

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014882.D
 Acq On : 27 Jul 2023 15:07
 Operator : SY/MD
 Sample : 03756-03
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-11-GRAB-22-(4-5)

Quant Time: Jul 28 02:38:03 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)

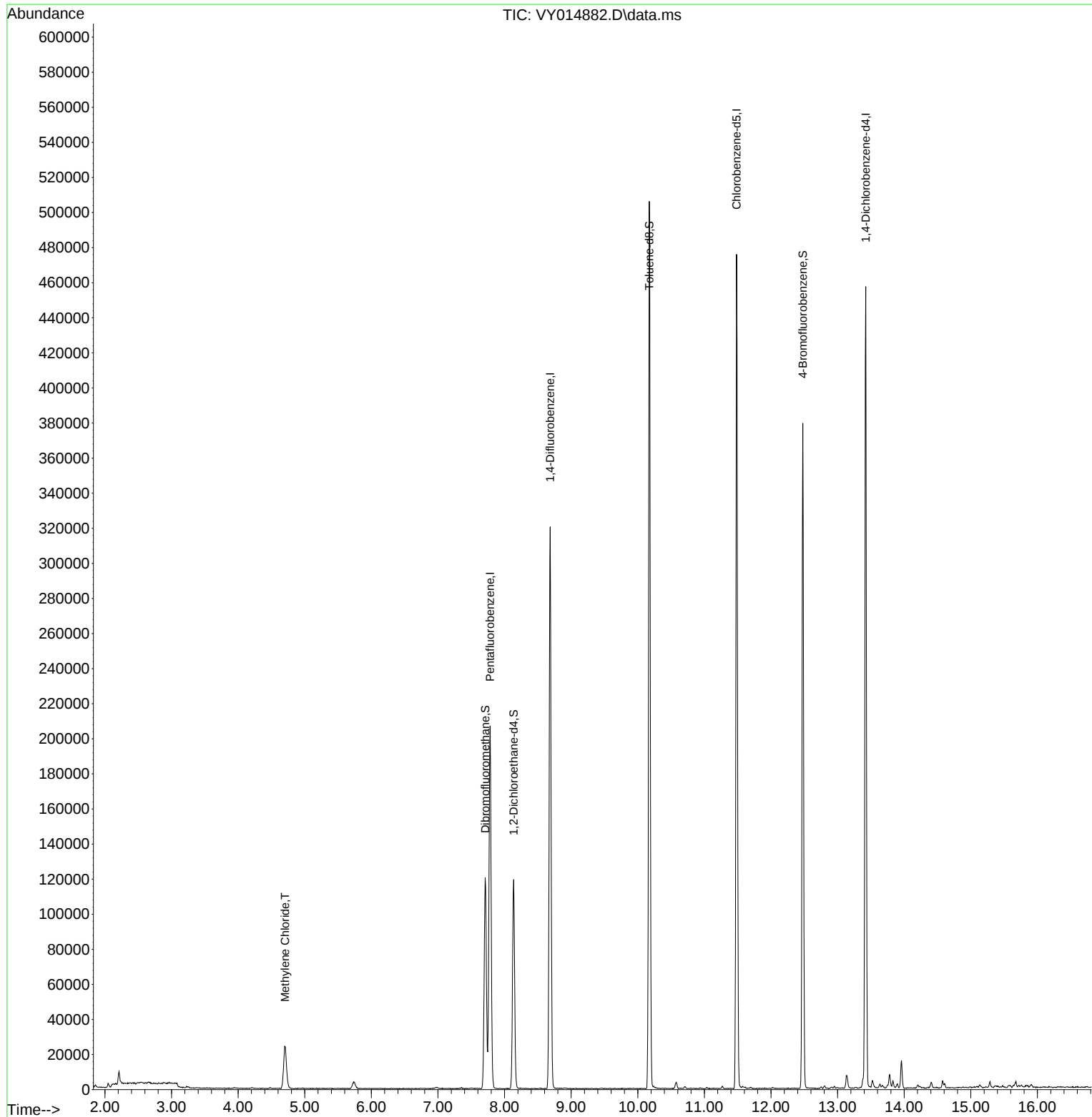
Internal Standards						
1) Pentafluorobenzene	7.783	168	157760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	273631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	253395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	92373	51.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.760%	
35) Dibromofluoromethane	7.710	113	83664	48.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.060%	
50) Toluene-d8	10.173	98	323778	50.418	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	12.477	95	112485	45.681	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.360%	
Target Compounds						
20) Methylene Chloride	4.704	84	18606	6.369	ug/l	Qvalue # 85

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

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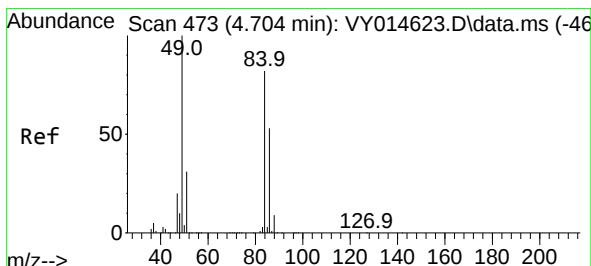
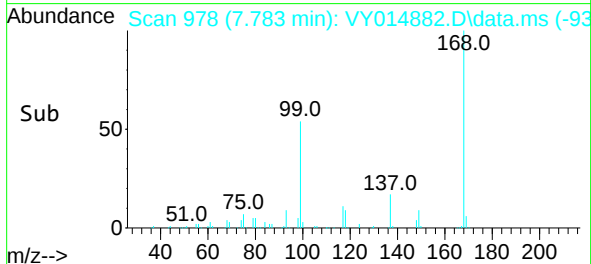
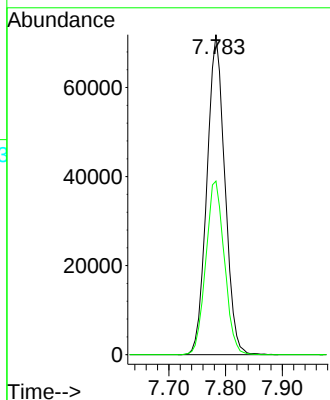
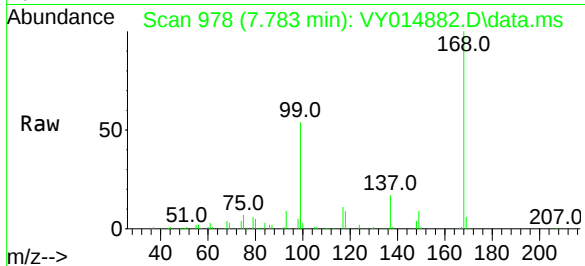




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

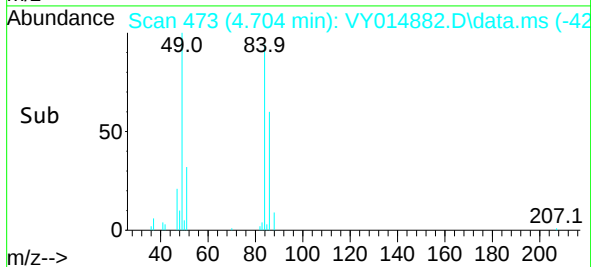
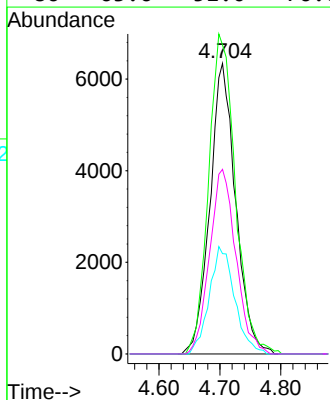
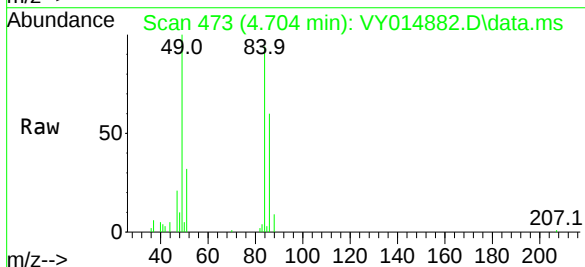
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-11-GRAB-22-(4-5)

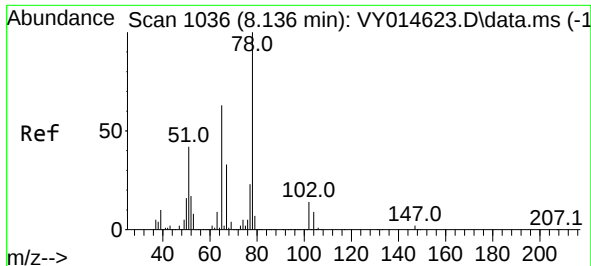
Tgt Ion:168 Resp: 157760
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#20
Methylene Chloride
Concen: 6.369 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

Tgt Ion: 84 Resp: 18606
Ion Ratio Lower Upper
84 100
49 106.3 106.9 160.3#
51 34.5 33.2 49.8
86 63.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 51.383 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014882.D

Acq: 27 Jul 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

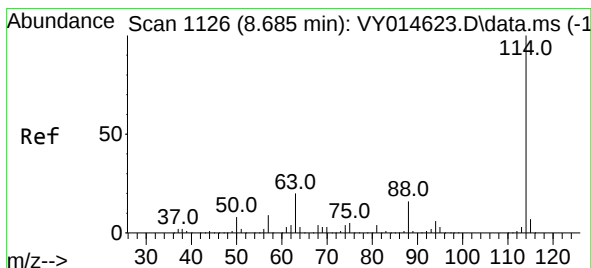
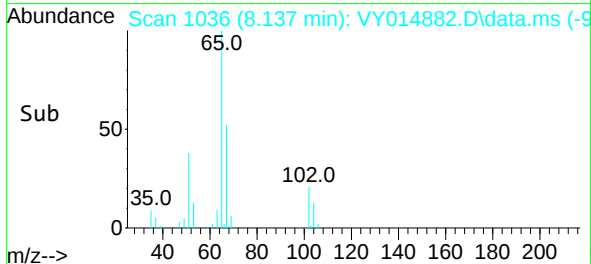
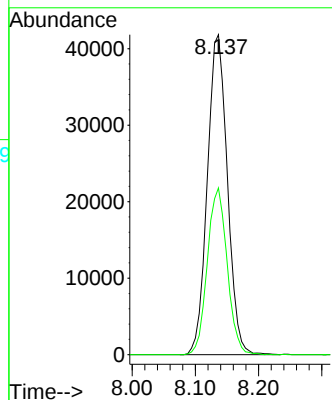
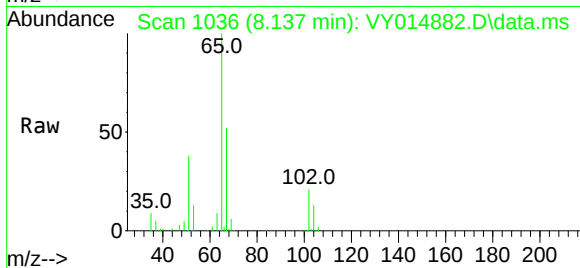
RPTP-11-GRAB-22-(4-5)

Tgt Ion: 65 Resp: 92373

Ion Ratio Lower Upper

65 100

67 51.5 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: VY014882.D

Acq: 27 Jul 2023 15:07

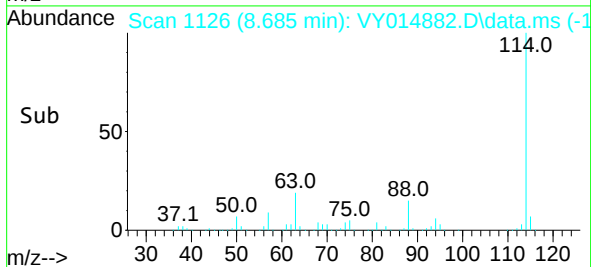
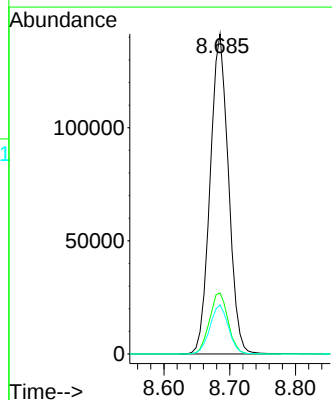
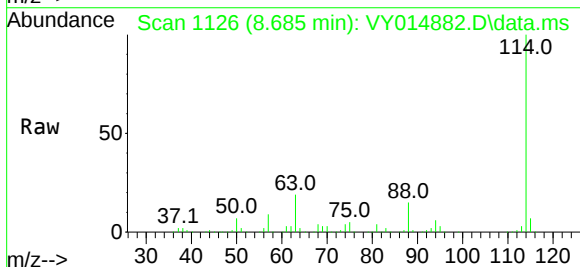
Tgt Ion: 114 Resp: 273631

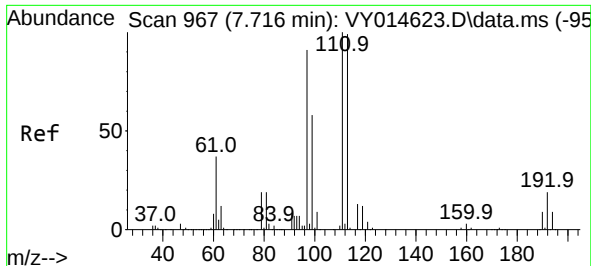
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.4 0.0 30.6

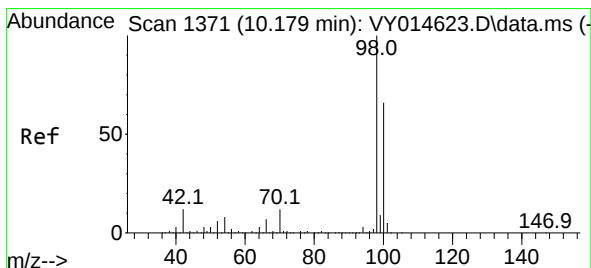
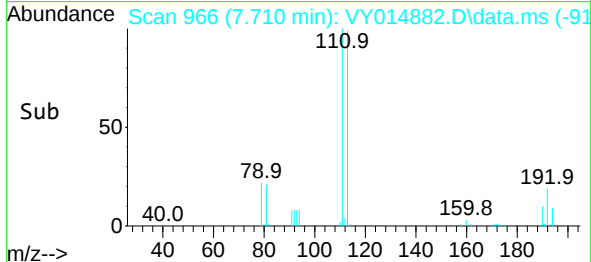
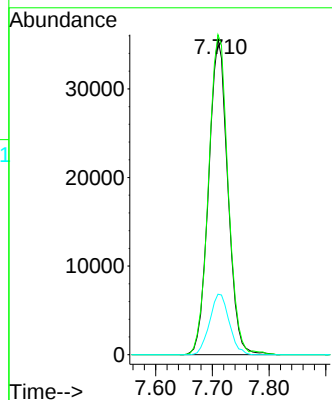
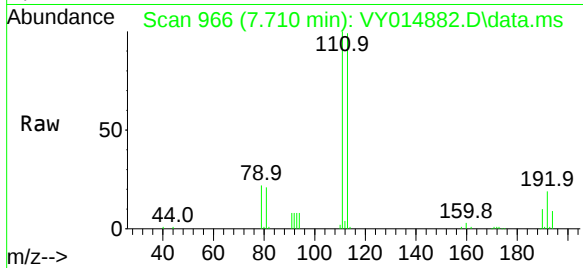




#35
Dibromofluoromethane
Concen: 48.031 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

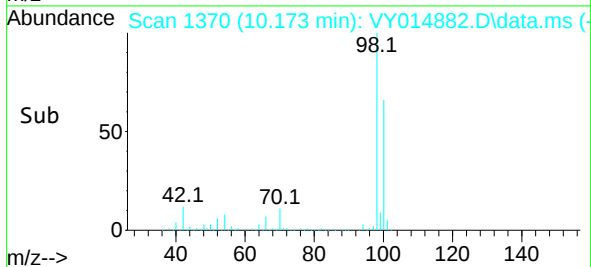
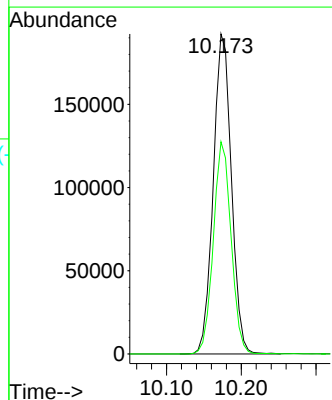
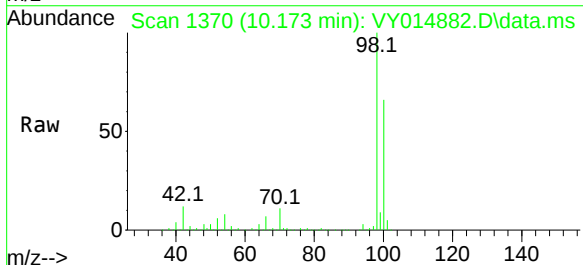
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-11-GRAB-22-(4-5)

Tgt Ion:113 Resp: 83664
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 50.418 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

Tgt Ion: 98 Resp: 323778
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

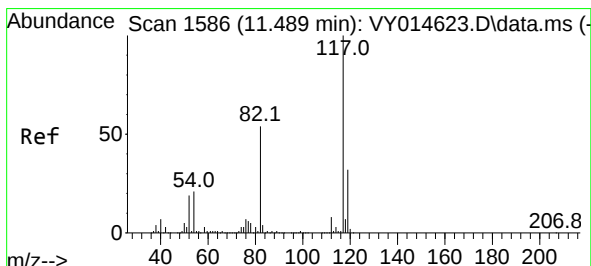
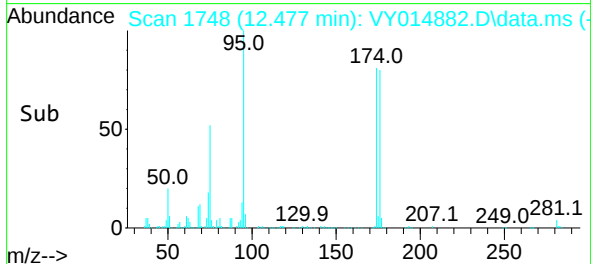
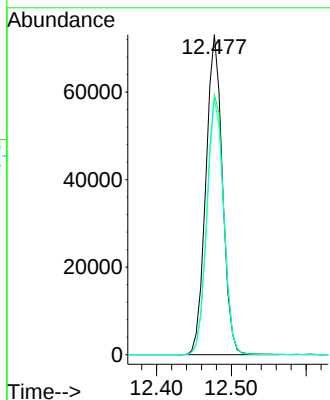
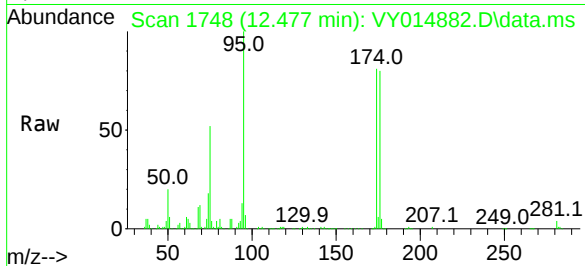




#62
4-Bromofluorobenzene
Concen: 45.681 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

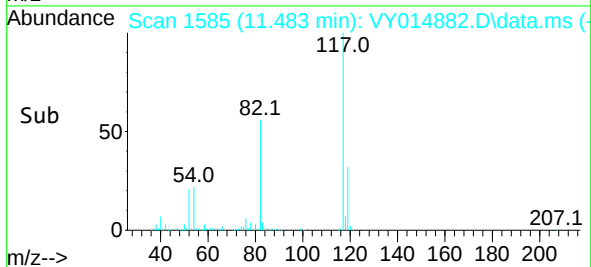
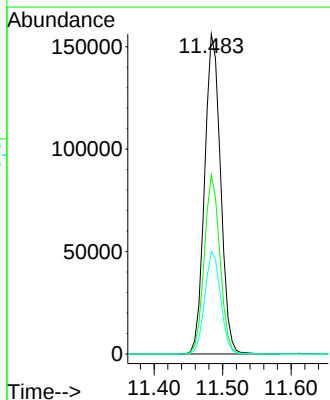
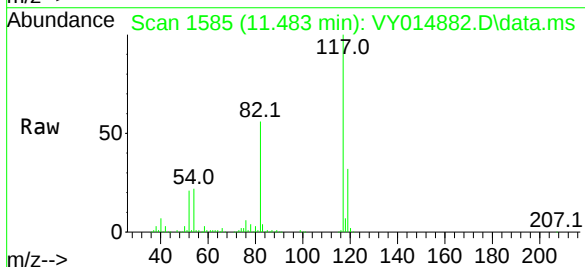
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-11-GRAB-22-(4-5)

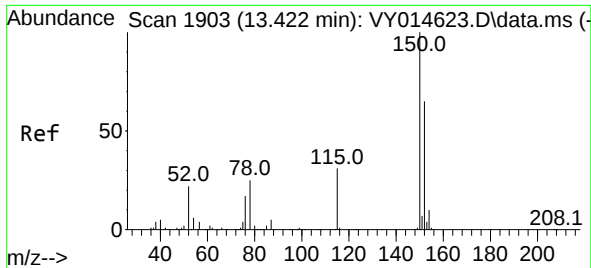
Tgt Ion: 95 Resp: 112485
Ion Ratio Lower Upper
95 100
174 83.5 0.0 178.2
176 80.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

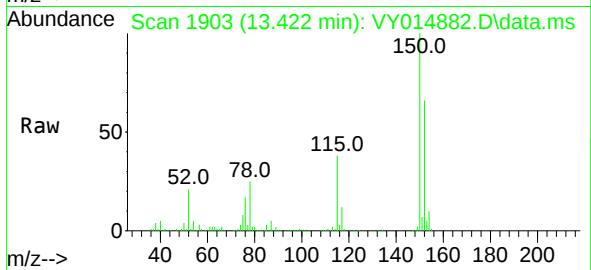
Tgt Ion: 117 Resp: 253395
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.0
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014882.D
 Acq: 27 Jul 2023 15:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-11-GRAB-22-(4-5)



Tgt Ion:152 Resp: 116325
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.8 86.5
 150 155.8 0.0 348.8

