

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020057.D
 Acq On : 29 Oct 2024 13:38
 Operator : SY/MD
 Sample : P4597-10
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLUE-2-2

Quant Time: Oct 30 01:23:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	172626	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	367680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	342888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	126332	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	130976	61.620	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.240%
35) Dibromofluoromethane	7.634	113	122494	50.486	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.109	98	461994	51.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.402	95	140582	43.423	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.840%

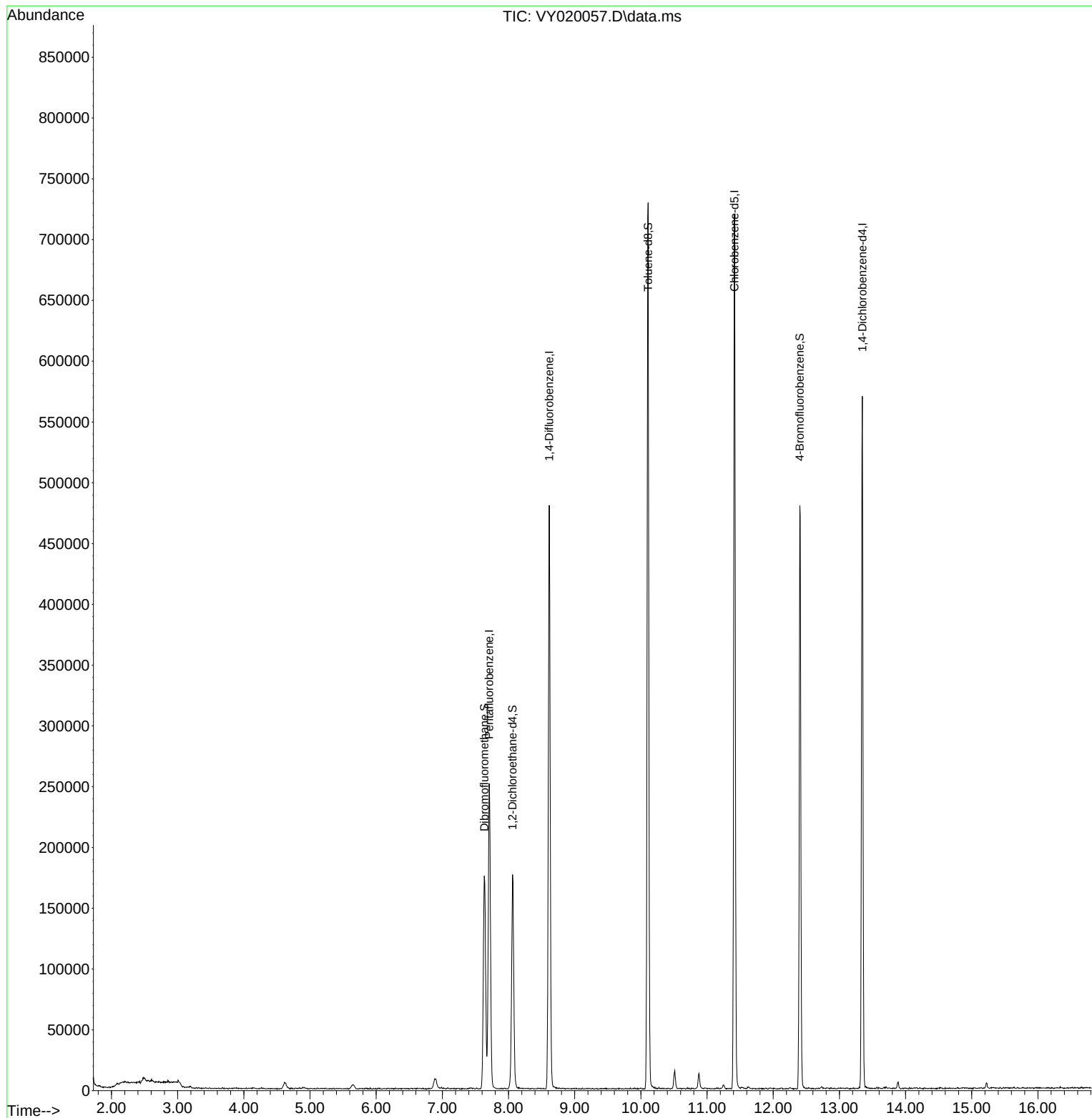
Target Compounds	Qvalue

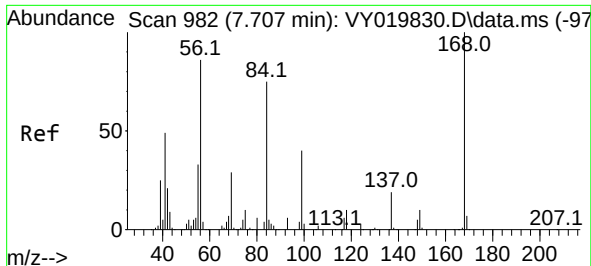
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
Data File : VY020057.D
Acq On : 29 Oct 2024 13:38
Operator : SY/MD
Sample : P4597-10
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BLUE-2-2

Quant Time: Oct 30 01:23:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

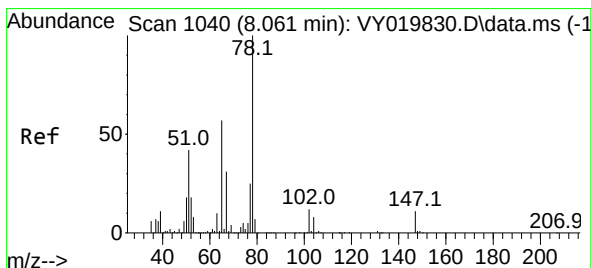
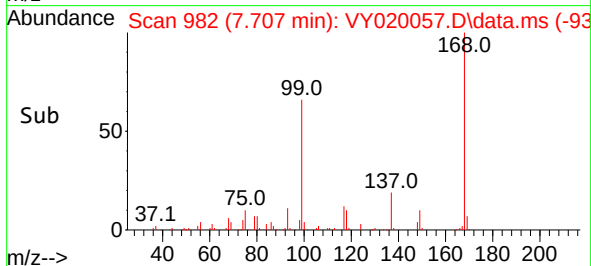
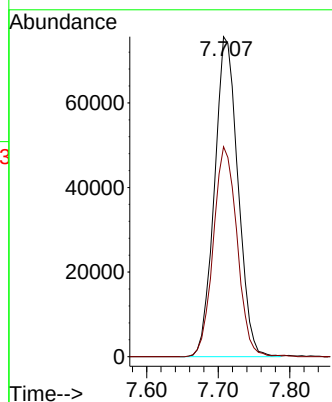
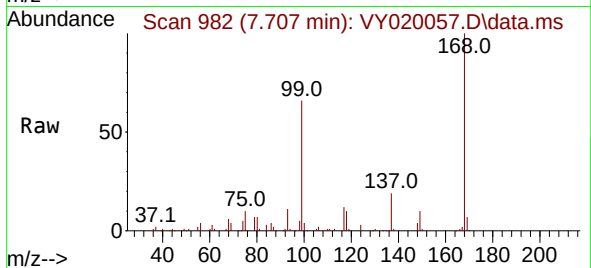




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020057.D
Acq: 29 Oct 2024 13:38

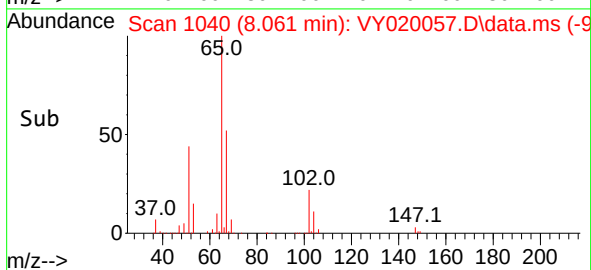
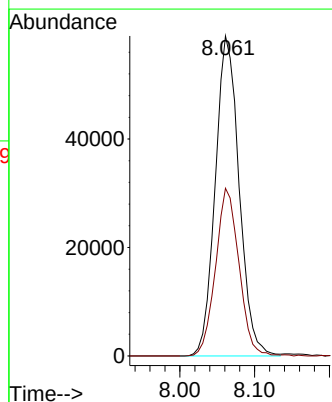
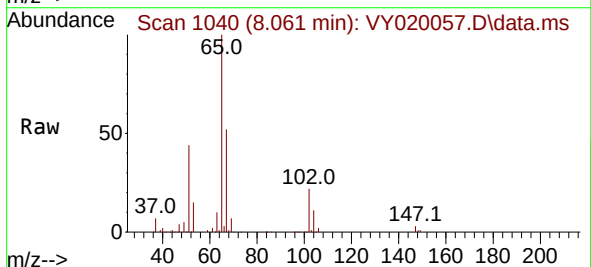
Instrument :
MSVOA_Y
ClientSampleId :
BLUE-2-2

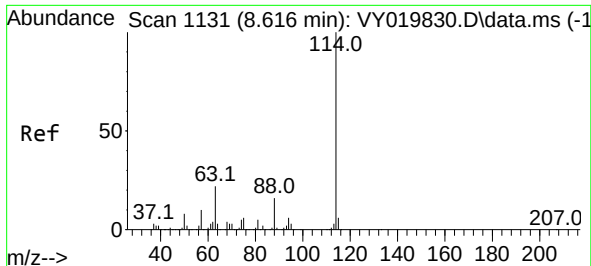
Tgt Ion:168 Resp: 172626
Ion Ratio Lower Upper
168 100
99 65.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.620 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020057.D
Acq: 29 Oct 2024 13:38

Tgt Ion: 65 Resp: 130976
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

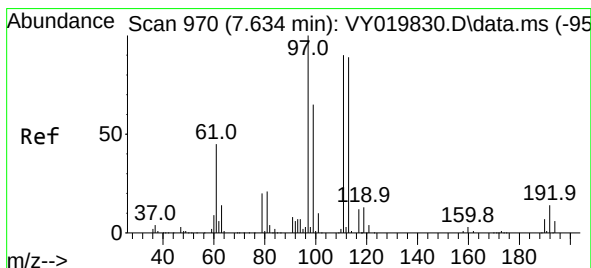
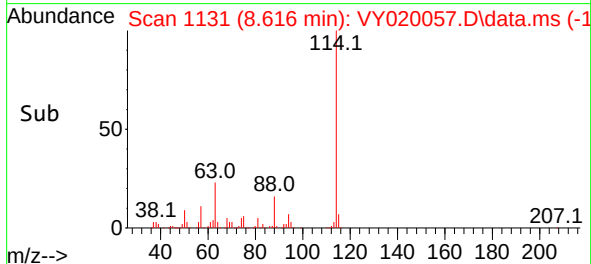
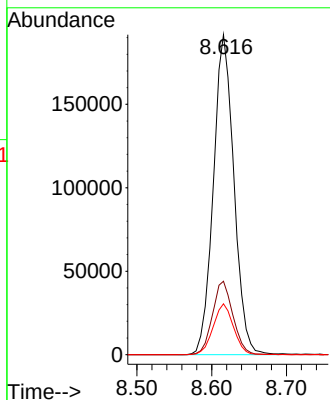
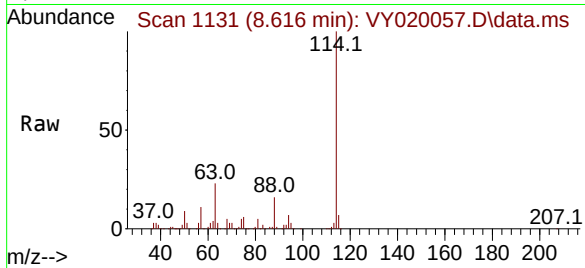




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020057.D
Acq: 29 Oct 2024 13:38

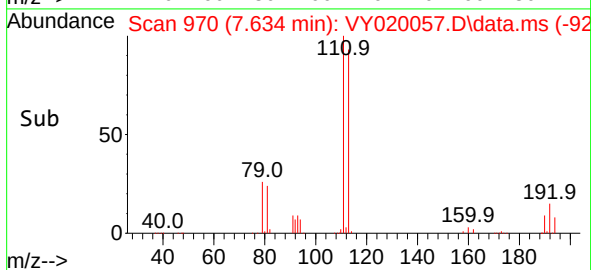
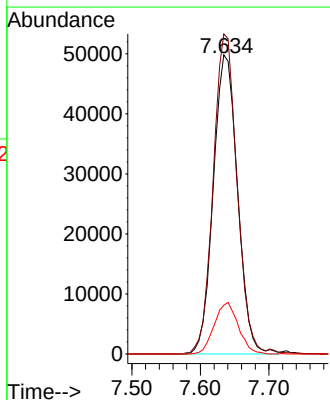
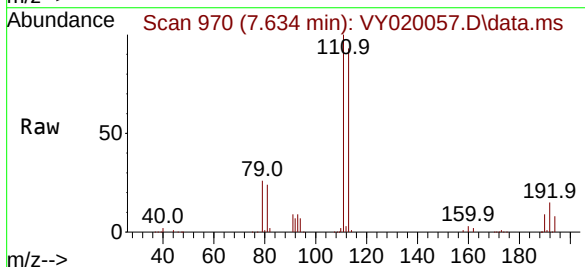
Instrument :
MSVOA_Y
ClientSampleId :
BLUE-2-2

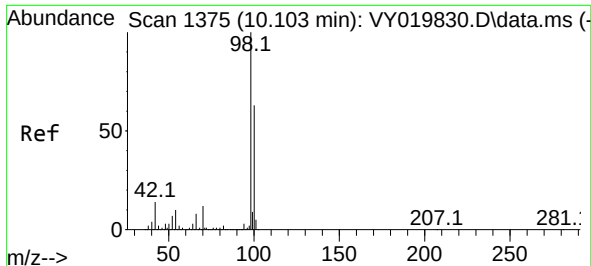
Tgt Ion:114 Resp: 367680
Ion Ratio Lower Upper
114 100
63 23.0 0.0 35.0
88 15.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.486 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020057.D
Acq: 29 Oct 2024 13:38

Tgt Ion:113 Resp: 122494
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 17.0 15.9 23.9

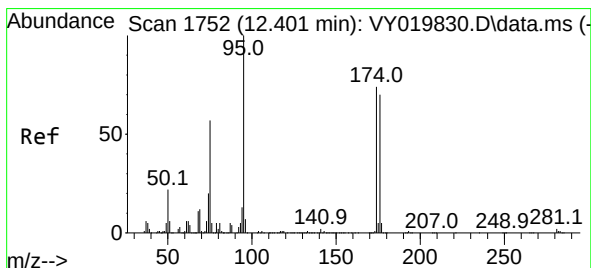
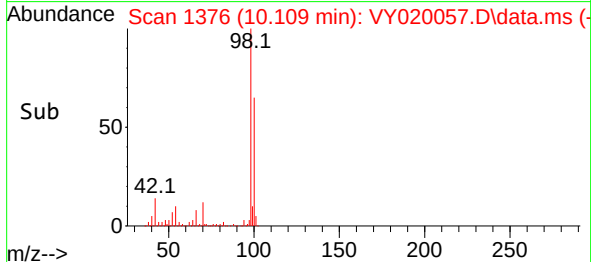
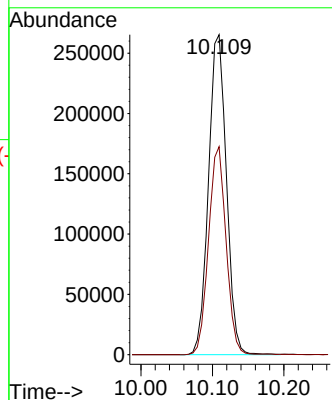
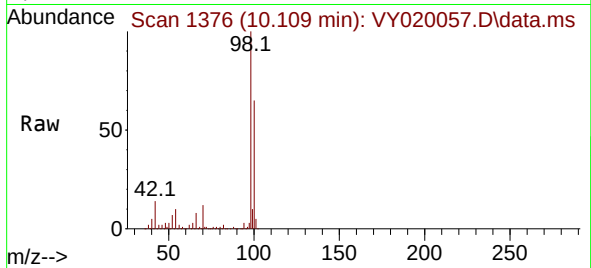




#50
Toluene-d8
Concen: 51.562 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020057.D
Acq: 29 Oct 2024 13:38

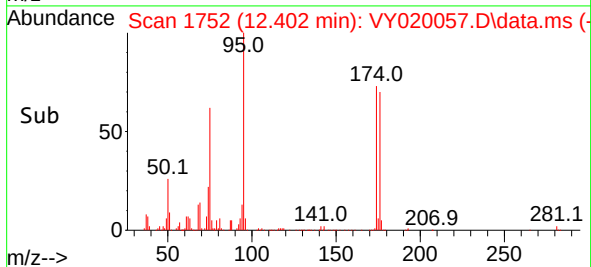
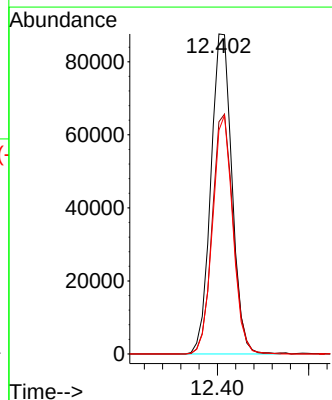
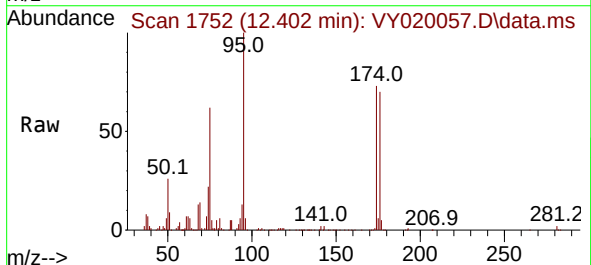
Instrument :
MSVOA_Y
ClientSampleId :
BLUE-2-2

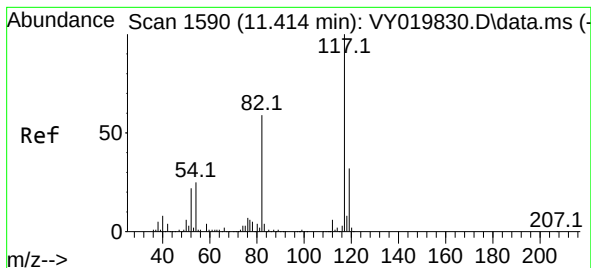
Tgt Ion: 98 Resp: 461994
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.423 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020057.D
Acq: 29 Oct 2024 13:38

Tgt Ion: 95 Resp: 140582
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 71.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020057.D

Acq: 29 Oct 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

BLUE-2-2

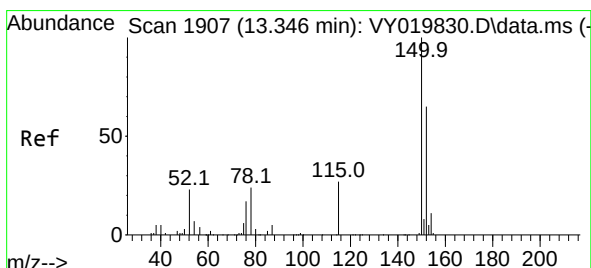
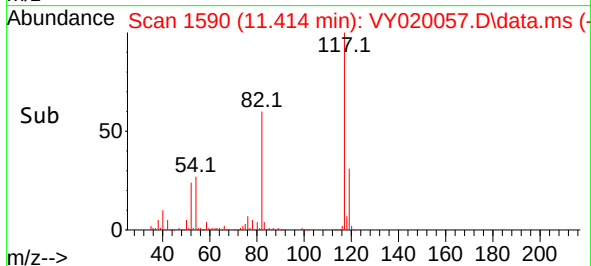
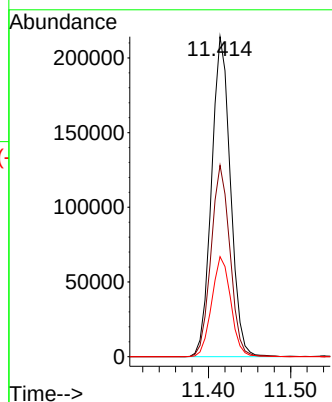
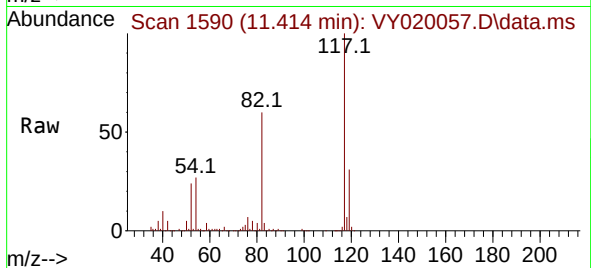
Tgt Ion:117 Resp: 342888

Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

119 31.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020057.D

Acq: 29 Oct 2024 13:38

Tgt Ion:152 Resp: 126332

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 156.5 0.0 345.6

