

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016792.D
 Acq On : 22 Dec 2023 06:09
 Operator : SY/MD
 Sample : 05876-20
 Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLY5

Quant Time: Dec 22 06:42:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

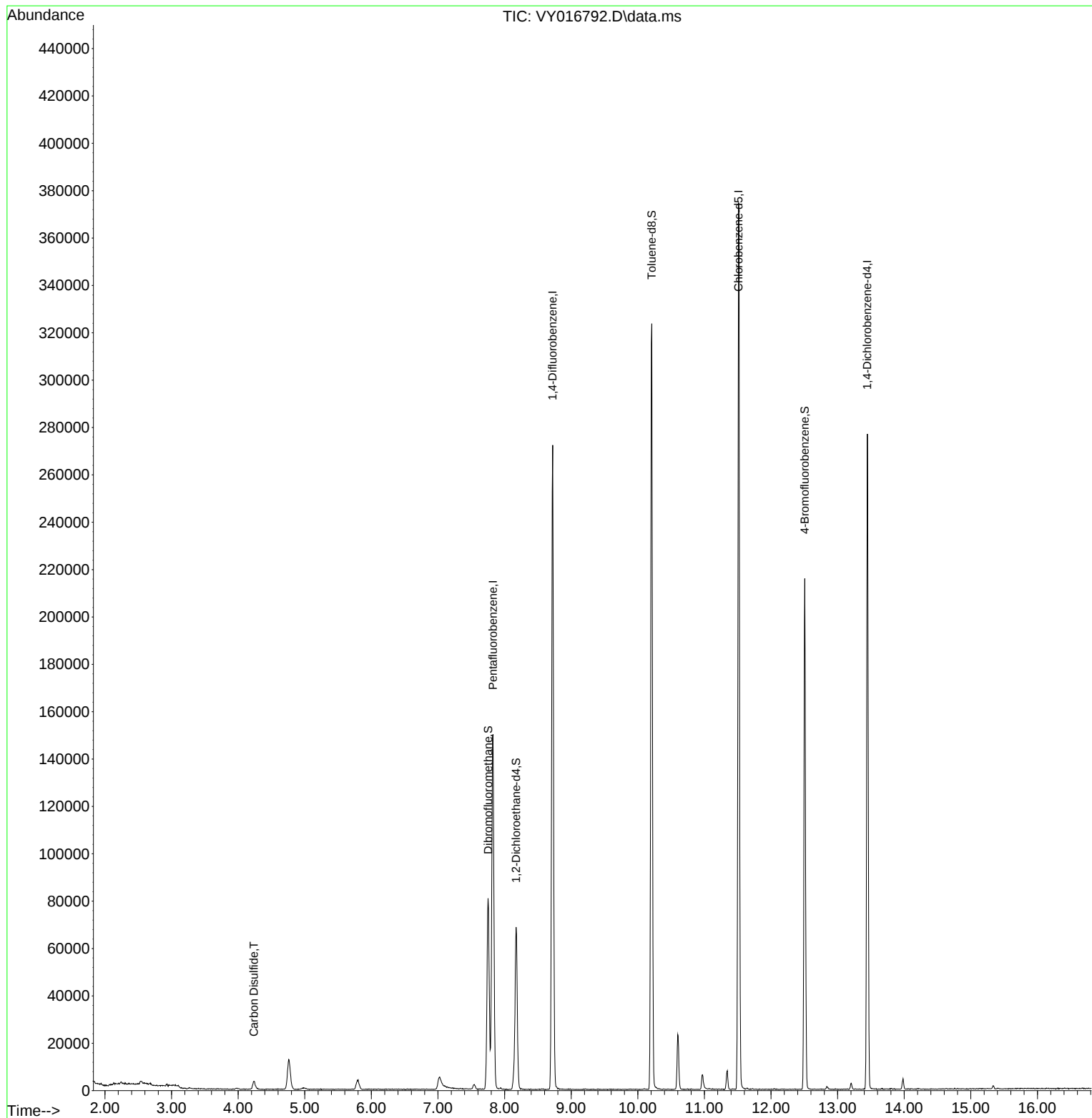
Internal Standards						
1) Pentafluorobenzene	7.825	168	112698	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	232392	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	205546	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	68784	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	52025	50.568	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.140%
35) Dibromofluoromethane	7.752	113	58864	44.219	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.440%
50) Toluene-d8	10.209	98	213114	44.410	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.820%
62) 4-Bromofluorobenzene	12.507	95	62550	40.176	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.360%
Target Compounds						
17) Carbon Disulfide	4.235	76	5892	2.035	ug/l	Qvalue 99

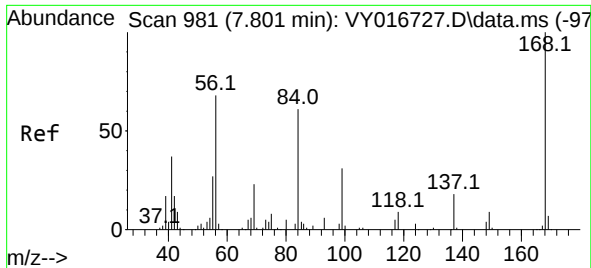
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
Data File : VY016792.D
Acq On : 22 Dec 2023 06:09
Operator : SY/MD
Sample : 05876-20
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0LY5

Quant Time: Dec 22 06:42:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

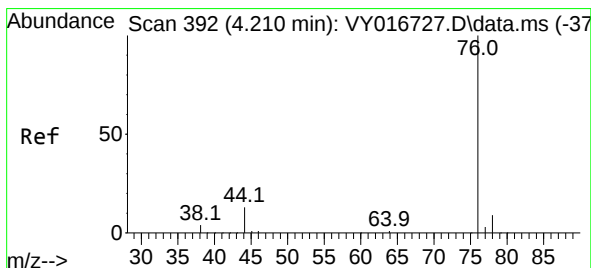
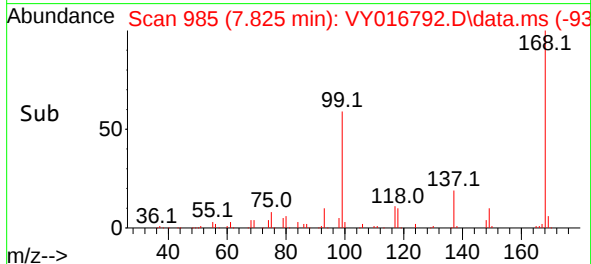
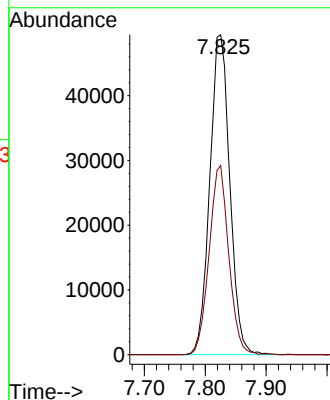
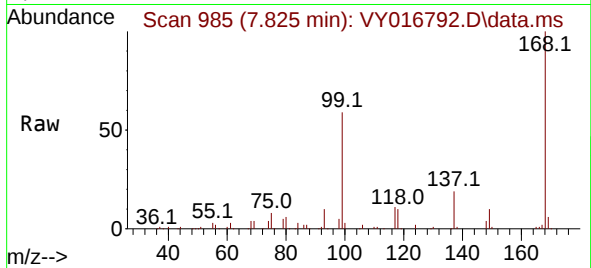




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 981
Delta R.T. 0.024 min
Lab File: VY016792.D
Acq: 22 Dec 2023 06:09

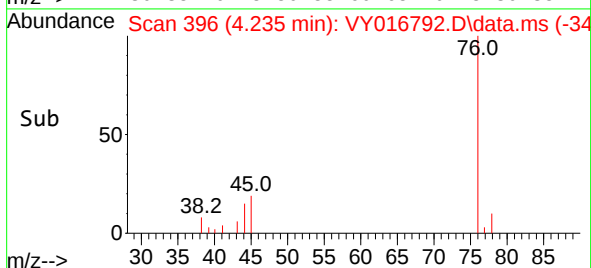
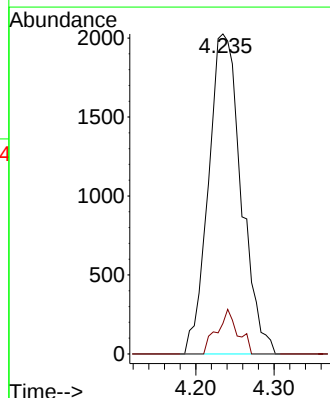
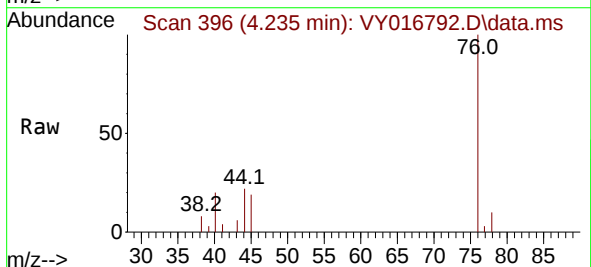
Instrument :
MSVOA_Y
ClientSampleId :
COLY5

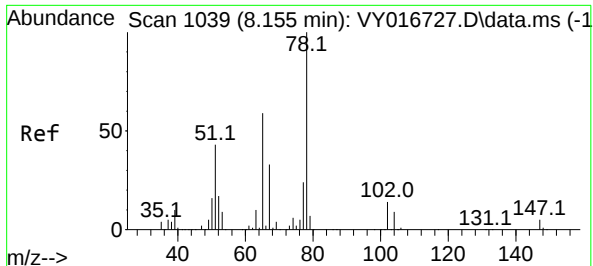
Tgt Ion:168 Resp: 112698
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#17
Carbon Disulfide
Concen: 2.035 ug/l
RT: 4.235 min Scan# 396
Delta R.T. 0.025 min
Lab File: VY016792.D
Acq: 22 Dec 2023 06:09

Tgt Ion: 76 Resp: 5892
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0





#33

1,2-Dichloroethane-d4

Concen: 50.568 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY016792.D

Acq: 22 Dec 2023 06:09

Instrument :

MSVOA_Y

ClientSampleId :

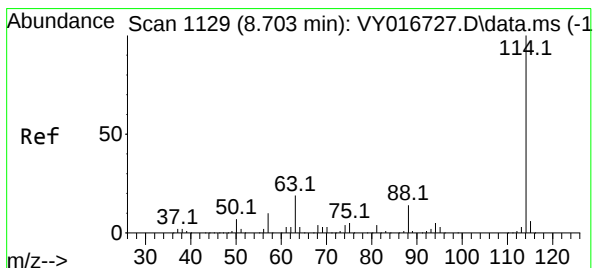
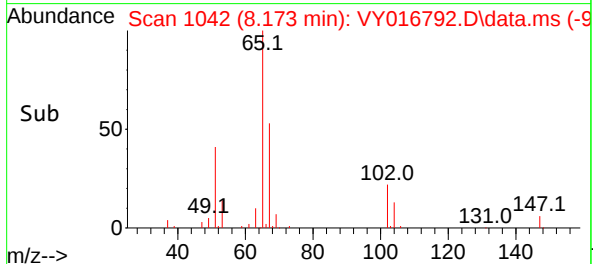
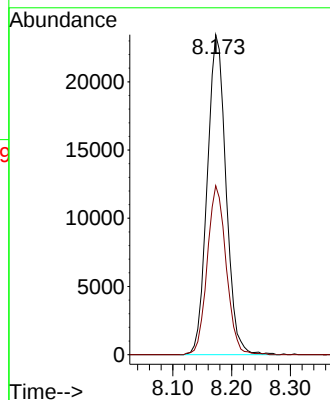
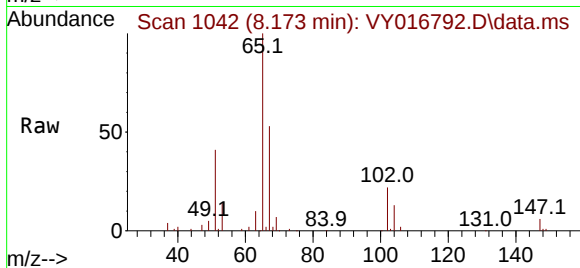
C0LY5

Tgt Ion: 65 Resp: 52025

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY016792.D

Acq: 22 Dec 2023 06:09

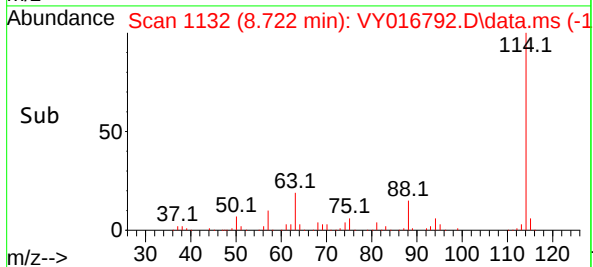
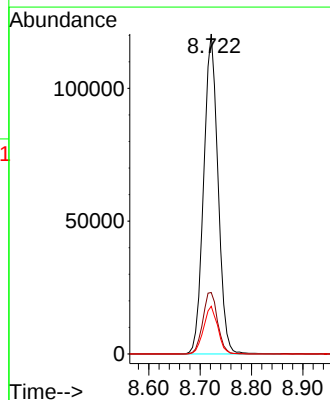
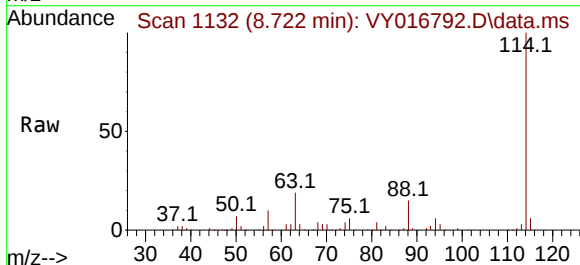
Tgt Ion: 114 Resp: 232392

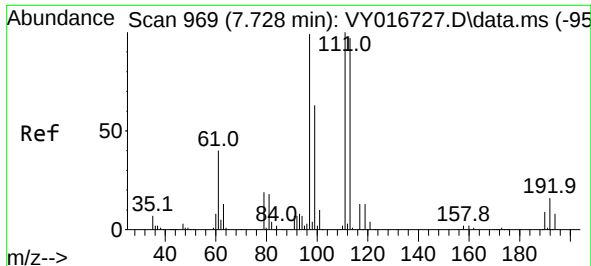
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.9 0.0 29.0

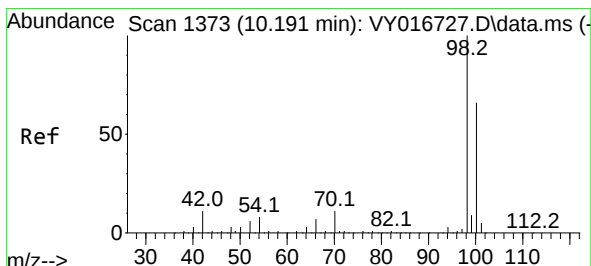
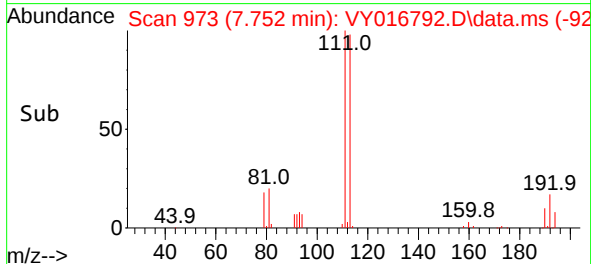
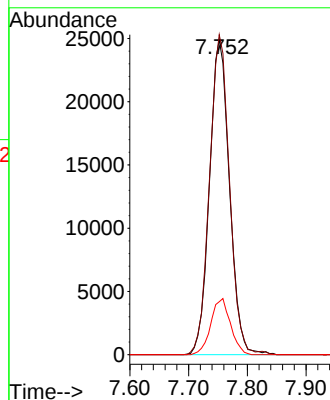
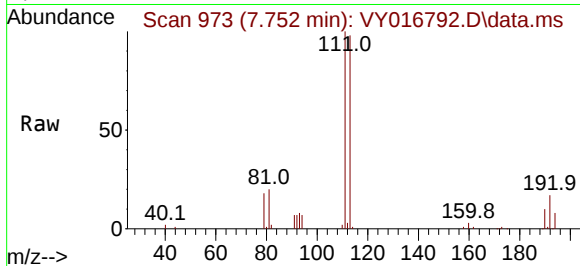




#35
Dibromofluoromethane
Concen: 44.219 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY016792.D
Acq: 22 Dec 2023 06:09

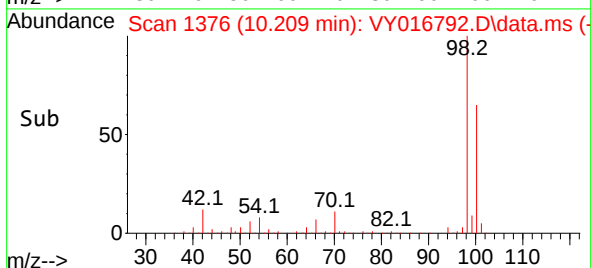
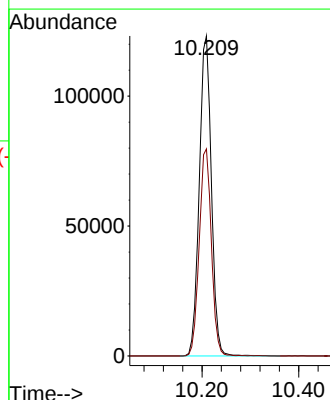
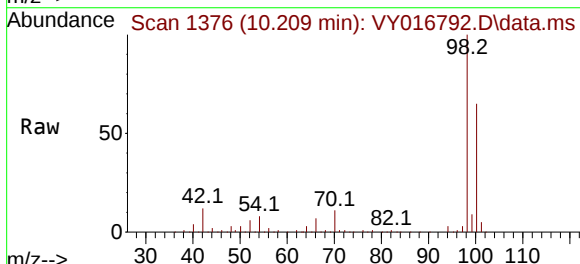
Instrument :
MSVOA_Y
ClientSampleId :
COLY5

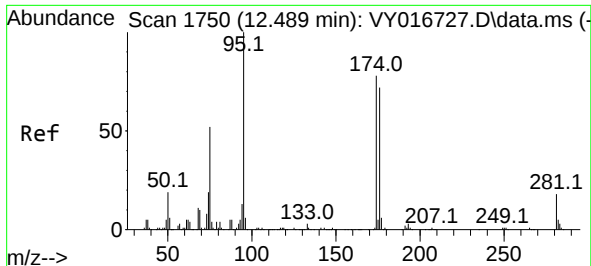
Tgt Ion:113 Resp: 58864
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 17.5 14.5 21.7



#50
Toluene-d8
Concen: 44.410 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY016792.D
Acq: 22 Dec 2023 06:09

Tgt Ion: 98 Resp: 213114
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

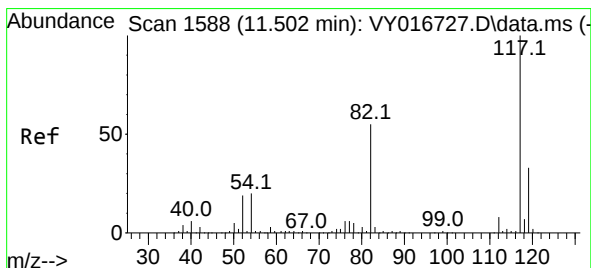
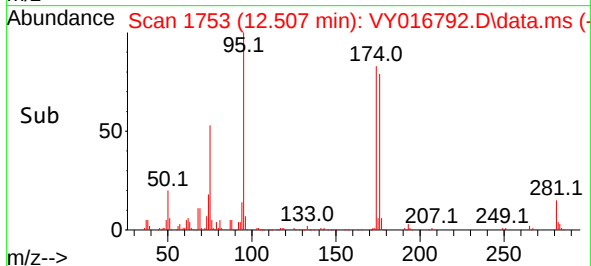
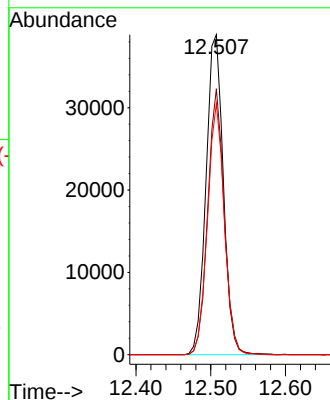
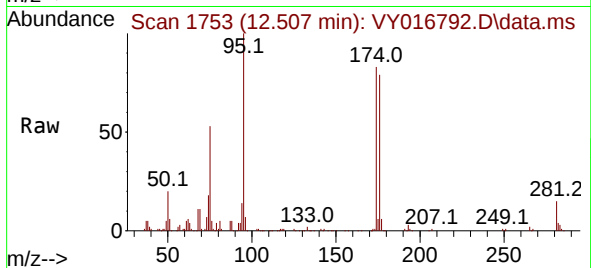




#62
4-Bromofluorobenzene
Concen: 40.176 ug/l
RT: 12.507 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016792.D
Acq: 22 Dec 2023 06:09

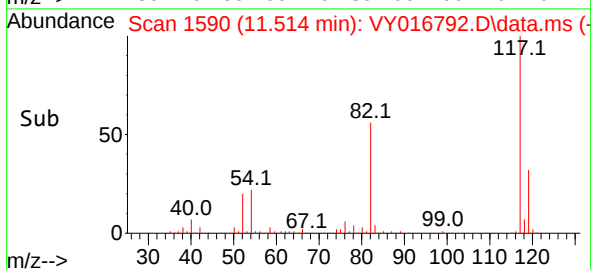
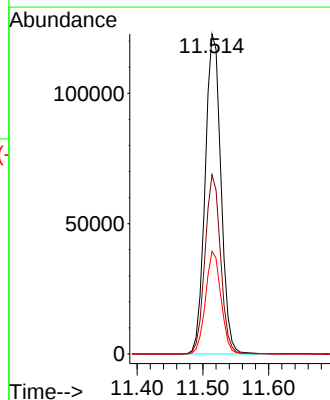
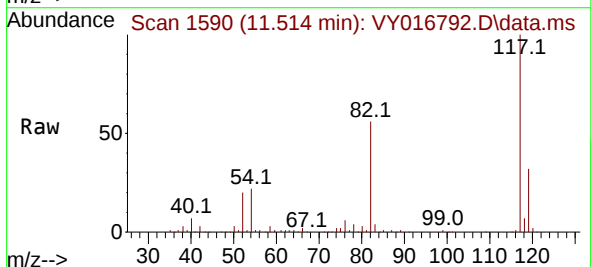
Instrument :
MSVOA_Y
ClientSampleId :
COLY5

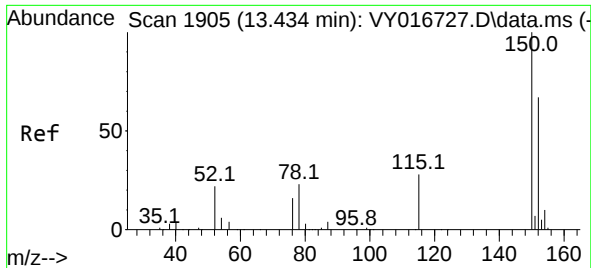
Tgt Ion: 95 Resp: 62550
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.0
176 76.0 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016792.D
Acq: 22 Dec 2023 06:09

Tgt Ion: 117 Resp: 205546
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.8
119 32.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016792.D

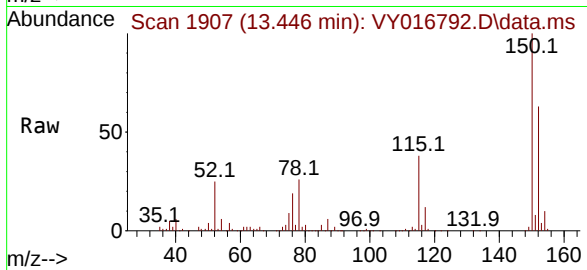
Acq: 22 Dec 2023 06:09

Instrument :

MSVOA_Y

ClientSampleId :

C0LY5



Tgt Ion:152 Resp: 68784

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 157.8 0.0 344.6

