

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014887.D
 Acq On : 27 Jul 2023 17:08
 Operator : SY/MD
 Sample : 03756-11
 Misc : 2.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RRTP-14-GRAB-27-(2-2.5)

Quant Time: Jul 28 02:38:43 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)

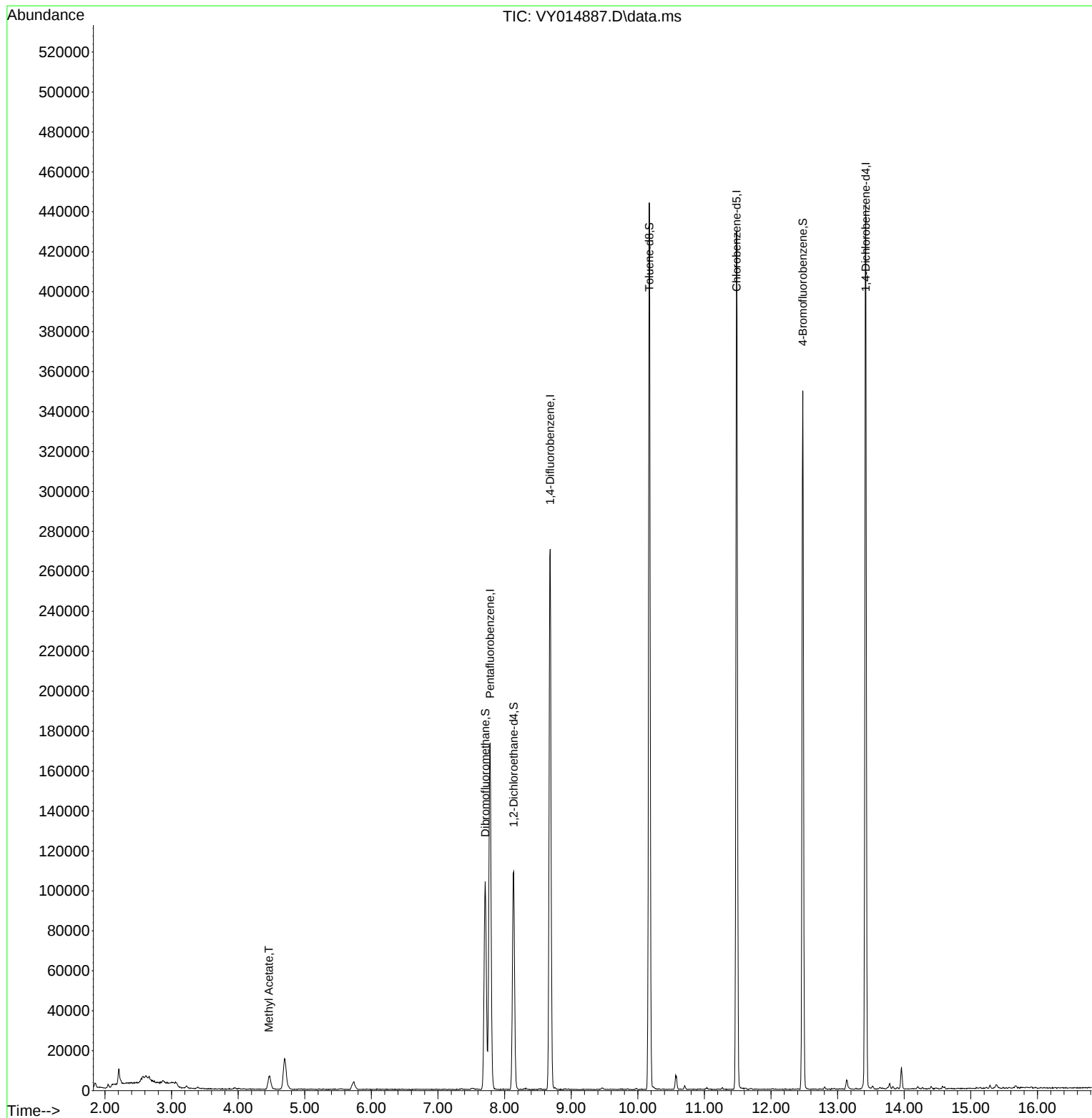
Internal Standards						
1) Pentafluorobenzene	7.783	168	136398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	231429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86898	55.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.820%
35) Dibromofluoromethane	7.710	113	74891	49.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.120%
50) Toluene-d8	10.173	98	284797	50.606	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.477	95	106081	49.160	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.320%
Target Compounds						
18) Methyl Acetate	4.460	43	13168	6.967	ug/l	Qvalue 94

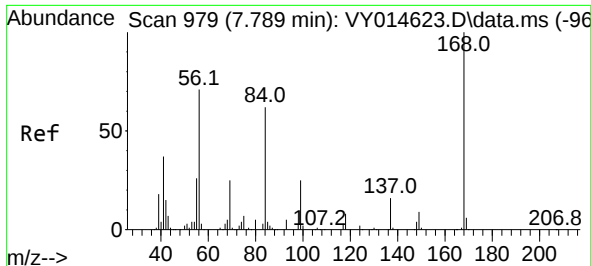
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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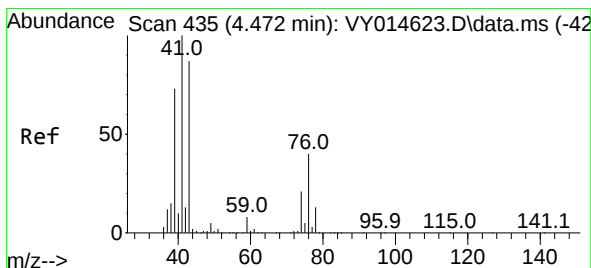
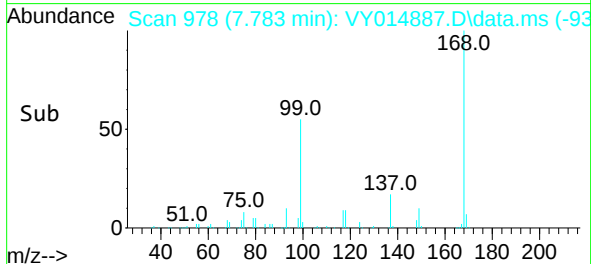
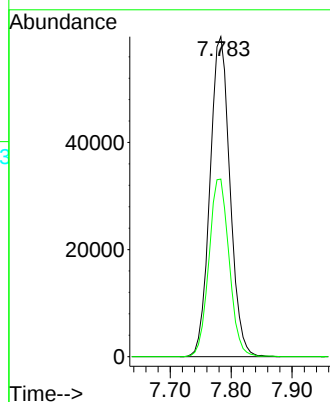
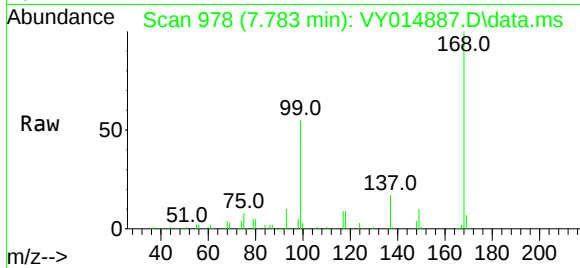




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

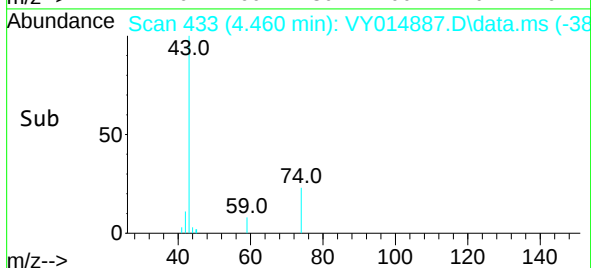
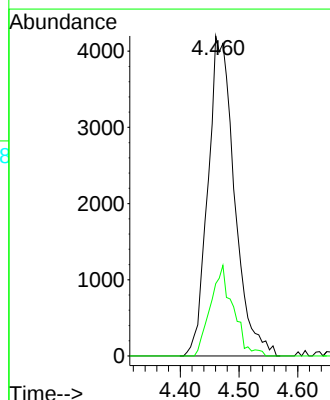
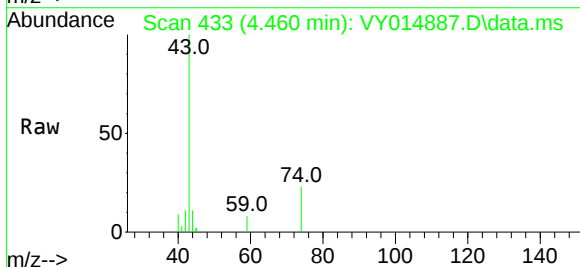
Instrument :
MSVOA_Y
ClientSampleId :
RRTP-14-GRAB-27-(2-2.5)

Tgt Ion:168 Resp: 136398
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#18
Methyl Acetate
Concen: 6.967 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.012 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

Tgt Ion: 43 Resp: 13168
Ion Ratio Lower Upper
43 100
74 24.3 17.4 26.0

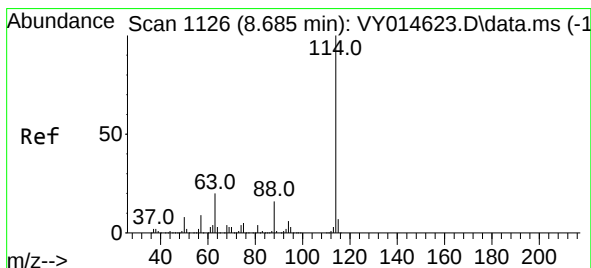
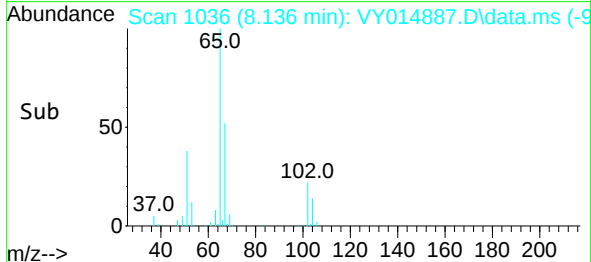
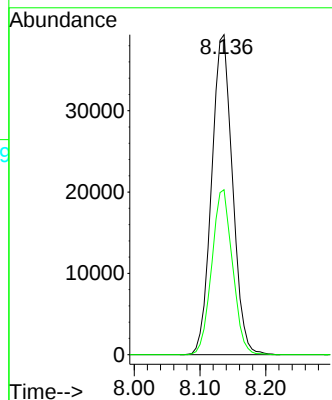
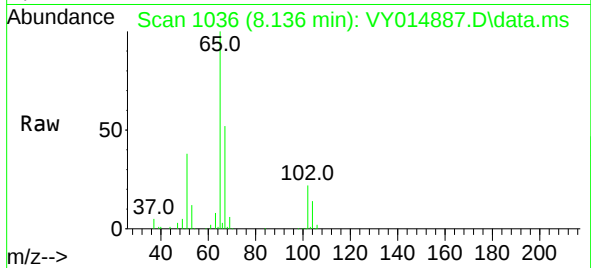




#33
 1,2-Dichloroethane-d4
 Concen: 55.908 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014887.D
 Acq: 27 Jul 2023 17:08

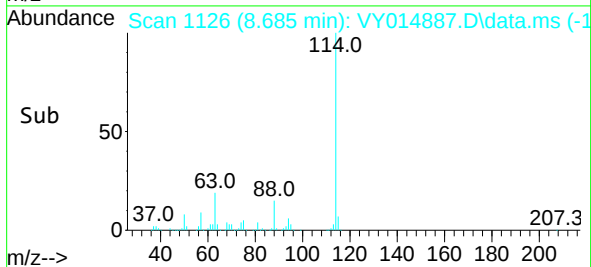
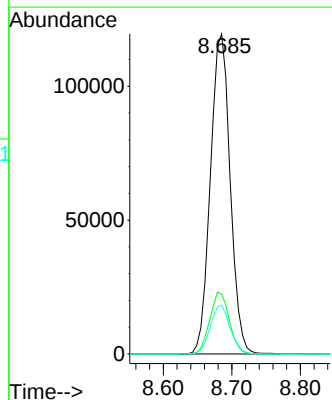
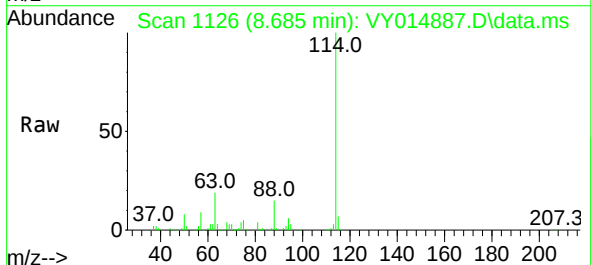
Instrument :
 MSVOA_Y
 ClientSampleId :
 RRTP-14-GRAB-27-(2-2.5)

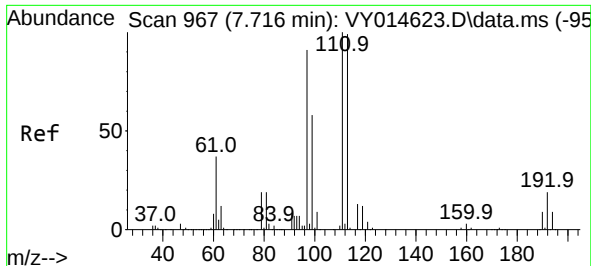
Tgt Ion: 65 Resp: 86898
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014887.D
 Acq: 27 Jul 2023 17:08

Tgt Ion:114 Resp: 239791
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.4
 88 15.3 0.0 30.6

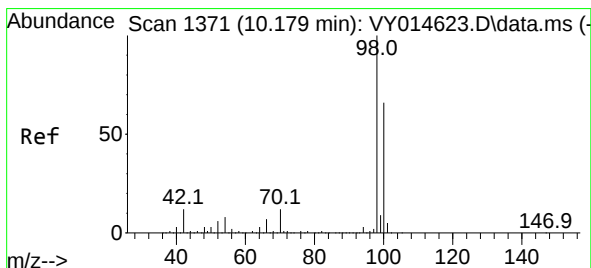
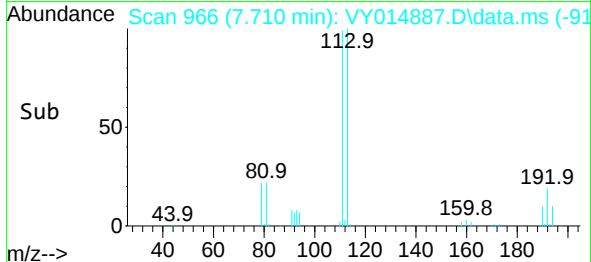
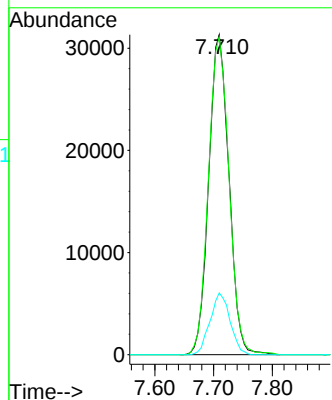
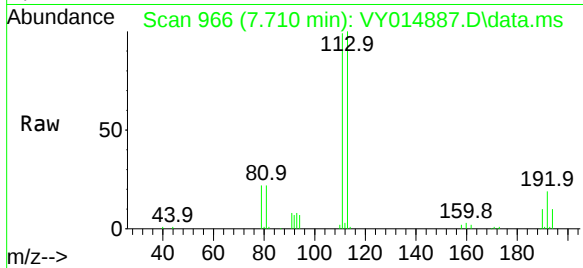




#35
Dibromofluoromethane
Concen: 49.062 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

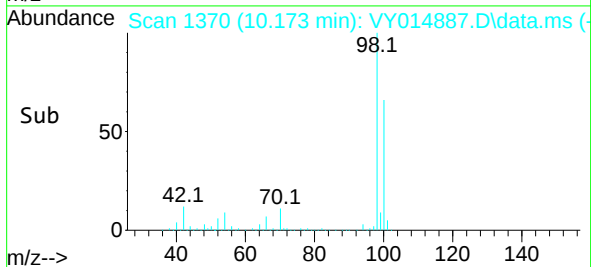
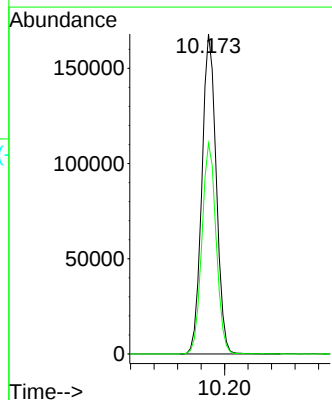
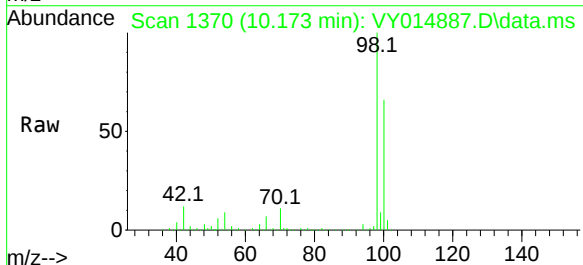
Instrument :
MSVOA_Y
ClientSampleId :
RRTP-14-GRAB-27-(2-2.5)

Tgt Ion:113 Resp: 74891
Ion Ratio Lower Upper
113 100
111 101.0 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 50.606 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

Tgt Ion: 98 Resp: 284797
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

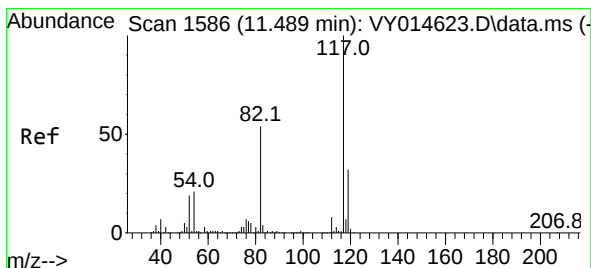
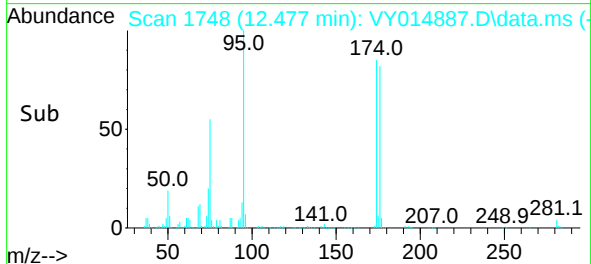
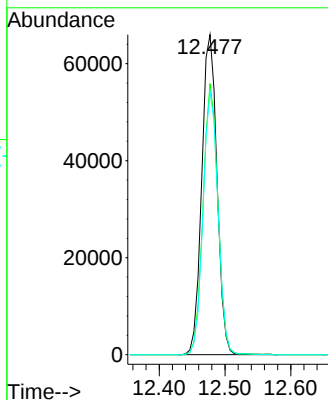
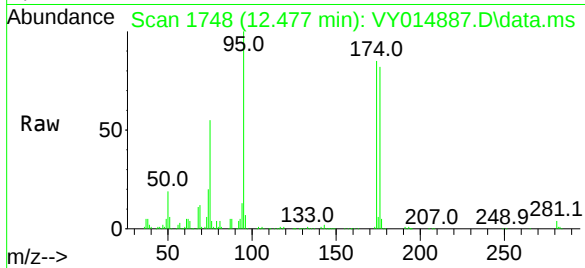




#62
4-Bromofluorobenzene
Concen: 49.160 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

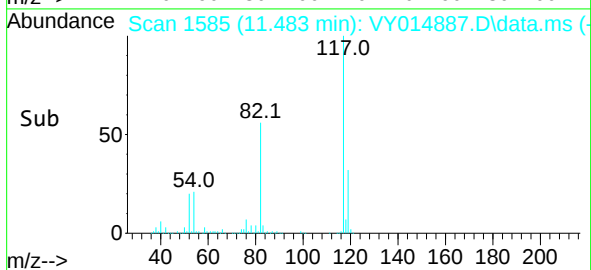
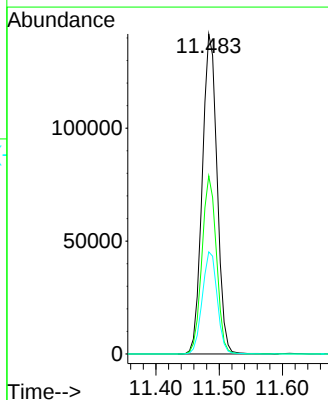
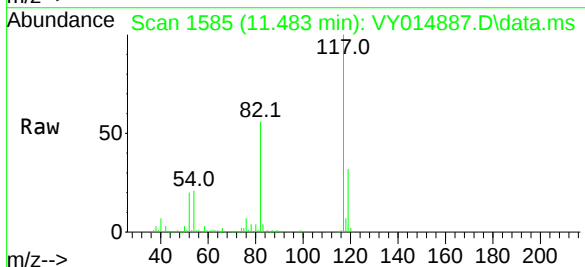
Instrument :
MSVOA_Y
ClientSampleId :
RRTP-14-GRAB-27-(2-2.5)

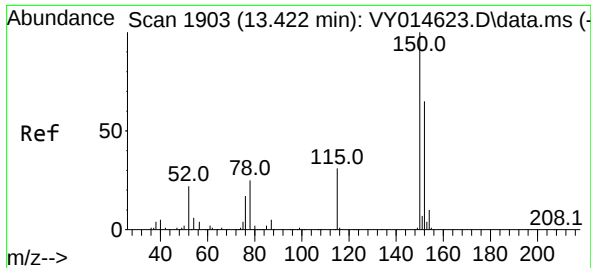
Tgt Ion: 95 Resp: 106081
Ion Ratio Lower Upper
95 100
174 83.0 0.0 178.2
176 81.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

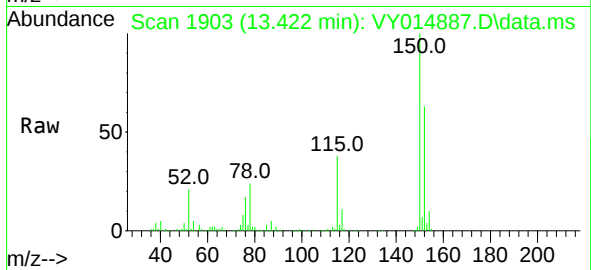
Tgt Ion: 117 Resp: 231429
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 31.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014887.D
 Acq: 27 Jul 2023 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 RRTP-14-GRAB-27-(2-2.5)



Tgt Ion:152 Resp: 111371
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.8 86.5
 150 158.2 0.0 348.8

