

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018594.D
 Acq On : 14 Jun 2024 14:55
 Operator : SY/MD
 Sample : P2859-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-06122024

Quant Time: Jun 14 23:23:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

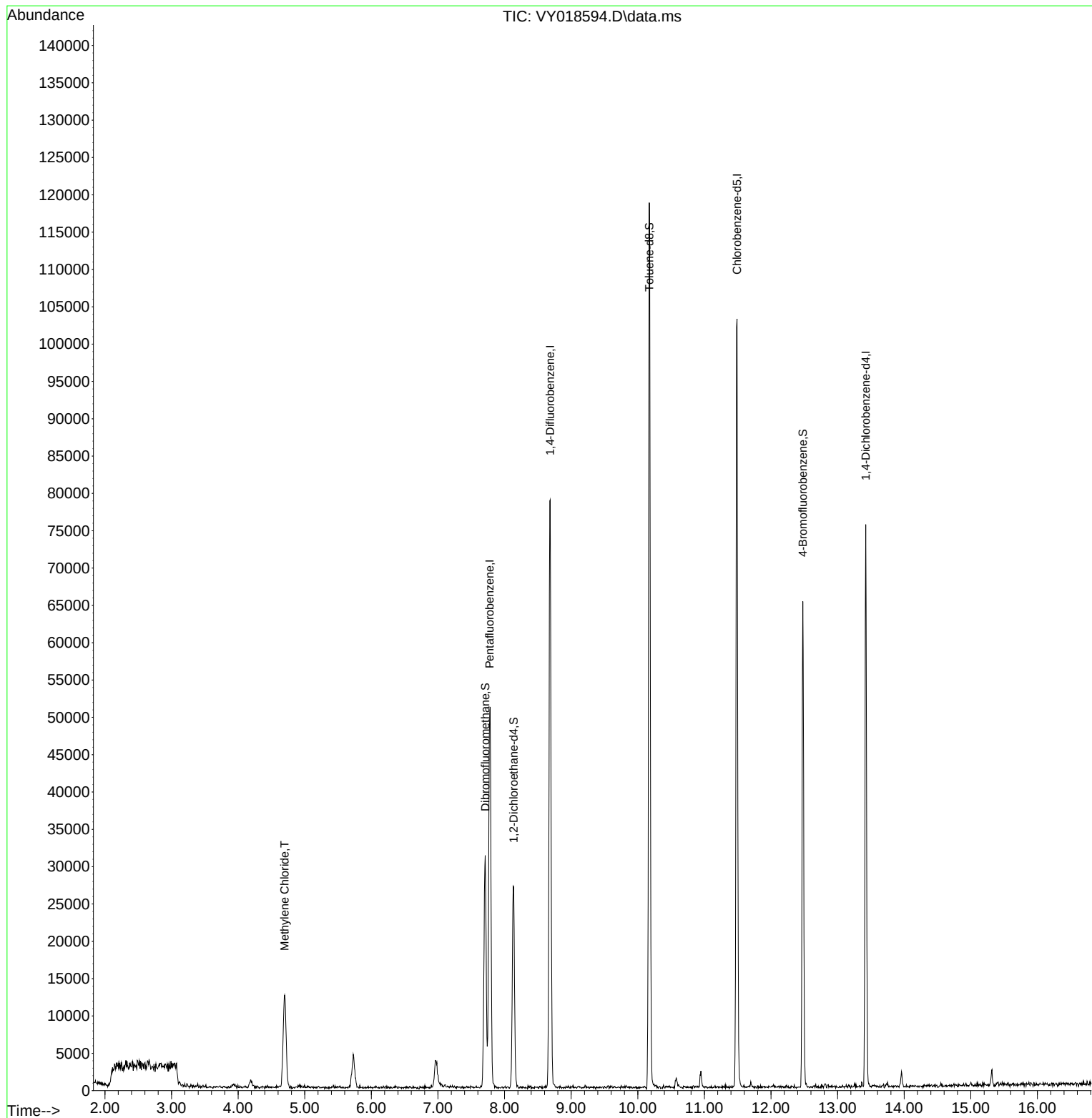
Internal Standards						
1) Pentafluorobenzene	7.777	168	39443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	72108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	59293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	18642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	20919	52.678	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	105.360%	
35) Dibromofluoromethane	7.710	113	22052	50.133	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	100.260%	
50) Toluene-d8	10.173	98	78048	46.139	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	92.280%	
62) 4-Bromofluorobenzene	12.477	95	19979	37.403	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	74.800%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	9697	12.811	ug/l #	84

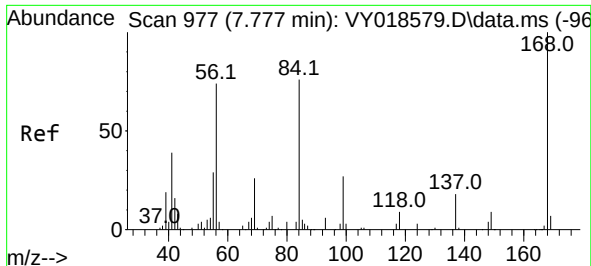
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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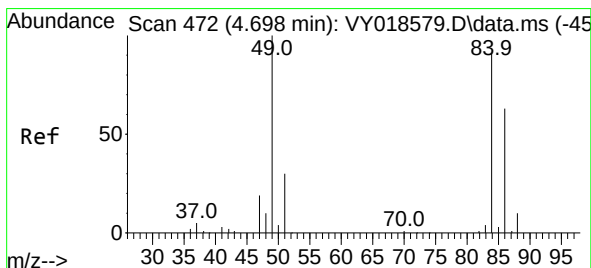
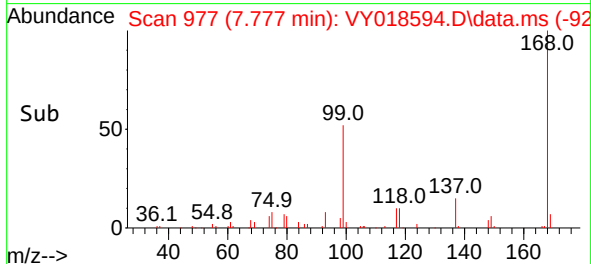
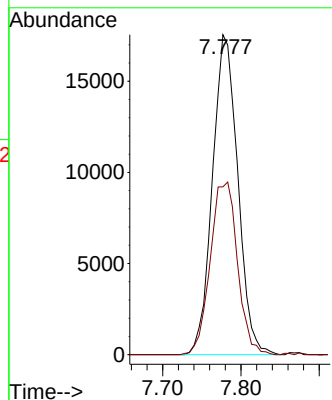
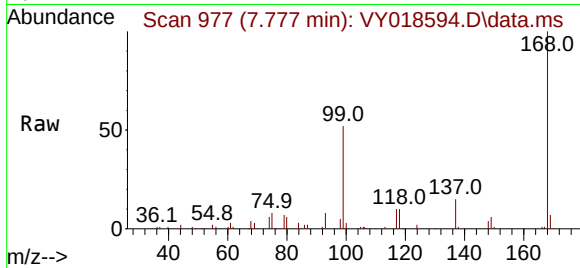




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018594.D
Acq: 14 Jun 2024 14:55

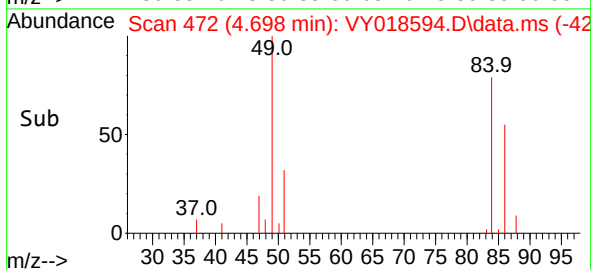
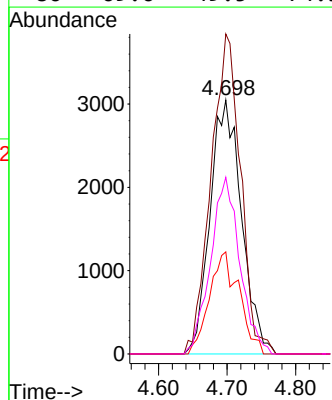
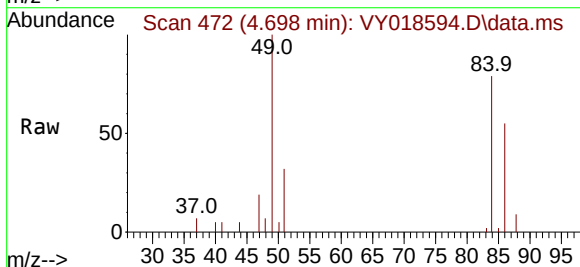
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-06122024

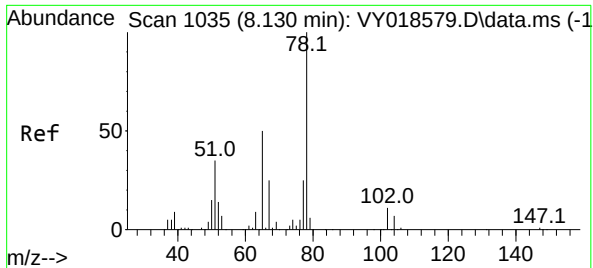
Tgt Ion:168 Resp: 39443
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#20
Methylene Chloride
Concen: 12.811 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018594.D
Acq: 14 Jun 2024 14:55

Tgt Ion: 84 Resp: 9697
Ion Ratio Lower Upper
84 100
49 126.1 84.4 126.6
51 40.2 26.0 39.0#
86 69.6 49.5 74.3

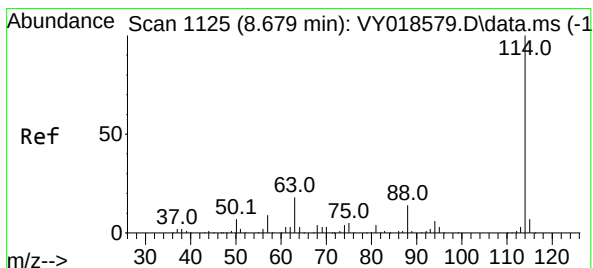
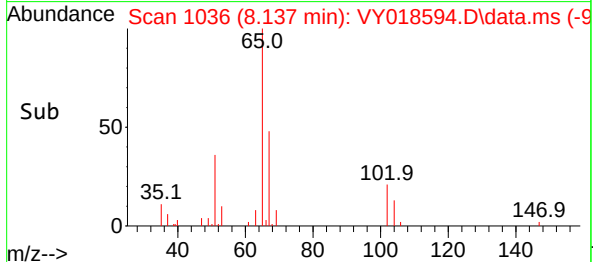
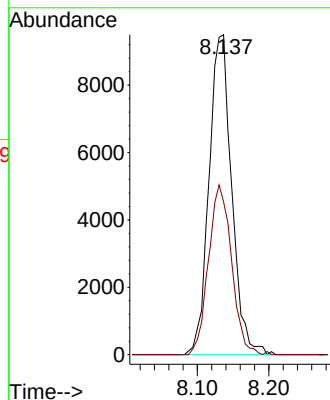
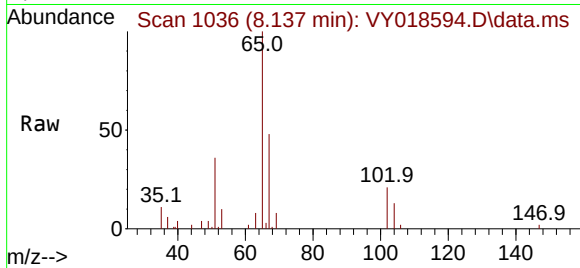




#33
 1,2-Dichloroethane-d4
 Concen: 52.678 ug/l
 RT: 8.137 min Scan# 1035
 Delta R.T. 0.006 min
 Lab File: VY018594.D
 Acq: 14 Jun 2024 14:55

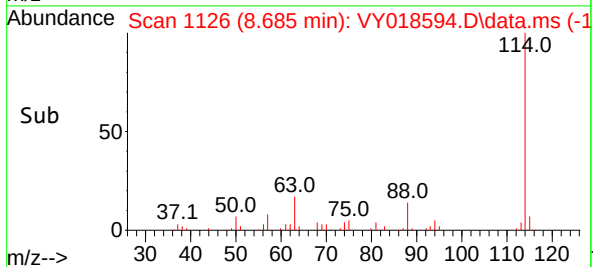
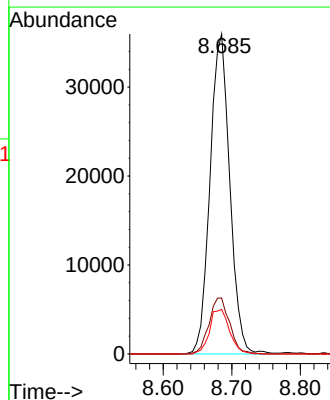
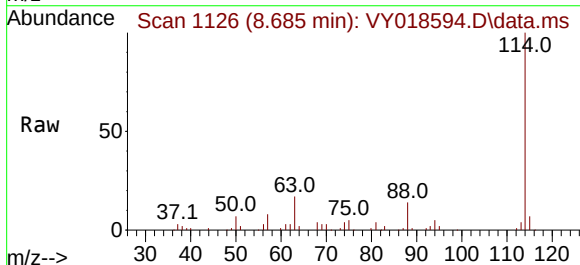
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-06122024

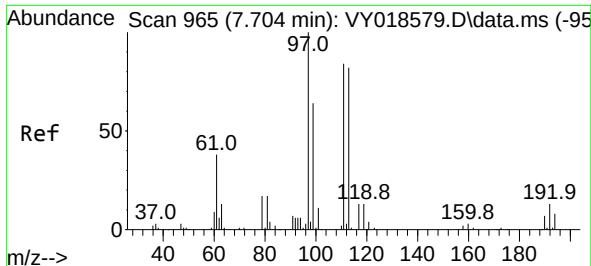
Tgt Ion: 65 Resp: 20919
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VY018594.D
 Acq: 14 Jun 2024 14:55

Tgt Ion: 114 Resp: 72108
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.0
 88 13.9 0.0 27.2

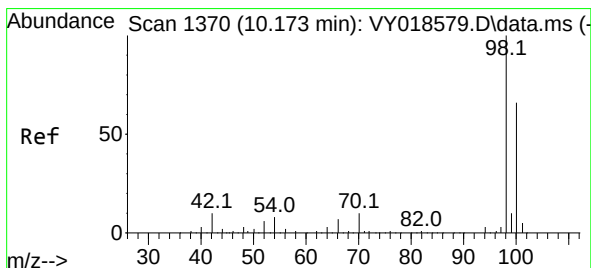
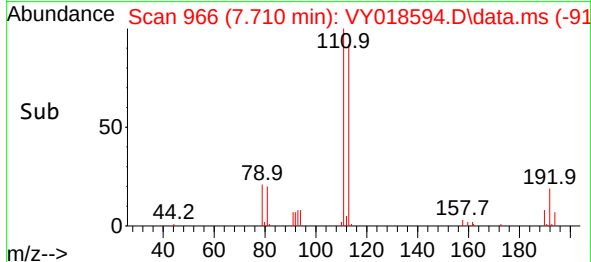
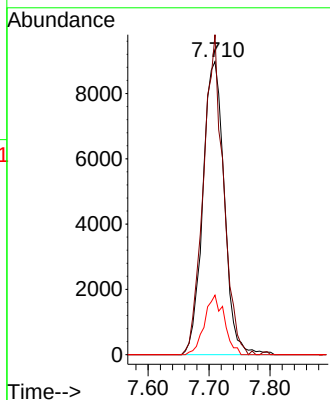
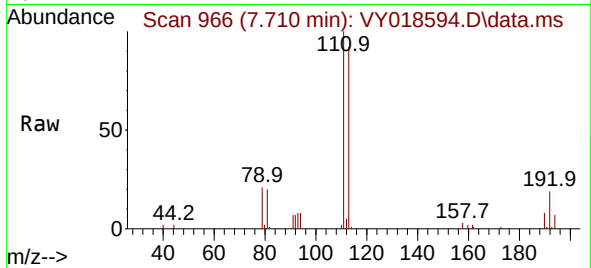




#35
Dibromofluoromethane
Concen: 50.133 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018594.D
Acq: 14 Jun 2024 14:55

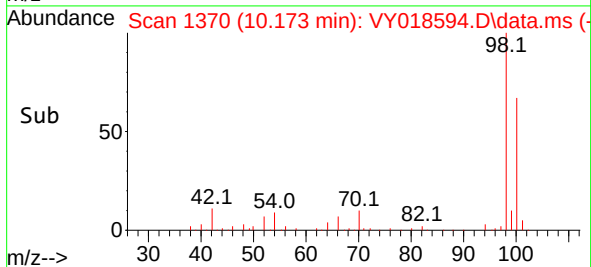
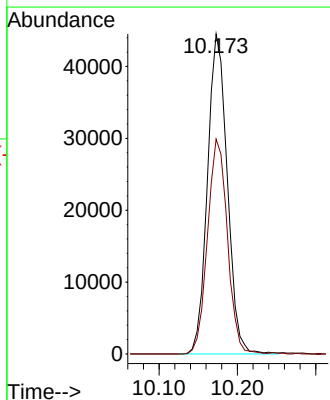
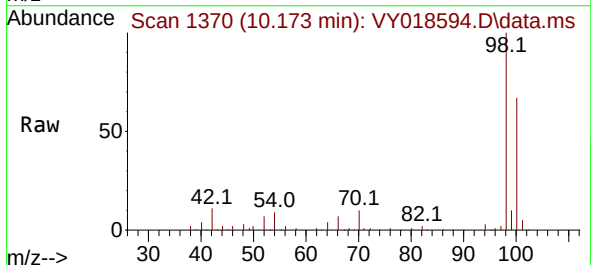
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-06122024

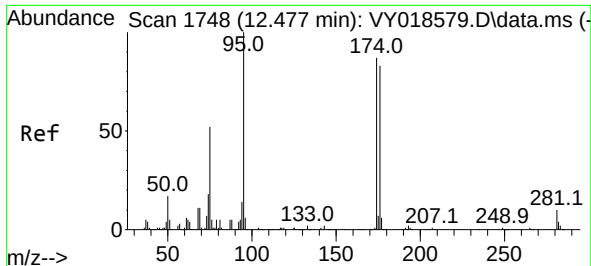
Tgt Ion:113 Resp: 22052
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 18.8 15.9 23.9



#50
Toluene-d8
Concen: 46.139 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018594.D
Acq: 14 Jun 2024 14:55

Tgt Ion: 98 Resp: 78048
Ion Ratio Lower Upper
98 100
100 67.5 52.0 78.0

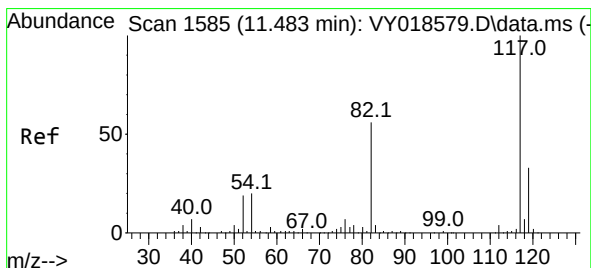
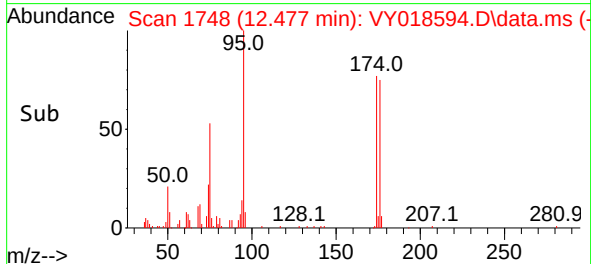
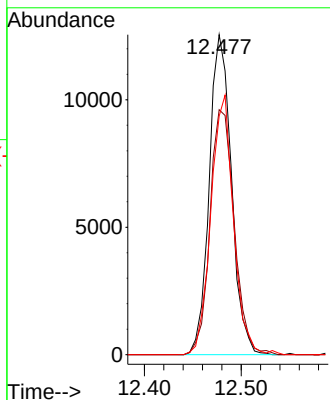
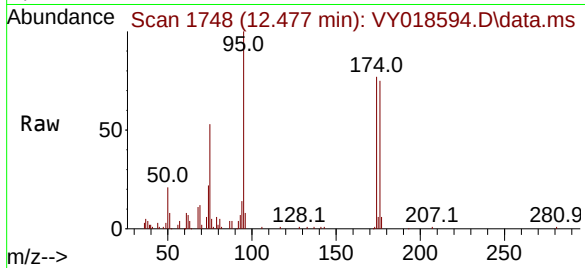




#62
4-Bromofluorobenzene
Concen: 37.403 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018594.D
Acq: 14 Jun 2024 14:55

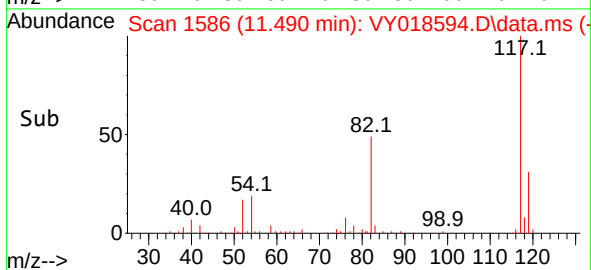
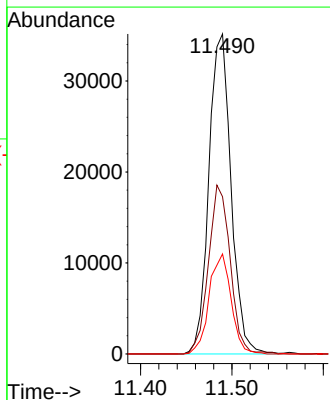
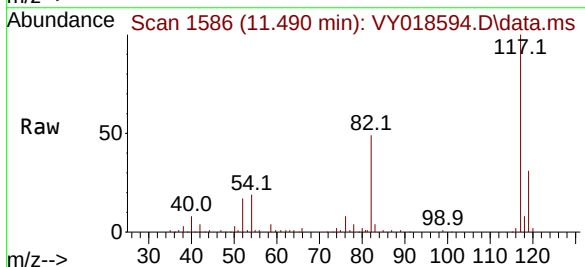
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-06122024

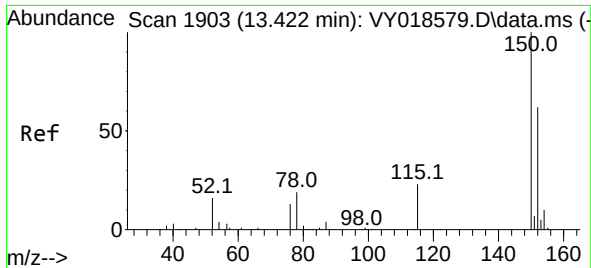
Tgt Ion: 95 Resp: 19979
Ion Ratio Lower Upper
95 100
174 83.8 0.0 175.6
176 82.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018594.D
Acq: 14 Jun 2024 14:55

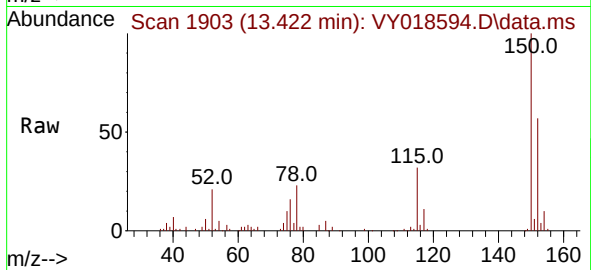
Tgt Ion: 117 Resp: 59293
Ion Ratio Lower Upper
117 100
82 49.1 42.4 63.6
119 31.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018594.D
 Acq: 14 Jun 2024 14:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-06122024



Tgt Ion:152 Resp: 18642
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.2 84.7
 150 166.0 0.0 345.6

