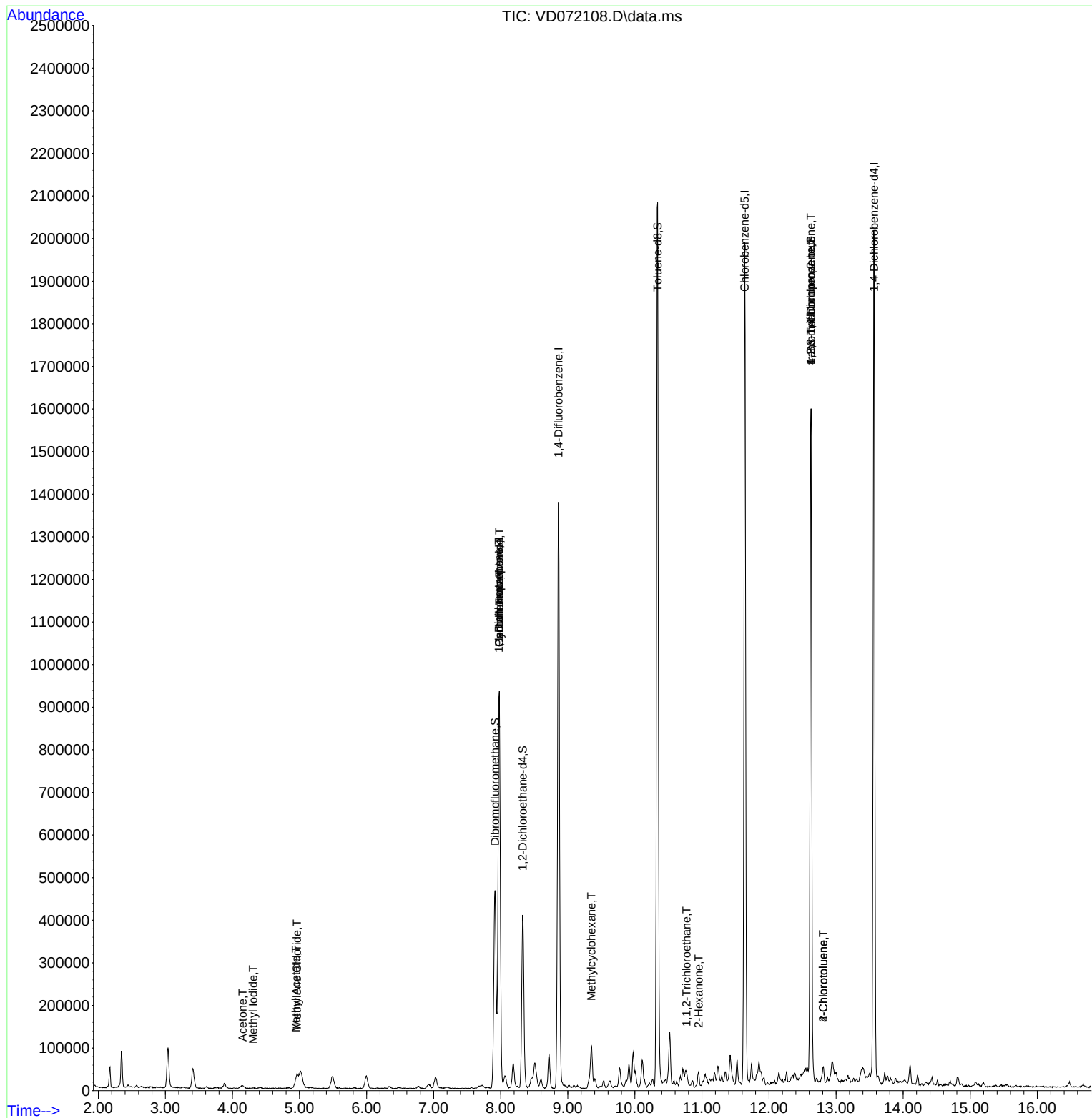
Internal Standards						
1) Pentafluorobenzene	7.979	168	678984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1159189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1123136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	542552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	322909	45.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.700%
35) Dibromofluoromethane	7.914	113	343123	48.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.338	98	1436551	55.157	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.320%
62) 4-Bromofluorobenzene	12.626	95	541116	56.561	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.120%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	1351	3.089	ug/l #	60
16) Acetone	4.150	43	7046	4.629	ug/l #	58
18) Methyl Acetate	4.950	43	9553	1.361	ug/l #	52
20) Methylene Chloride	4.962	84	16902	2.231	ug/l	98
31) Cyclohexane	7.979	56	29250	2.351	ug/l #	48
36) 1,1-Dichloropropene	7.973	75	53304	5.010	ug/l #	50
38) Carbon Tetrachloride	7.979	117	70522	6.468	ug/l #	16
39) Methylcyclohexane	9.350	83	33774	2.712	ug/l	96
55) 1,1,2-Trichloroethane	10.767	97	7987	1.343	ug/l #	23
59) 2-Hexanone	10.950	43	13765	4.145	ug/l #	26
76) 1,2,3-Trichloropropane	12.626	75	273621	53.242	ug/l #	100
79) 2-Chlorotoluene	12.808	91	27584	1.041	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.626	75	273621	133.330	ug/l #	10
82) 4-Chlorotoluene	12.808	91	27584	1.000	ug/l #	41

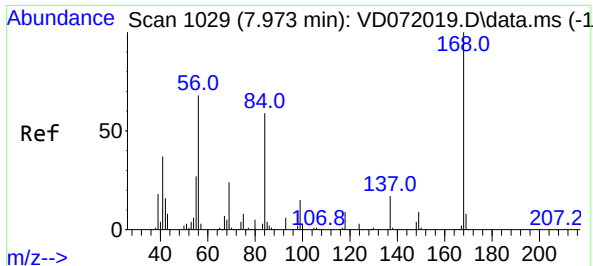
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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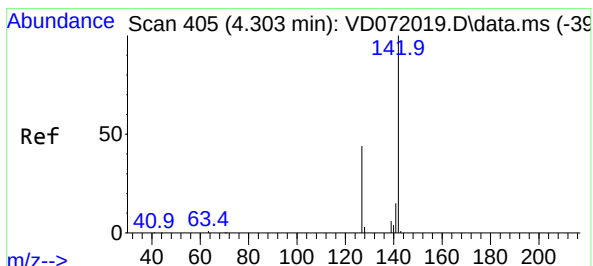
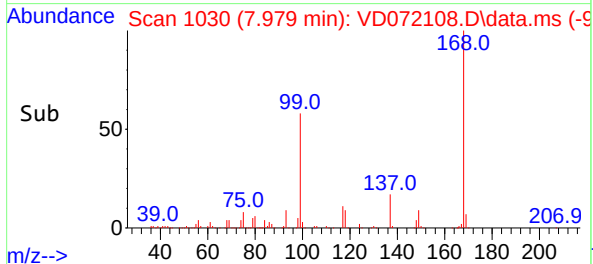
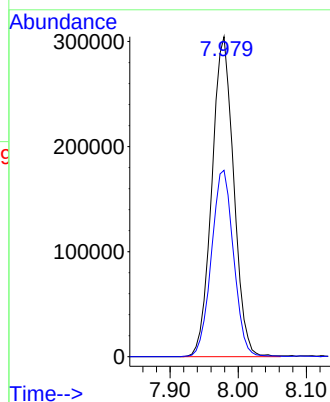
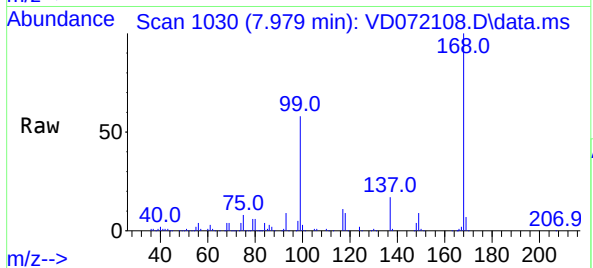




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

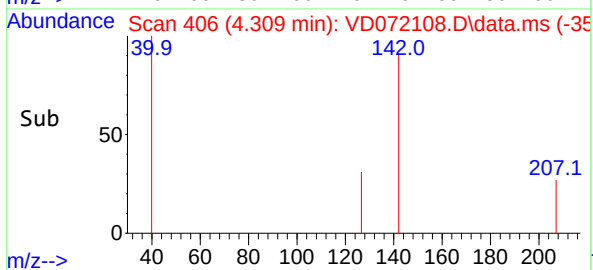
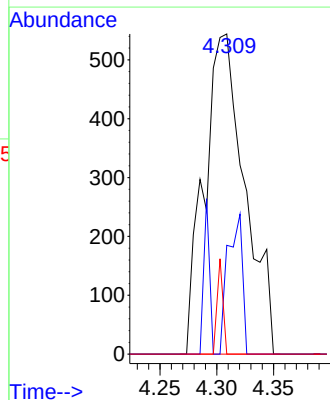
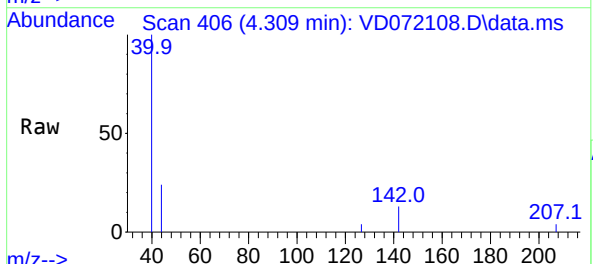
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

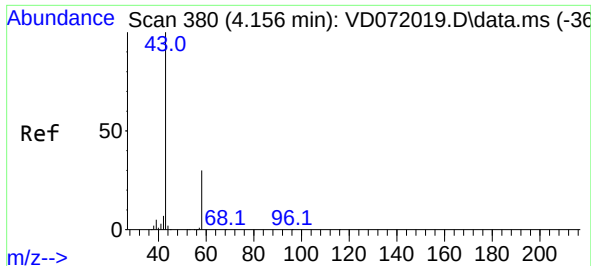
Tgt Ion:168 Resp: 678984
Ion Ratio Lower Upper
168 100
99 58.2 47.1 70.7



#10
Methyl Iodide
Concen: 3.089 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

Tgt Ion:142 Resp: 1351
Ion Ratio Lower Upper
142 100
127 15.8 35.8 53.8#
141 4.2 11.6 17.4#

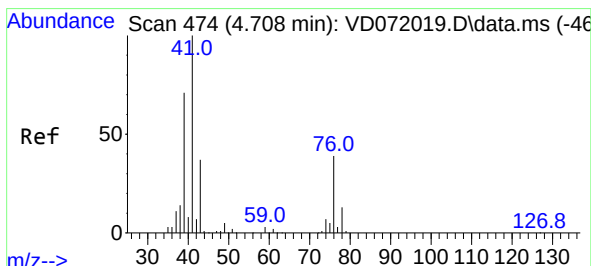
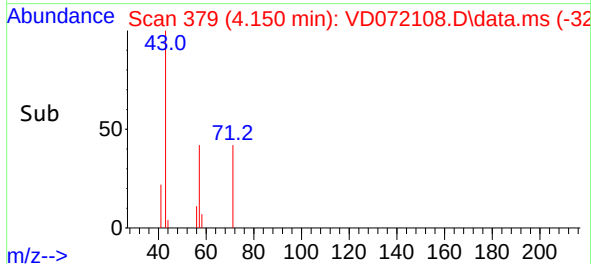
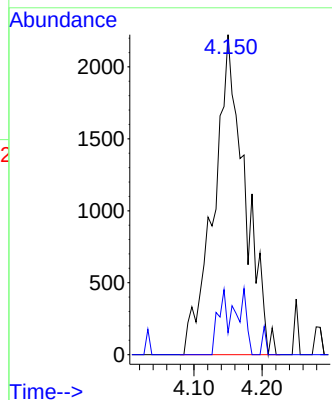
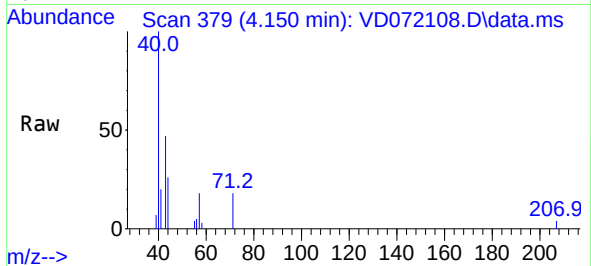




#16
Acetone
Concen: 4.629 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

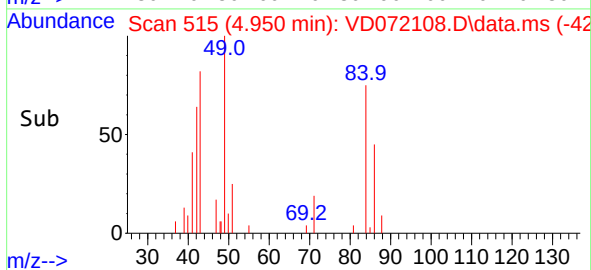
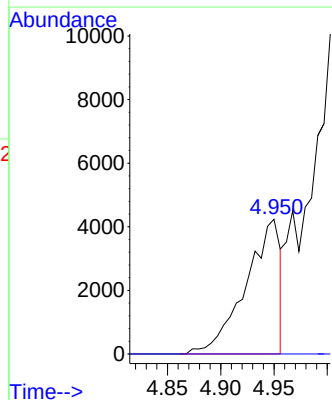
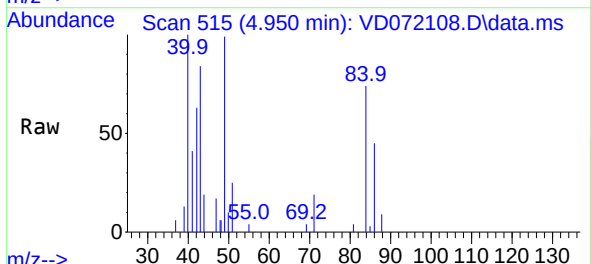
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

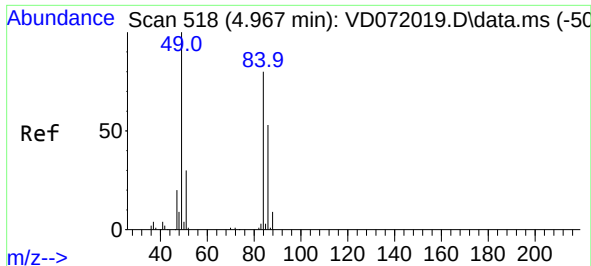
Tgt Ion: 43 Resp: 7046
Ion Ratio Lower Upper
43 100
58 6.8 23.8 35.6#



#18
Methyl Acetate
Concen: 1.361 ug/l
RT: 4.950 min Scan# 515
Delta R.T. 0.242 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

Tgt Ion: 43 Resp: 9553
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



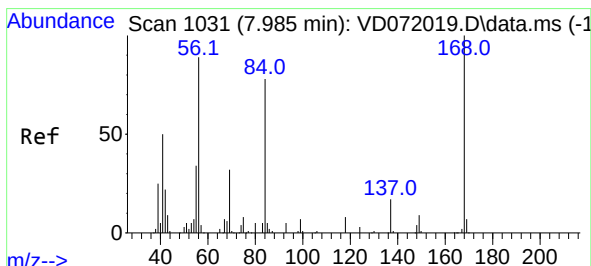
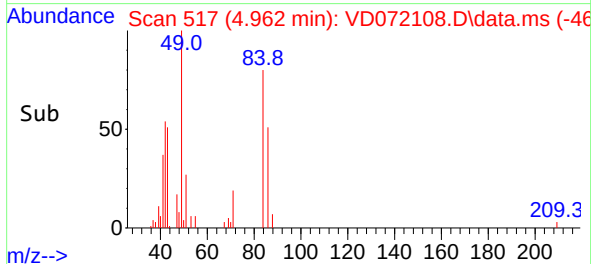
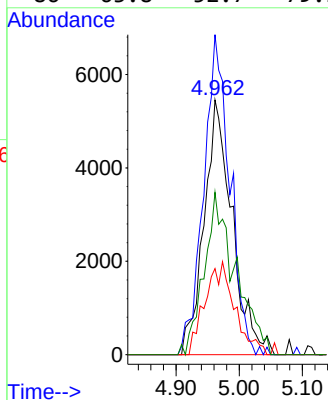
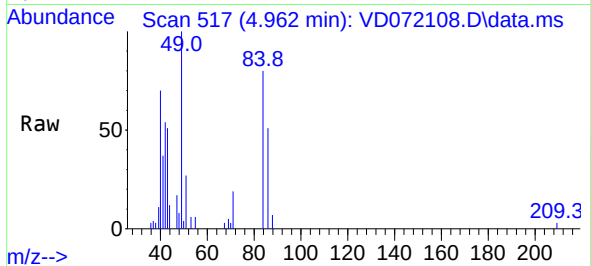


#20
Methylene Chloride
Concen: 2.231 ug/l
RT: 4.962 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 16902

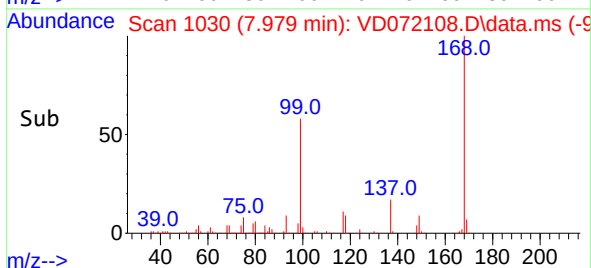
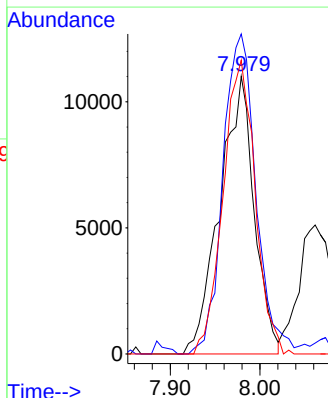
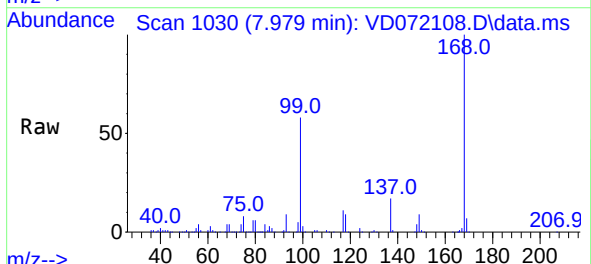
Ion	Ratio	Lower	Upper
84	100		
49	125.7	100.0	150.0
51	33.8	30.2	45.4
86	63.8	52.7	79.1

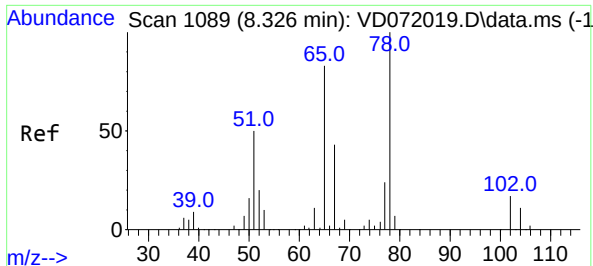


#31
Cyclohexane
Concen: 2.351 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

Tgt Ion: 56 Resp: 29250

Ion	Ratio	Lower	Upper
56	100		
69	115.3	28.9	43.3
84	105.8	70.6	105.8

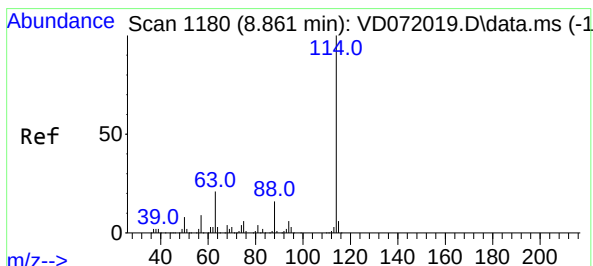
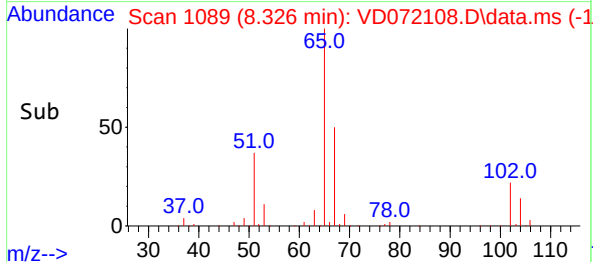
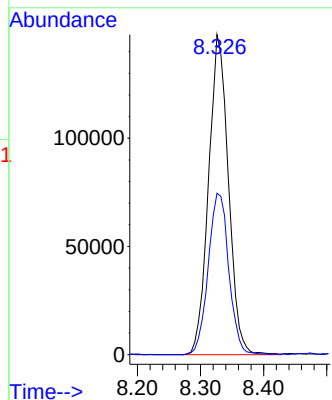
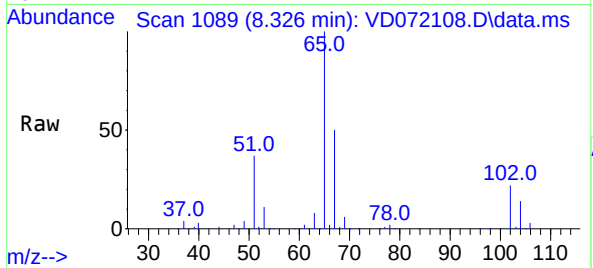




#33
1,2-Dichloroethane-d4
Concen: 45.848 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

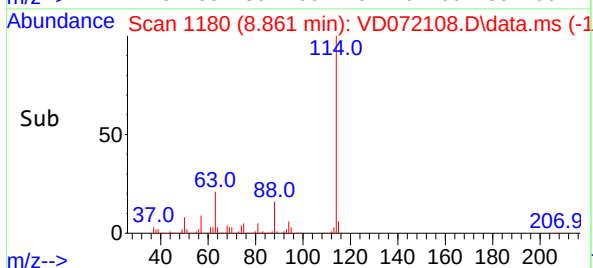
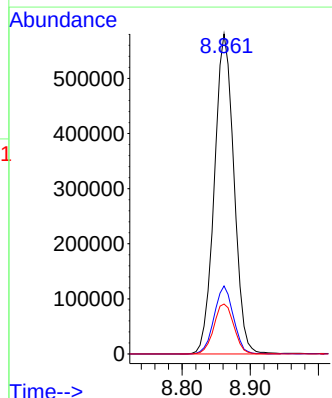
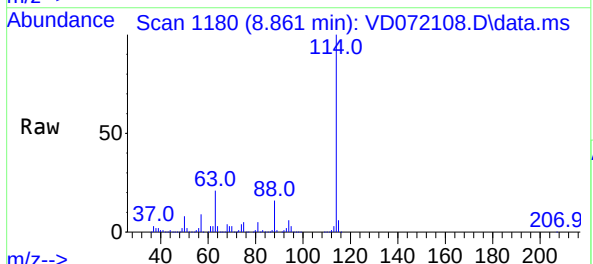
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

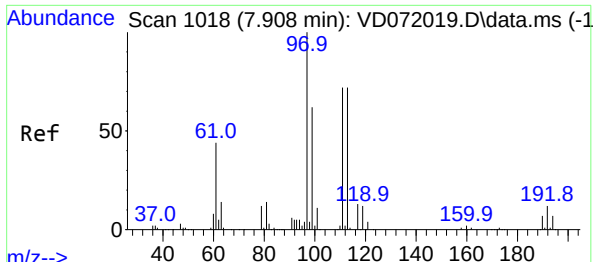
Tgt Ion: 65 Resp: 322909
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

Tgt Ion:114 Resp: 1159189
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.2
88 15.6 0.0 31.2

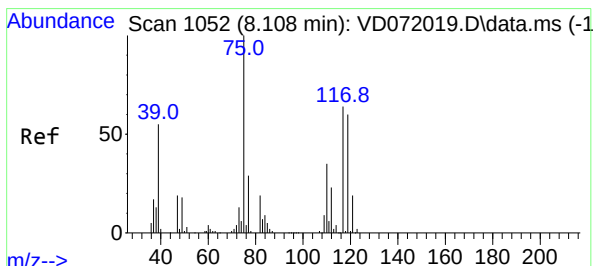
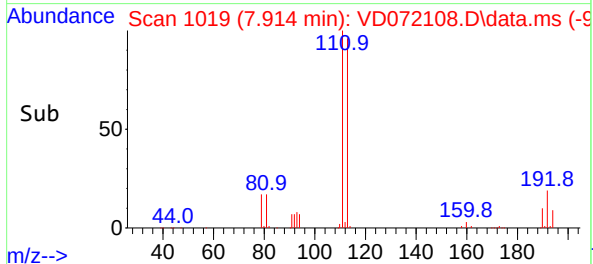
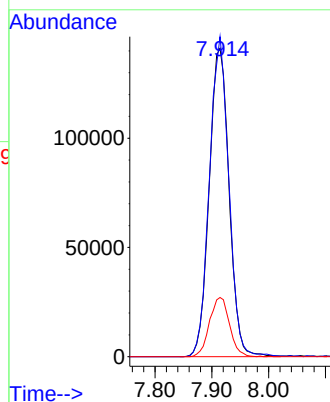
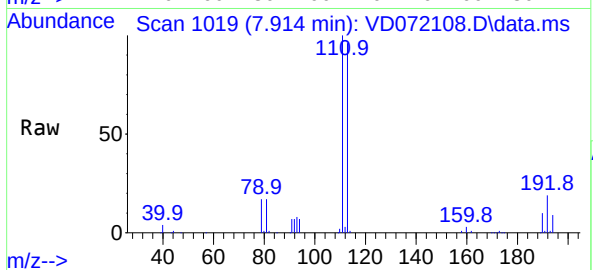




#35
Dibromofluoromethane
Concen: 48.856 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

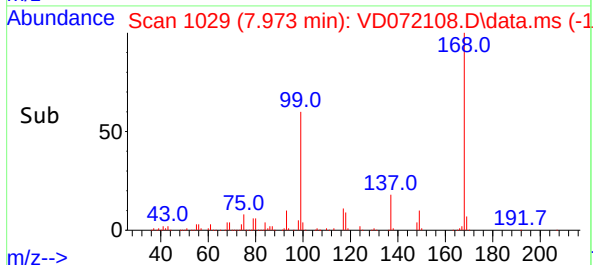
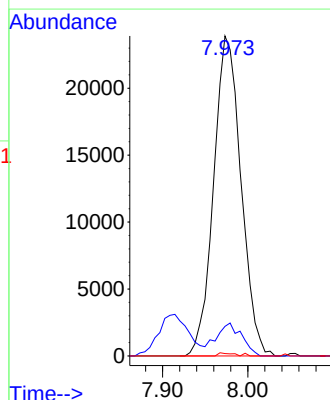
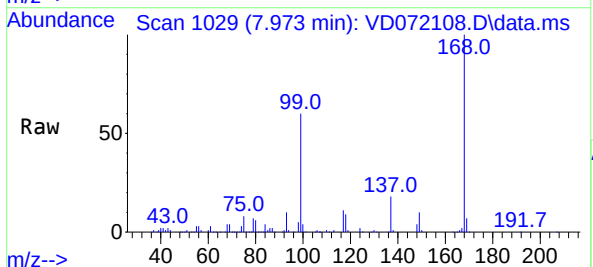
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MSVOA_D
ClientSampleId :
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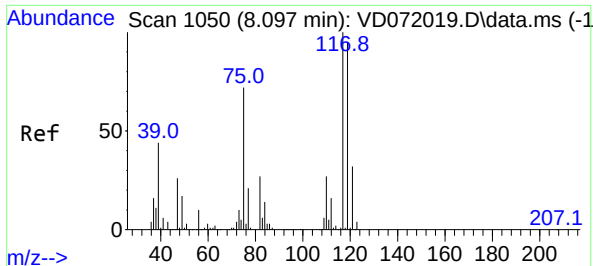
Tgt Ion:113 Resp: 343123
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.4
192 19.3 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.010 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

Tgt Ion: 75 Resp: 53304
Ion Ratio Lower Upper
75 100
110 9.5 17.7 53.1#
77 0.5 24.8 37.2#

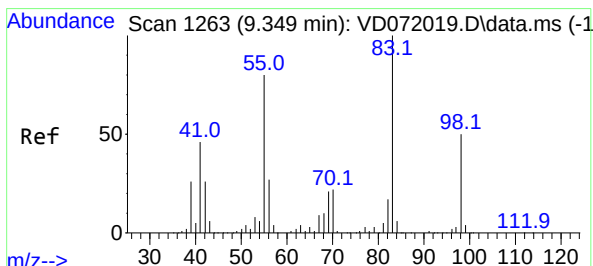
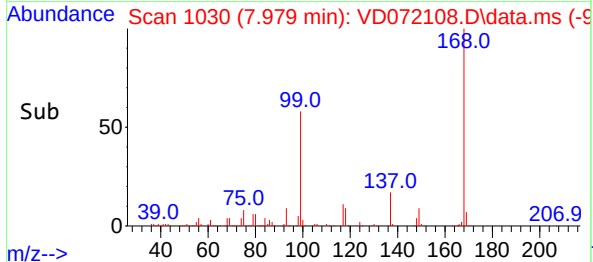
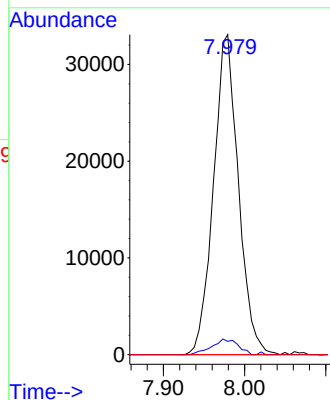
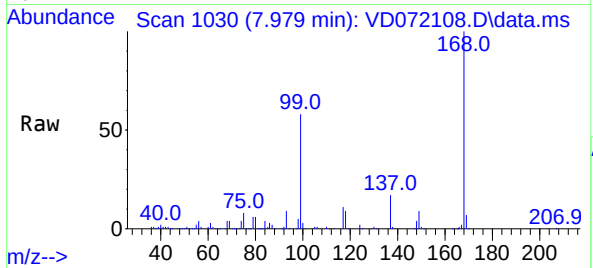




#38
Carbon Tetrachloride
Concen: 6.468 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

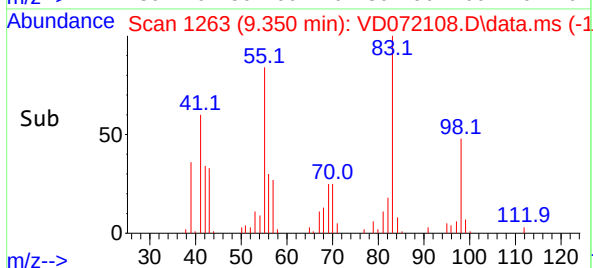
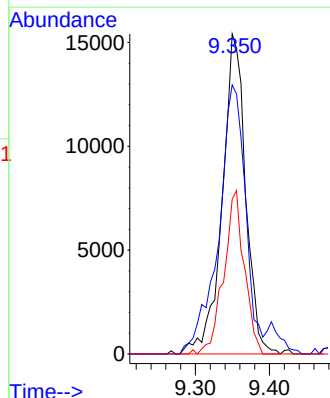
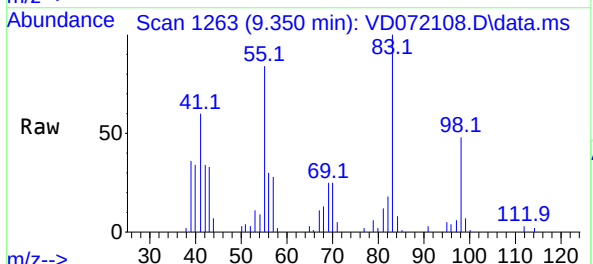
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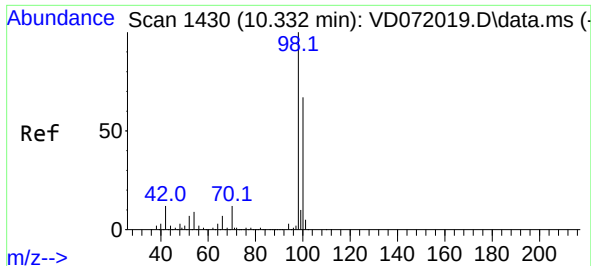
Tgt Ion:117 Resp: 70522
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 2.712 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

Tgt Ion: 83 Resp: 33774
Ion Ratio Lower Upper
83 100
55 84.1 64.0 96.0
98 48.4 39.8 59.8

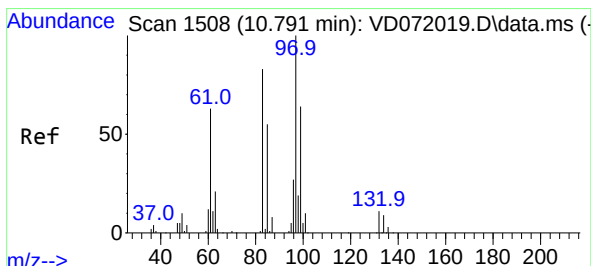
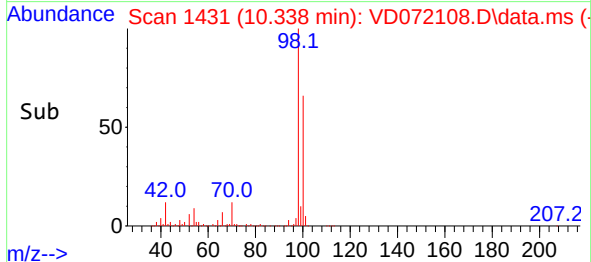
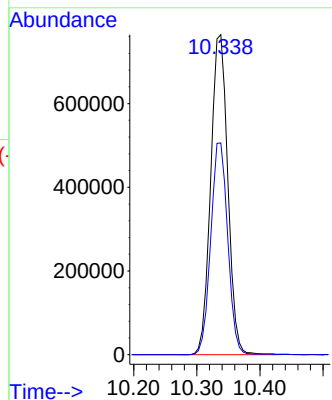
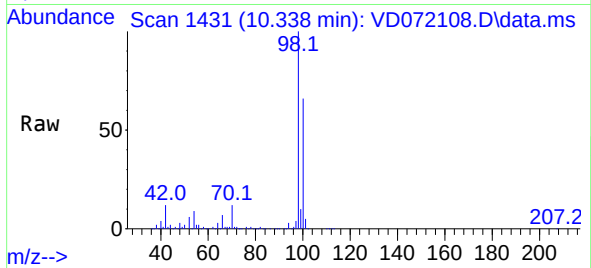




#50
Toluene-d8
Concen: 55.157 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

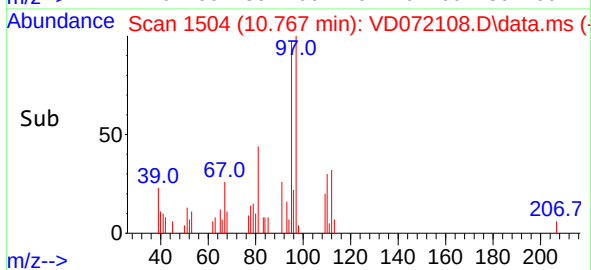
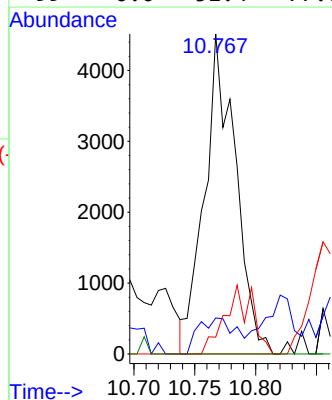
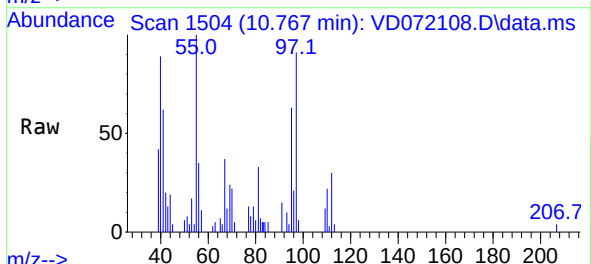
Instrument :
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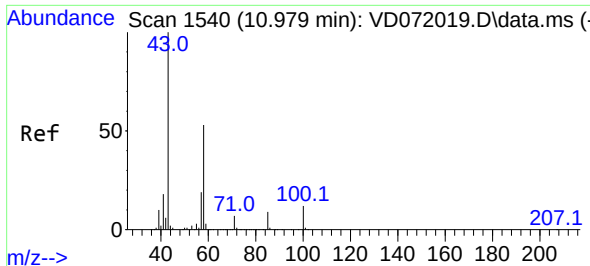
Tgt Ion: 98 Resp: 1436551
Ion Ratio Lower Upper
98 100
100 65.7 53.8 80.6



#55
1,1,2-Trichloroethane
Concen: 1.343 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.023 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

Tgt Ion: 97 Resp: 7987
Ion Ratio Lower Upper
97 100
83 11.3 66.2 99.4#
85 5.2 43.7 65.5#
99 0.0 51.4 77.0#

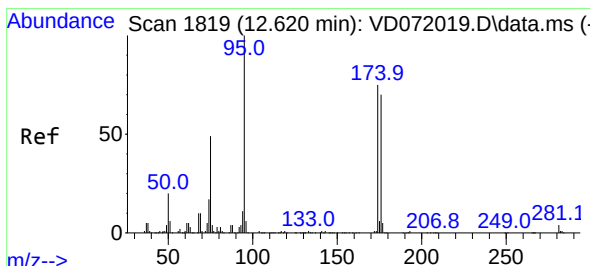
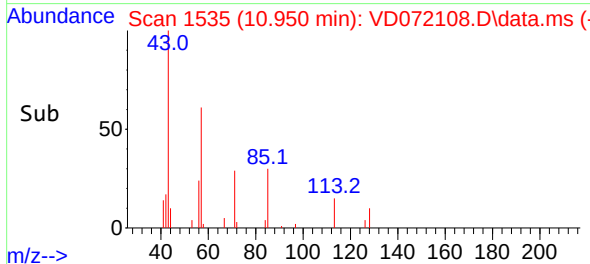
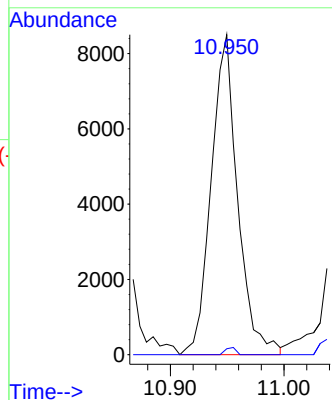
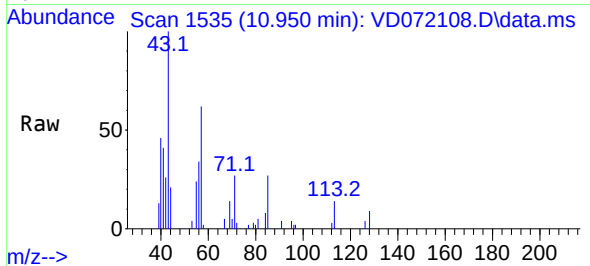




#59
2-Hexanone
Concen: 4.145 ug/l
RT: 10.950 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

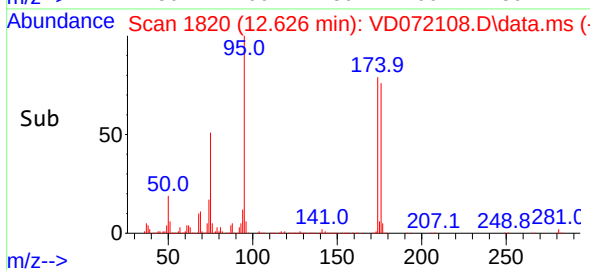
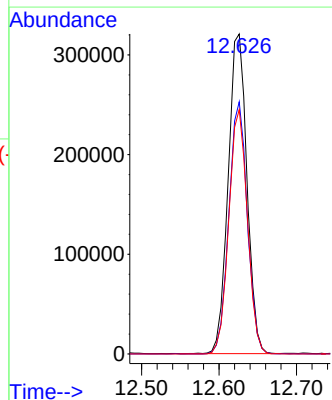
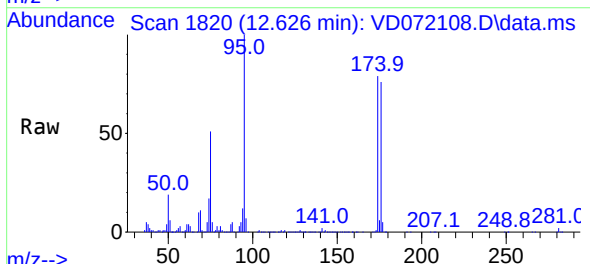
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

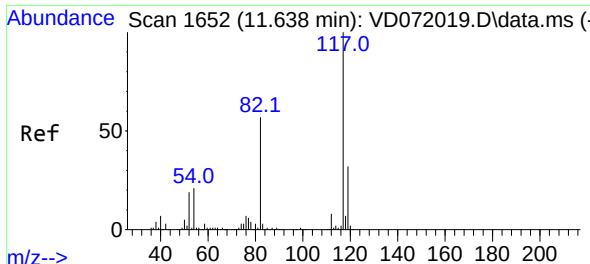
Tgt Ion: 43 Resp: 13765
Ion Ratio Lower Upper
43 100
58 0.9 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 56.561 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

Tgt Ion: 95 Resp: 541116
Ion Ratio Lower Upper
95 100
174 77.6 0.0 155.0
176 75.4 0.0 148.8

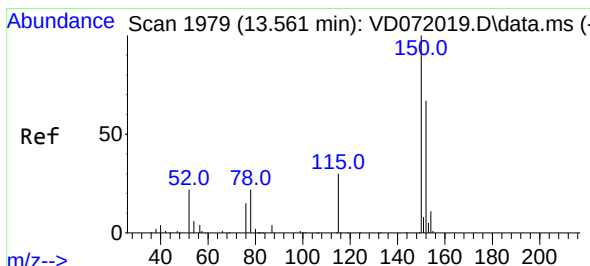
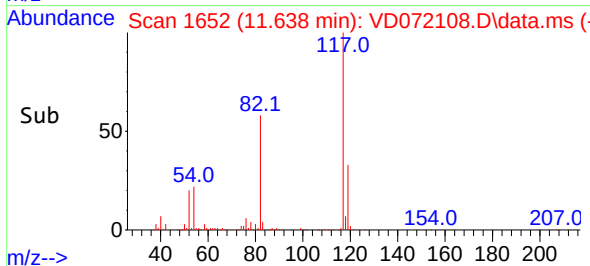
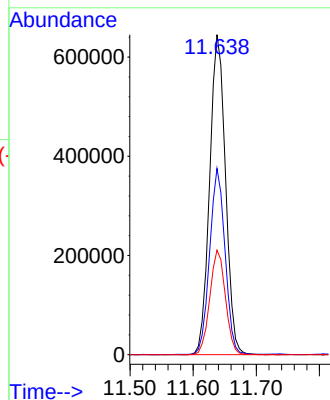
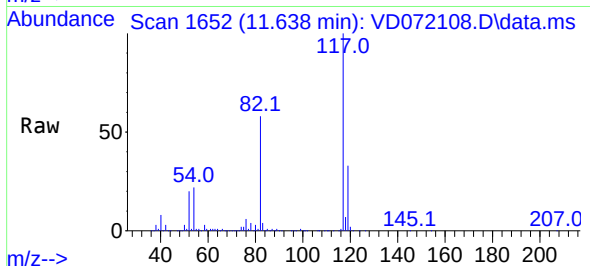




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

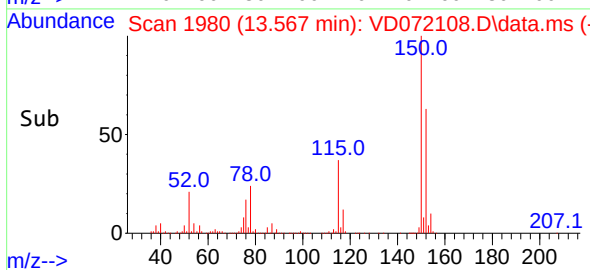
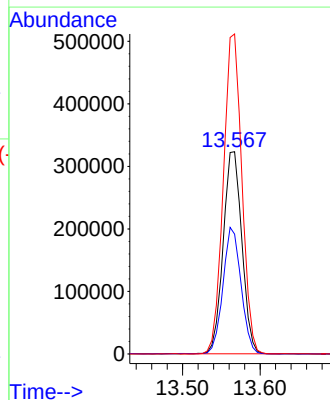
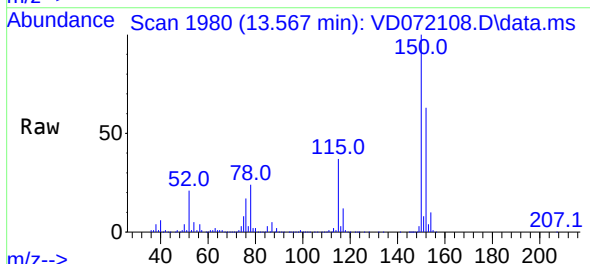
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

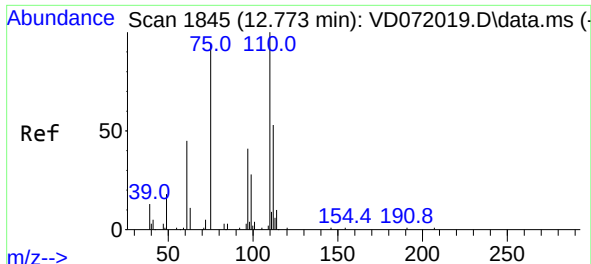
Tgt Ion:117 Resp: 1123136
Ion Ratio Lower Upper
117 100
82 58.1 45.4 68.0
119 32.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

Tgt Ion:152 Resp: 542552
Ion Ratio Lower Upper
152 100
115 60.6 29.9 89.7
150 156.5 0.0 347.6

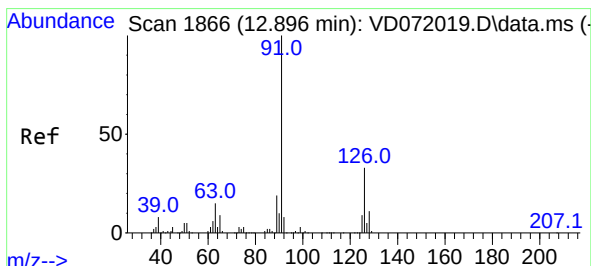
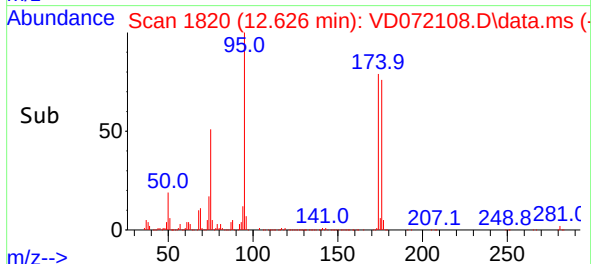
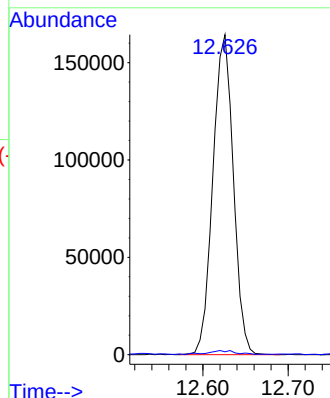
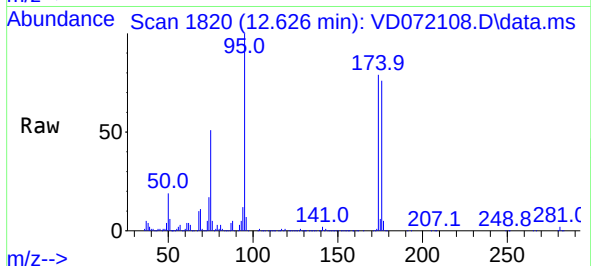




#76
1,2,3-Trichloropropane
Concen: 53.242 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

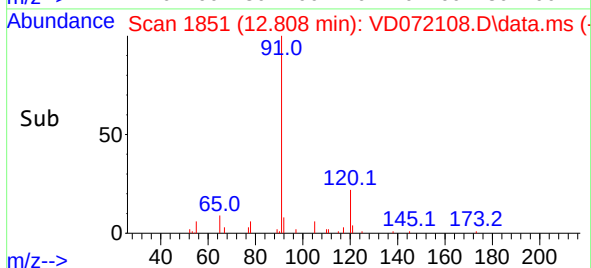
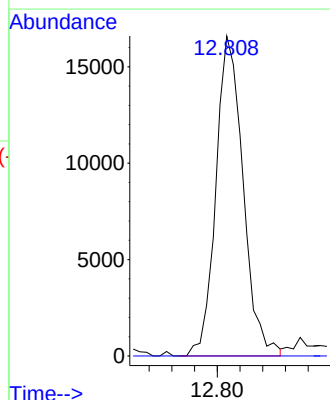
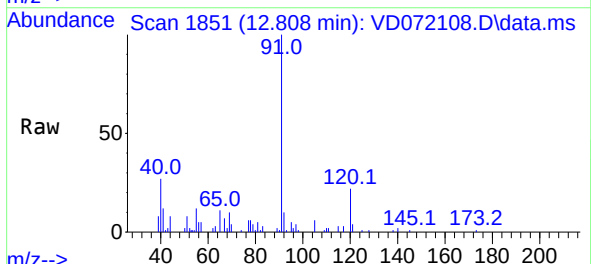
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

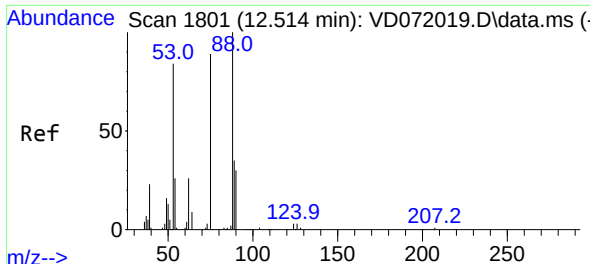
Tgt Ion: 75 Resp: 273621
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#79
2-Chlorotoluene
Concen: 1.041 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.088 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

Tgt Ion: 91 Resp: 27584
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.4#

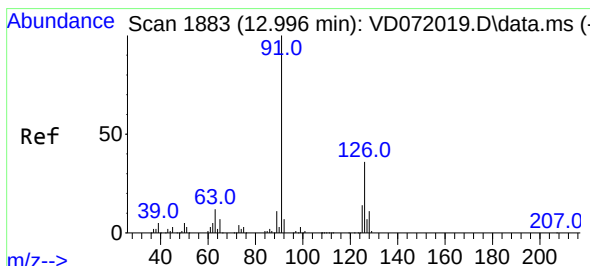
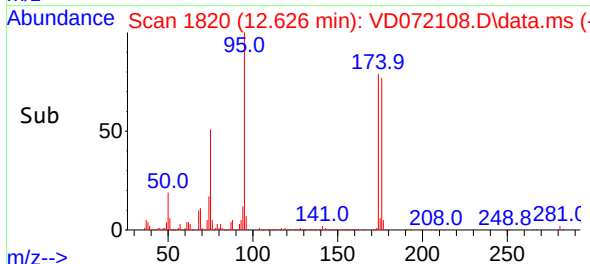
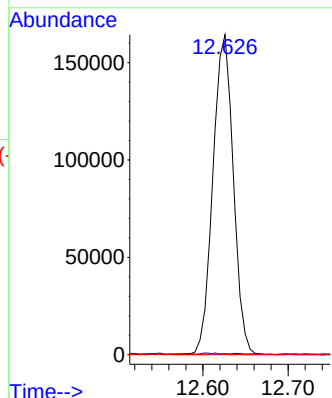
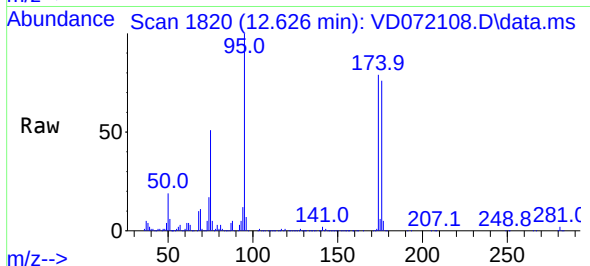




#81
trans-1,4-Dichloro-2-butene
Concen: 133.330 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 273621
Ion Ratio Lower Upper
75 100
53 0.4 80.2 120.4#
89 0.0 36.4 54.6#



#82
4-Chlorotoluene
Concen: 1.000 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.188 min
Lab File: VD072108.D
Acq: 25 Feb 2022 18:55

Tgt Ion: 91 Resp: 27584
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#

