

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019036.D
 Acq On : 13 Aug 2024 17:58
 Operator : SY/MD
 Sample : P3543-01
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS20-0019

Quant Time: Aug 14 01:40:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	58440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	101407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	89981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	39611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	27664	53.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.840%
35) Dibromofluoromethane	7.622	113	31515	48.659	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.103	98	122237	49.136	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.408	95	33691	45.648	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.300%

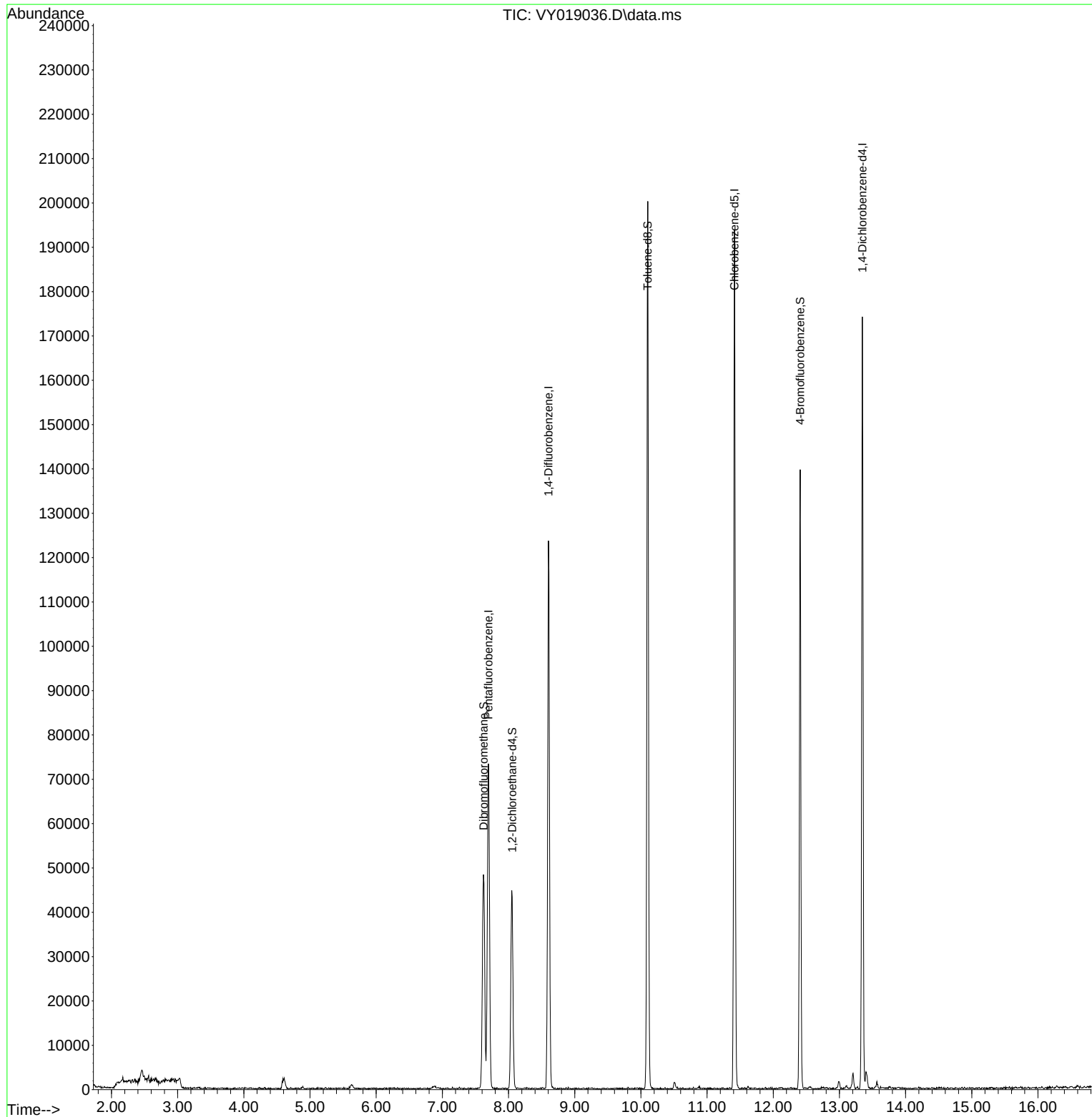
Target Compounds	Qvalue

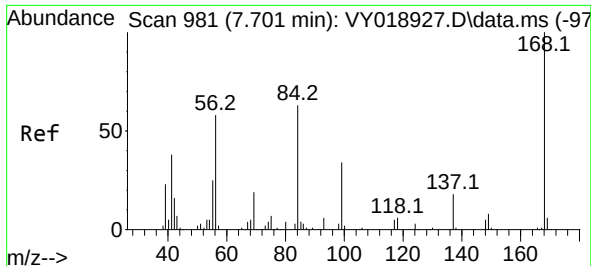
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
Data File : VY019036.D
Acq On : 13 Aug 2024 17:58
Operator : SY/MD
Sample : P3543-01
Misc : 5.54g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0019

Quant Time: Aug 14 01:40:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 09 04:24:33 2024
Response via : Initial Calibration

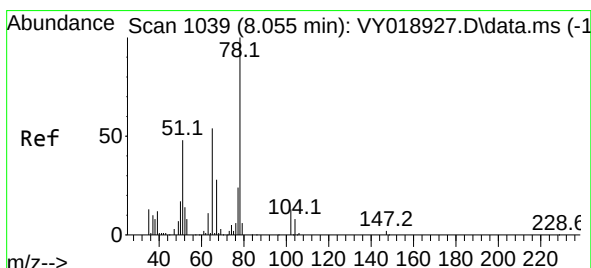
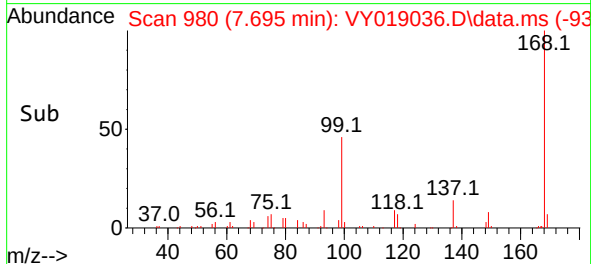
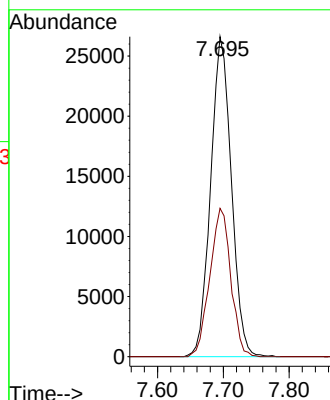
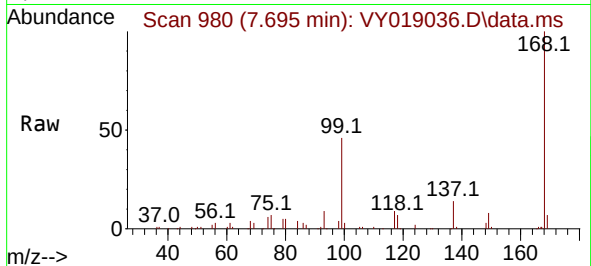




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019036.D
Acq: 13 Aug 2024 17:58

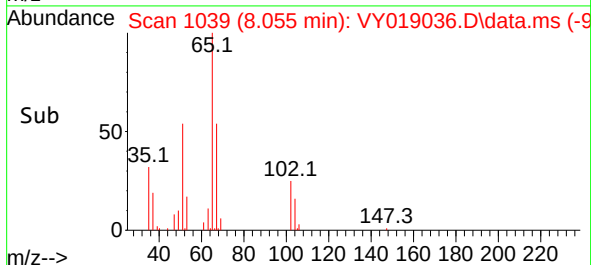
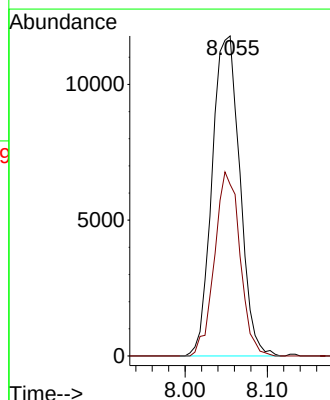
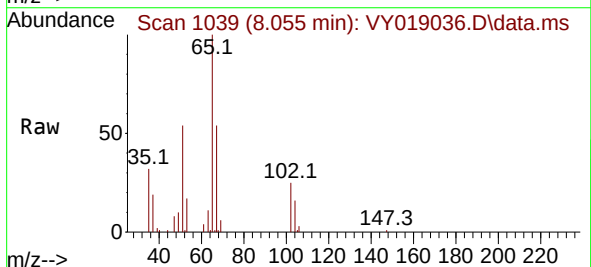
Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0019

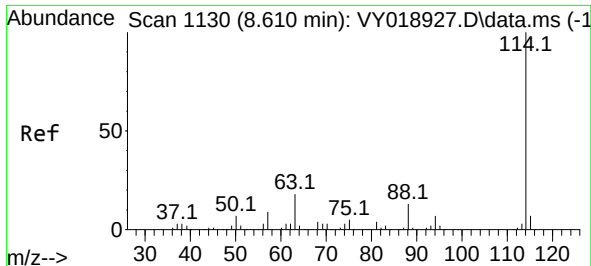
Tgt Ion:168 Resp: 58440
Ion Ratio Lower Upper
168 100
99 46.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.916 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019036.D
Acq: 13 Aug 2024 17:58

Tgt Ion: 65 Resp: 27664
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019036.D

Acq: 13 Aug 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-0019

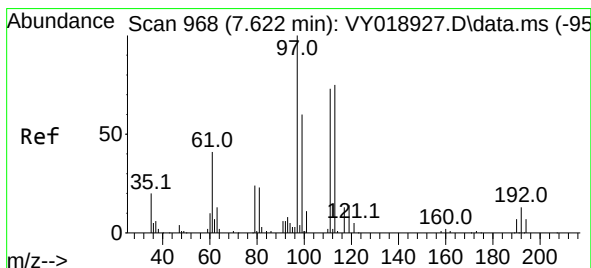
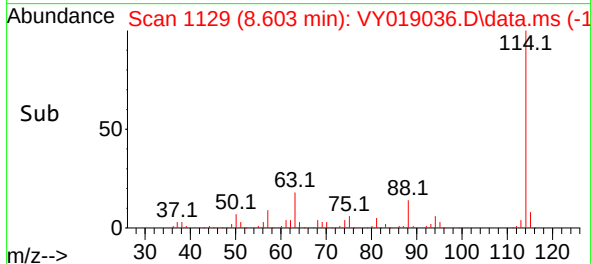
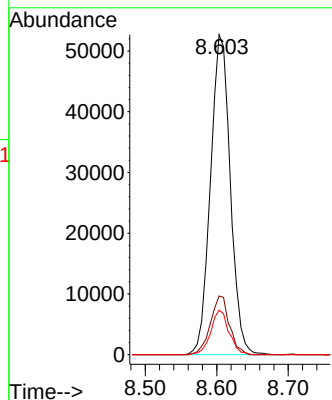
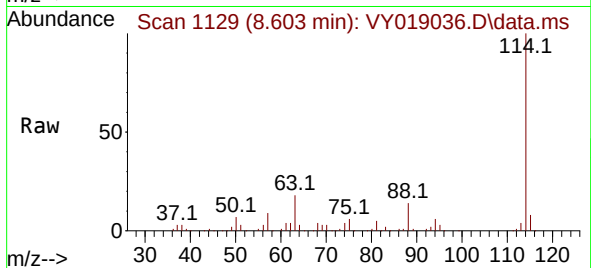
Tgt Ion:114 Resp: 101407

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.659 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019036.D

Acq: 13 Aug 2024 17:58

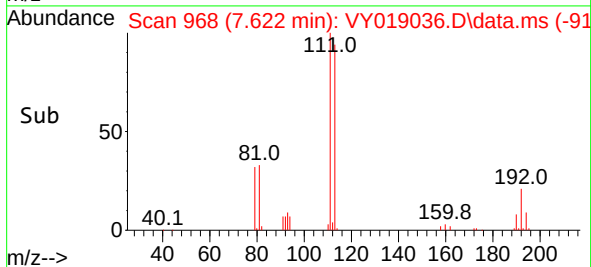
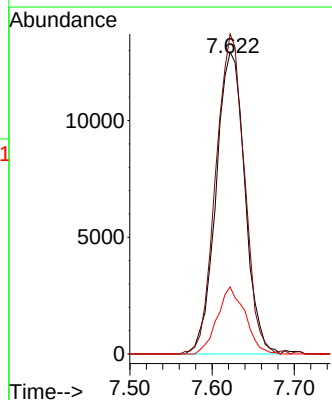
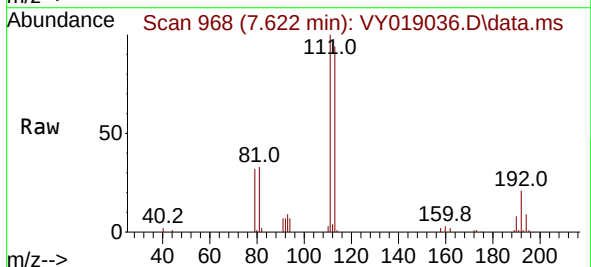
Tgt Ion:113 Resp: 31515

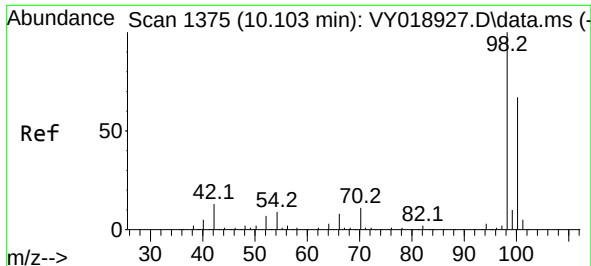
Ion Ratio Lower Upper

113 100

111 105.1 82.2 123.4

192 21.5 15.9 23.9

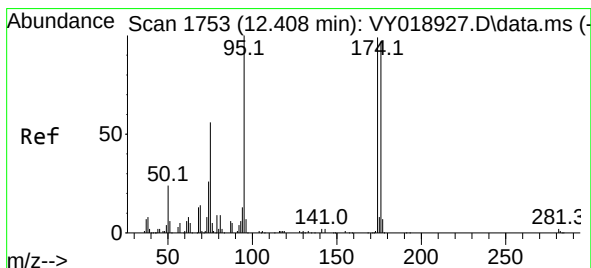
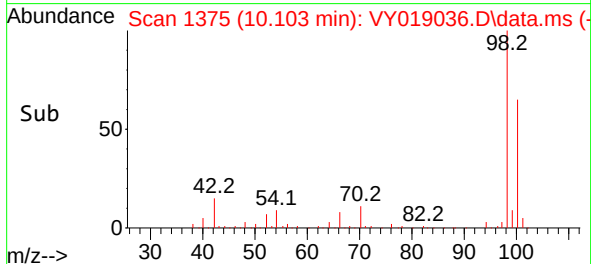
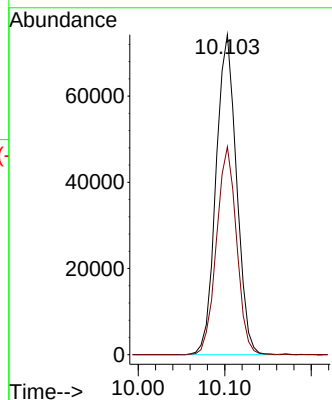
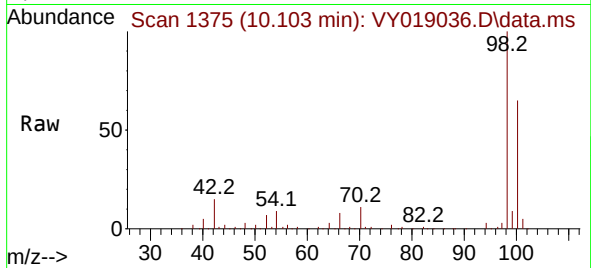




#50
Toluene-d8
Concen: 49.136 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019036.D
Acq: 13 Aug 2024 17:58

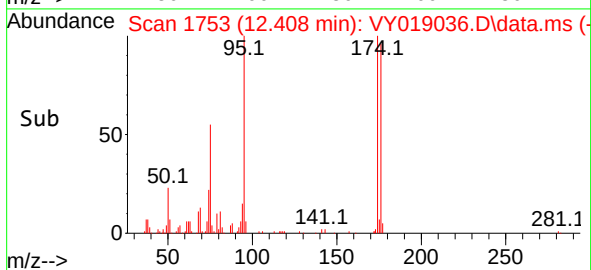
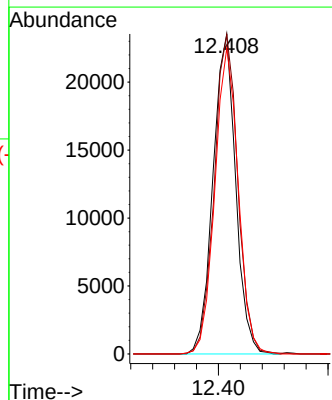
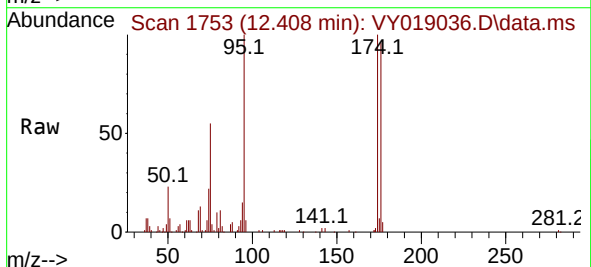
Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0019

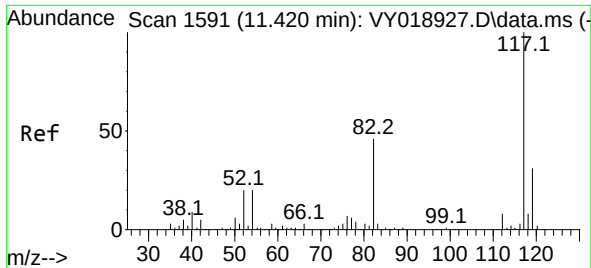
Tgt Ion: 98 Resp: 122237
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.648 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019036.D
Acq: 13 Aug 2024 17:58

Tgt Ion: 95 Resp: 33691
Ion Ratio Lower Upper
95 100
174 104.1 0.0 175.6
176 98.9 0.0 171.4

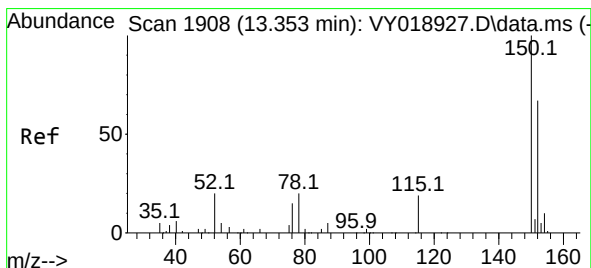
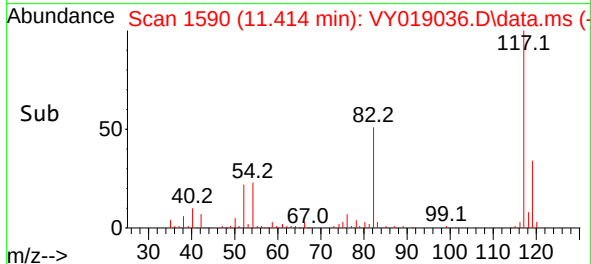
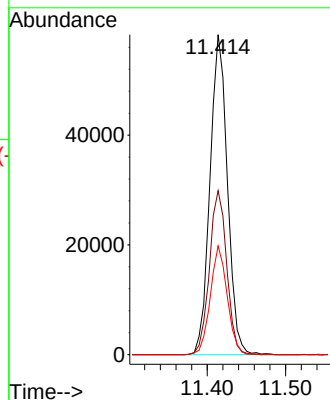
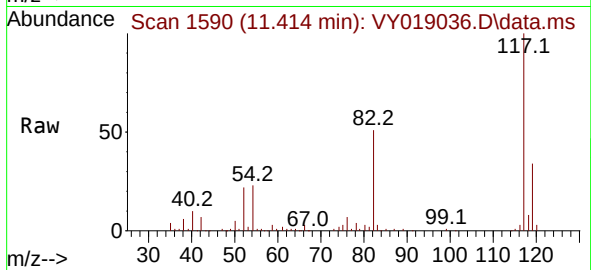




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019036.D
Acq: 13 Aug 2024 17:58

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0019

Tgt Ion:117 Resp: 89981
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 34.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019036.D
Acq: 13 Aug 2024 17:58

Tgt Ion:152 Resp: 39611
Ion Ratio Lower Upper
152 100
115 50.5 28.2 84.7
150 155.1 0.0 345.6

