

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014875.D
 Acq On : 27 Jul 2023 12:20
 Operator : SY/MD
 Sample : 03686-10
 Misc : 3.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-29-2-3-20230721

Quant Time: Jul 28 02:37:05 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)

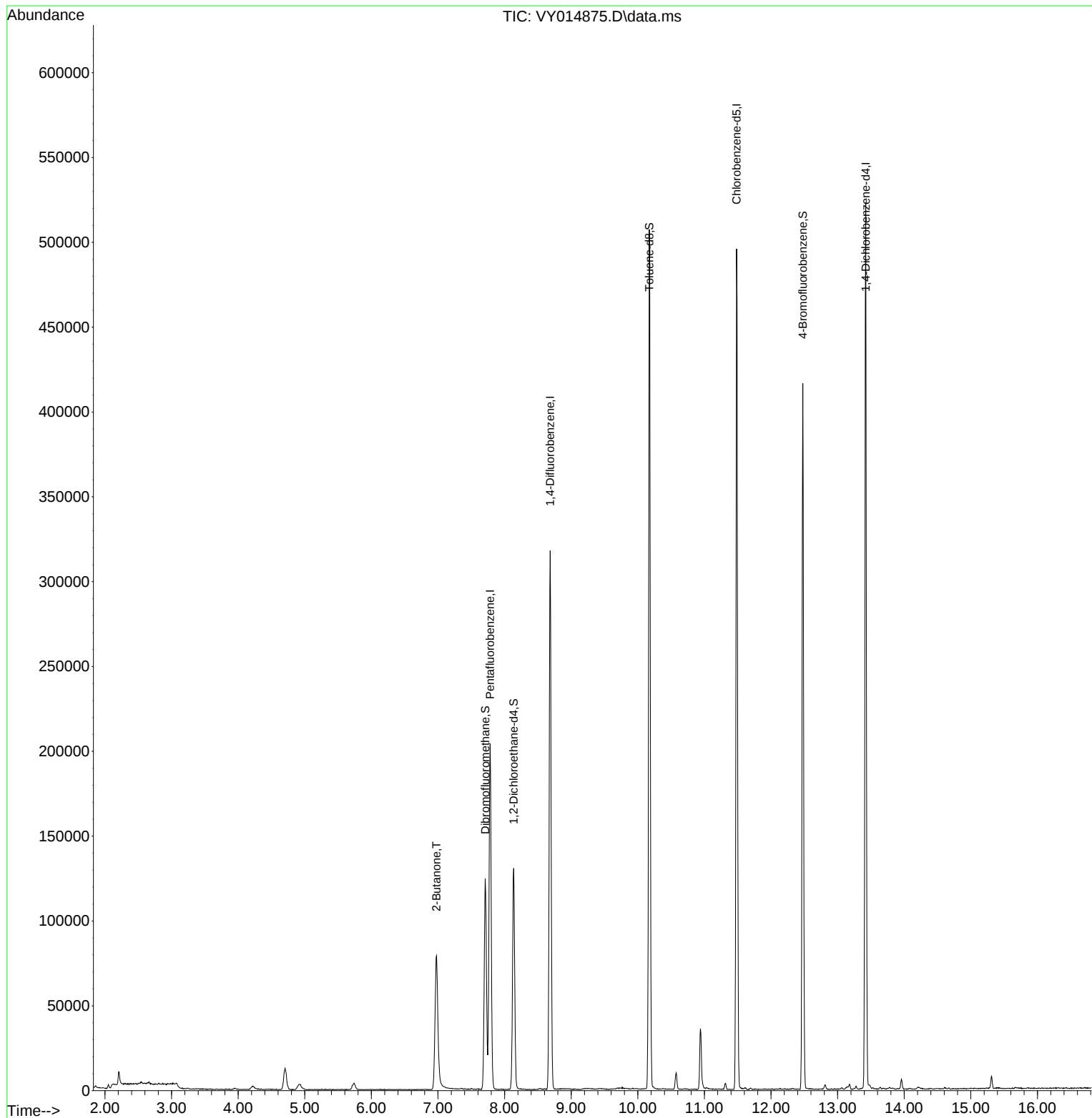
Internal Standards						
1) Pentafluorobenzene	7.783	168	155510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	276480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	264955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100612	56.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.560%
35) Dibromofluoromethane	7.710	113	86873	49.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.173	98	326165	50.266	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.477	95	121739	48.930	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.860%
Target Compounds						
						Qvalue
25) 2-Butanone	6.978	43	4158	5.061	ug/l #	83

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

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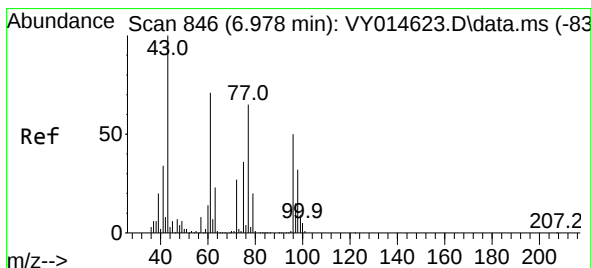
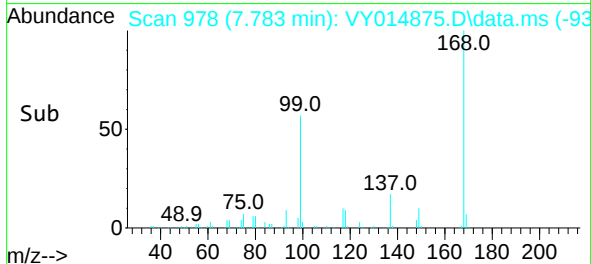
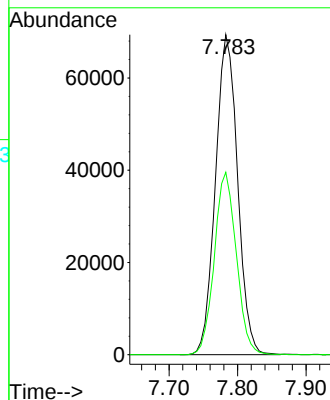
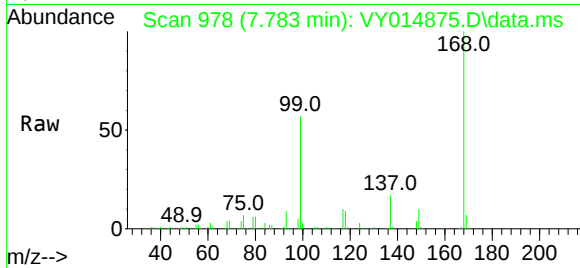




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

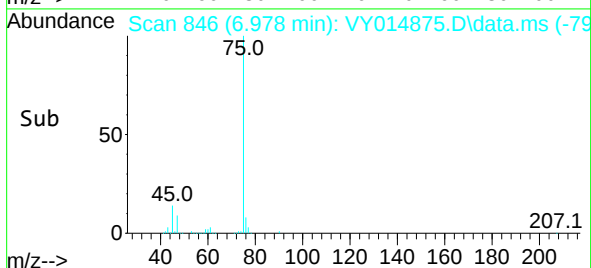
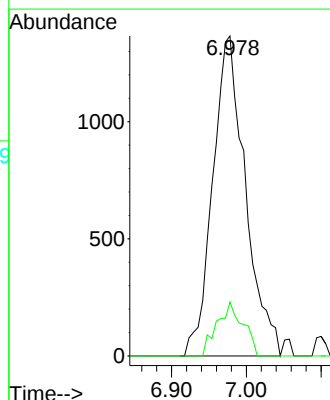
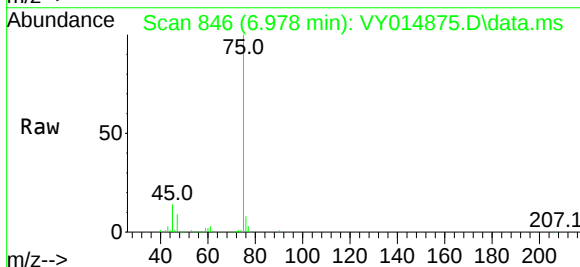
Instrument :
MSVOA_Y
ClientSampleId :
SB-29-2-3-20230721

Tgt Ion:168 Resp: 155510
Ion Ratio Lower Upper
168 100
99 57.0 43.4 65.0



#25
2-Butanone
Concen: 5.061 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

Tgt Ion: 43 Resp: 4158
Ion Ratio Lower Upper
43 100
72 16.8 20.5 30.7#

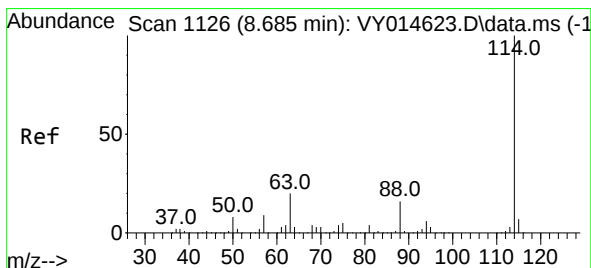
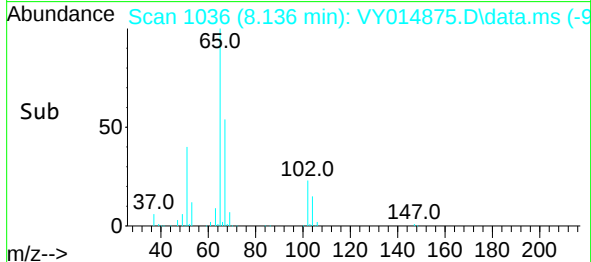
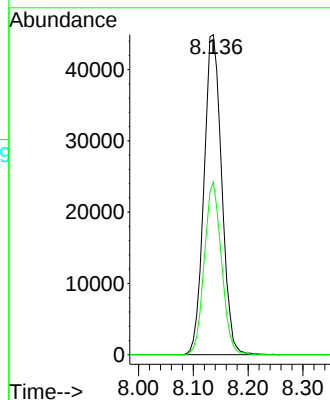
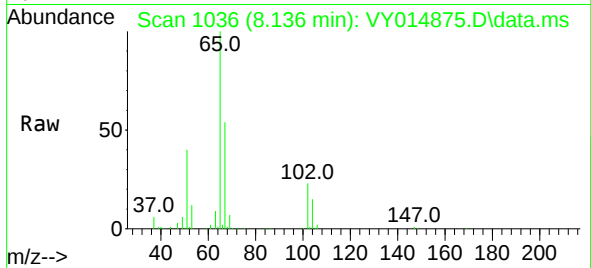




#33
 1,2-Dichloroethane-d4
 Concen: 56.776 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014875.D
 Acq: 27 Jul 2023 12:20

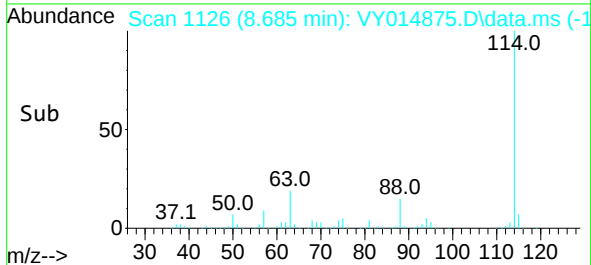
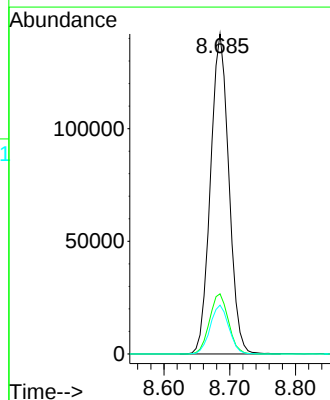
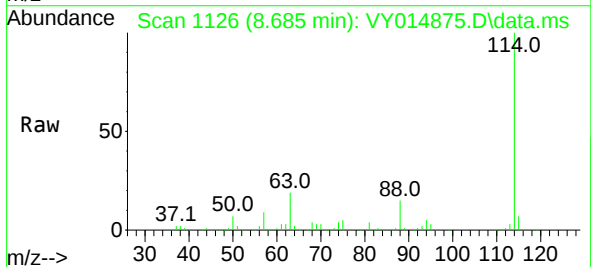
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-29-2-3-20230721

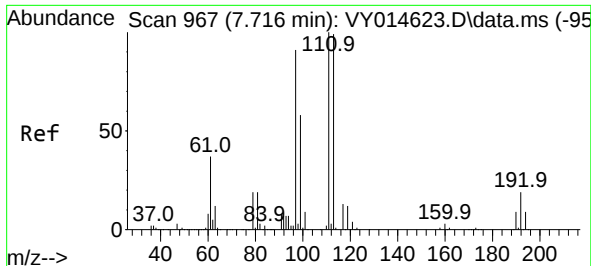
Tgt Ion: 65 Resp: 100612
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014875.D
 Acq: 27 Jul 2023 12:20

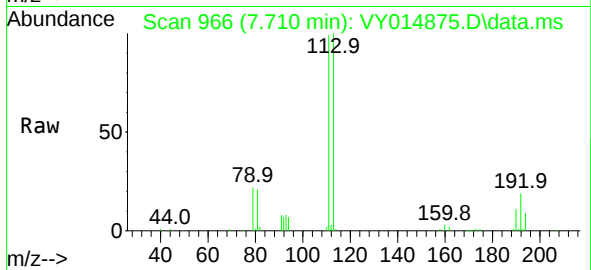
Tgt Ion: 114 Resp: 276480
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 15.3 0.0 30.6



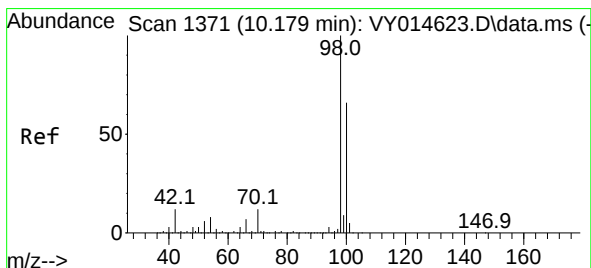
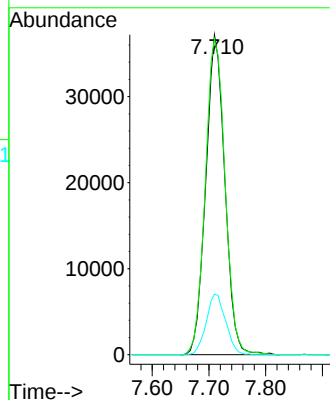
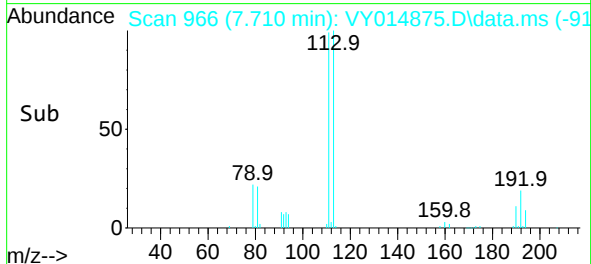


#35
Dibromofluoromethane
Concen: 49.360 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

Instrument :
MSVOA_Y
ClientSampleId :
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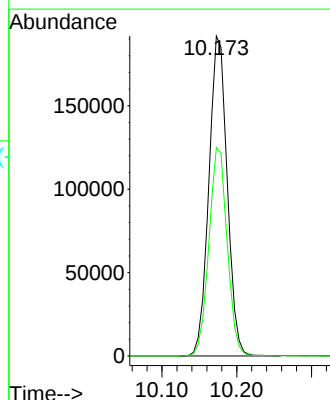
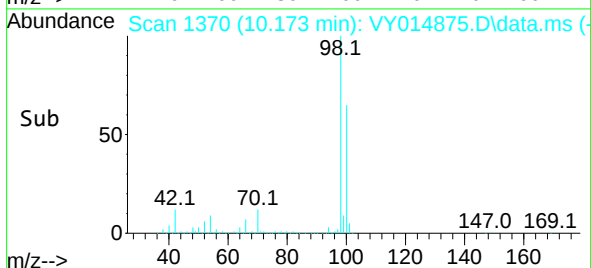
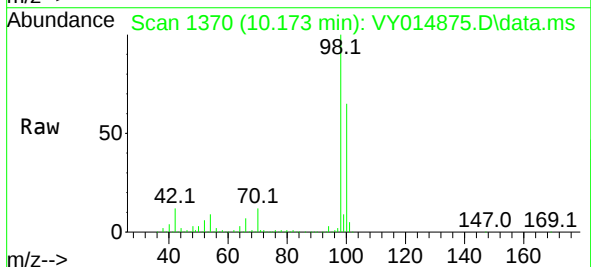


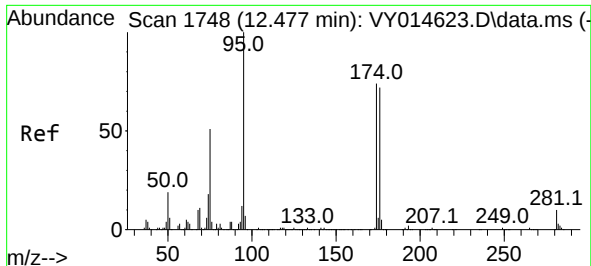
Tgt Ion:113 Resp: 86873
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.3 16.9 25.3



#50
Toluene-d8
Concen: 50.266 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

Tgt Ion: 98 Resp: 326165
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

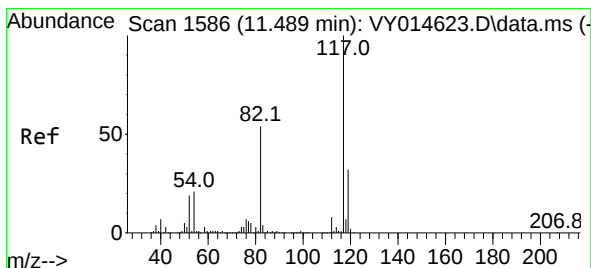
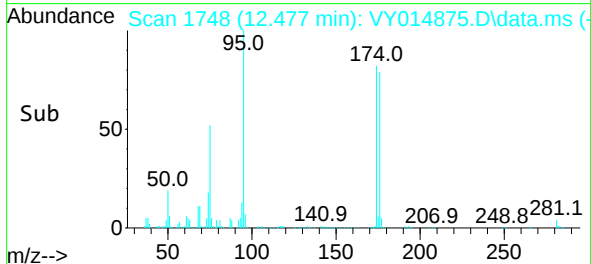
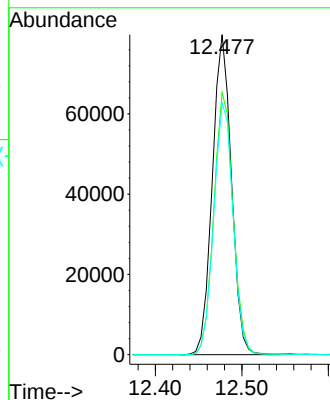
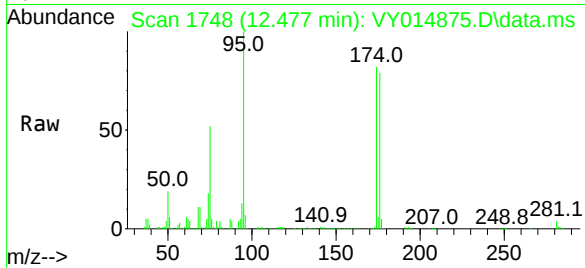




#62
4-Bromofluorobenzene
Concen: 48.930 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

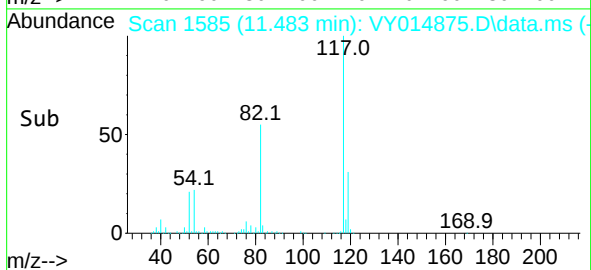
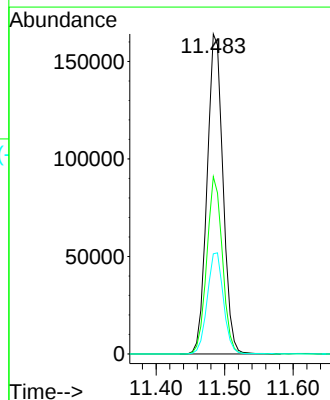
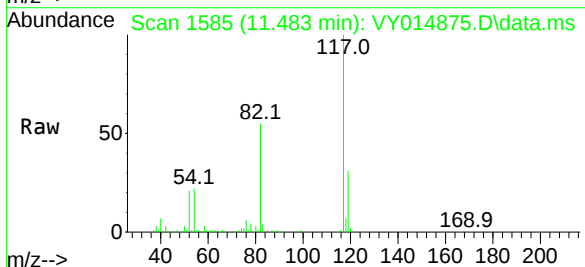
Instrument :
MSVOA_Y
ClientSampleId :
SB-29-2-3-20230721

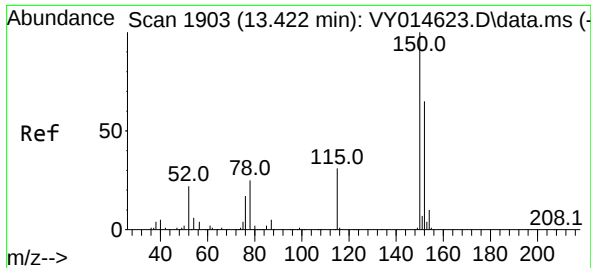
Tgt Ion: 95 Resp: 121739
Ion Ratio Lower Upper
95 100
174 83.2 0.0 178.2
176 80.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

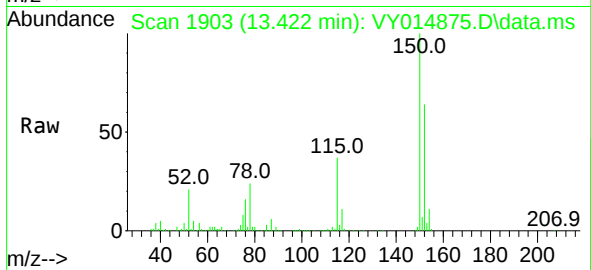
Tgt Ion: 117 Resp: 264955
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 31.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014875.D
 Acq: 27 Jul 2023 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152 Resp: 126862
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.8 86.5
 150 158.0 0.0 348.8

