

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072059.D
 Acq On : 22 Feb 2022 16:04
 Operator : VA/SY
 Sample : N1626-09RE
 Misc : 4.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 23 05:31:21 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)

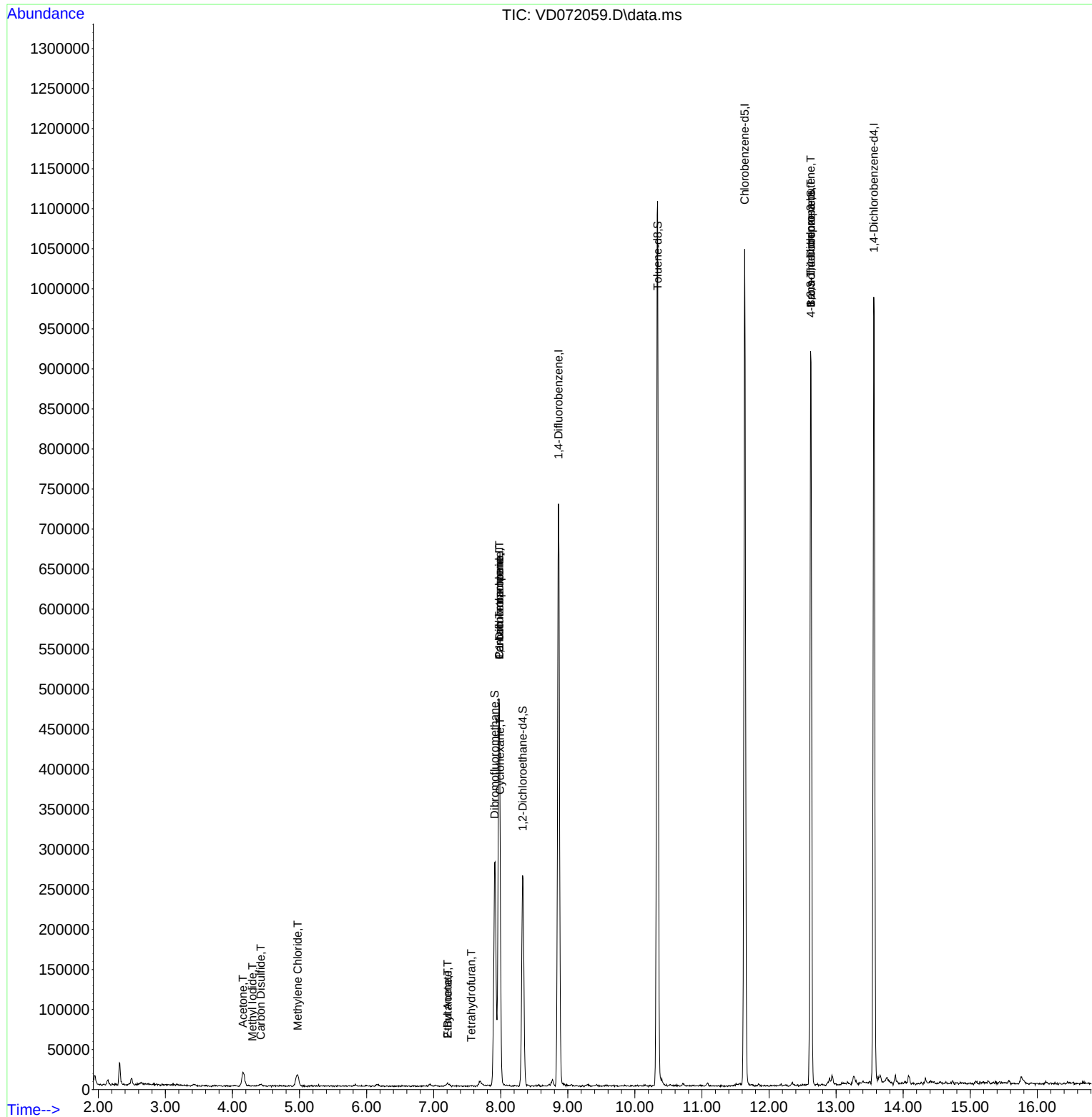
Internal Standards						
1) Pentafluorobenzene	7.979	168	358585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	623523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	605095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	266265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	215387	57.906	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.820%			
35) Dibromofluoromethane	7.909	113	205688	54.447	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.900%			
50) Toluene-d8	10.338	98	749093	53.471	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.940%			
62) 4-Bromofluorobenzene	12.626	95	273956	53.236	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.480%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	306	Below Cal	#	73
10) Methyl Iodide	4.297	142	641	3.072	ug/l #	52
16) Acetone	4.156	43	32760	40.753	ug/l	98
17) Carbon Disulfide	4.420	76	3825	1.075	ug/l #	80
18) Methyl Acetate	4.720	43	129	Below Cal	#	52
20) Methylene Chloride	4.973	84	11358	2.839	ug/l #	81
25) 2-Butanone	7.209	43	4951	4.456	ug/l	91
29) Tetrahydrofuran	7.561	42	848	1.196	ug/l #	49
31) Cyclohexane	7.991	56	8159	1.242	ug/l #	63
36) 1,1-Dichloropropene	7.979	75	29107	5.086	ug/l #	49
37) Ethyl Acetate	7.209	43	4951	1.866	ug/l #	73
38) Carbon Tetrachloride	7.979	117	36923	6.295	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	144501	57.293	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	144501	143.475	ug/l #	10

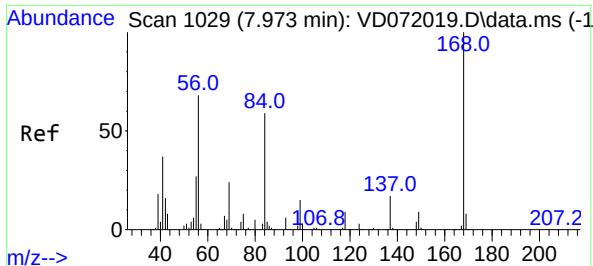
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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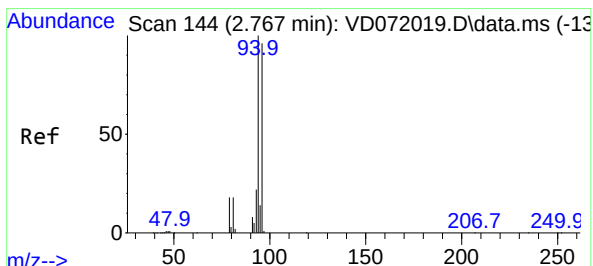
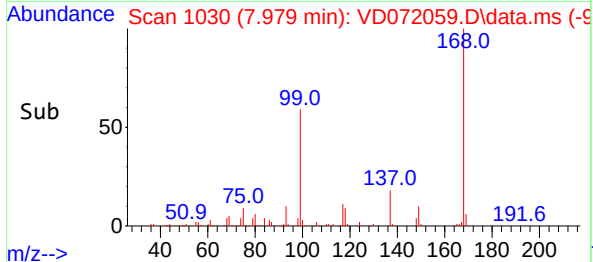
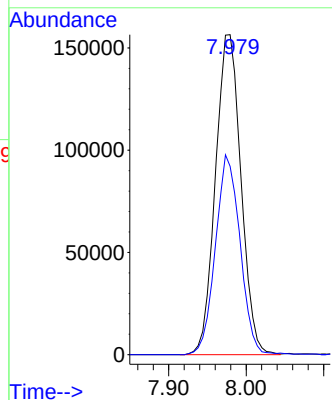
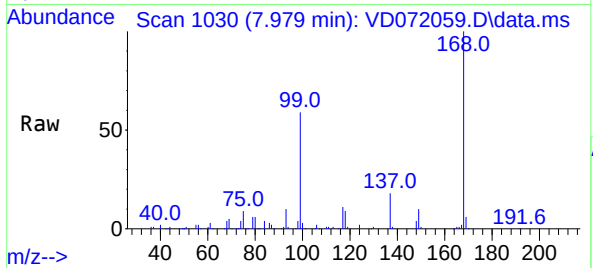




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

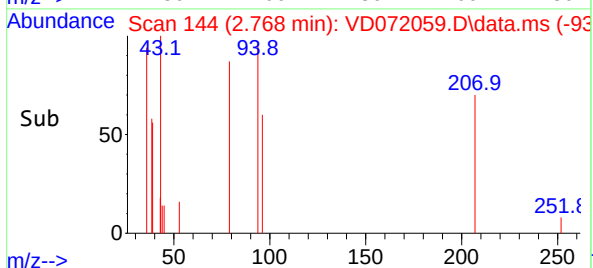
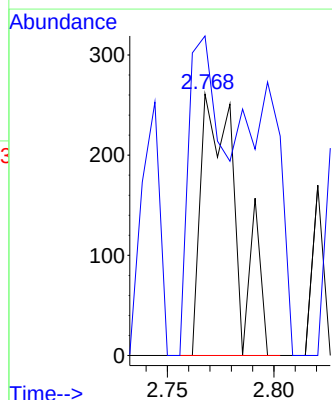
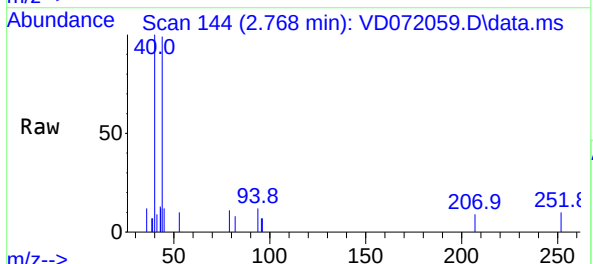
Instrument :
MSVOA_D
ClientSampleId :

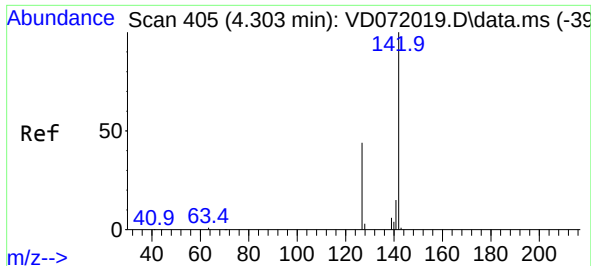
Tgt Ion:168 Resp: 358585
Ion Ratio Lower Upper
168 100
99 58.9 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. 0.001 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

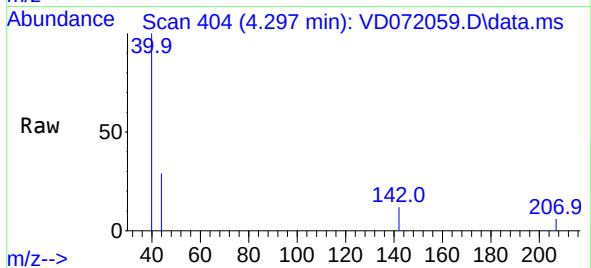
Tgt Ion: 94 Resp: 306
Ion Ratio Lower Upper
94 100
96 122.2 76.8 115.2#



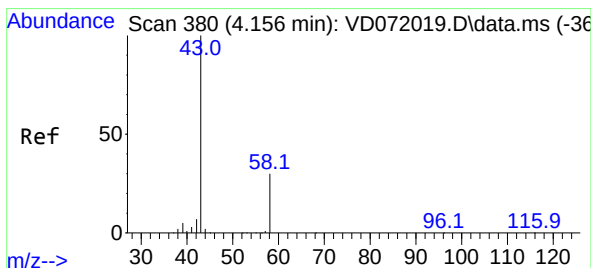
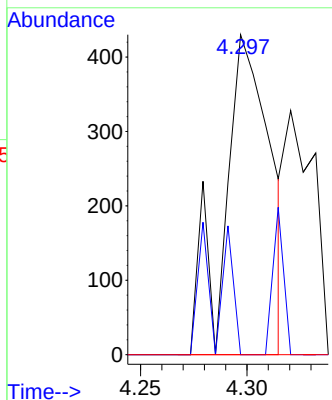
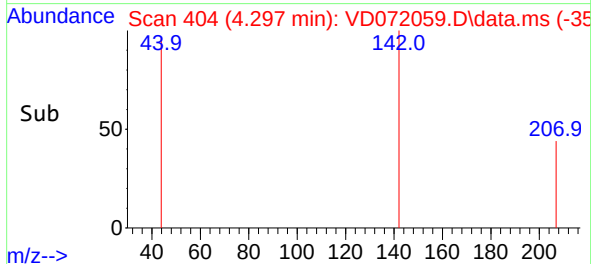


#10
Methyl Iodide
Concen: 3.072 ug/l
RT: 4.297 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

Instrument :
MSVOA_D
ClientSampleId :

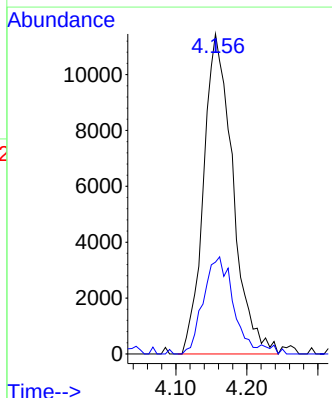
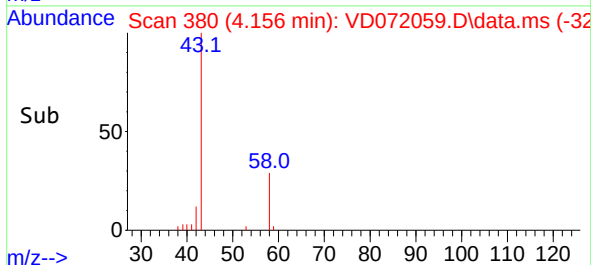
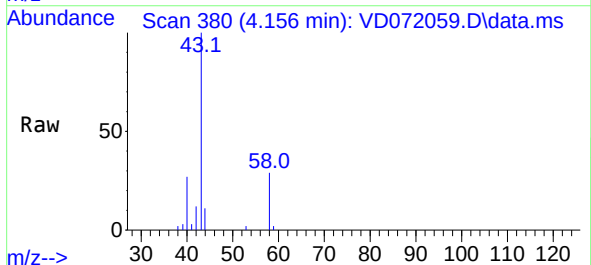


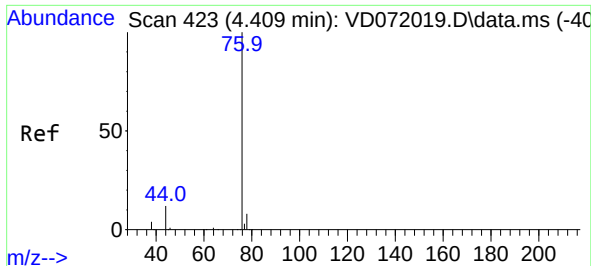
Tgt Ion:142 Resp: 641
Ion Ratio Lower Upper
142 100
127 10.9 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 40.753 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

Tgt Ion: 43 Resp: 32760
Ion Ratio Lower Upper
43 100
58 28.7 23.8 35.6

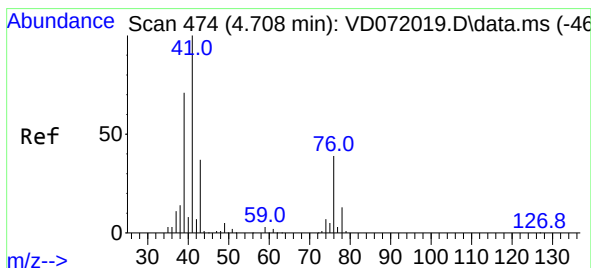
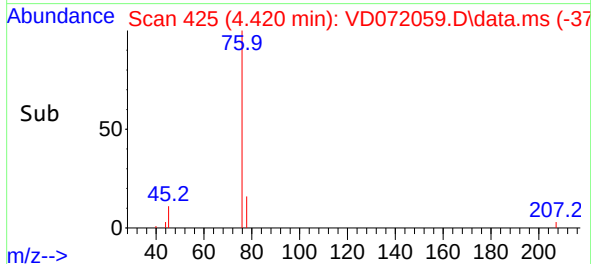
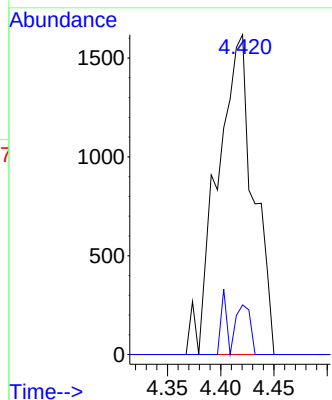
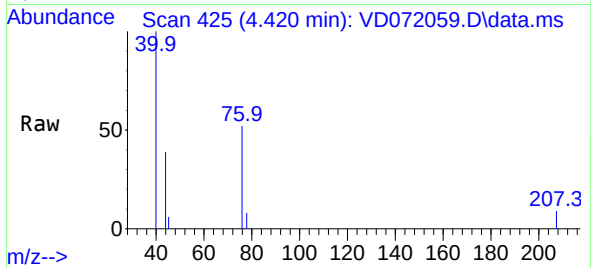




#17
Carbon Disulfide
Concen: 1.075 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

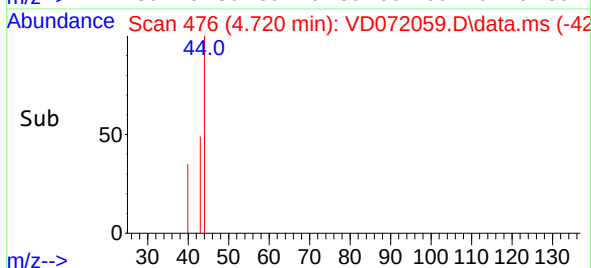
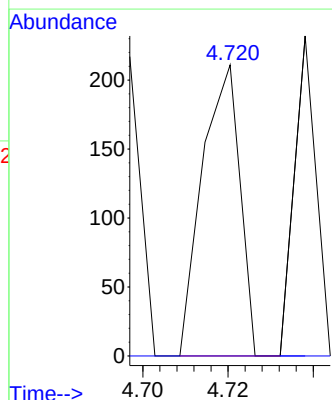
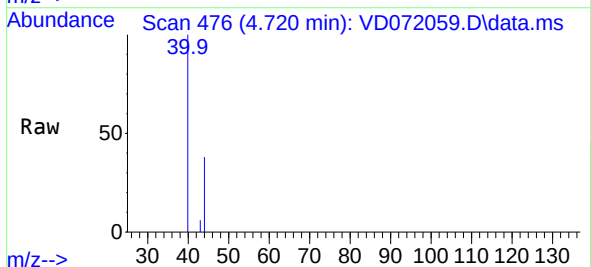
Instrument :
MSVOA_D
ClientSampleId :

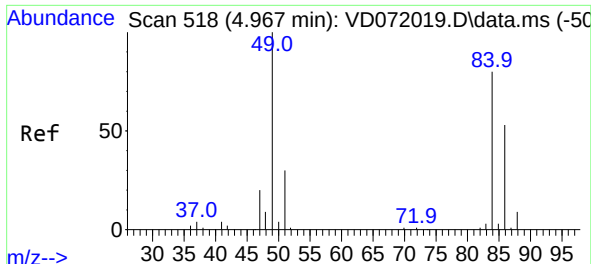
Tgt Ion: 76 Resp: 3825
Ion Ratio Lower Upper
76 100
78 15.5 6.7 10.1#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 476
Delta R.T. 0.012 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

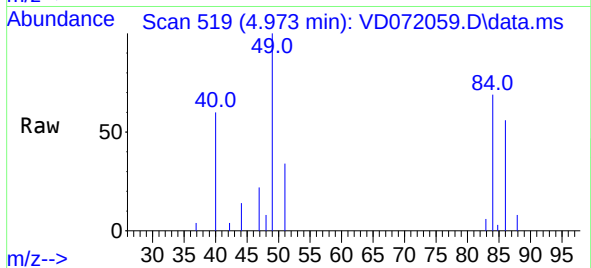
Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



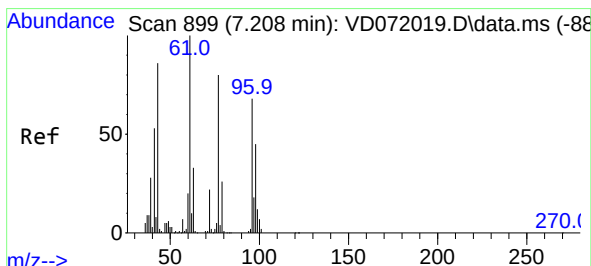
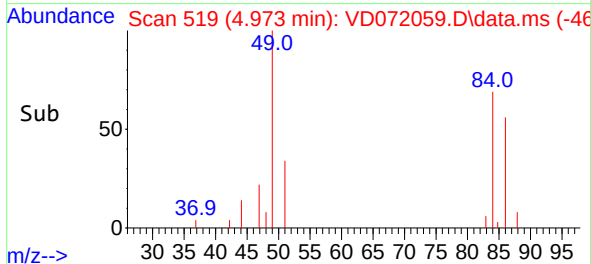
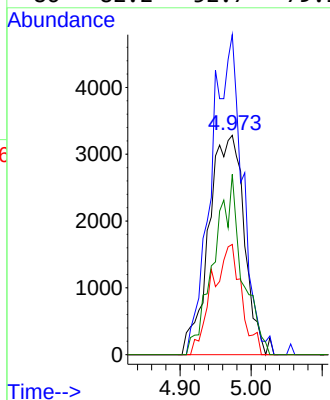


#20
Methylene Chloride
Concen: 2.839 ug/l
RT: 4.973 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

Instrument :
MSVOA_D
ClientSampleId :

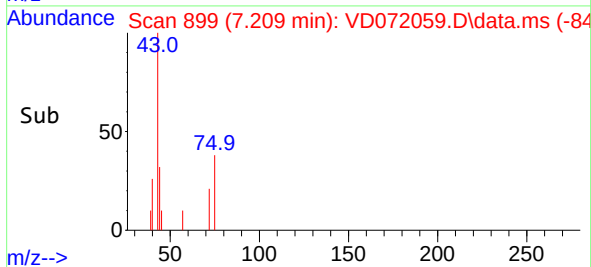
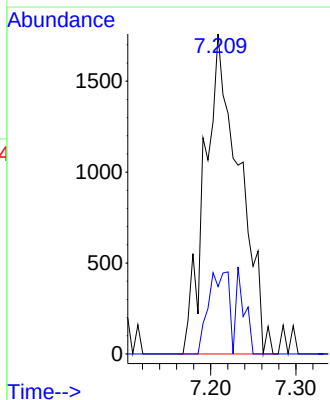
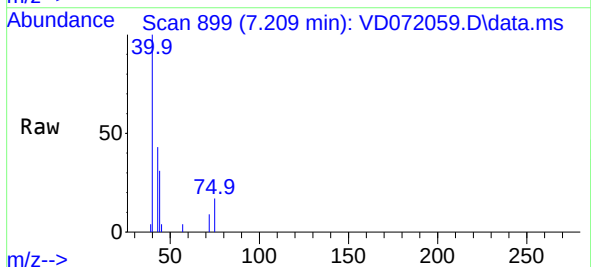


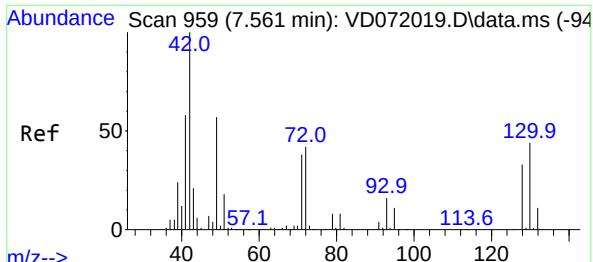
Tgt Ion: 84 Resp: 11358
Ion Ratio Lower Upper
84 100
49 145.9 100.0 150.0
51 50.3 30.2 45.4#
86 82.2 52.7 79.1#



#25
2-Butanone
Concen: 4.456 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

Tgt Ion: 43 Resp: 4951
Ion Ratio Lower Upper
43 100
72 21.0 20.3 30.5





#29

Tetrahydrofuran

Concen: 1.196 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

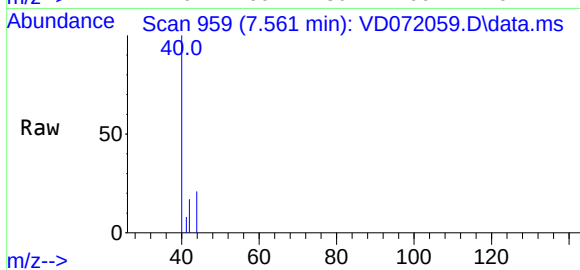
Lab File: VD072059.D

Acq: 22 Feb 2022 16:04

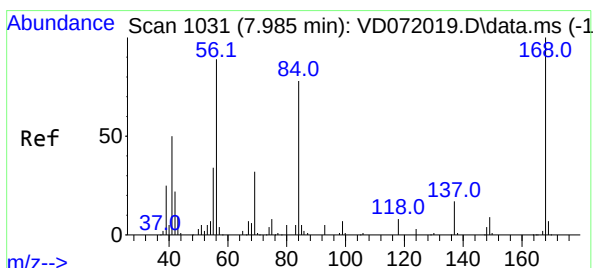
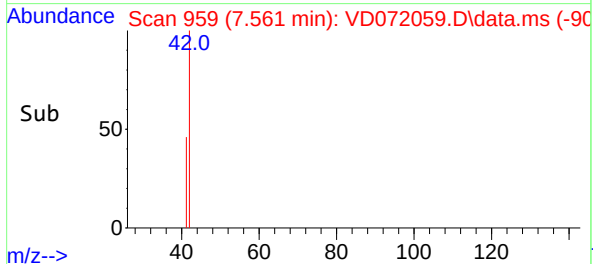
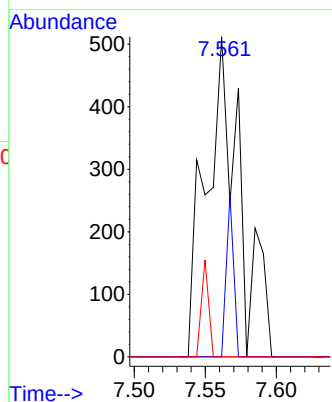
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	848
Ion	Ratio	Lower	Upper
42	100		
72	10.7	33.6	50.4#
71	6.5	31.0	46.4#



#31

Cyclohexane

Concen: 1.242 ug/l

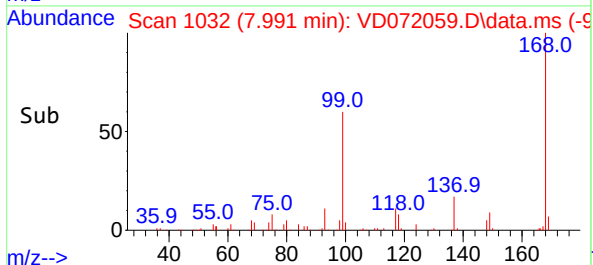
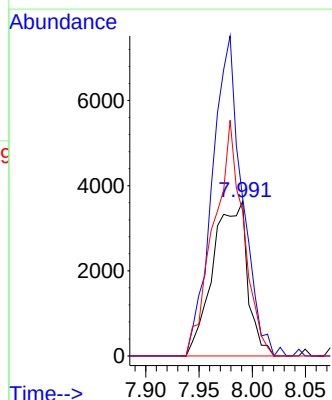
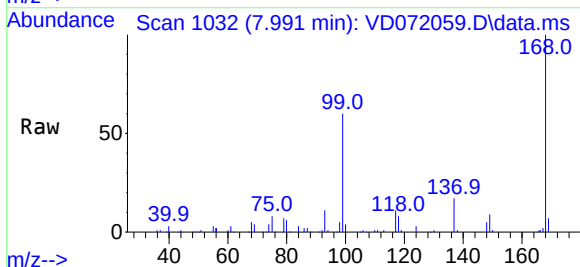
RT: 7.991 min Scan# 1032

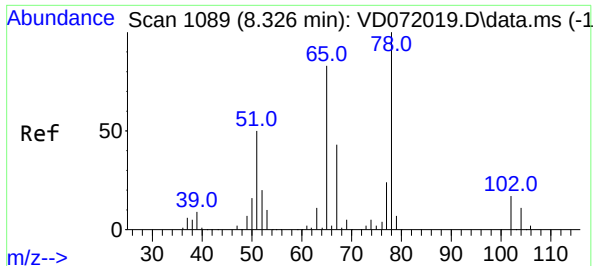
Delta R.T. 0.006 min

Lab File: VD072059.D

Acq: 22 Feb 2022 16:04

Tgt Ion:	56	Resp:	8159
Ion	Ratio	Lower	Upper
56	100		
69	102.6	28.9	43.3#
84	94.1	70.6	105.8





#33

1,2-Dichloroethane-d4

Concen: 57.906 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072059.D

Acq: 22 Feb 2022 16:04

Instrument :

MSVOA_D

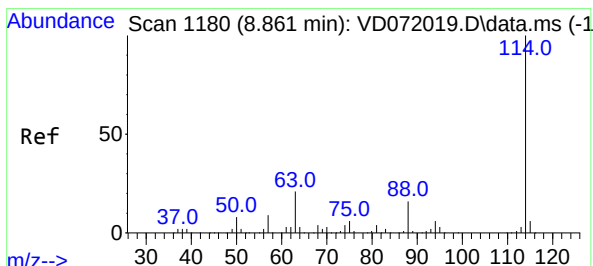
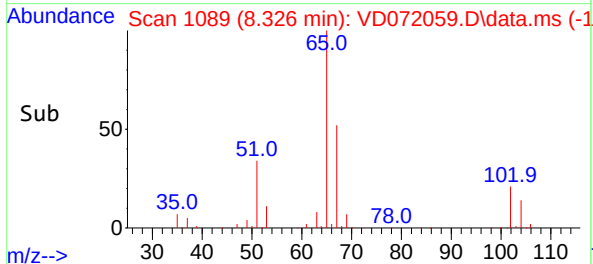
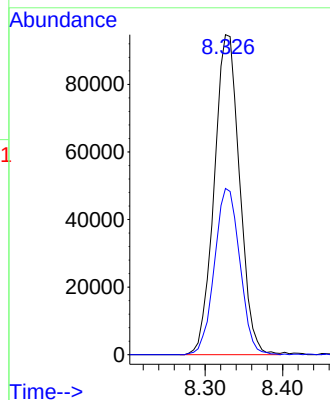
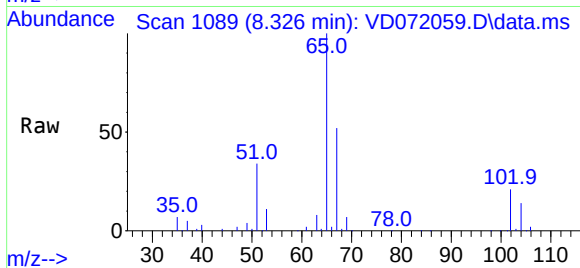
ClientSampleId :

Tgt Ion: 65 Resp: 215387

Ion Ratio Lower Upper

65 100

67 52.0 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: VD072059.D

Acq: 22 Feb 2022 16:04

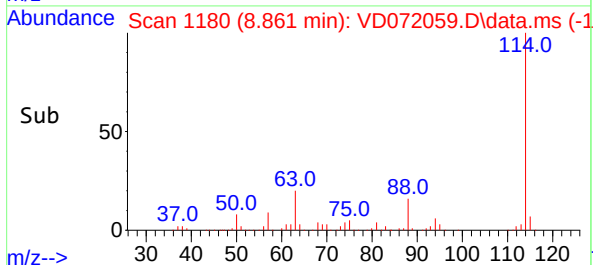
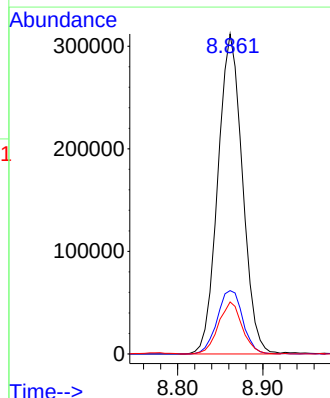
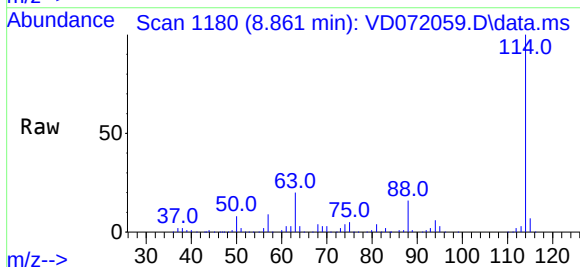
Tgt Ion: 114 Resp: 623523

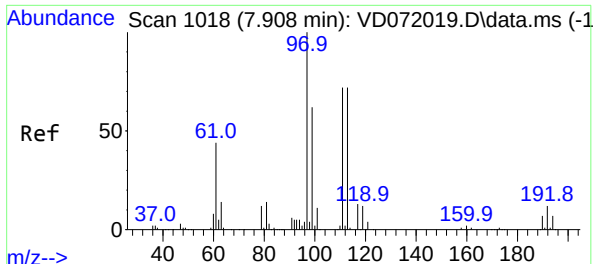
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.2

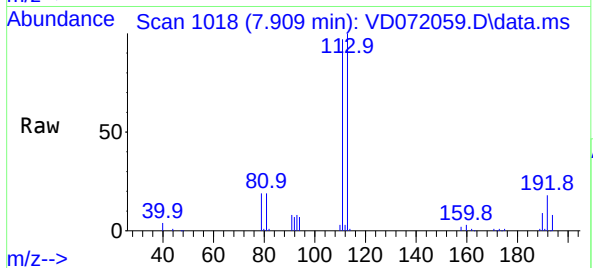
88 16.3 0.0 31.2



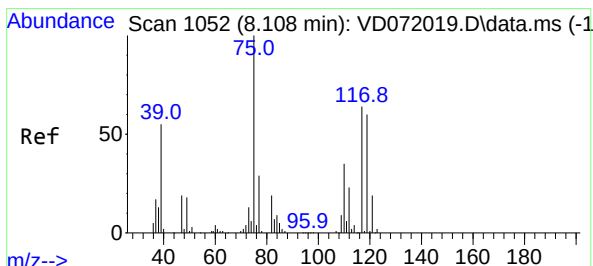
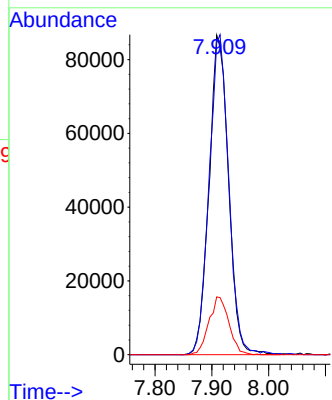
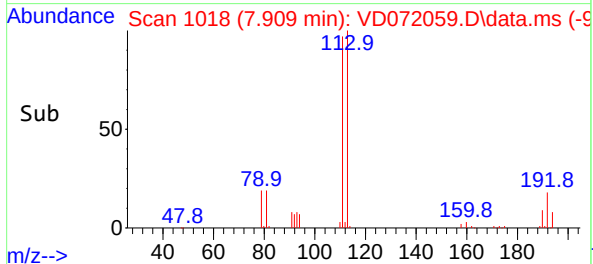


#35
Dibromofluoromethane
Concen: 54.447 ug/l
RT: 7.909 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

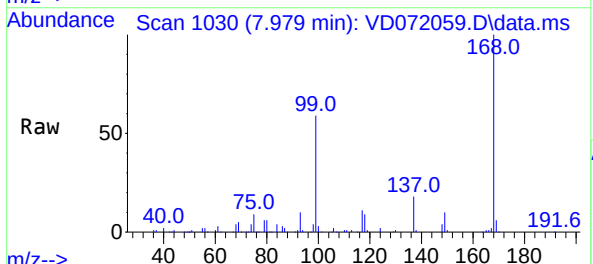
Instrument :
MSVOA_D
ClientSampleId :



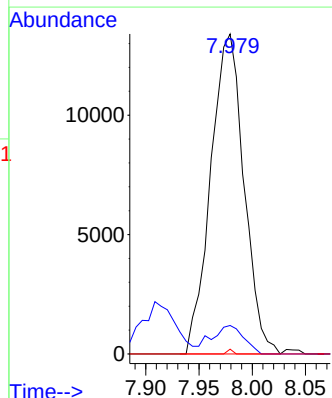
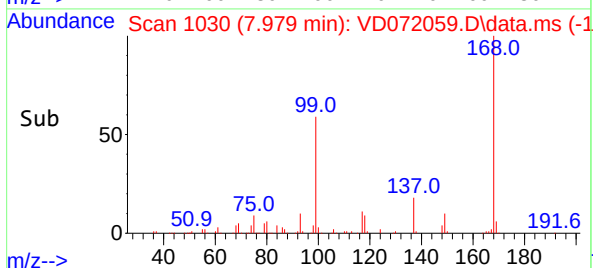
Tgt Ion:113 Resp: 205688
Ion Ratio Lower Upper
113 100
111 100.3 83.0 124.4
192 18.5 15.3 22.9

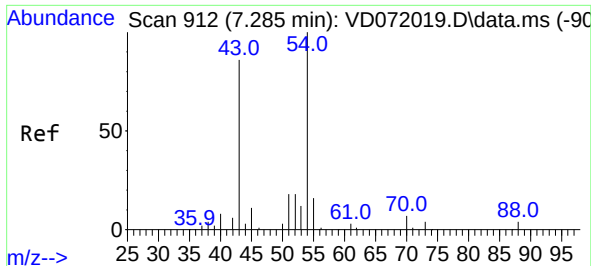


#36
1,1-Dichloropropene
Concen: 5.086 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04



Tgt Ion: 75 Resp: 29107
Ion Ratio Lower Upper
75 100
110 8.4 17.7 53.1#
77 0.2 24.8 37.2#





#37

Ethyl Acetate

Concen: 1.866 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.076 min

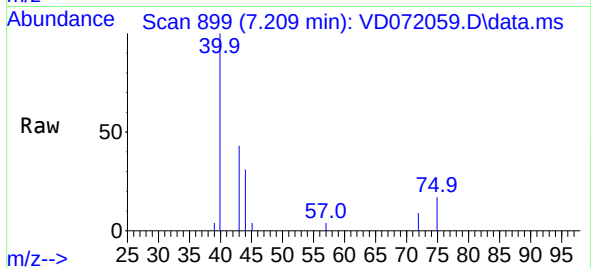
Lab File: VD072059.D

Acq: 22 Feb 2022 16:04

Instrument :

MSVOA_D

ClientSampleId :



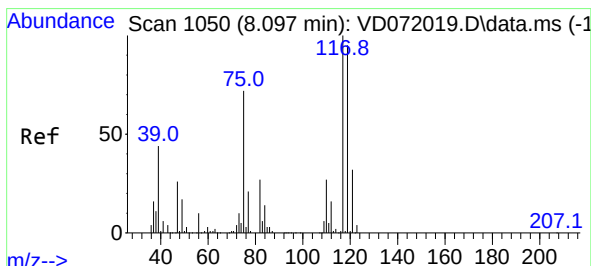
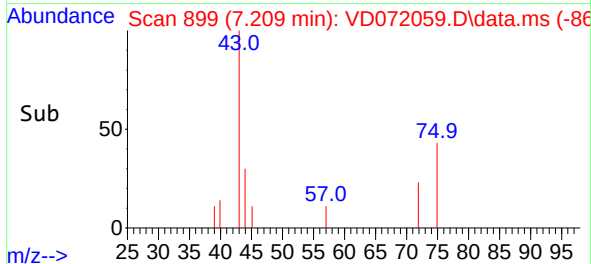
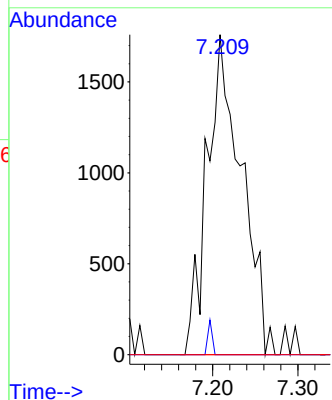
Tgt Ion: 43 Resp: 4951

Ion Ratio Lower Upper

43 100

61 1.4 9.8 14.8#

70 0.0 7.4 11.2#



#38

Carbon Tetrachloride

Concen: 6.295 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.117 min

Lab File: VD072059.D

Acq: 22 Feb 2022 16:04

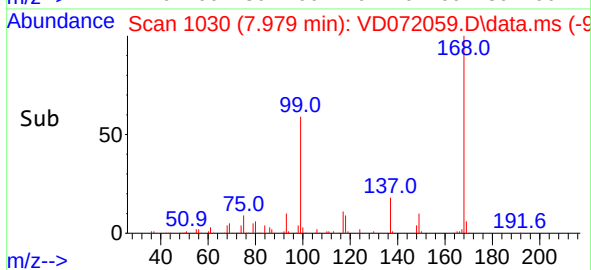
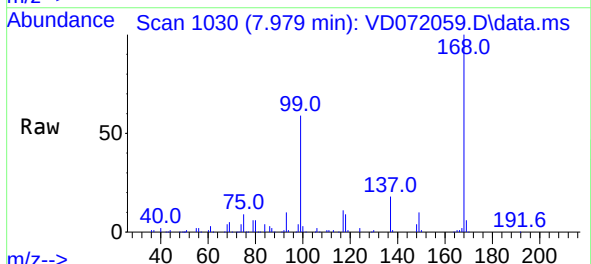
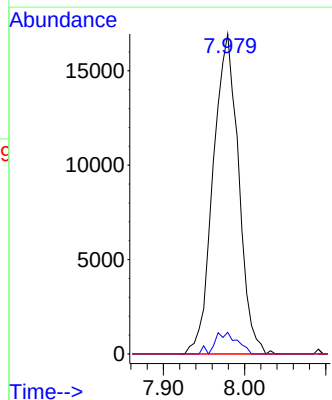
Tgt Ion: 117 Resp: 36923

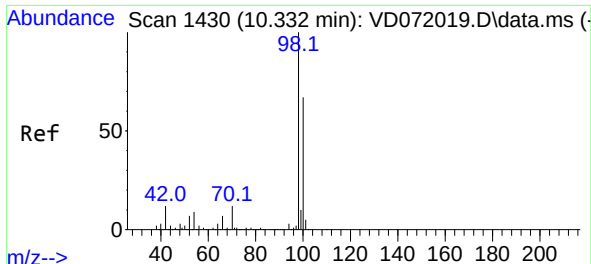
Ion Ratio Lower Upper

117 100

119 6.7 75.8 113.8#

121 0.0 25.8 38.6#

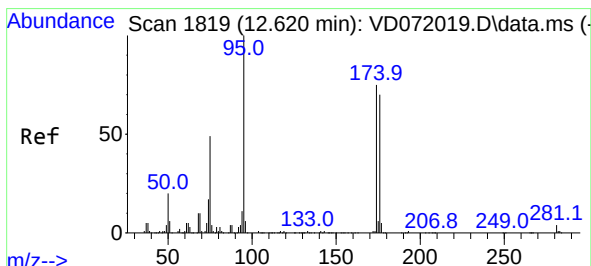
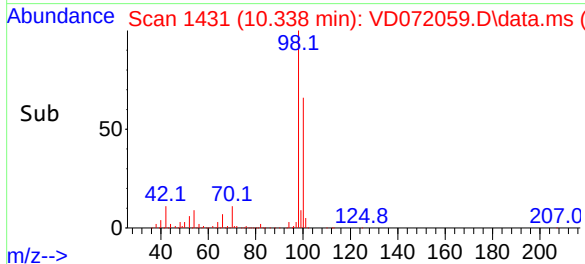
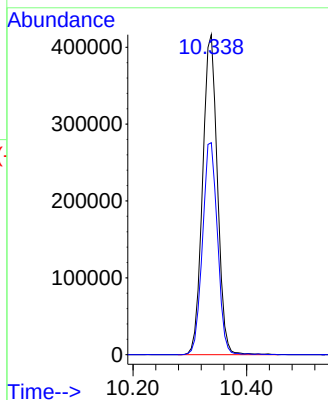
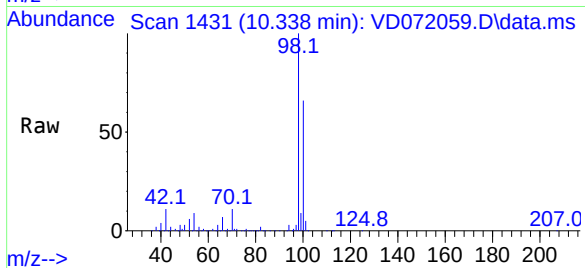




#50
Toluene-d8
Concen: 53.471 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

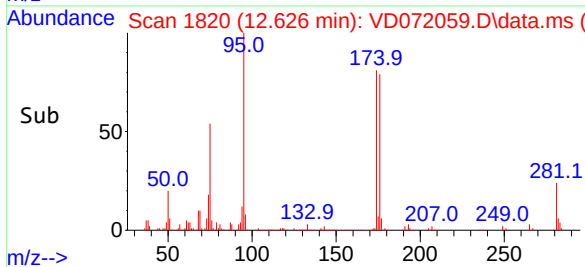
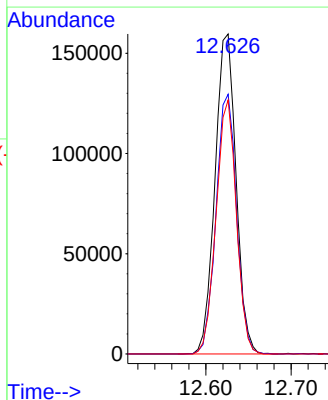
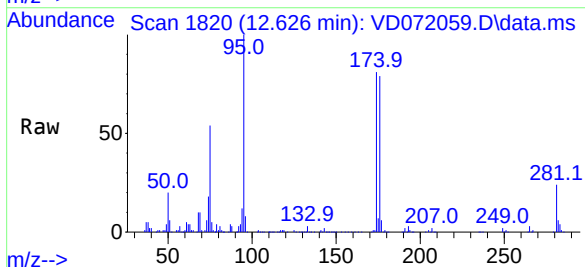
Instrument :
MSVOA_D
ClientSampleId :

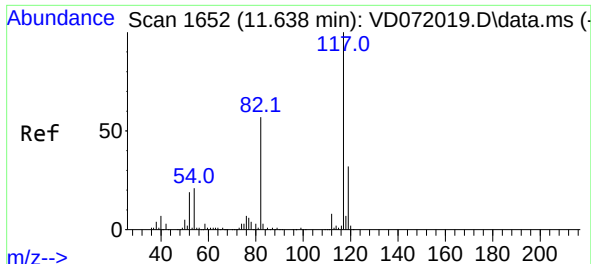
Tgt Ion: 98 Resp: 749093
Ion Ratio Lower Upper
98 100
100 67.0 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.236 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

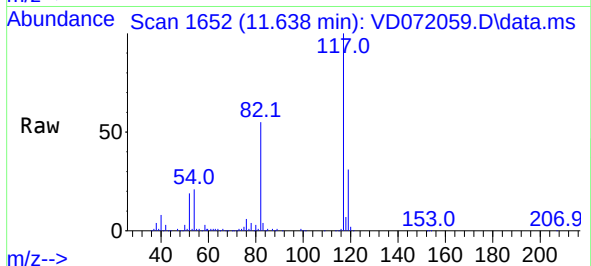
Tgt Ion: 95 Resp: 273956
Ion Ratio Lower Upper
95 100
174 79.3 0.0 155.0
176 76.4 0.0 148.8



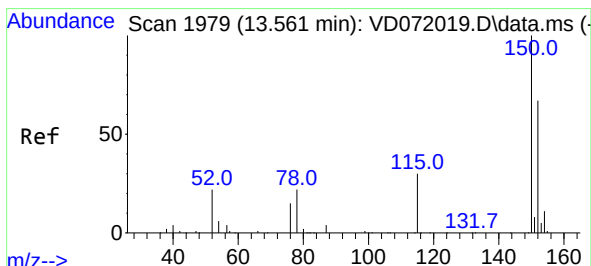
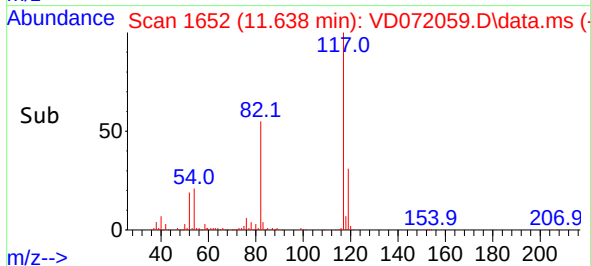
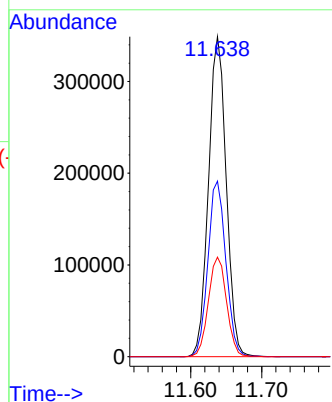


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

Instrument :
MSVOA_D
ClientSampleId :

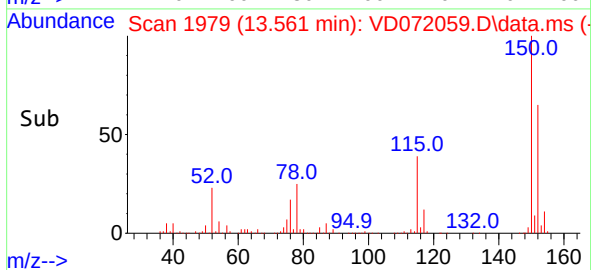
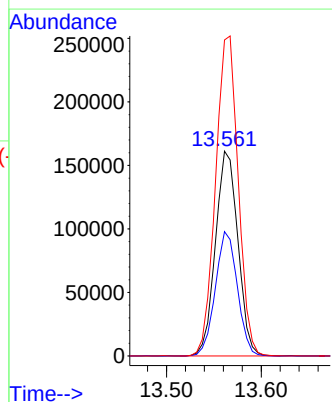
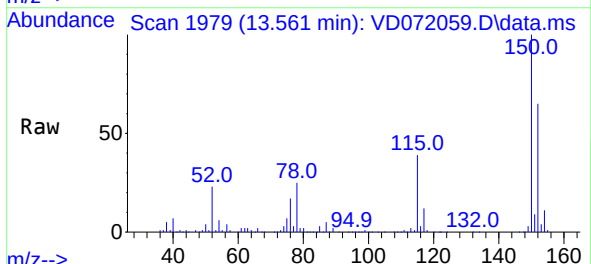


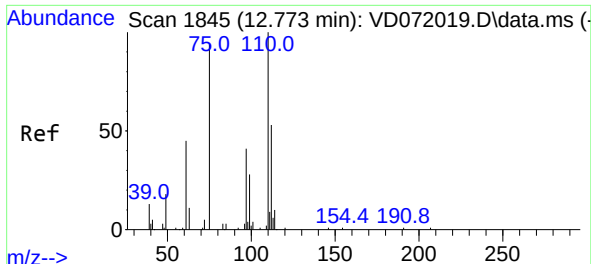
Tgt Ion:117 Resp: 605095
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.0
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

Tgt Ion:152 Resp: 266265
Ion Ratio Lower Upper
152 100
115 59.5 29.9 89.7
150 157.1 0.0 347.6

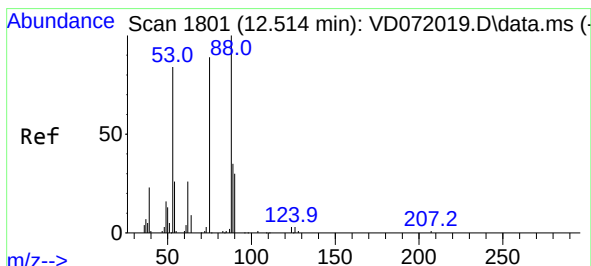
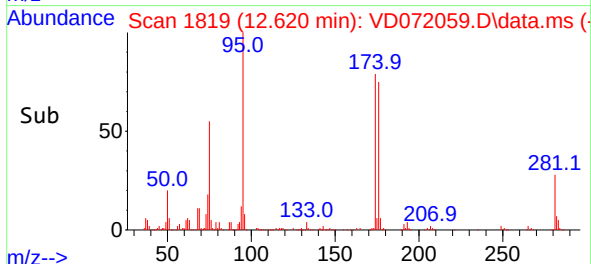
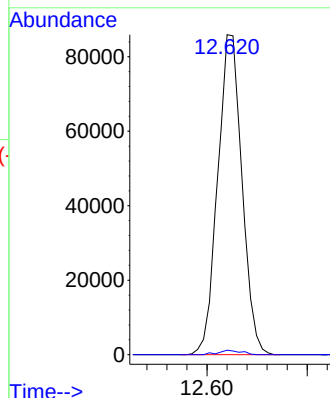
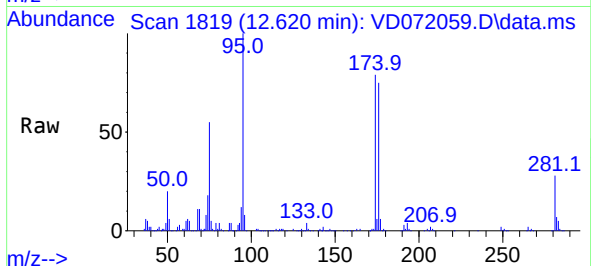




#76
1,2,3-Trichloropropane
Concen: 57.293 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 144501
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 143.475 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

Tgt Ion: 75 Resp: 144501
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.4 36.4 54.6#

