

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
 Data File : VD072856.D
 Acq On : 06 May 2022 17:26
 Operator : VA/SY
 Sample : N2665-10RE
 Misc : 5.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10,8

Quant Time: May 07 00:05:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

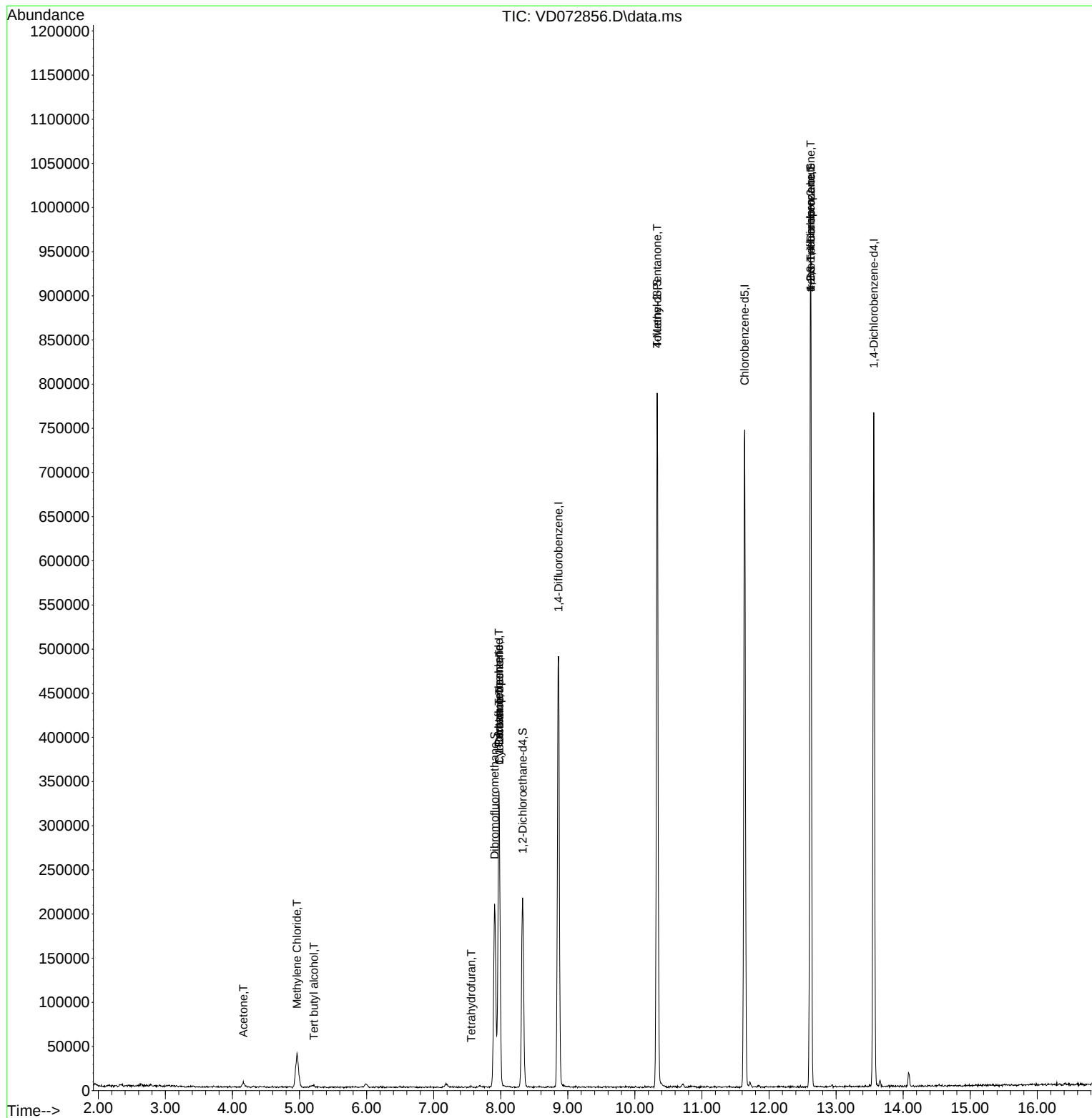
Internal Standards						
1) Pentafluorobenzene	7.973	168	232028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	411934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	428140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	197491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165631	54.992	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.980%			
35) Dibromofluoromethane	7.908	113	150134	51.895	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.780%			
50) Toluene-d8	10.332	98	515919	49.714	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.420%			
62) 4-Bromofluorobenzene	12.620	95	206387	53.336	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.680%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	935	Below Cal	#	33
11) Tert butyl alcohol	5.215	59	1597	6.128	ug/l #	74
16) Acetone	4.162	43	9596	3.262	ug/l	91
18) Methyl Acetate	4.750	43	61	Below Cal	#	55
20) Methylene Chloride	4.962	84	27395	1.500	ug/l	87
29) Tetrahydrofuran	7.561	42	695	1.242	ug/l #	53
31) Cyclohexane	7.979	56	5768	1.096	ug/l #	21
36) 1,1-Dichloropropene	7.979	75	21719	4.617	ug/l #	51
38) Carbon Tetrachloride	7.973	117	26332	5.392	ug/l #	18
51) 4-Methyl-2-Pentanone	10.332	43	2173	1.048	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	110388	50.127	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	110388	115.272	ug/l #	8

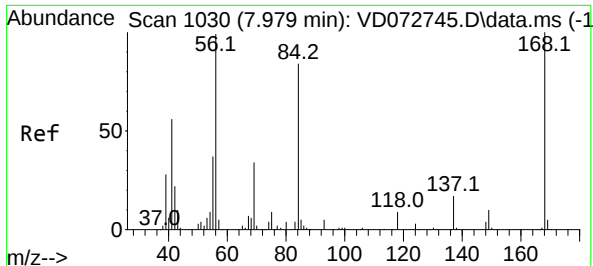
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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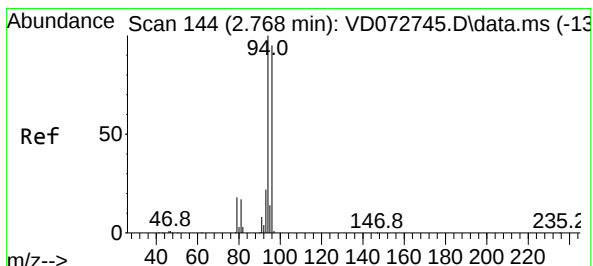
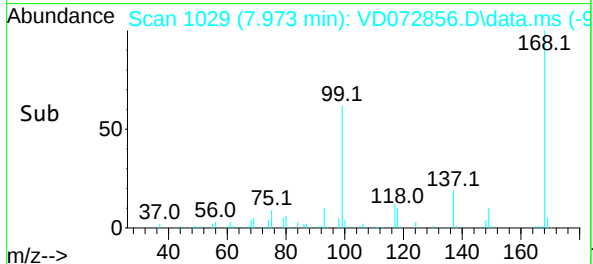
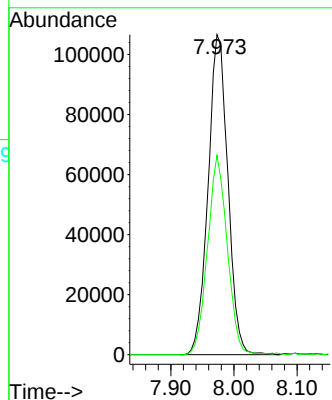
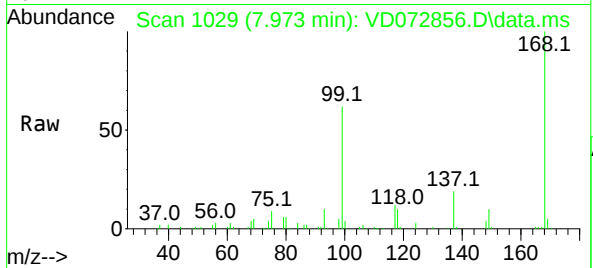




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072856.D
Acq: 06 May 2022 17:26

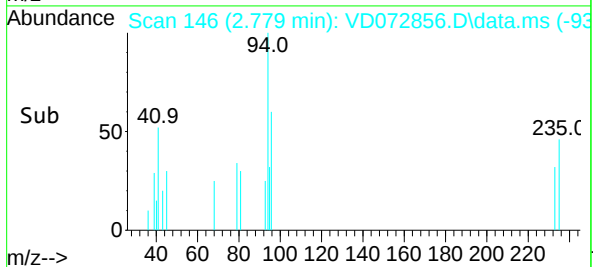
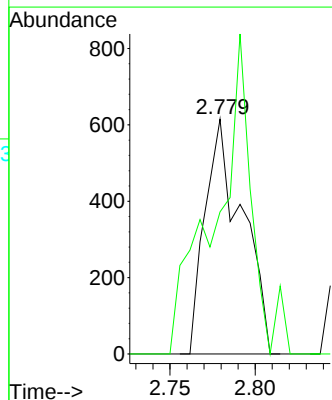
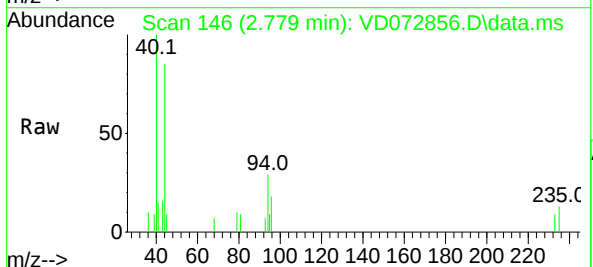
Instrument :
MSVOA_D
ClientSampleId :
SB-10.8

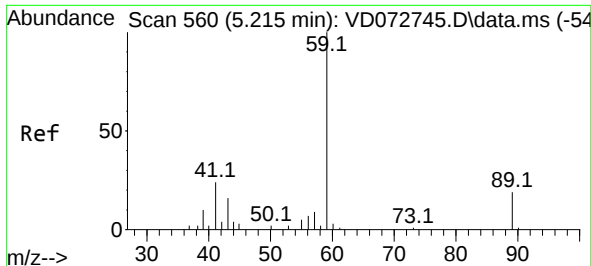
Tgt Ion:168 Resp: 232028
Ion Ratio Lower Upper
168 100
99 62.3 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072856.D
Acq: 06 May 2022 17:26

Tgt Ion: 94 Resp: 935
Ion Ratio Lower Upper
94 100
96 31.5 77.6 116.4#

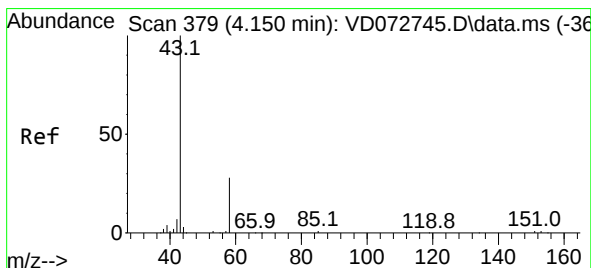
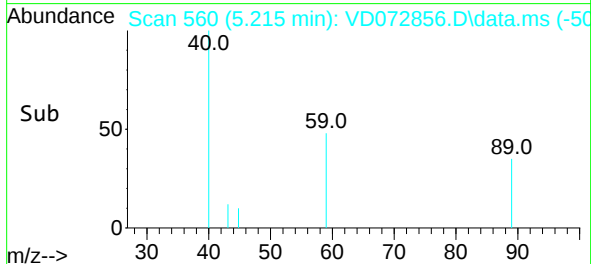
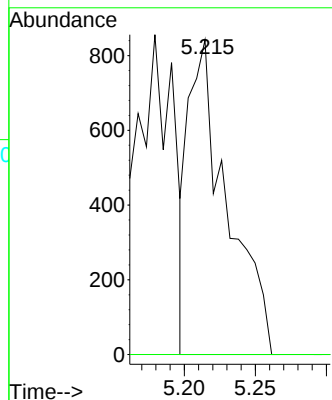
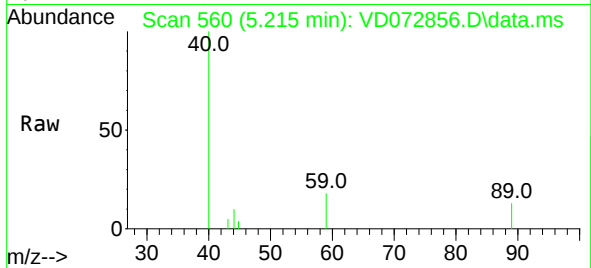




#11
Tert butyl alcohol
Concen: 6.128 ug/l
RT: 5.215 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD072856.D
Acq: 06 May 2022 17:26

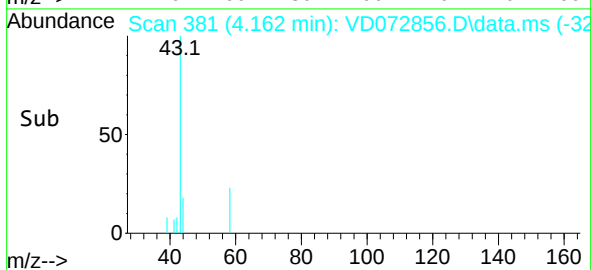
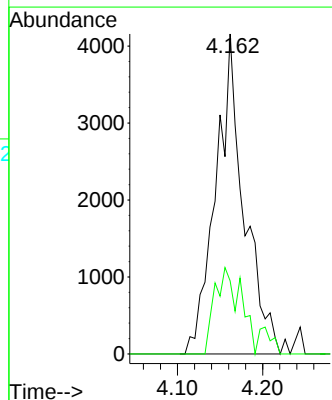
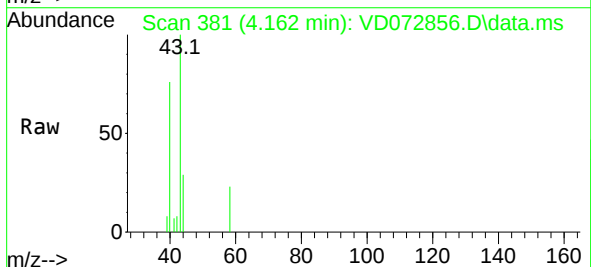
Instrument :
MSVOA_D
ClientSampleId :
SB-10,8

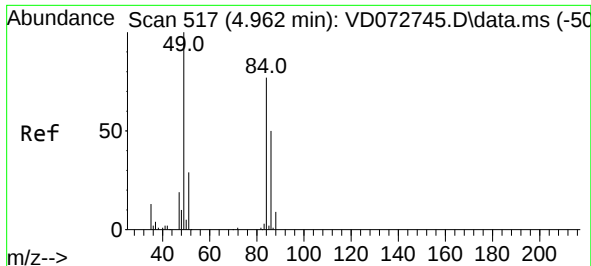
Tgt Ion: 59 Resp: 1597
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.262 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD072856.D
Acq: 06 May 2022 17:26

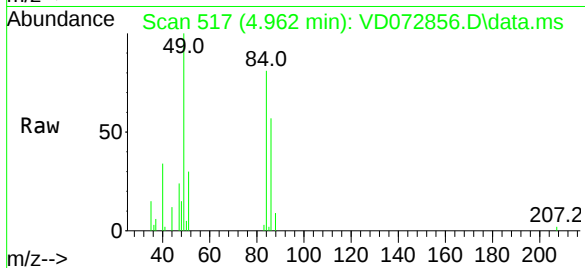
Tgt Ion: 43 Resp: 9596
Ion Ratio Lower Upper
43 100
58 22.9 22.1 33.1



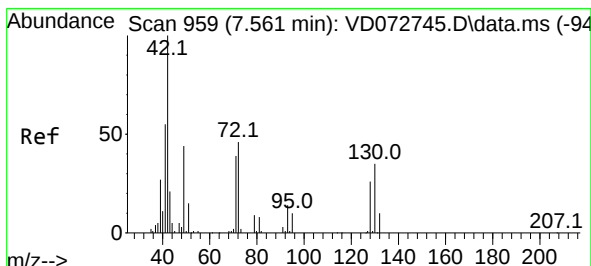
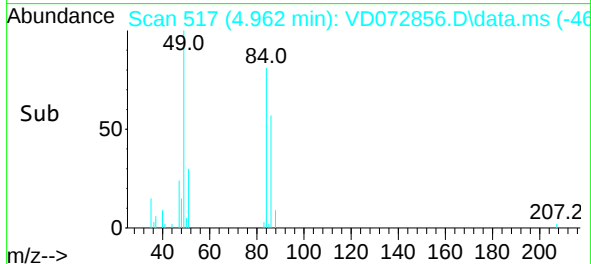
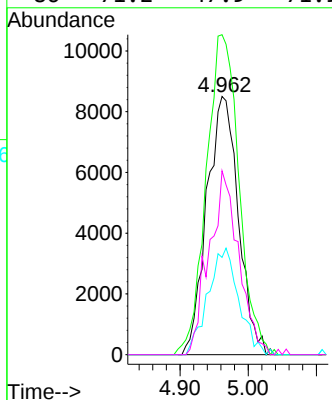


#20
Methylene Chloride
Concen: 1.500 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072856.D
Acq: 06 May 2022 17:26

Instrument :
MSVOA_D
ClientSampleId :
SB-10,8

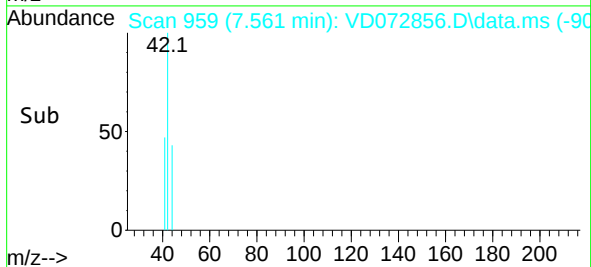
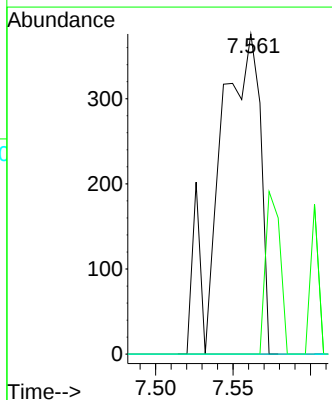
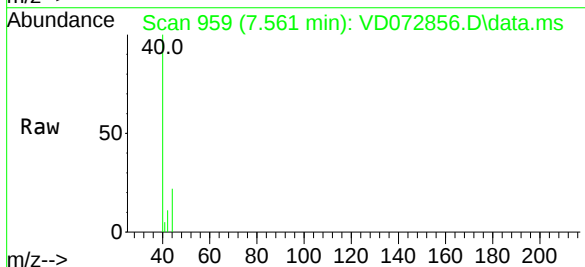


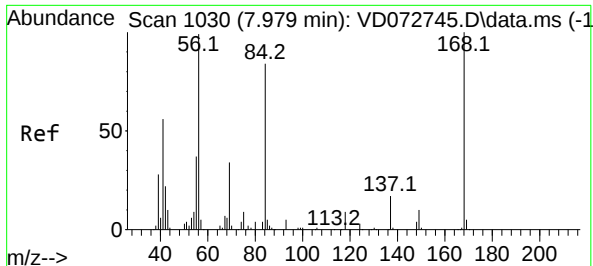
Tgt Ion:	84	Resp:	27395
Ion	Ratio	Lower	Upper
84	100		
49	123.9	112.8	169.2
51	37.7	32.6	48.8
86	71.2	47.9	71.9



#29
Tetrahydrofuran
Concen: 1.242 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD072856.D
Acq: 06 May 2022 17:26

Tgt Ion:	42	Resp:	695
Ion	Ratio	Lower	Upper
42	100		
72	17.8	30.7	46.1#
71	0.0	28.6	43.0#





#31

Cyclohexane

Concen: 1.096 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072856.D

Acq: 06 May 2022 17:26

Instrument :

MSVOA_D

ClientSampleId :

SB-10,8

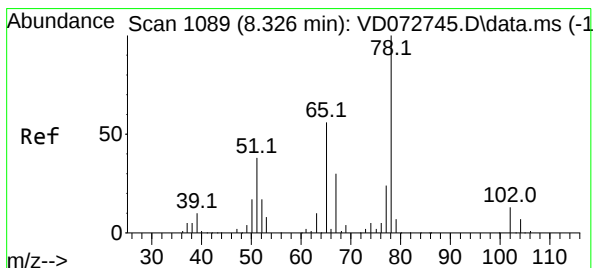
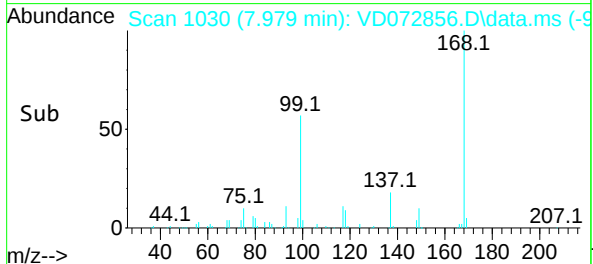
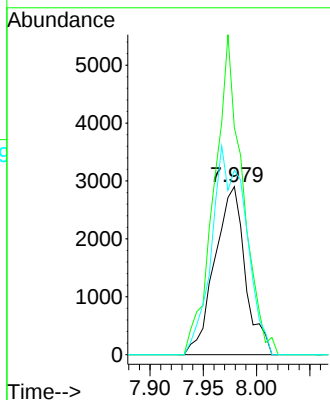
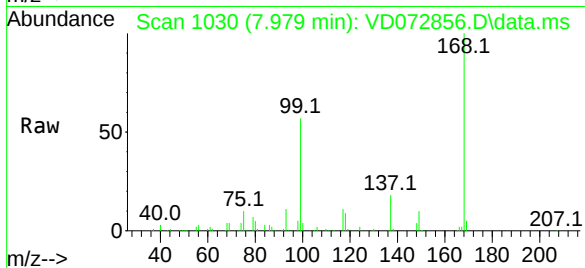
Tgt Ion: 56 Resp: 5768

Ion Ratio Lower Upper

56 100

69 135.1 25.4 38.2#

84 109.8 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 54.992 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072856.D

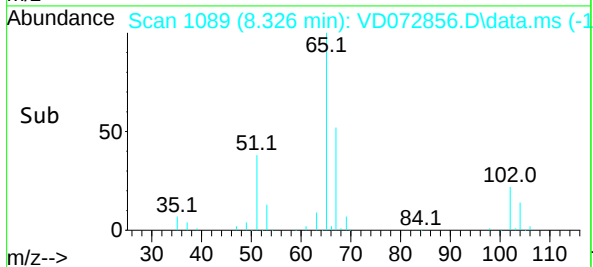
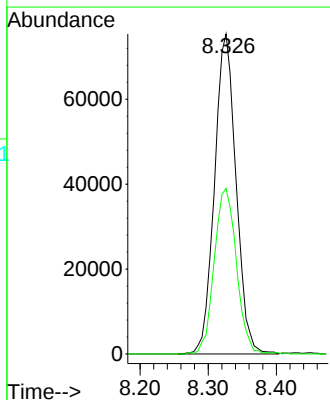
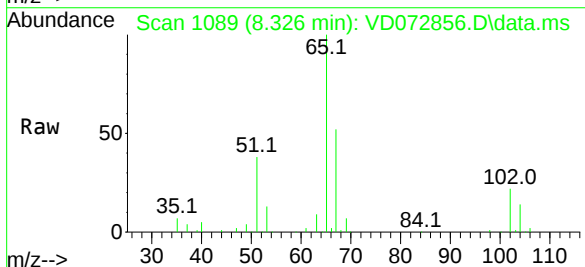
Acq: 06 May 2022 17:26

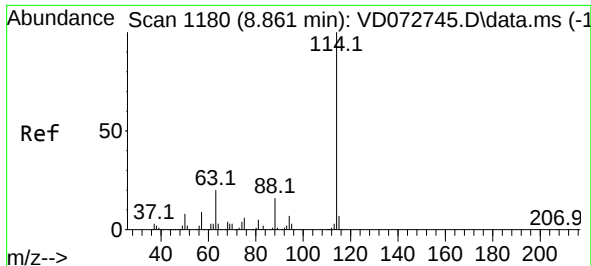
Tgt Ion: 65 Resp: 165631

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4

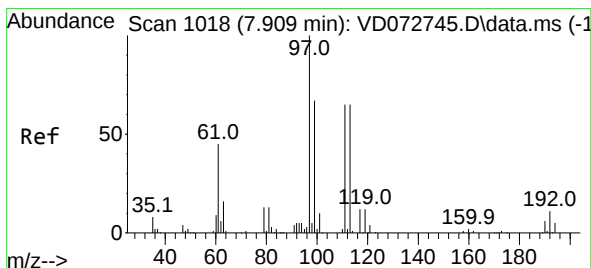
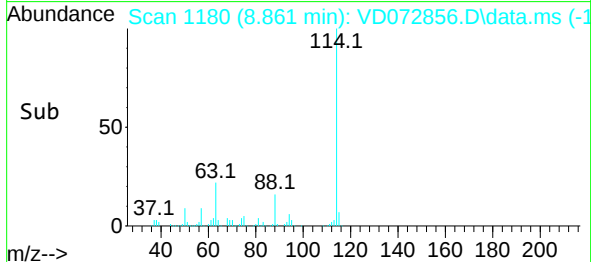
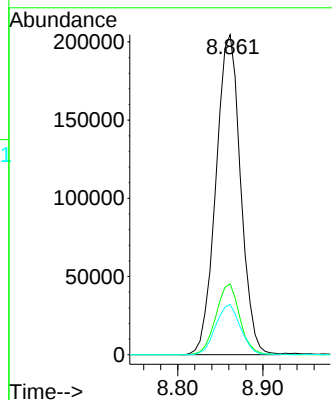
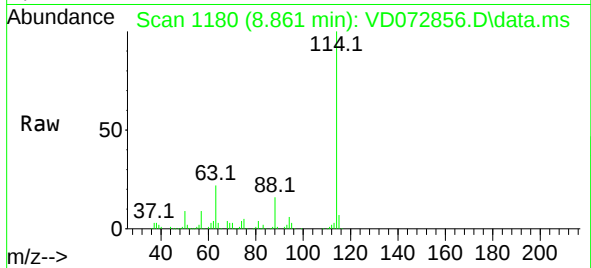




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072856.D
Acq: 06 May 2022 17:26

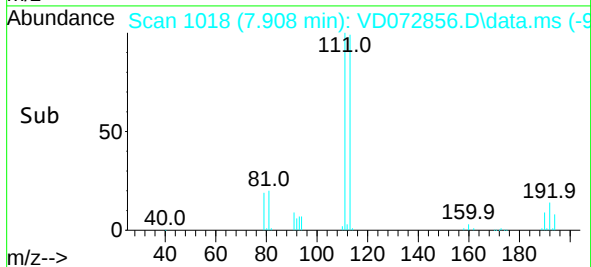
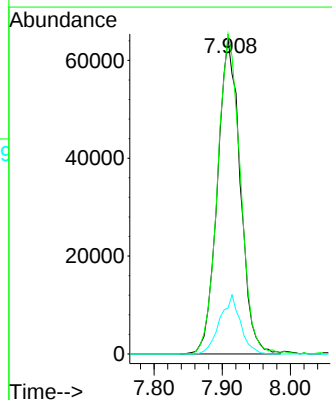
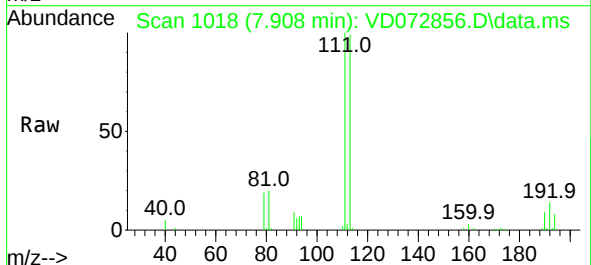
Instrument :
MSVOA_D
ClientSampleId :
SB-10.8

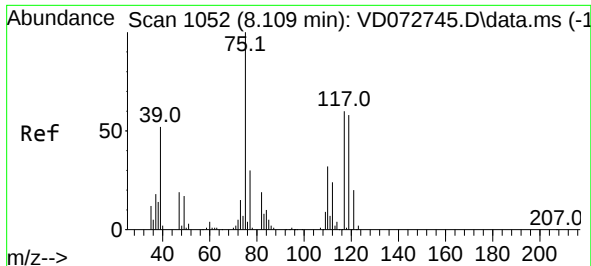
Tgt Ion:114 Resp: 411934
Ion Ratio Lower Upper
114 100
63 22.1 0.0 46.6
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.895 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072856.D
Acq: 06 May 2022 17:26

Tgt Ion:113 Resp: 150134
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 16.8 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.617 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD072856.D

Acq: 06 May 2022 17:26

Instrument :

MSVOA_D

ClientSampleId :

SB-10,8

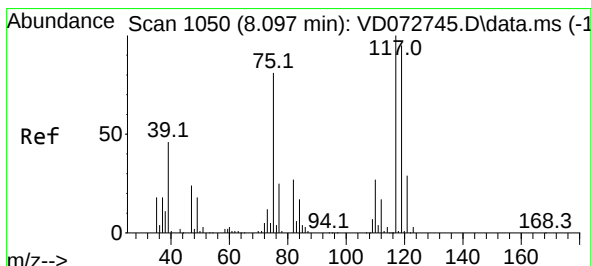
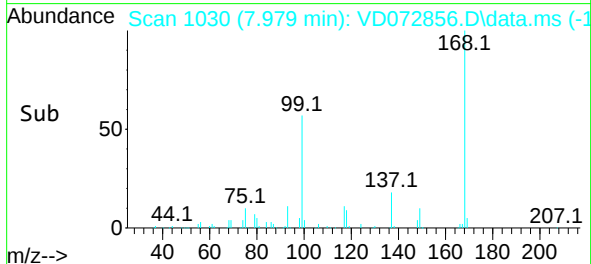
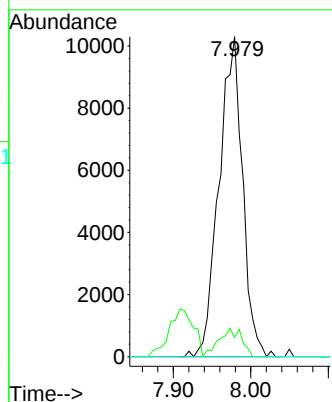
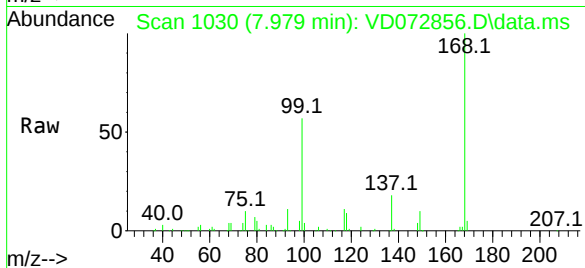
Tgt Ion: 75 Resp: 21719

Ion Ratio Lower Upper

75 100

110 8.2 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.392 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072856.D

Acq: 06 May 2022 17:26

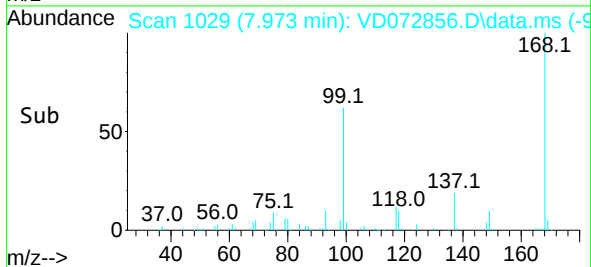
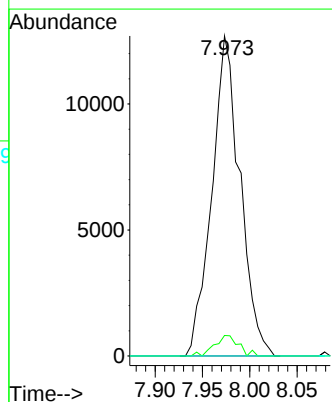
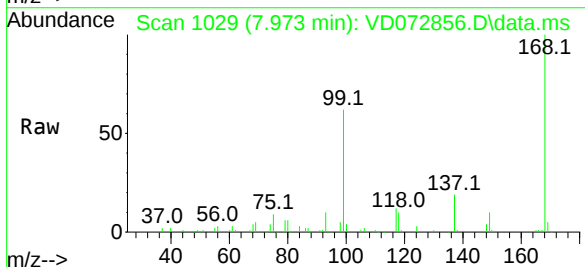
Tgt Ion: 117 Resp: 26332

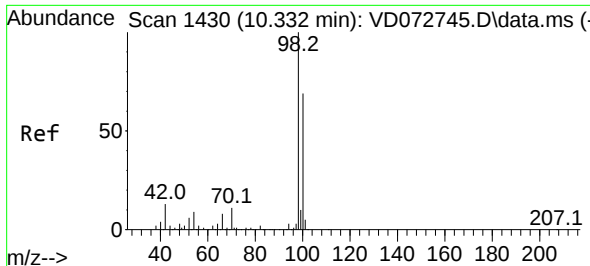
Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.6#

121 0.0 24.5 36.7#

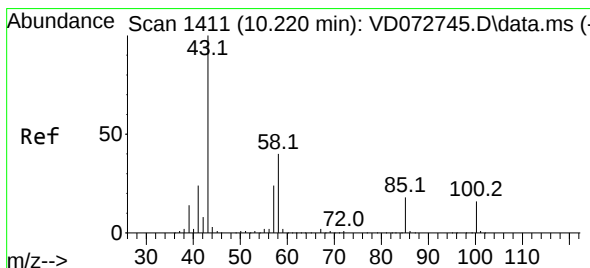
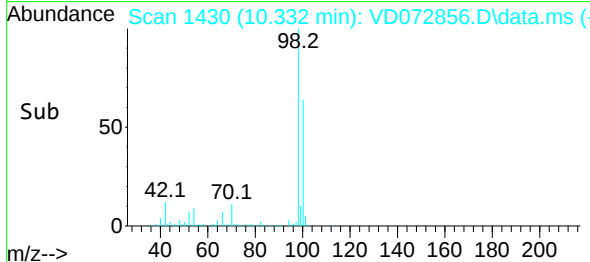
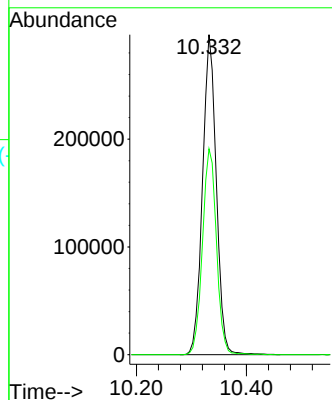
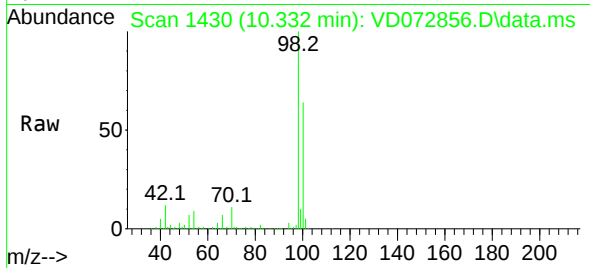




#50
Toluene-d8
Concen: 49.714 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072856.D
Acq: 06 May 2022 17:26

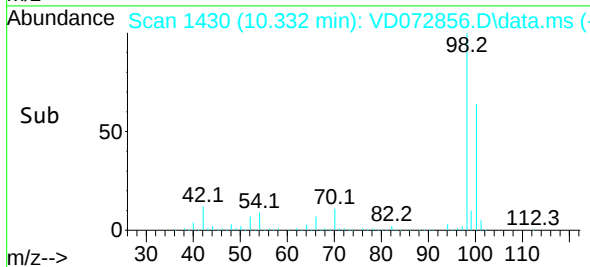
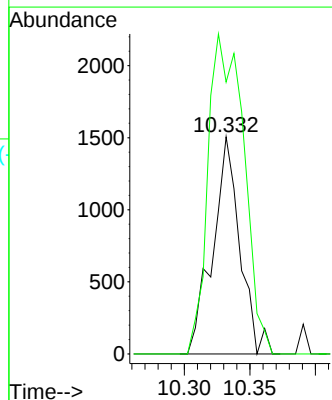
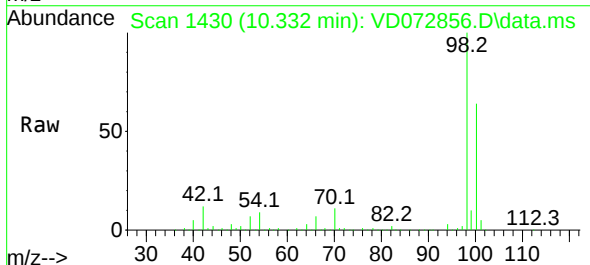
Instrument :
MSVOA_D
ClientSampleId :
SB-10.8

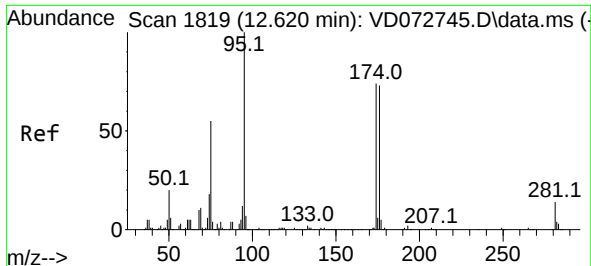
Tgt Ion: 98 Resp: 515919
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.048 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD072856.D
Acq: 06 May 2022 17:26

Tgt Ion: 43 Resp: 2173
Ion Ratio Lower Upper
43 100
58 192.7 28.6 43.0#

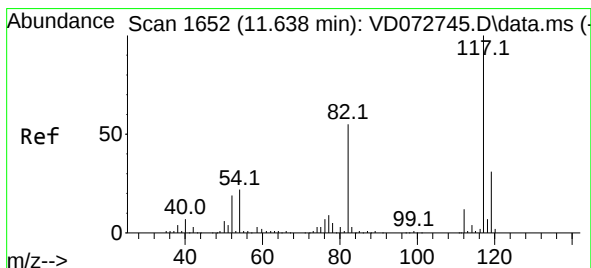
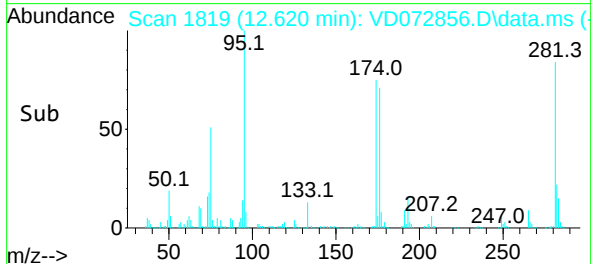
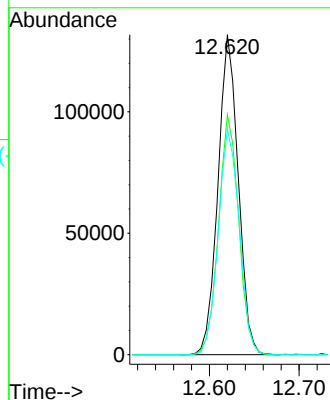
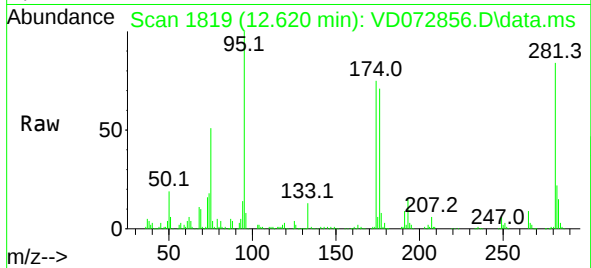




#62
4-Bromofluorobenzene
Concen: 53.336 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072856.D
Acq: 06 May 2022 17:26

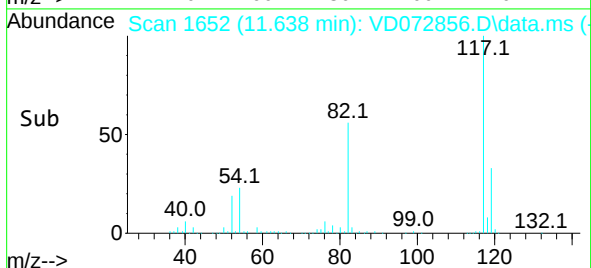
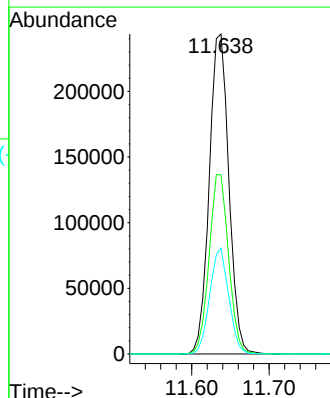
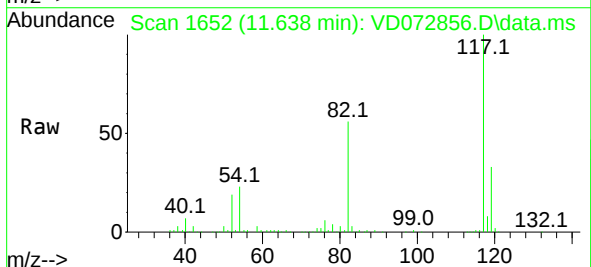
Instrument :
MSVOA_D
ClientSampleId :
SB-10.8

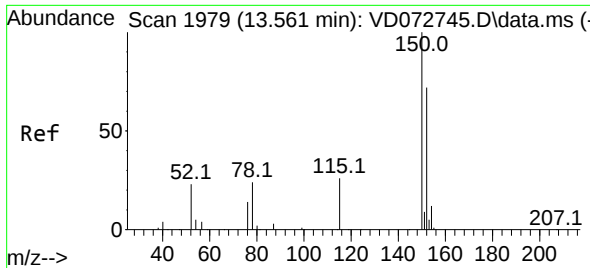
Tgt Ion: 95 Resp: 206387
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 73.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072856.D
Acq: 06 May 2022 17:26

Tgt Ion: 117 Resp: 428140
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 33.1 26.6 40.0

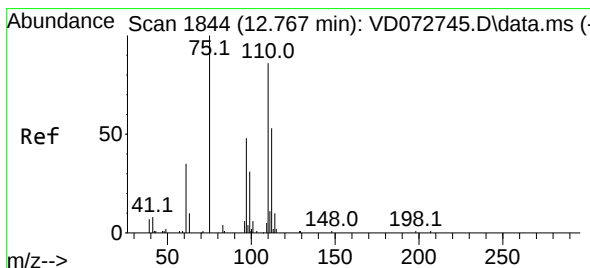
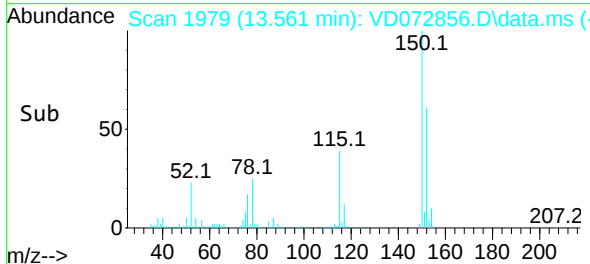
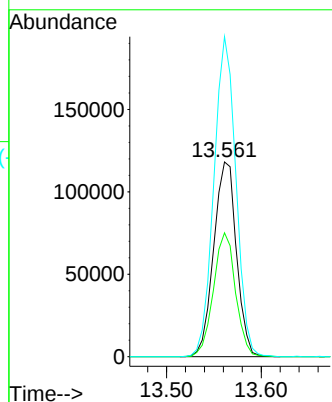
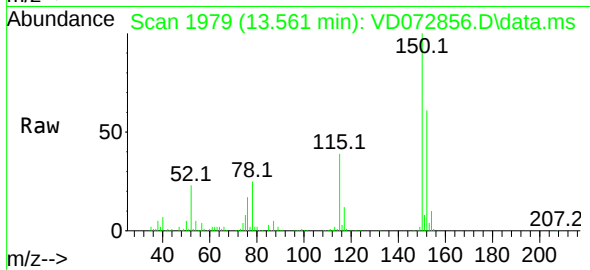




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072856.D
 Acq: 06 May 2022 17:26

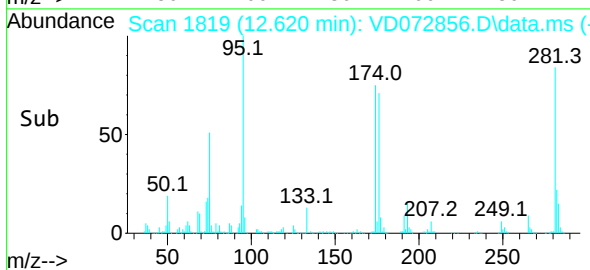
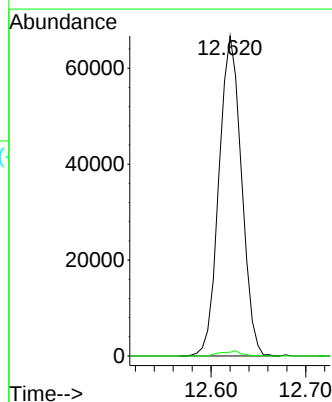
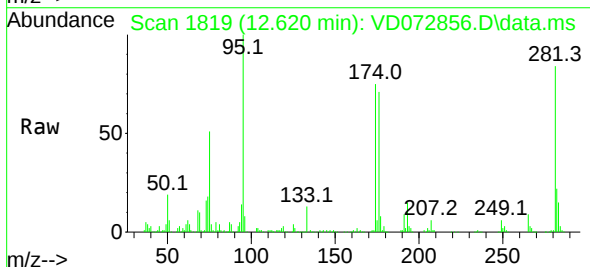
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10,8

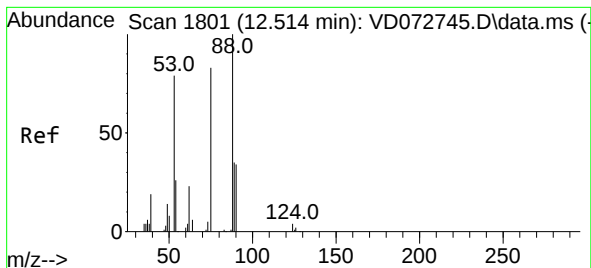
Tgt Ion:152 Resp: 197491
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.3 93.8
 150 158.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 50.127 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072856.D
 Acq: 06 May 2022 17:26

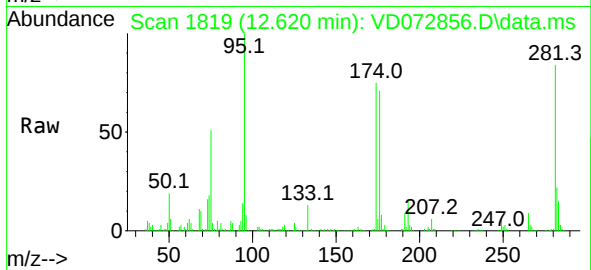
Tgt Ion: 75 Resp: 110388
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 115.272 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072856.D
Acq: 06 May 2022 17:26

Instrument :
MSVOA_D
ClientSampleId :
SB-10,8



Tgt Ion: 75 Resp: 110388
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 1.4 33.9 50.9#

