

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
 Data File : VD072773.D
 Acq On : 03 May 2022 17:45
 Operator : VA/SY
 Sample : N2659-02
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 22L097-B

Quant Time: May 04 01:27:24 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)

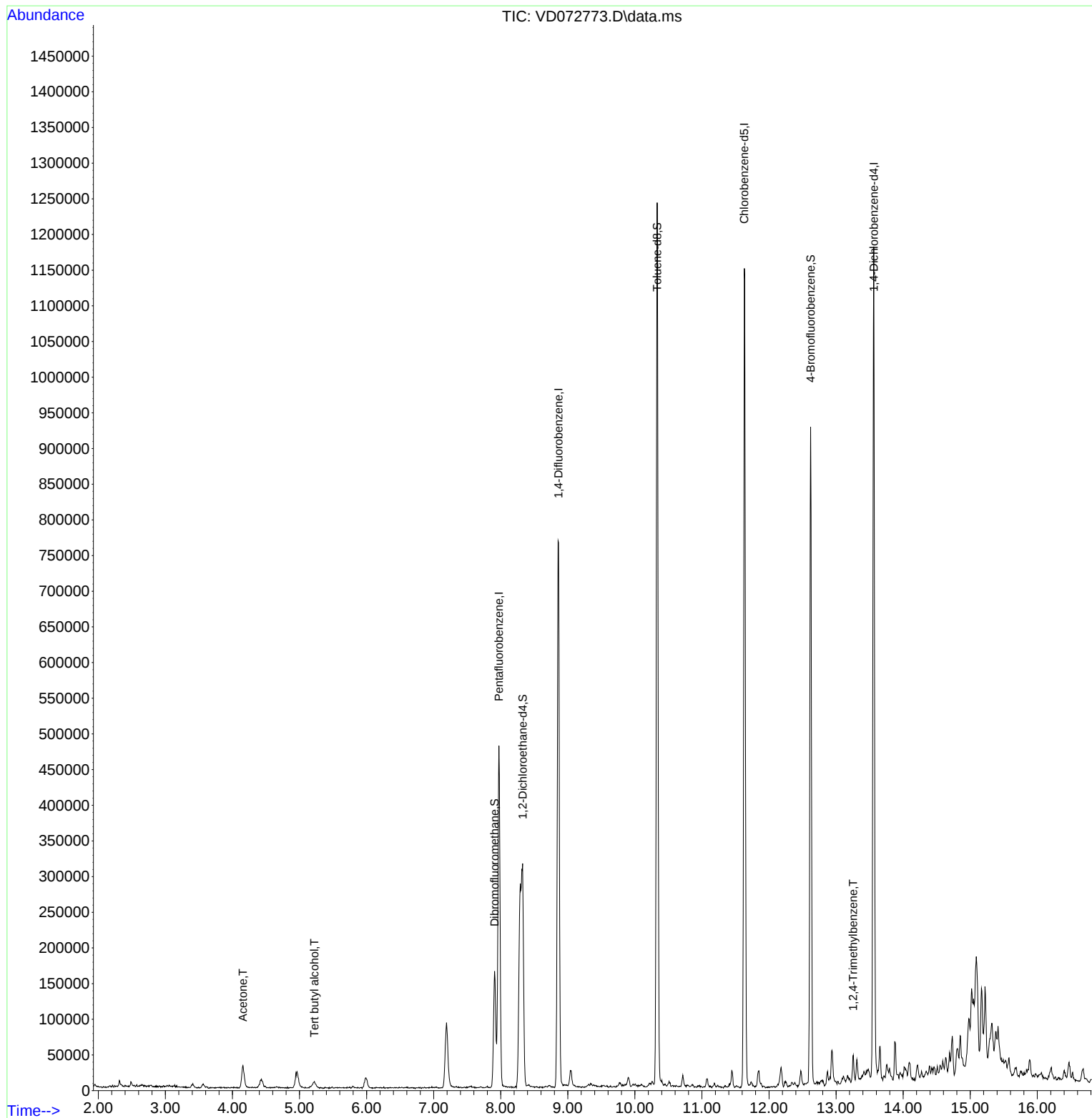
Internal Standards						
1) Pentafluorobenzene	7.973	168	334660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	670351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	651988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	300527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	221913	51.083	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.160%	
35) Dibromofluoromethane	7.909	113	118574	25.186	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 50.380%#	
50) Toluene-d8	10.332	98	805844	47.717	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.440%	
62) 4-Bromofluorobenzene	12.620	95	301558	47.889	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.780%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.220	59	13647	36.309	ug/l #	93
16) Acetone	4.156	43	53520	54.944	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	22061	1.113	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072773.D
Acq On : 03 May 2022 17:45
Operator : VA/SY
Sample : N2659-02
Misc : 5.16G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
22L097-B

Quant Time: May 04 01:27:24 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





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072773.D

Acq: 03 May 2022 17:45

Instrument :

MSVOA_D

ClientSampleId :

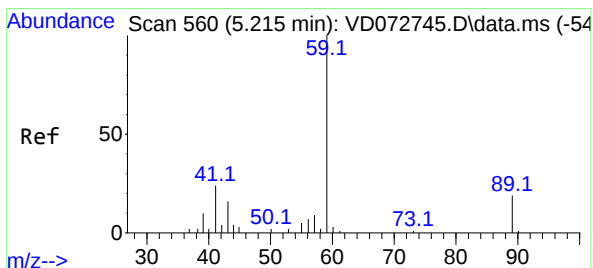
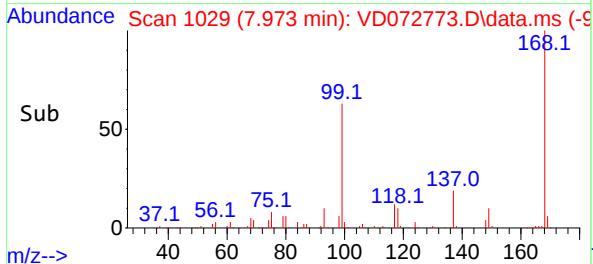
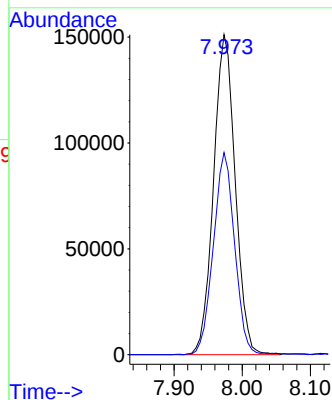
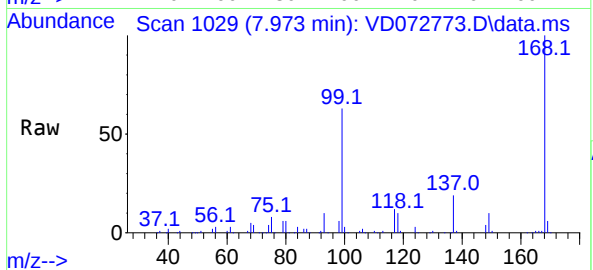
22L097-B

Tgt Ion:168 Resp: 334660

Ion Ratio Lower Upper

168 100

99 63.0 49.8 74.6



#11

Tert butyl alcohol

Concen: 36.309 ug/l

RT: 5.220 min Scan# 561

Delta R.T. 0.005 min

Lab File: VD072773.D

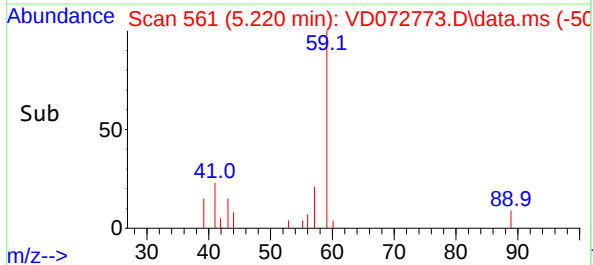
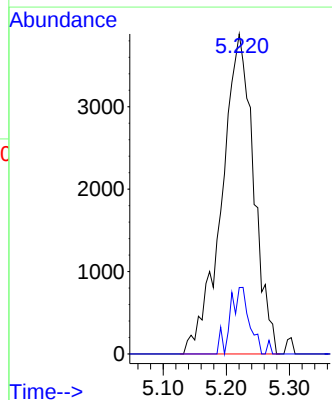
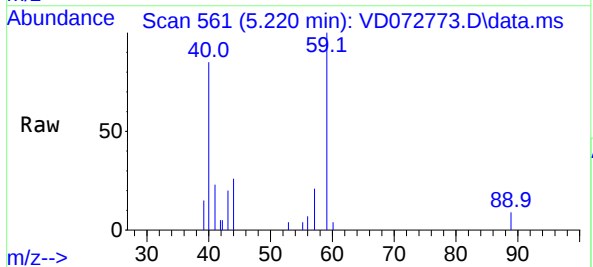
Acq: 03 May 2022 17:45

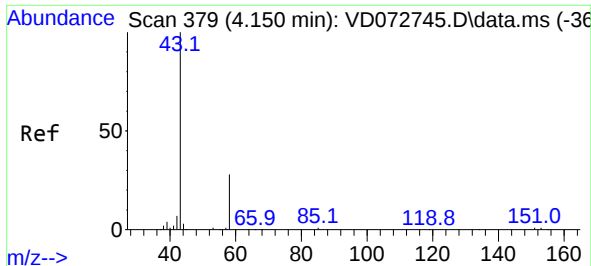
Tgt Ion: 59 Resp: 13647

Ion Ratio Lower Upper

59 100

57 12.2 7.8 11.6#

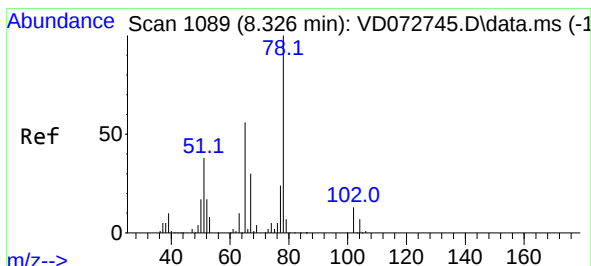
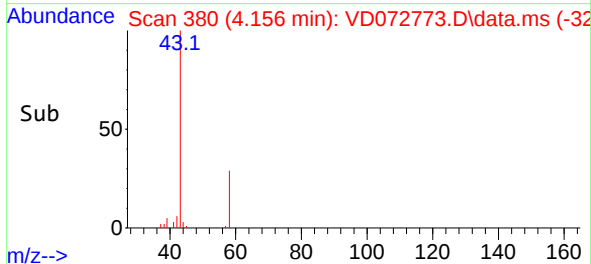
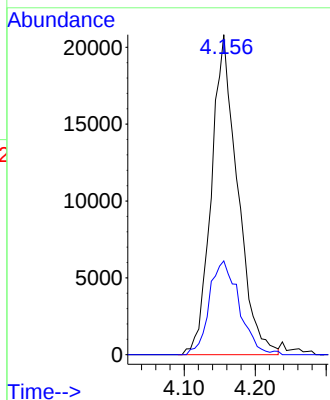
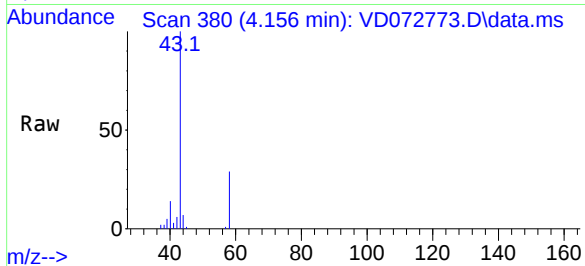




#16
Acetone
Concen: 54.944 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072773.D
Acq: 03 May 2022 17:45

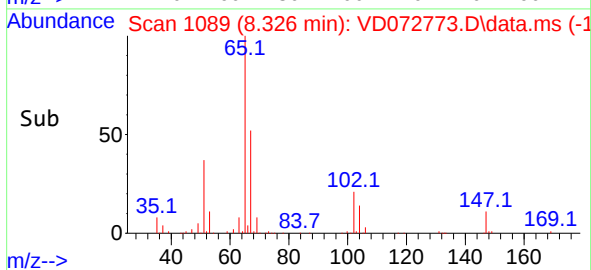
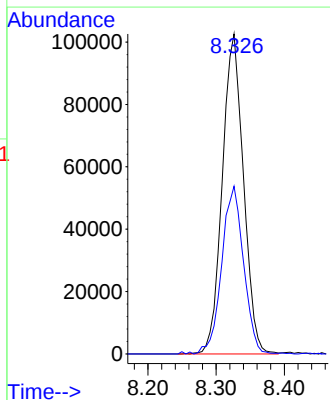
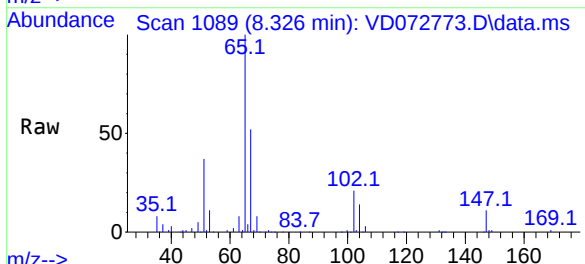
Instrument :
MSVOA_D
ClientSampleId :
22L097-B

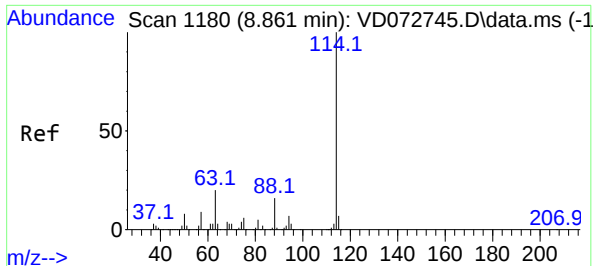
Tgt Ion: 43 Resp: 53520
Ion Ratio Lower Upper
43 100
58 29.3 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 51.083 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072773.D
Acq: 03 May 2022 17:45

Tgt Ion: 65 Resp: 221913
Ion Ratio Lower Upper
65 100
67 54.0 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: VD072773.D

Acq: 03 May 2022 17:45

Instrument :

MSVOA_D

ClientSampleId :

22L097-B

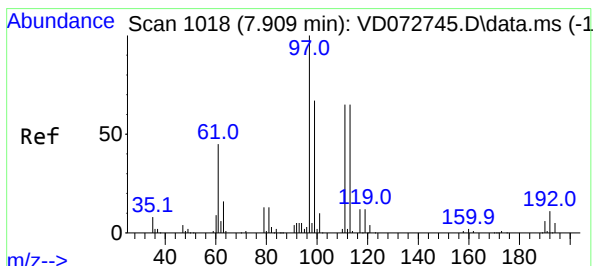
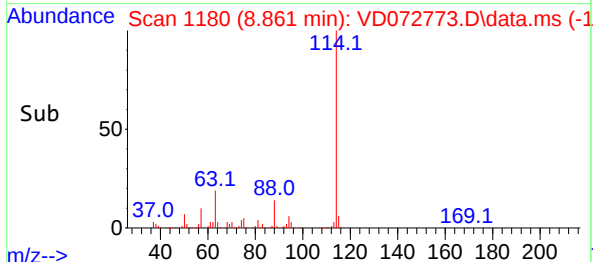
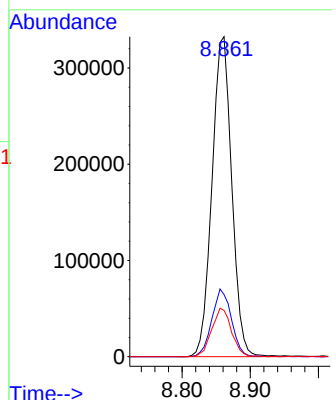
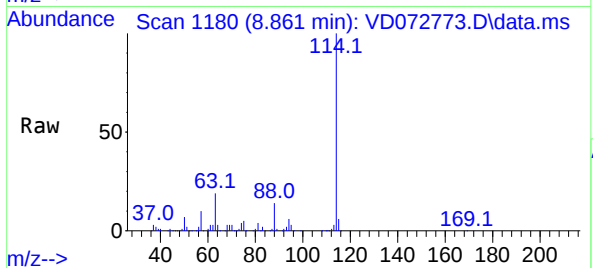
Tgt Ion:114 Resp: 670351

Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 14.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 25.186 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072773.D

Acq: 03 May 2022 17:45

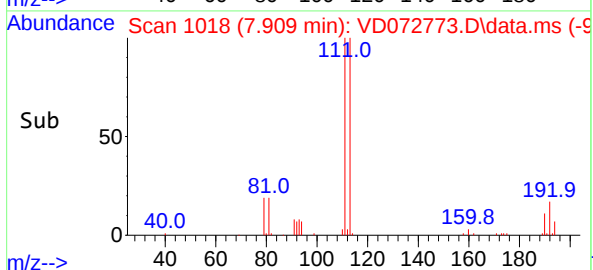
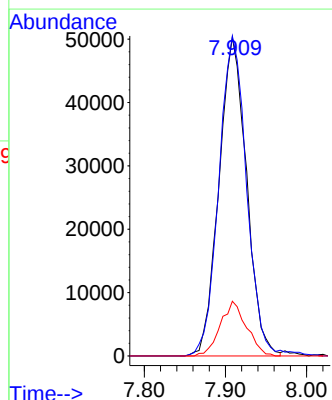
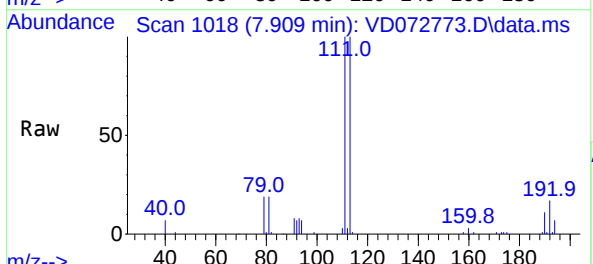
Tgt Ion:113 Resp: 118574

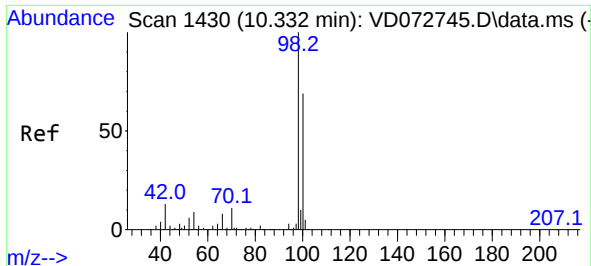
Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 16.3 14.6 21.8

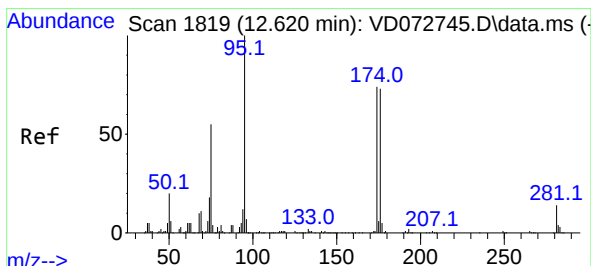
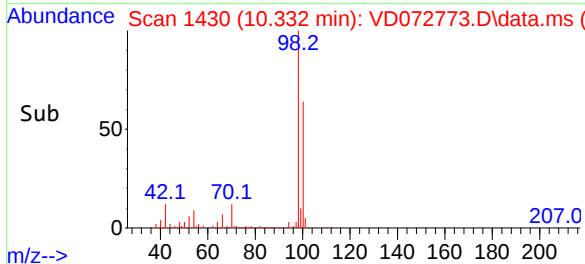
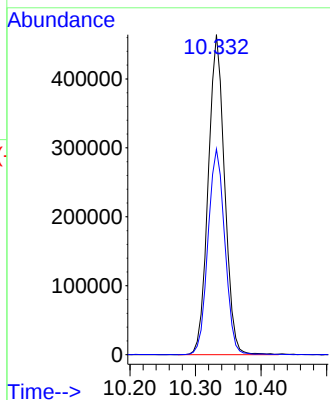
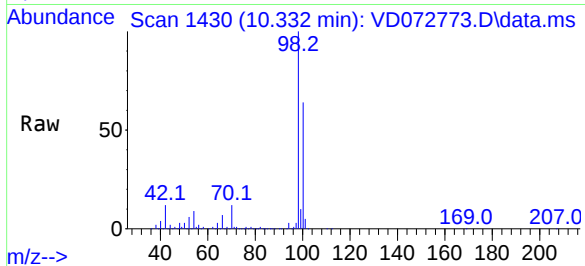




#50
Toluene-d8
Concen: 47.717 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072773.D
Acq: 03 May 2022 17:45

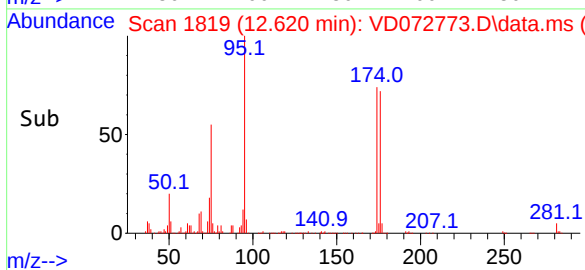
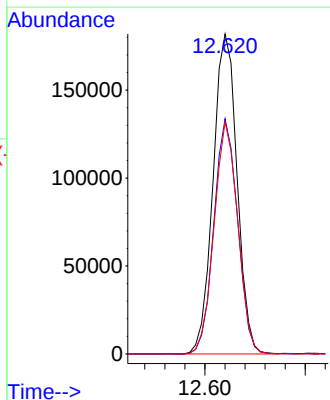
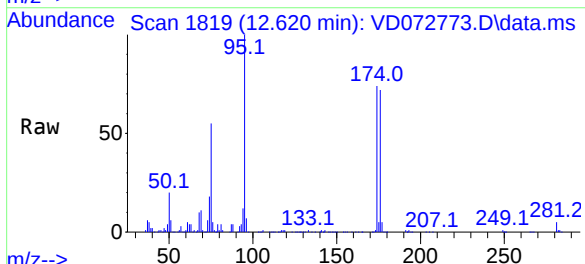
Instrument :
MSVOA_D
ClientSampleId :
22L097-B

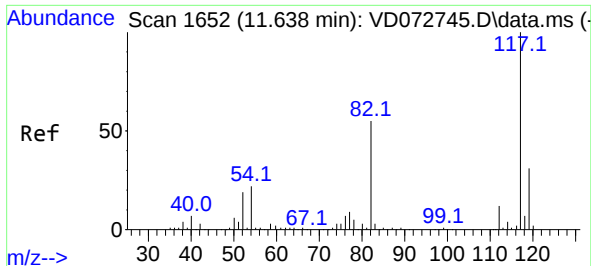
Tgt Ion: 98 Resp: 805844
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.889 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072773.D
Acq: 03 May 2022 17:45

Tgt Ion: 95 Resp: 301558
Ion Ratio Lower Upper
95 100
174 72.9 0.0 152.8
176 71.5 0.0 145.4

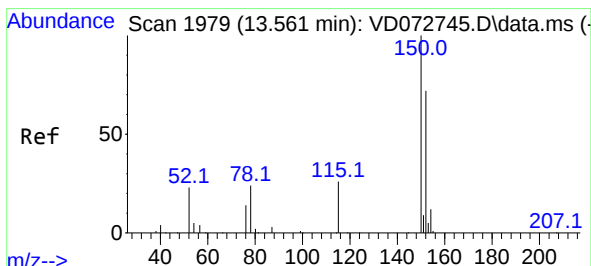
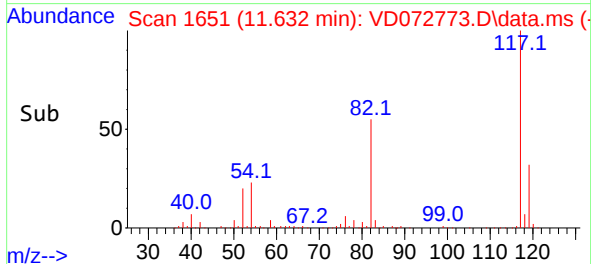
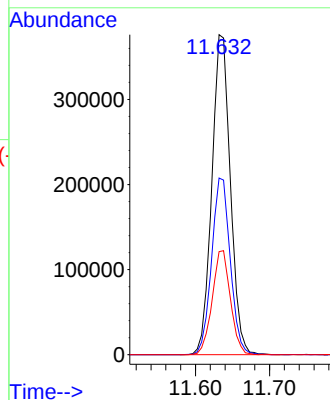
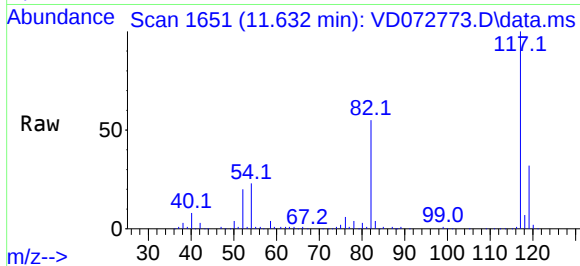




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072773.D
Acq: 03 May 2022 17:45

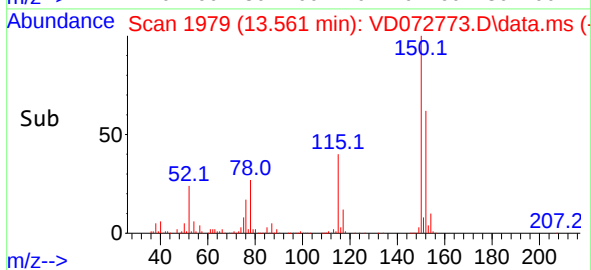
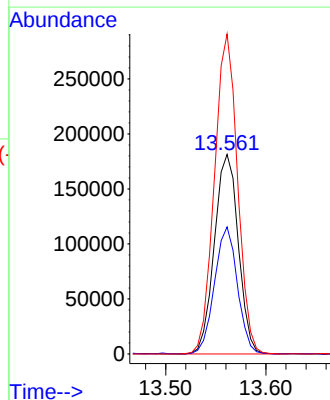
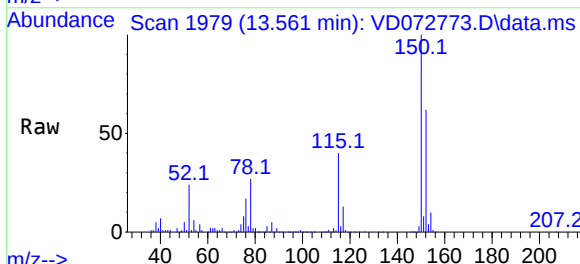
Instrument :
MSVOA_D
ClientSampleId :
22L097-B

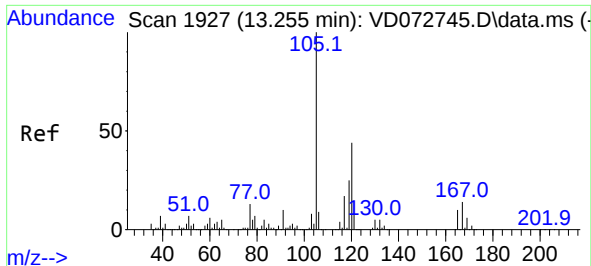
Tgt Ion:117 Resp: 651988
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072773.D
Acq: 03 May 2022 17:45

Tgt Ion:152 Resp: 300527
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 154.9 0.0 348.6





#84

1,2,4-Trimethylbenzene

Concen: 1.113 ug/l

RT: 13.255 min Scan# 19

Delta R.T. 0.000 min

Lab File: VD072773.D

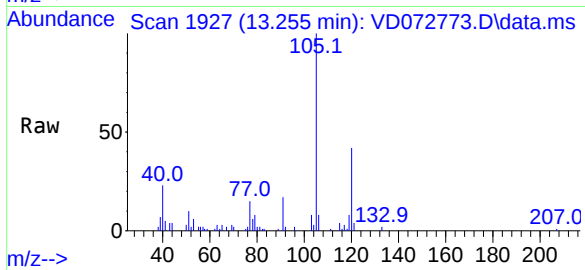
Acq: 03 May 2022 17:45

Instrument :

MSVOA_D

ClientSampleId :

22L097-B



Tgt Ion:105 Resp: 22061

Ion Ratio Lower Upper

105 100

120 43.2 22.3 66.8

