

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014519.D
 Acq On : 30 Jun 2023 16:42
 Operator : KP/MD
 Sample : VY0630SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBL01

Quant Time: Jun 30 23:18:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	294972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	467857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	447690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	216619	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165223	56.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.620%
35) Dibromofluoromethane	7.710	113	150407	52.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.400%
50) Toluene-d8	10.179	98	553119	48.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.477	95	183573	46.417	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.840%

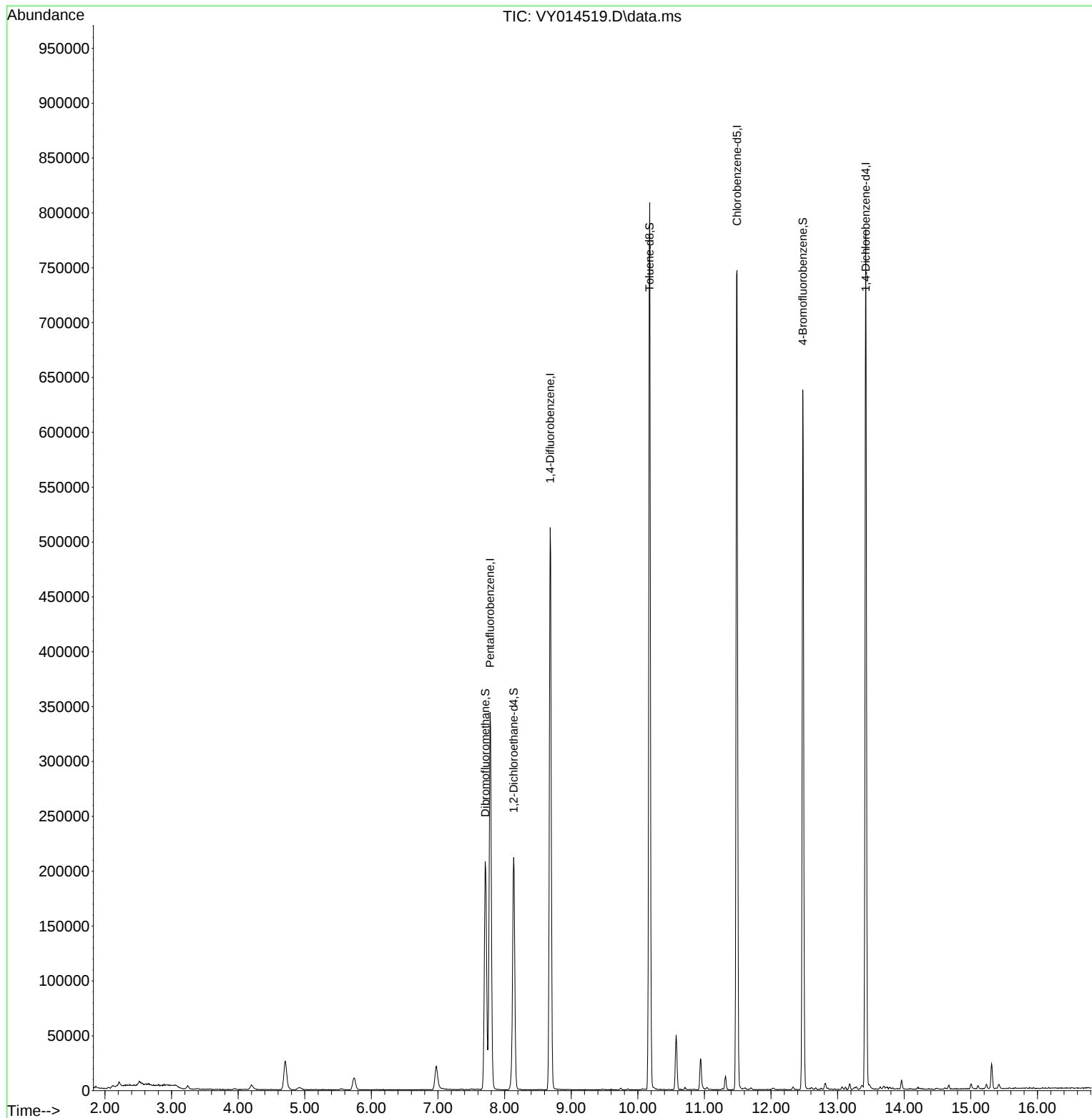
Target Compounds	Qvalue

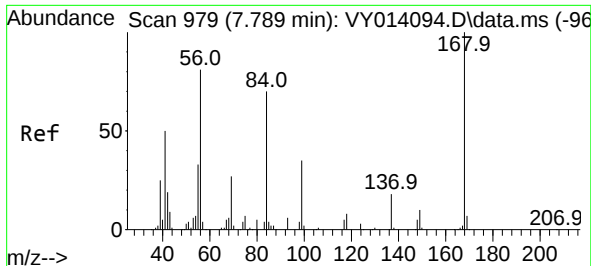
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
Data File : VY014519.D
Acq On : 30 Jun 2023 16:42
Operator : KP/MD
Sample : VY0630SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBL01

Quant Time: Jun 30 23:18:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

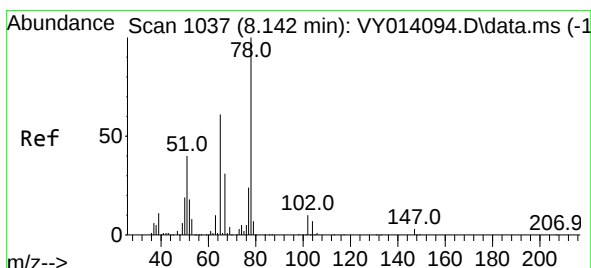
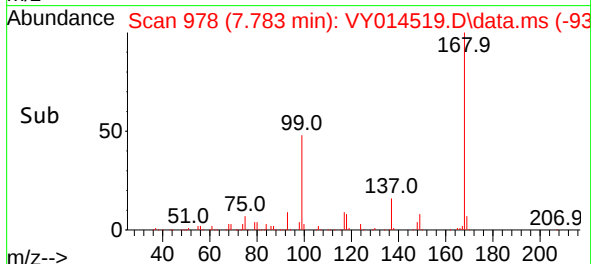
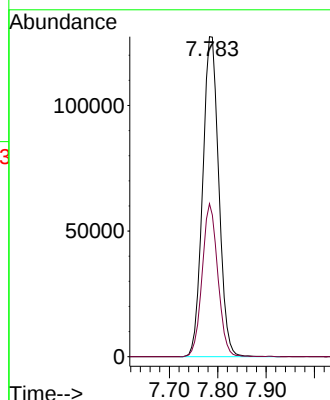
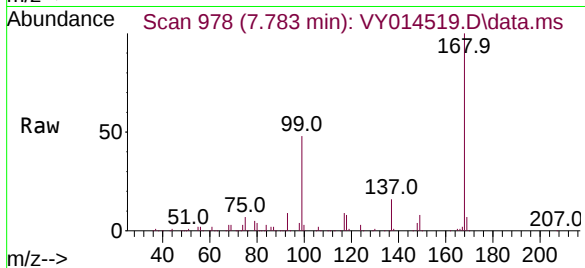




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

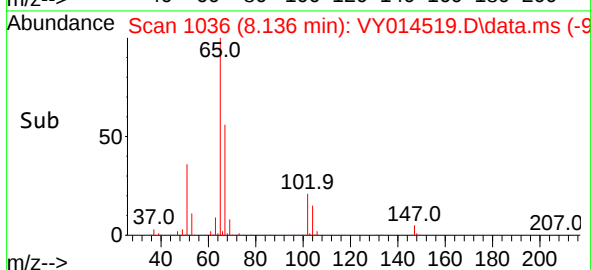
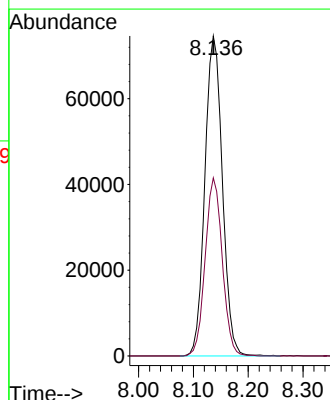
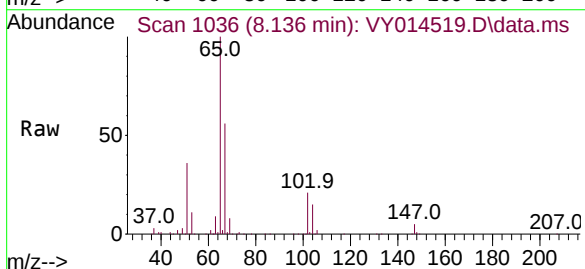
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBL01

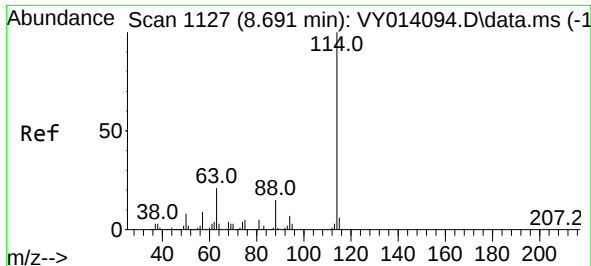
Tgt Ion:168 Resp: 294972
Ion Ratio Lower Upper
168 100
99 47.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.307 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

Tgt Ion: 65 Resp: 165223
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.8

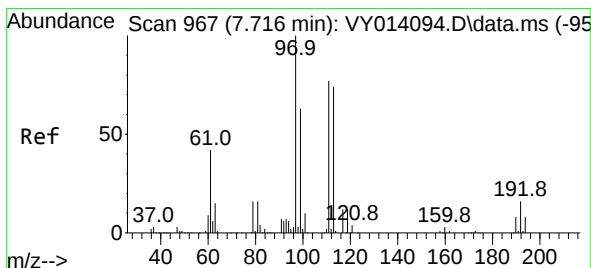
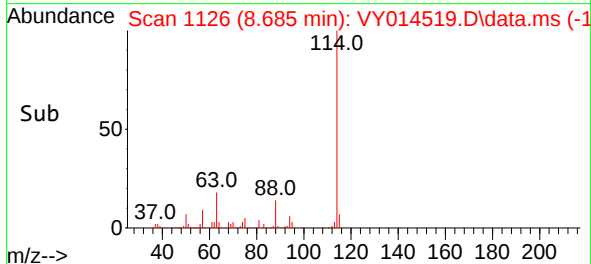
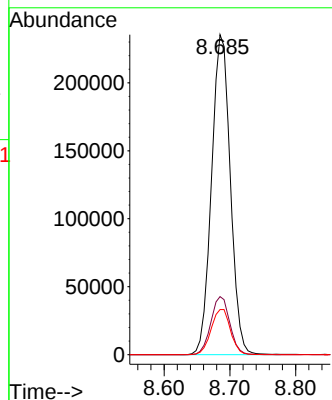
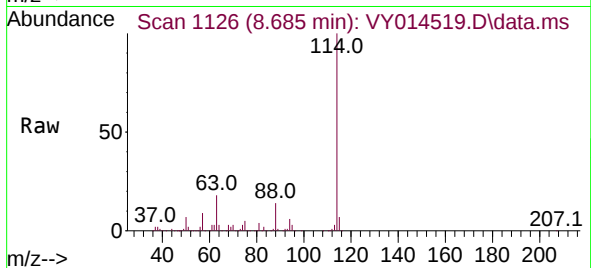




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

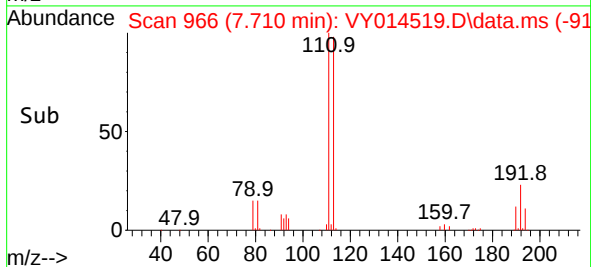
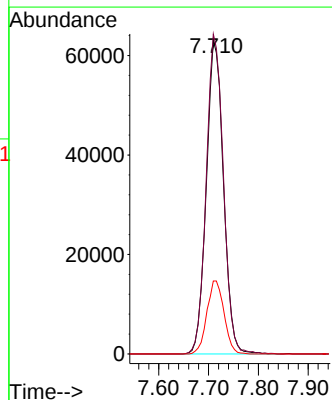
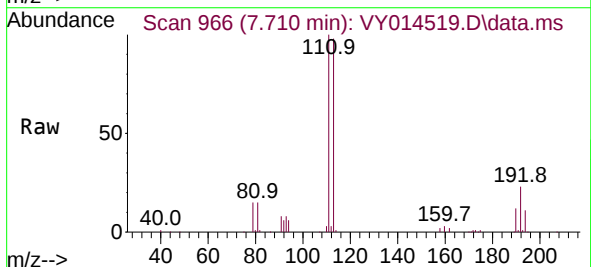
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBL01

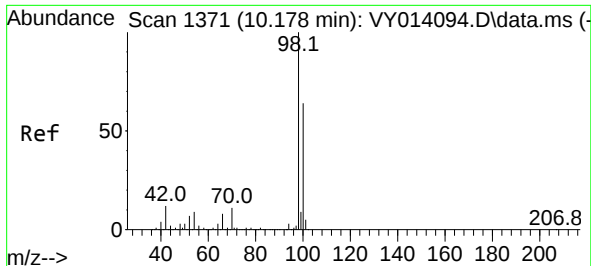
Tgt Ion:114 Resp: 467857
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.4
88 14.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.205 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

Tgt Ion:113 Resp: 150407
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 23.3 16.9 25.3

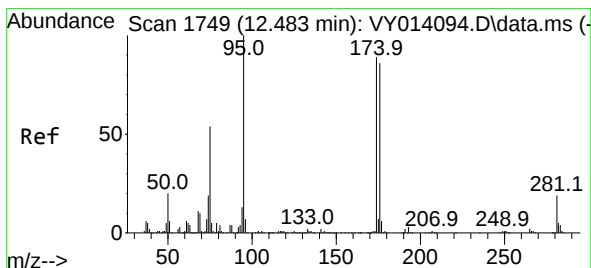
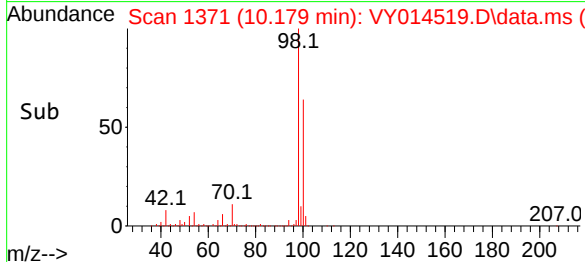
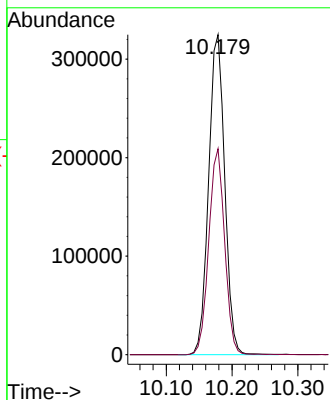
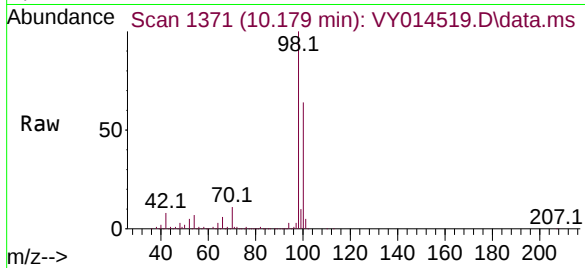




#50
Toluene-d8
Concen: 48.565 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

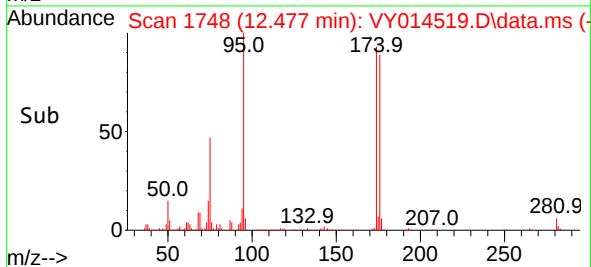
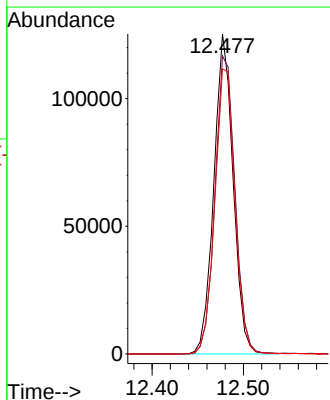
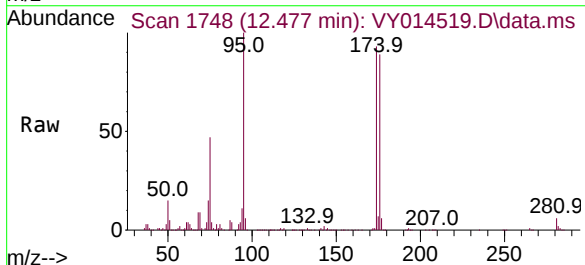
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBL01

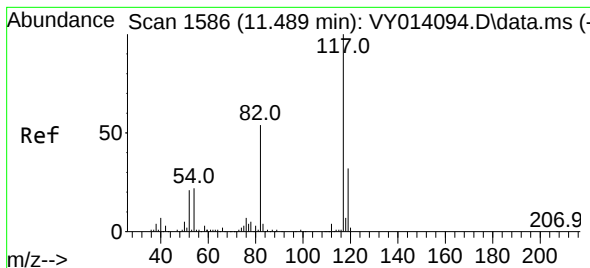
Tgt Ion: 98 Resp: 553119
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.417 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

Tgt Ion: 95 Resp: 183573
Ion Ratio Lower Upper
95 100
174 97.3 0.0 178.2
176 93.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014519.D

Acq: 30 Jun 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBL01

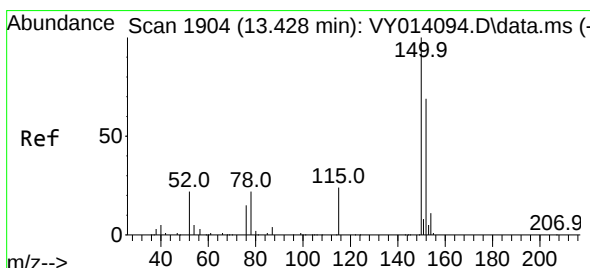
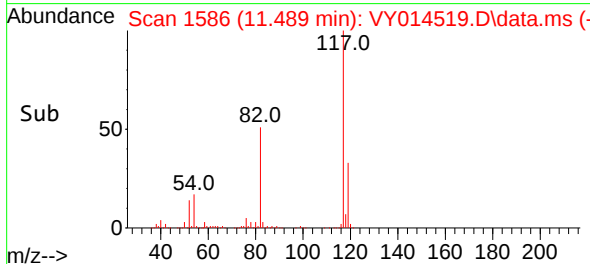
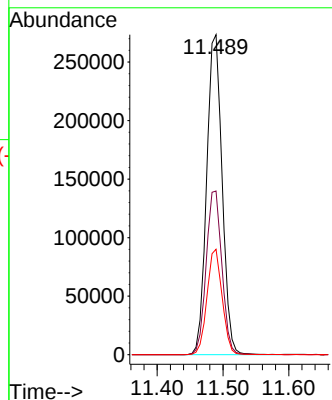
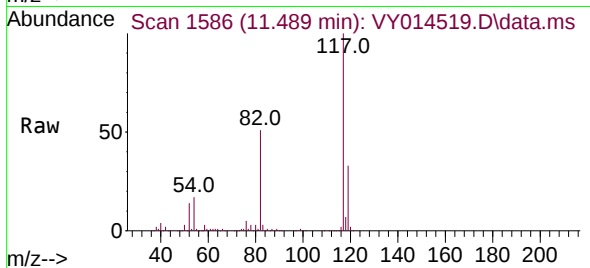
Tgt Ion:117 Resp: 447690

Ion Ratio Lower Upper

117 100

82 51.2 43.4 65.0

119 33.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014519.D

Acq: 30 Jun 2023 16:42

Tgt Ion:152 Resp: 216619

Ion Ratio Lower Upper

152 100

115 53.6 28.8 86.5

150 156.2 0.0 348.8

