

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015004.D
 Acq On : 09 Aug 2023 14:44
 Operator : SY/MD
 Sample : 03939-06
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1748-1719-1750-1751-1752-1753-1754

Quant Time: Aug 10 01:45:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	244414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	416426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	401193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	159180	53.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.460%	
35) Dibromofluoromethane	7.710	113	134253	50.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.820%	
50) Toluene-d8	10.173	98	493824	48.721	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.440%	
62) 4-Bromofluorobenzene	12.477	95	188566	52.491	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.980%	

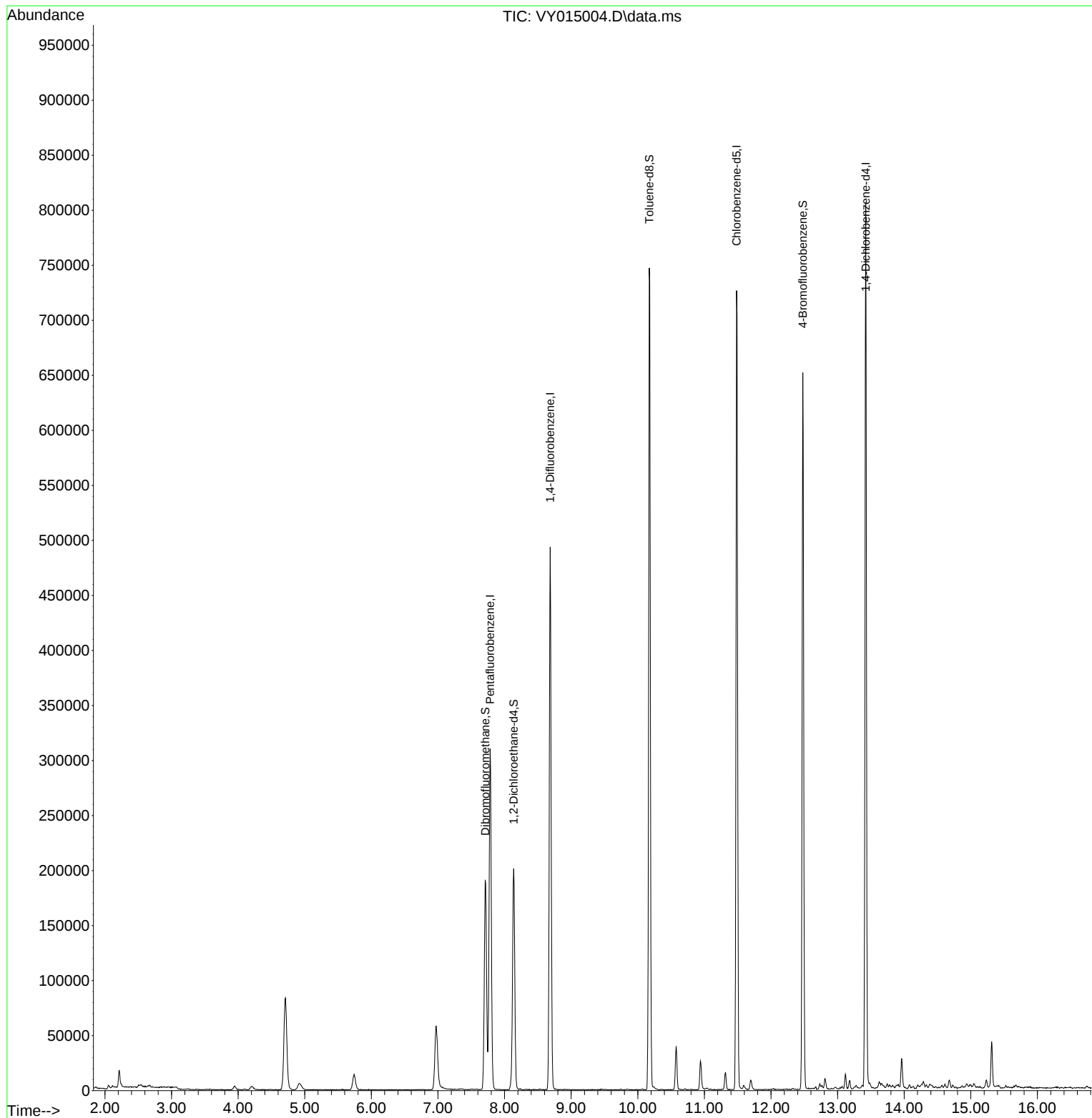
Target Compounds	Qvalue

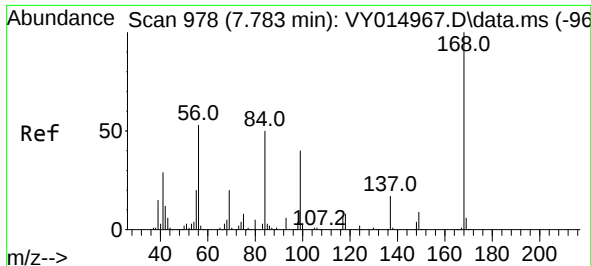
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015004.D
Acq On : 09 Aug 2023 14:44
Operator : SY/MD
Sample : 03939-06
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ORA-1748-1719-1750-1751-1752-1753-1754

Quant Time: Aug 10 01:45:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration

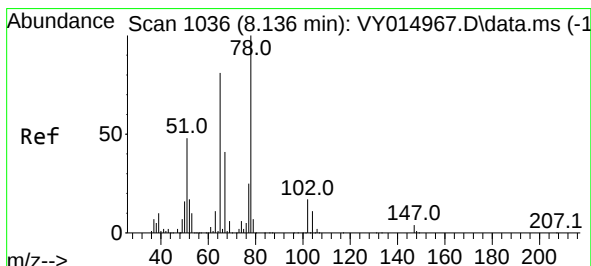
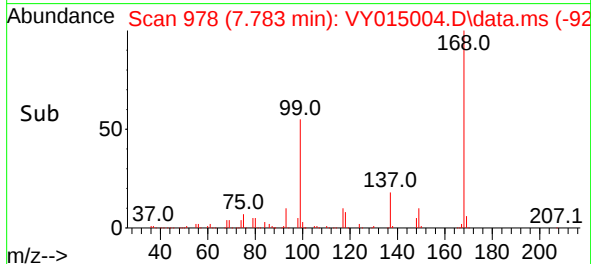
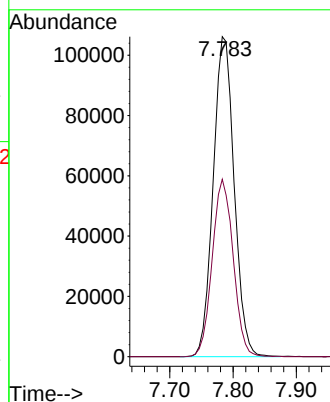
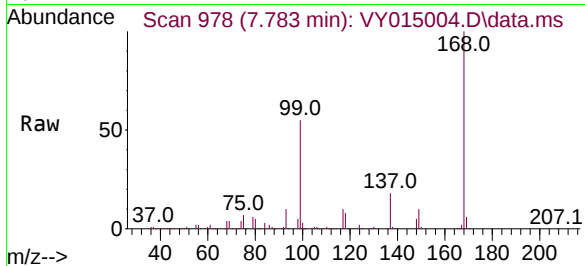




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015004.D
Acq: 09 Aug 2023 14:44

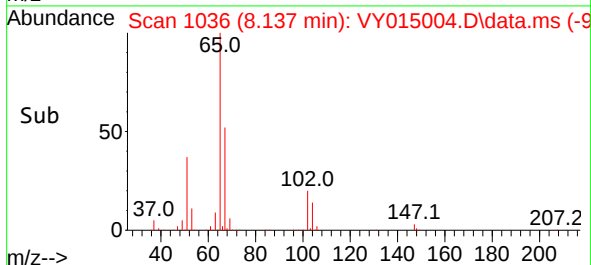
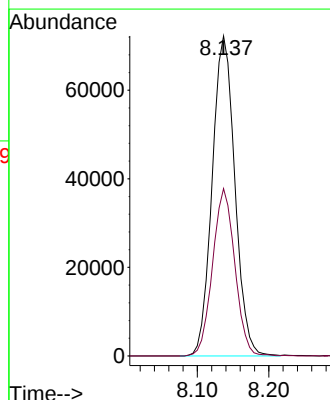
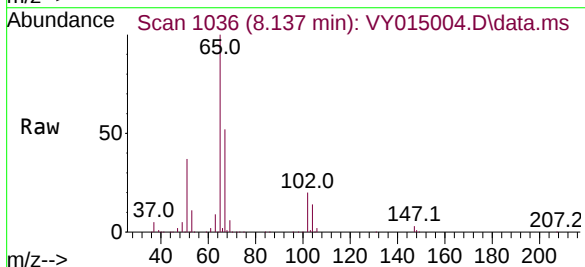
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1748-1719-1750-1751-1752-1753-1754

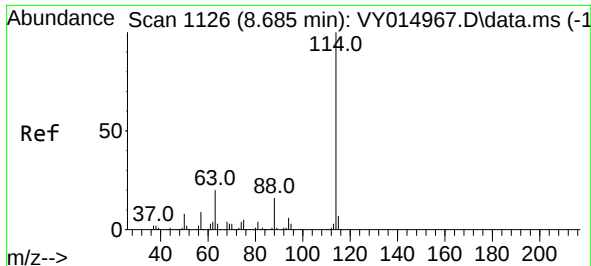
Tgt Ion:168 Resp: 244414
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.734 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015004.D
Acq: 09 Aug 2023 14:44

Tgt Ion: 65 Resp: 159180
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015004.D

Acq: 09 Aug 2023 14:44

Instrument :

MSVOA_Y

ClientSampleId :

ORA-1748-1719-1750-1751-1752-1753-1754

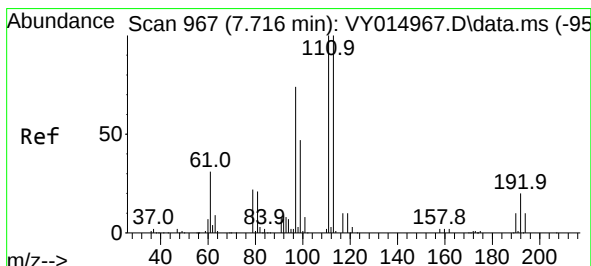
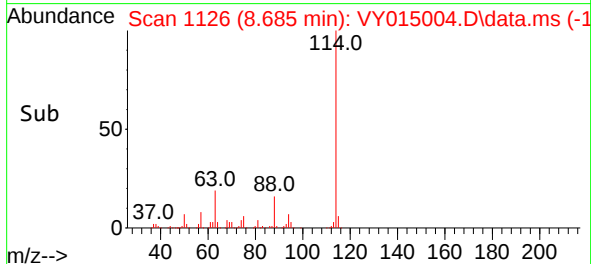
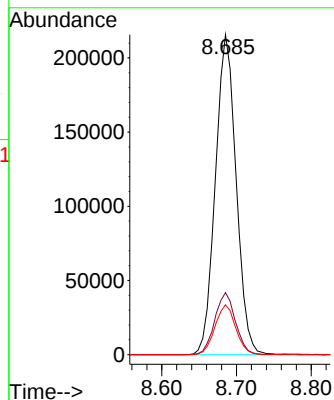
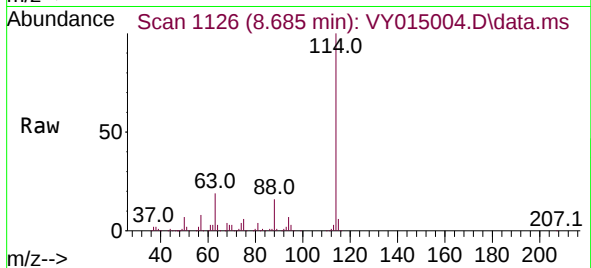
Tgt Ion:114 Resp: 416426

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.415 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015004.D

Acq: 09 Aug 2023 14:44

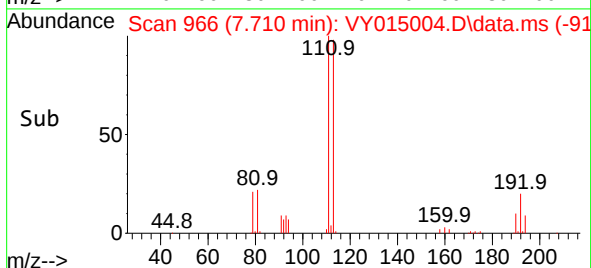
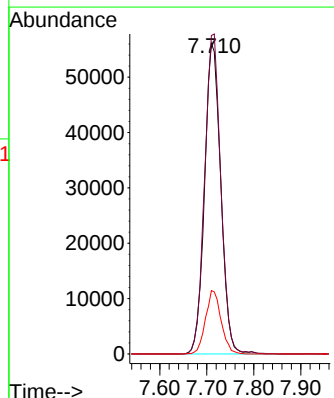
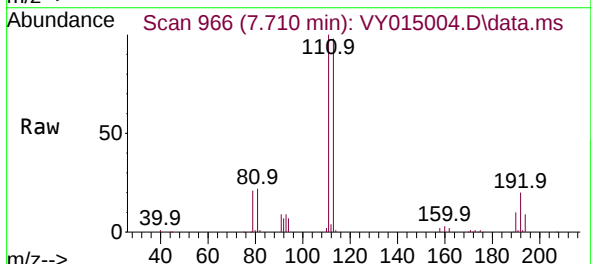
Tgt Ion:113 Resp: 134253

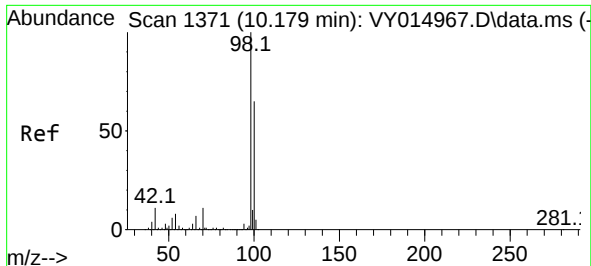
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 19.6 16.9 25.3

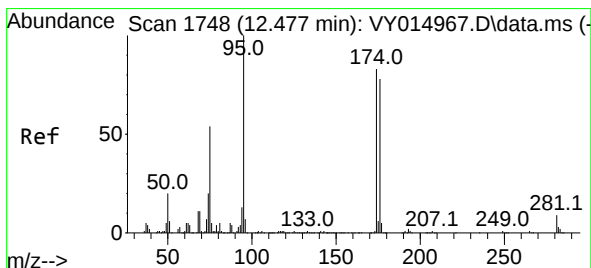
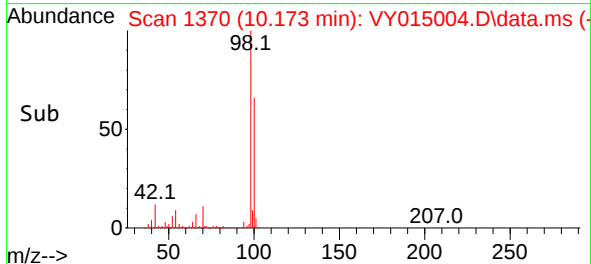
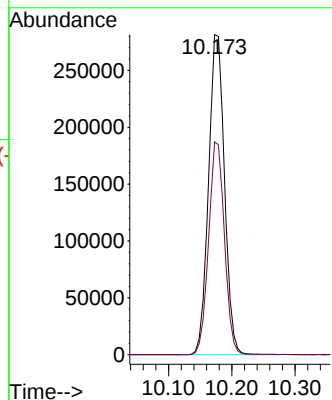
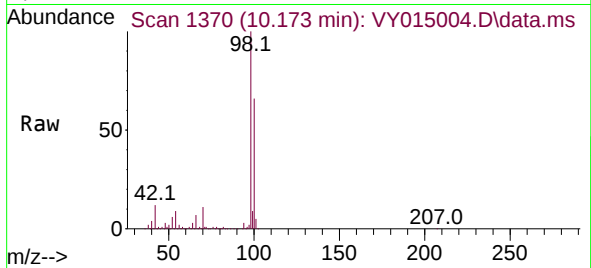




#50
Toluene-d8
Concen: 48.721 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015004.D
Acq: 09 Aug 2023 14:44

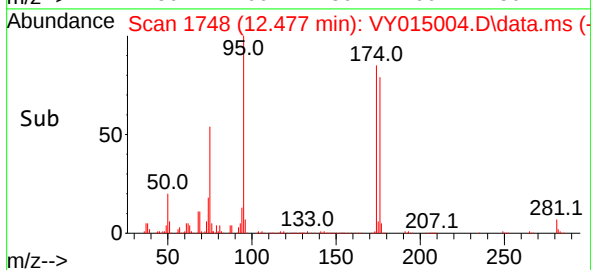
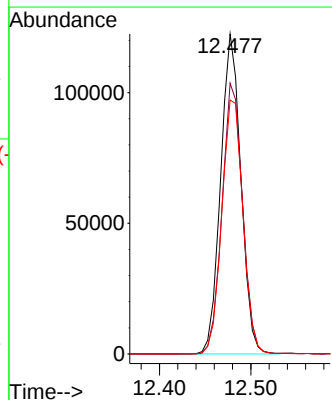
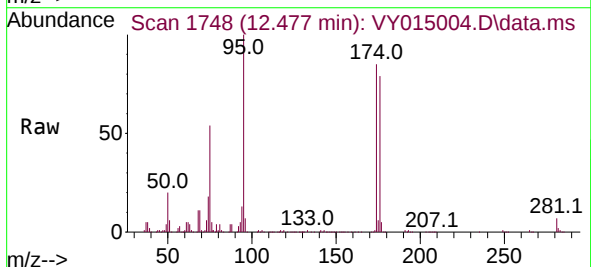
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1748-1719-1750-1751-1752-1753-1754

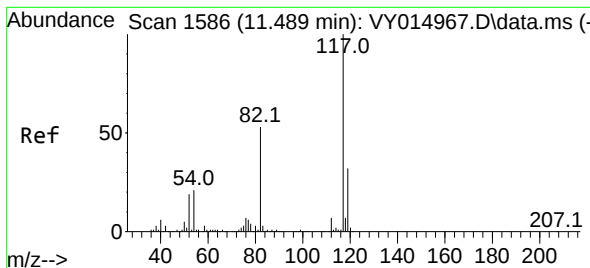
Tgt Ion: 98 Resp: 493824
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.491 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015004.D
Acq: 09 Aug 2023 14:44

Tgt Ion: 95 Resp: 188566
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 83.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015004.D

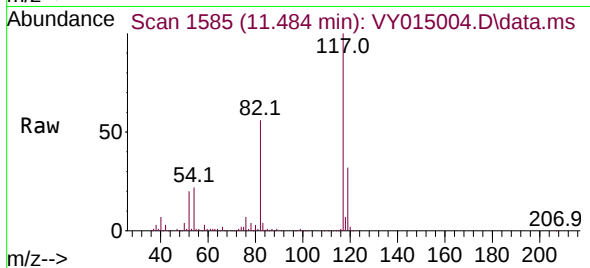
Acq: 09 Aug 2023 14:44

Instrument :

MSVOA_Y

ClientSampleId :

ORA-1748-1719-1750-1751-1752-1753-1754



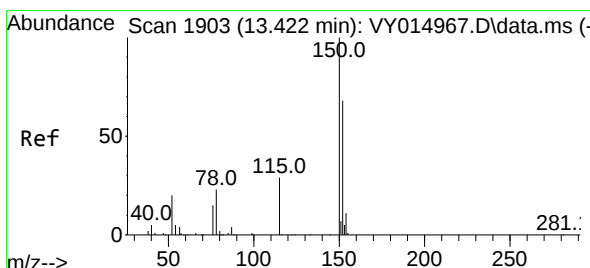
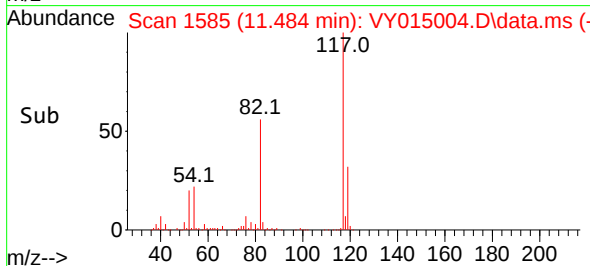
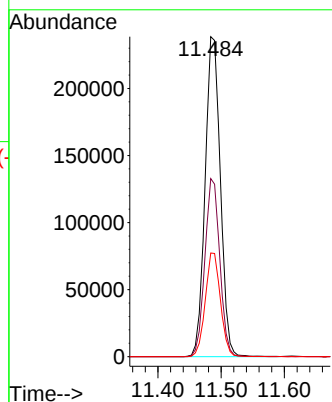
Tgt Ion:117 Resp: 401193

Ion Ratio Lower Upper

117 100

82 55.7 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015004.D

Acq: 09 Aug 2023 14:44

Tgt Ion:152 Resp: 201184

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 157.1 0.0 348.8

