

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016047.D
 Acq On : 19 Oct 2023 19:07
 Operator : SY/MD
 Sample : 04941-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-12017

Quant Time: Oct 20 05:40:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

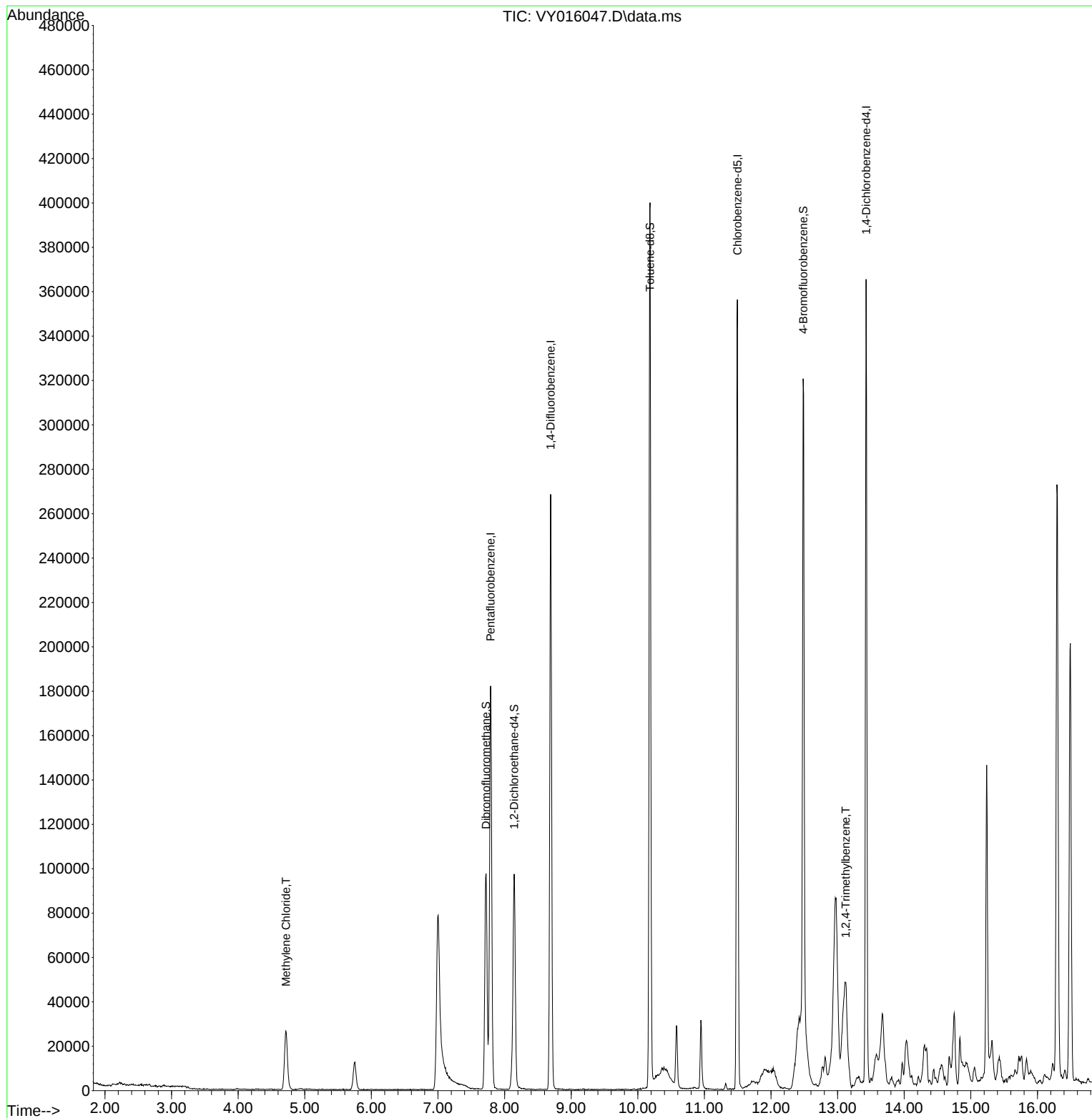
Internal Standards						
1) Pentafluorobenzene	7.789	168	141886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	202180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76390	47.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.740%
35) Dibromofluoromethane	7.722	113	71375	47.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.040%
50) Toluene-d8	10.185	98	266629	48.359	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.483	95	89280	45.382	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.760%
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	21036	11.846	ug/l	87
84) 1,2,4-Trimethylbenzene	13.123	105	6169	1.074	ug/l	98

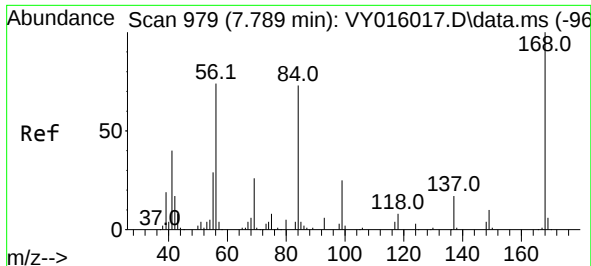
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016047.D
Acq On : 19 Oct 2023 19:07
Operator : SY/MD
Sample : 04941-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-12017

Quant Time: Oct 20 05:40:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration

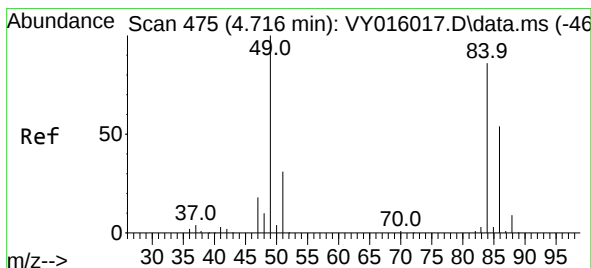
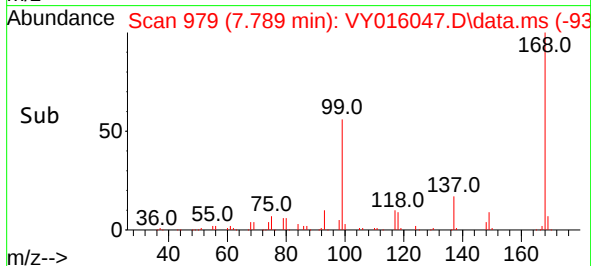
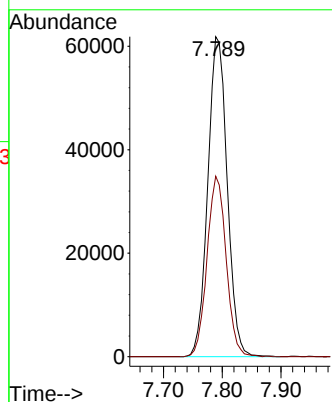
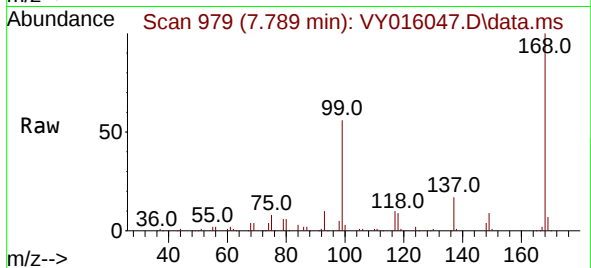




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

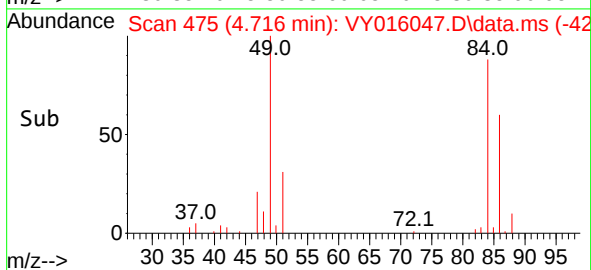
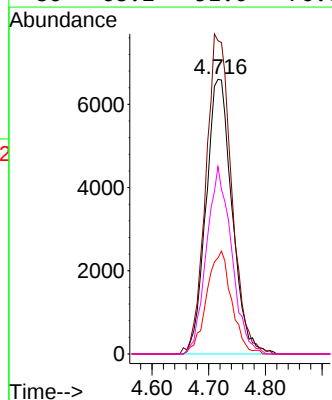
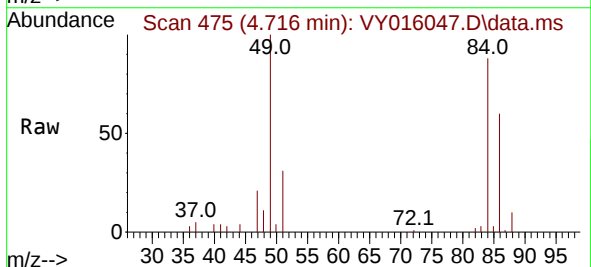
Instrument :
MSVOA_Y
ClientSampleId :
72-12017

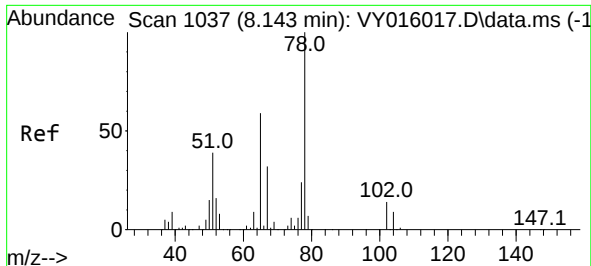
Tgt Ion:168 Resp: 141886
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#20
Methylene Chloride
Concen: 11.846 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

Tgt Ion: 84 Resp: 21036
Ion Ratio Lower Upper
84 100
49 114.1 106.9 160.3
51 35.0 33.2 49.8
86 68.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 47.370 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016047.D

Acq: 19 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

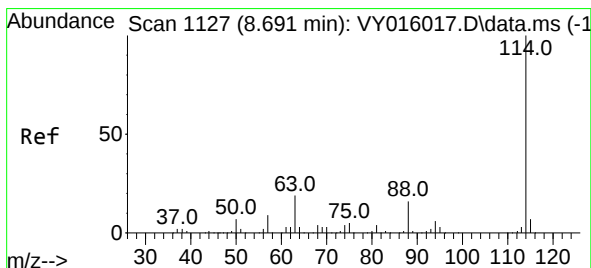
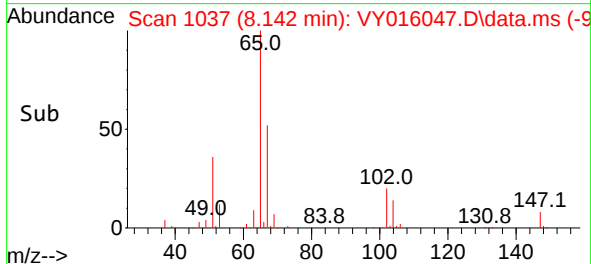
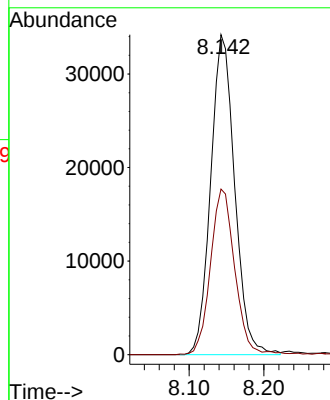
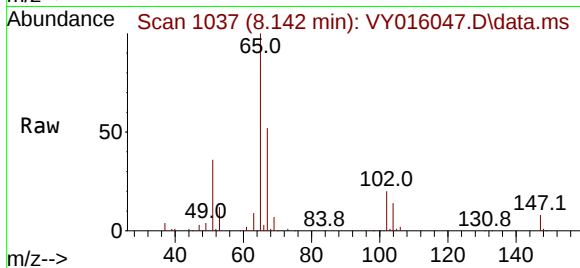
72-12017

Tgt Ion: 65 Resp: 76390

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016047.D

Acq: 19 Oct 2023 19:07

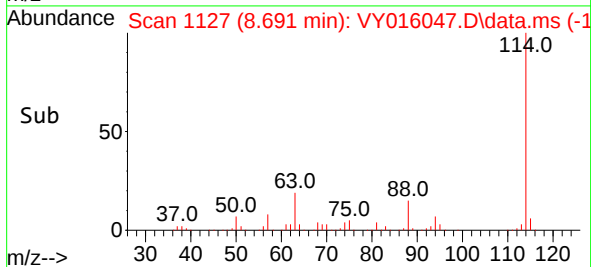
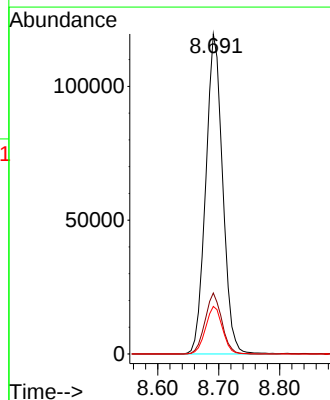
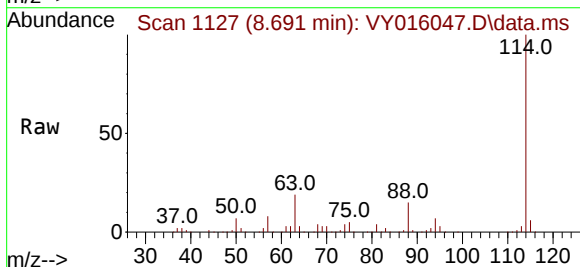
Tgt Ion:114 Resp: 230642

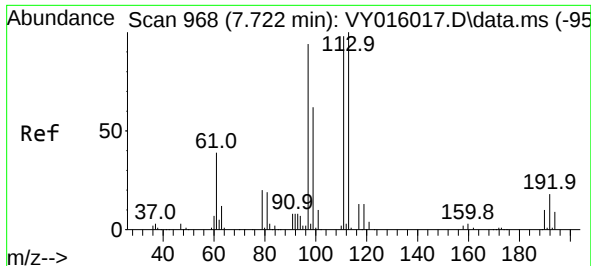
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.8 0.0 30.6

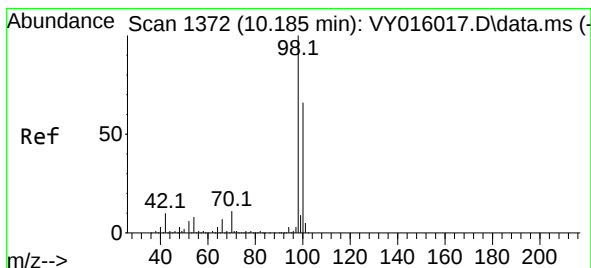
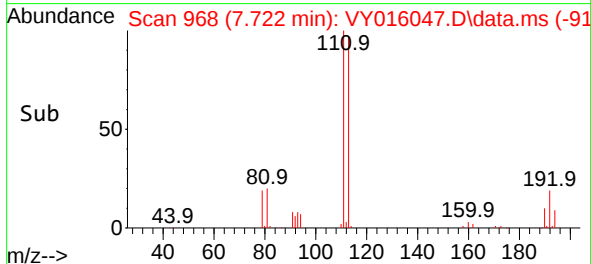
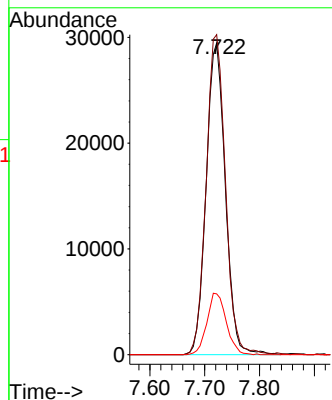
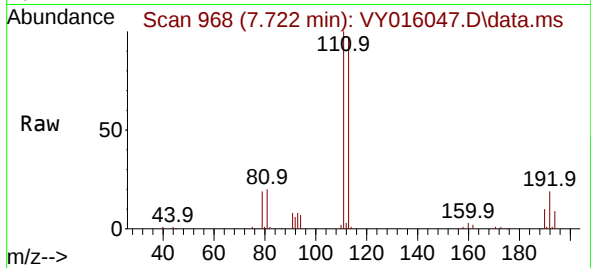




#35
Dibromofluoromethane
Concen: 47.016 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

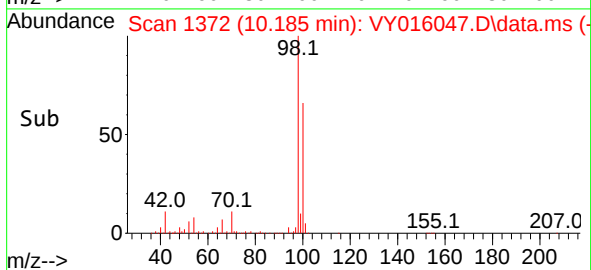
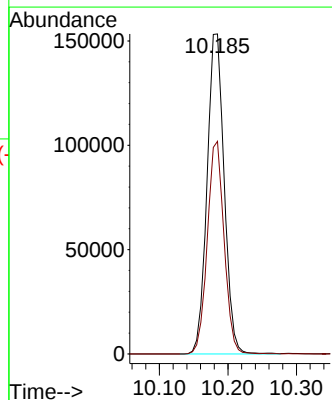
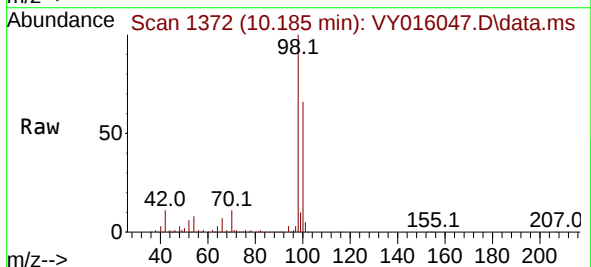
Instrument :
MSVOA_Y
ClientSampleId :
72-12017

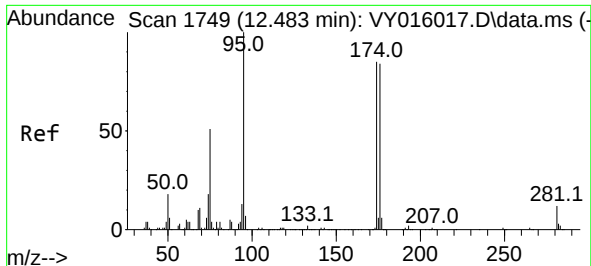
Tgt Ion:113 Resp: 71375
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 48.359 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

Tgt Ion: 98 Resp: 266629
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

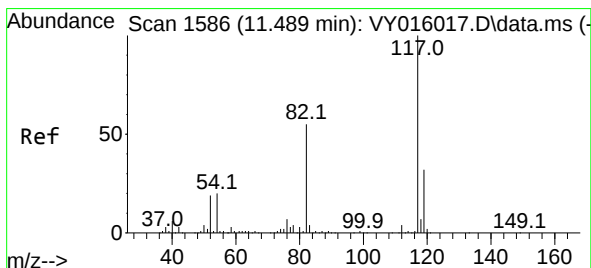
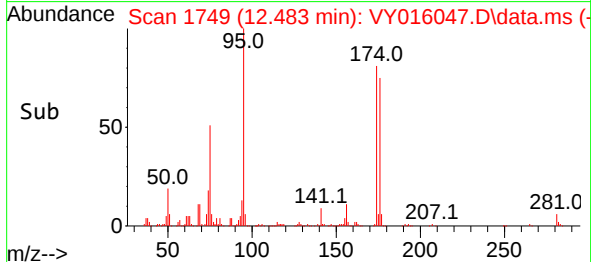
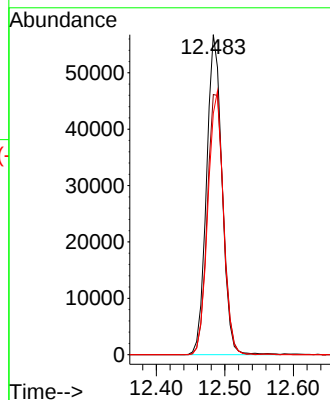
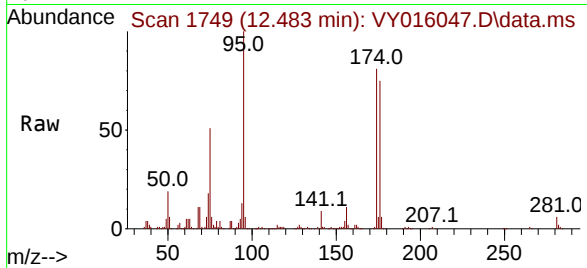




#62
4-Bromofluorobenzene
Concen: 45.382 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

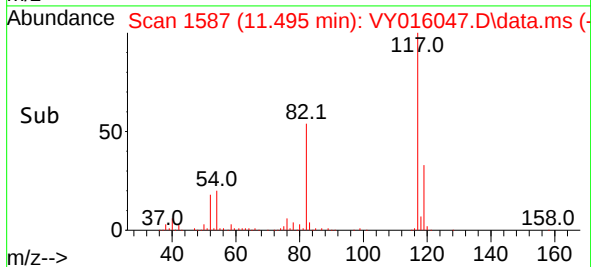
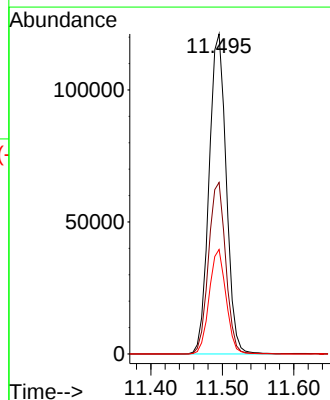
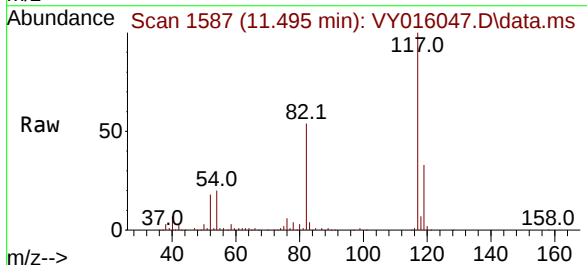
Instrument :
MSVOA_Y
ClientSampleId :
72-12017

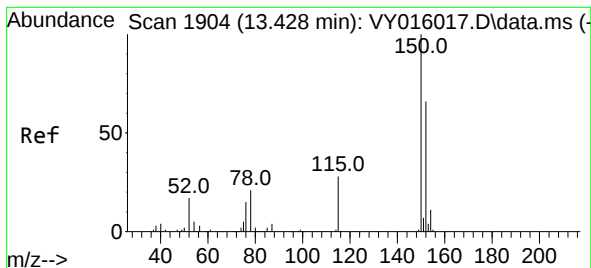
Tgt Ion: 95 Resp: 89280
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 82.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

Tgt Ion: 117 Resp: 202180
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 32.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY016047.D

Acq: 19 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

72-12017

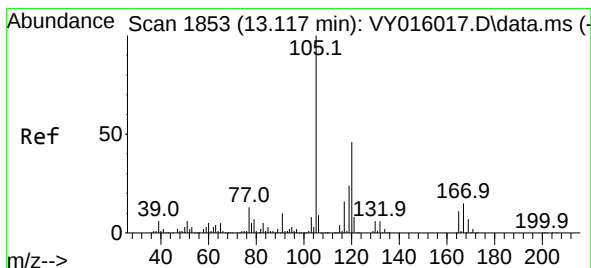
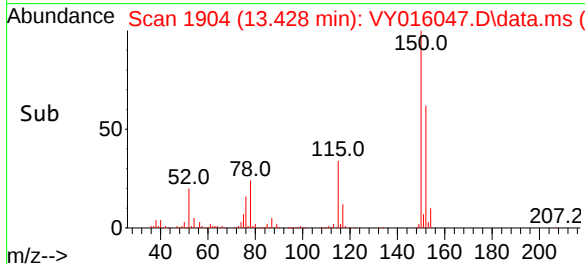
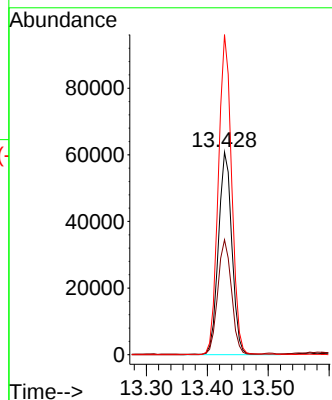
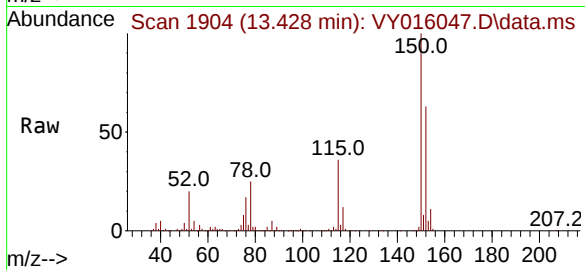
Tgt Ion:152 Resp: 93339

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 156.3 0.0 348.8



#84

1,2,4-Trimethylbenzene

Concen: 1.074 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016047.D

Acq: 19 Oct 2023 19:07

Tgt Ion:105 Resp: 6169

Ion Ratio Lower Upper

105 100

120 43.0 22.2 66.6

