

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014648.D
 Acq On : 14 Jul 2023 15:27
 Operator : SY/MD
 Sample : 03621-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-071323

Quant Time: Jul 14 23:11:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

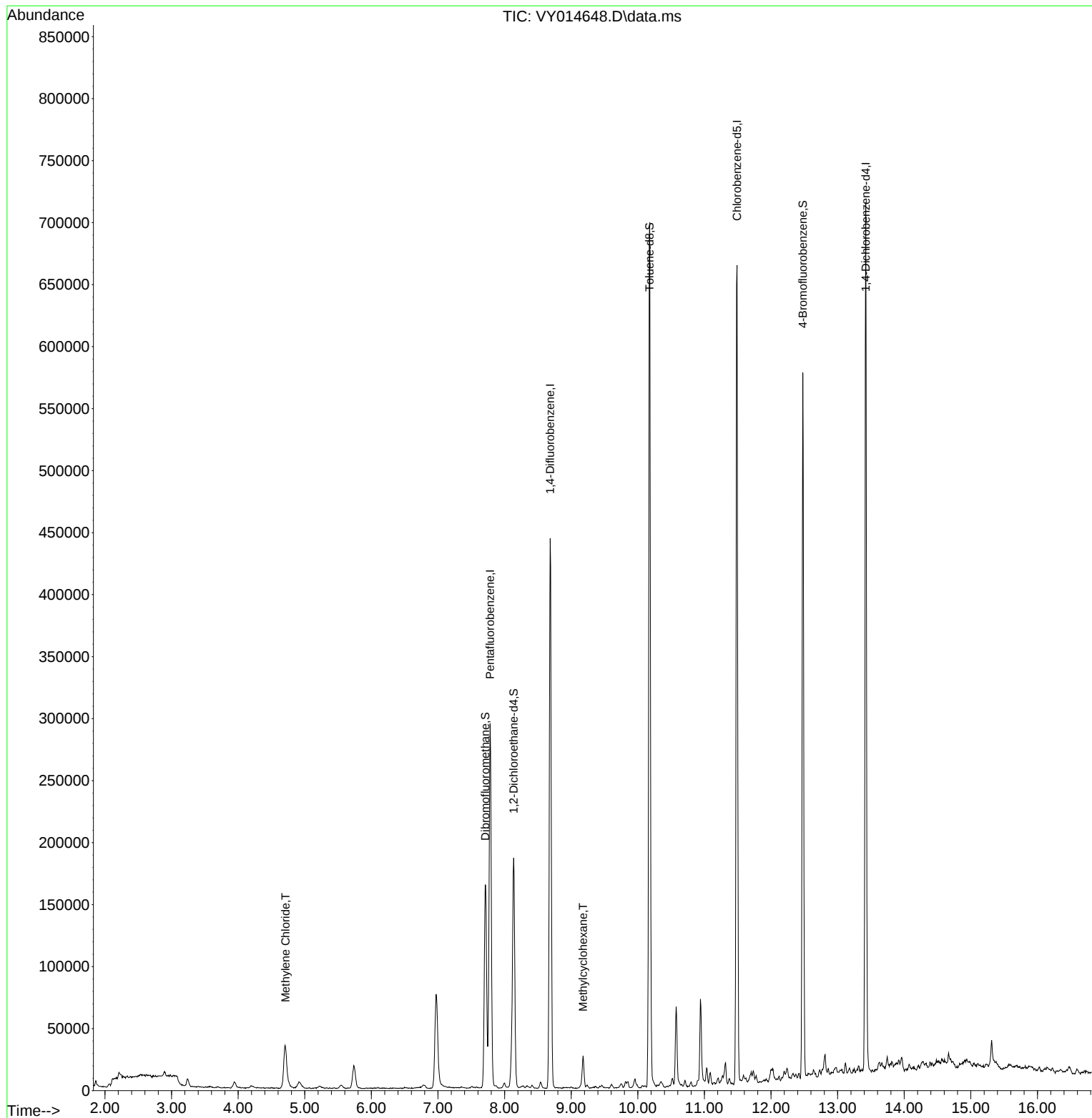
Internal Standards						
1) Pentafluorobenzene	7.783	168	224239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	386231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	361619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	135743	53.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.240%	
35) Dibromofluoromethane	7.710	113	120981	49.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.420%	
50) Toluene-d8	10.179	98	456440	50.355	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.477	95	172119	49.521	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.040%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	25896	6.140	ug/l	95
39) Methylcyclohexane	9.179	83	10284	2.147	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014648.D
Acq On : 14 Jul 2023 15:27
Operator : SY/MD
Sample : 03621-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-071323

Quant Time: Jul 14 23:11:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

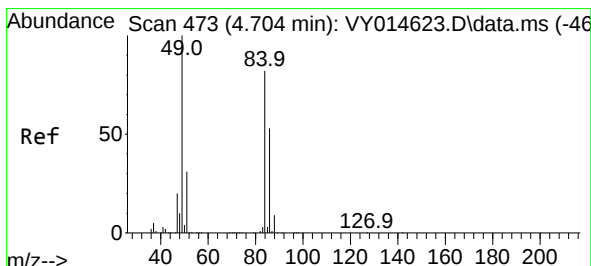
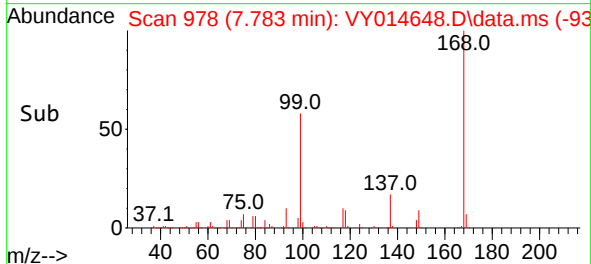
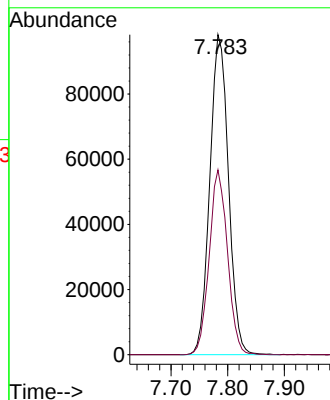
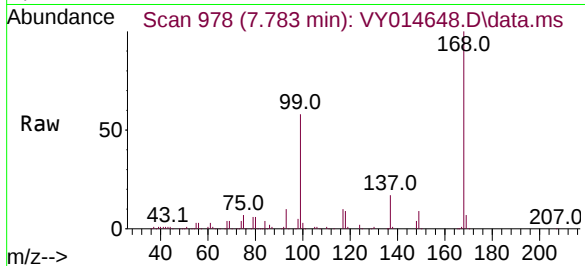




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014648.D
Acq: 14 Jul 2023 15:27

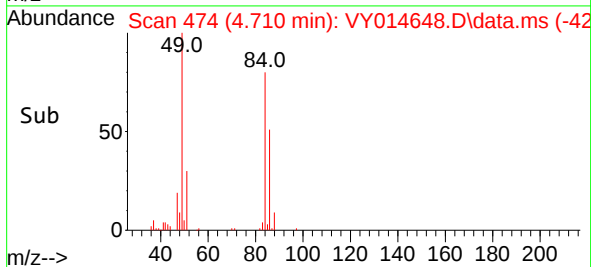
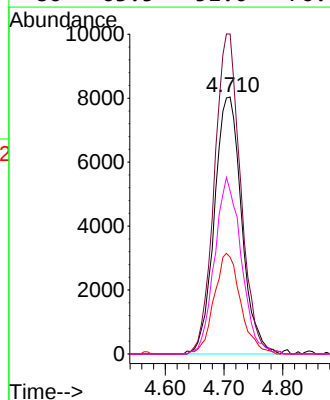
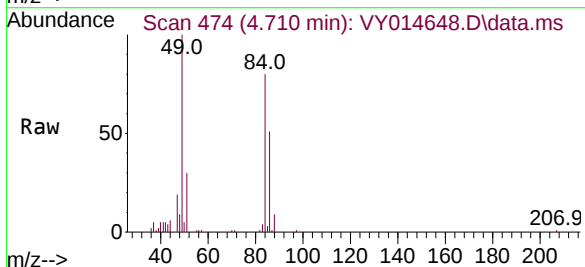
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-071323

Tgt Ion:168 Resp: 224239
Ion Ratio Lower Upper
168 100
99 57.7 43.4 65.0



#20
Methylene Chloride
Concen: 6.140 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014648.D
Acq: 14 Jul 2023 15:27

Tgt Ion: 84 Resp: 25896
Ion Ratio Lower Upper
84 100
49 124.5 106.9 160.3
51 37.7 33.2 49.8
86 63.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.122 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014648.D

Acq: 14 Jul 2023 15:27

Instrument :

MSVOA_Y

ClientSampleId :

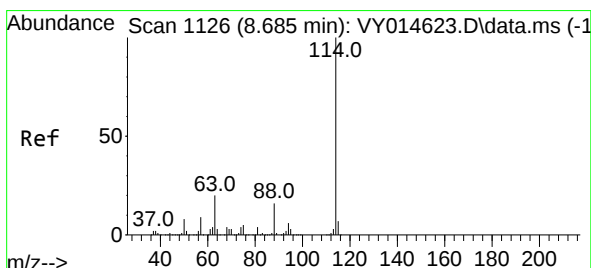
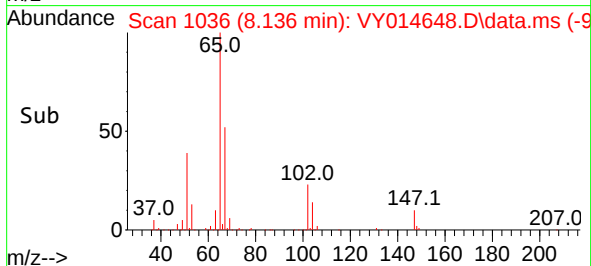
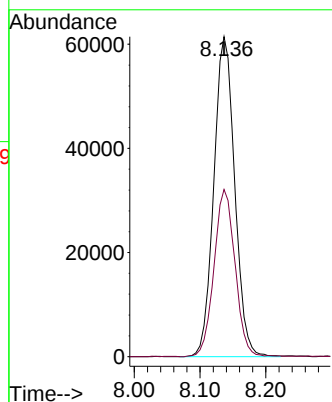
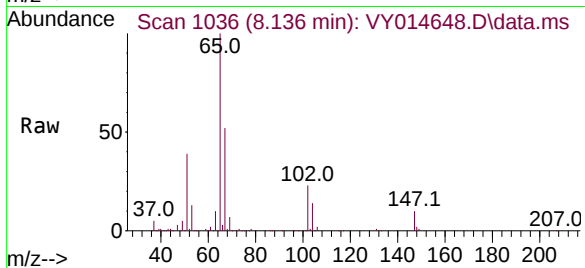
OR-03-071323

Tgt Ion: 65 Resp: 135743

Ion Ratio Lower Upper

65 100

67 52.8 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: VY014648.D

Acq: 14 Jul 2023 15:27

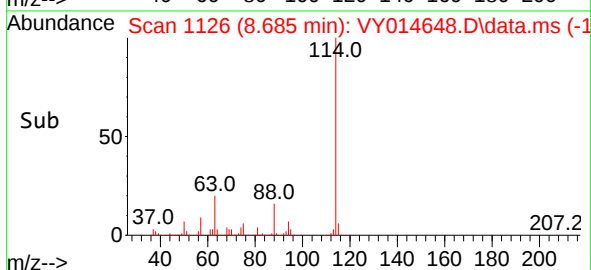
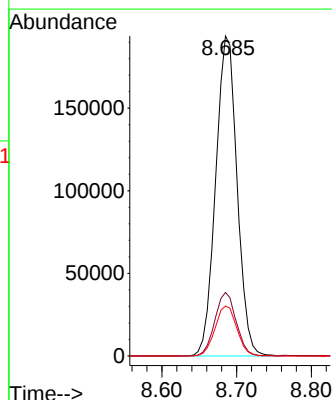
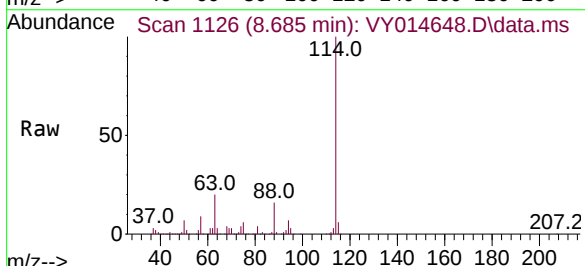
Tgt Ion:114 Resp: 386231

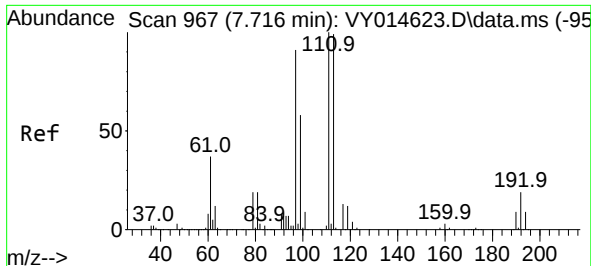
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.6 0.0 30.6

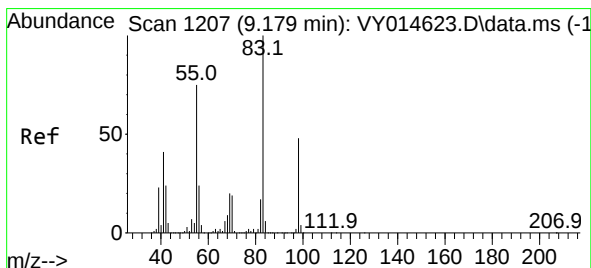
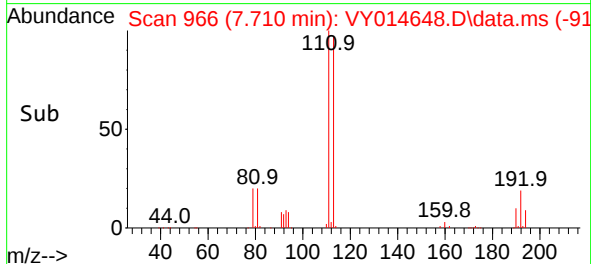
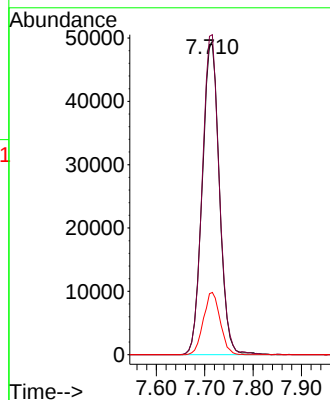
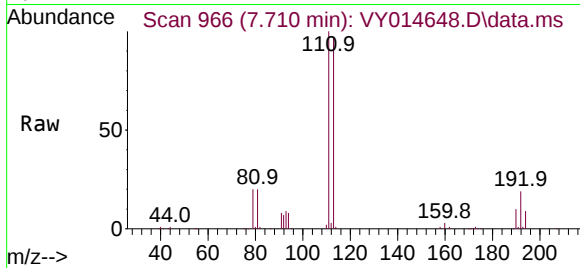




#35
Dibromofluoromethane
Concen: 49.206 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014648.D
Acq: 14 Jul 2023 15:27

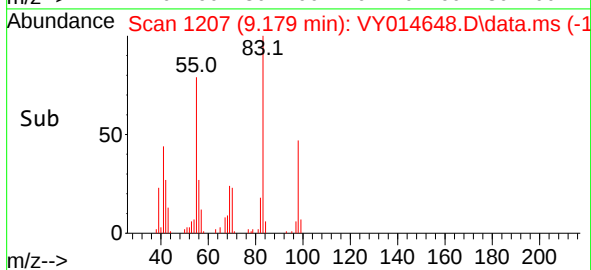
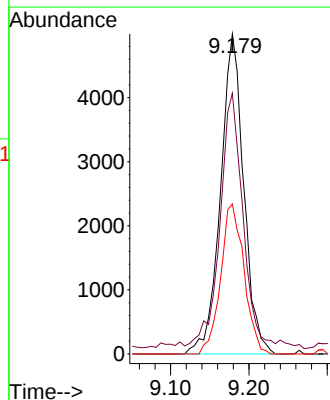
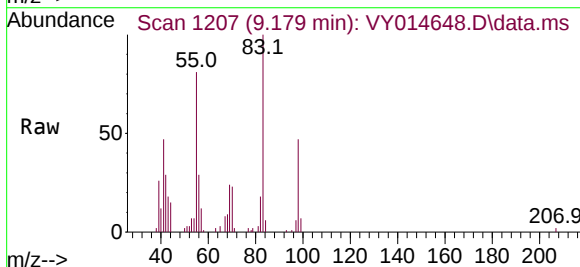
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-071323

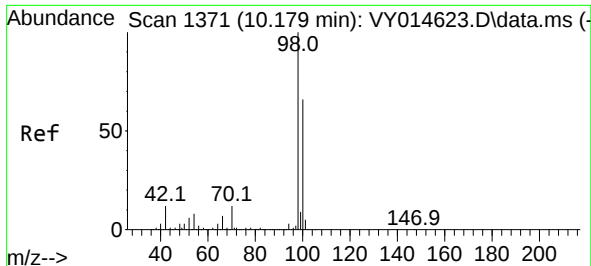
Tgt Ion:113 Resp: 120981
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.6 16.9 25.3



#39
Methylcyclohexane
Concen: 2.147 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY014648.D
Acq: 14 Jul 2023 15:27

Tgt Ion: 83 Resp: 10284
Ion Ratio Lower Upper
83 100
55 77.8 63.0 94.4
98 46.9 37.4 56.2

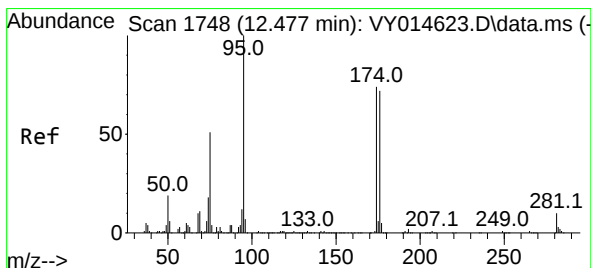
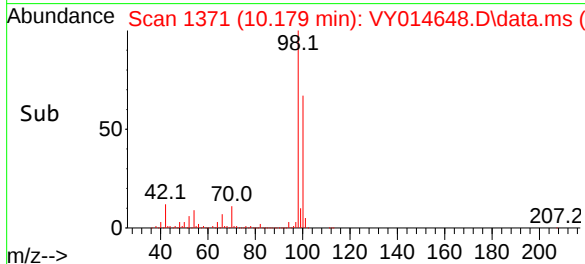
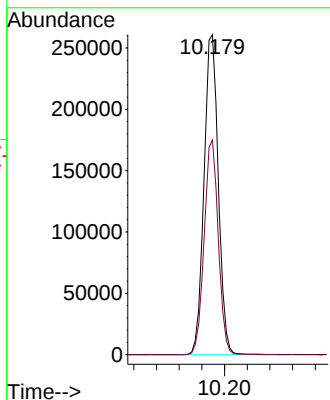
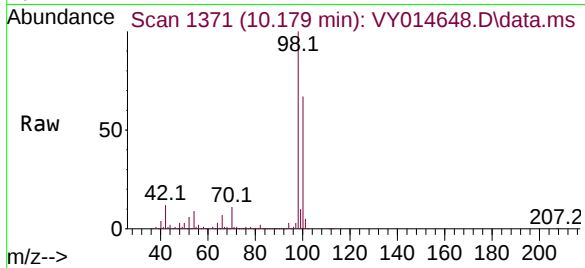




#50
Toluene-d8
Concen: 50.355 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014648.D
Acq: 14 Jul 2023 15:27

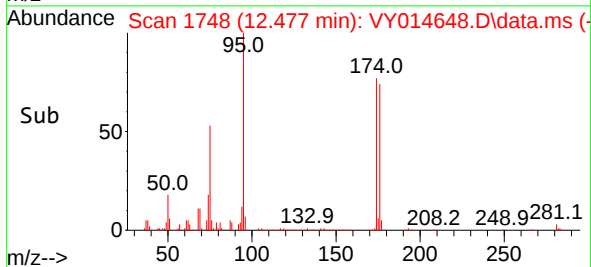
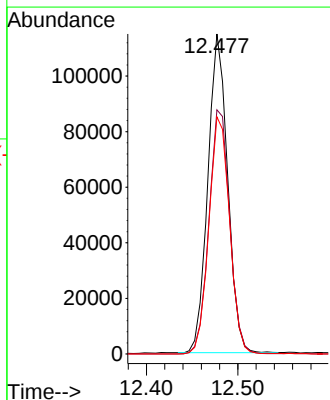
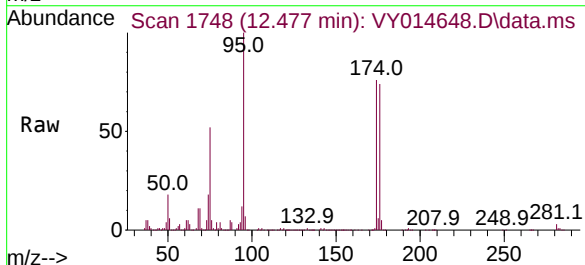
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-071323

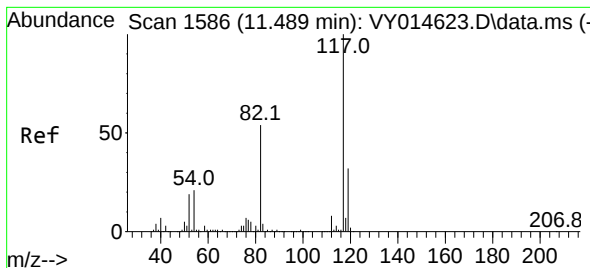
Tgt Ion: 98 Resp: 456440
Ion Ratio Lower Upper
98 100
100 66.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.521 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014648.D
Acq: 14 Jul 2023 15:27

Tgt Ion: 95 Resp: 172119
Ion Ratio Lower Upper
95 100
174 80.4 0.0 178.2
176 78.0 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: VY014648.D

Acq: 14 Jul 2023 15:27

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-071323

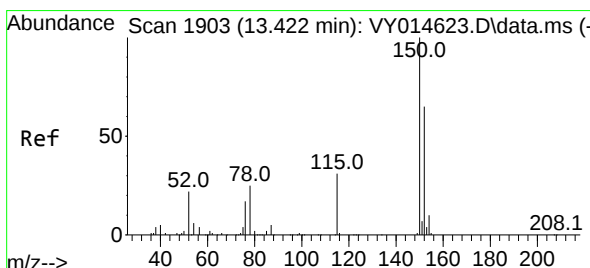
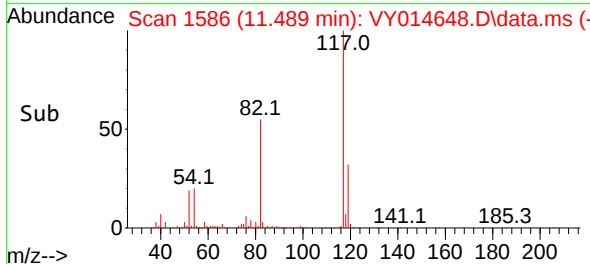
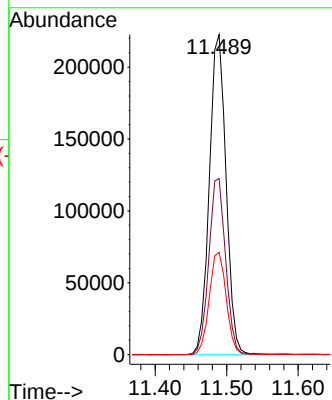
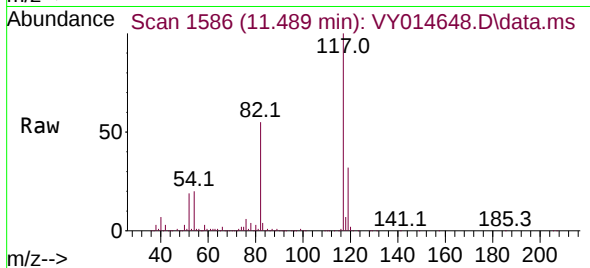
Tgt Ion:117 Resp: 361619

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 31.9 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: VY014648.D

Acq: 14 Jul 2023 15:27

Tgt Ion:152 Resp: 173763

Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 156.2 0.0 348.8

