

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015151.D
 Acq On : 16 Aug 2023 15:41
 Operator : SY/MD
 Sample : 04006-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E-1

Quant Time: Aug 17 05:30:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

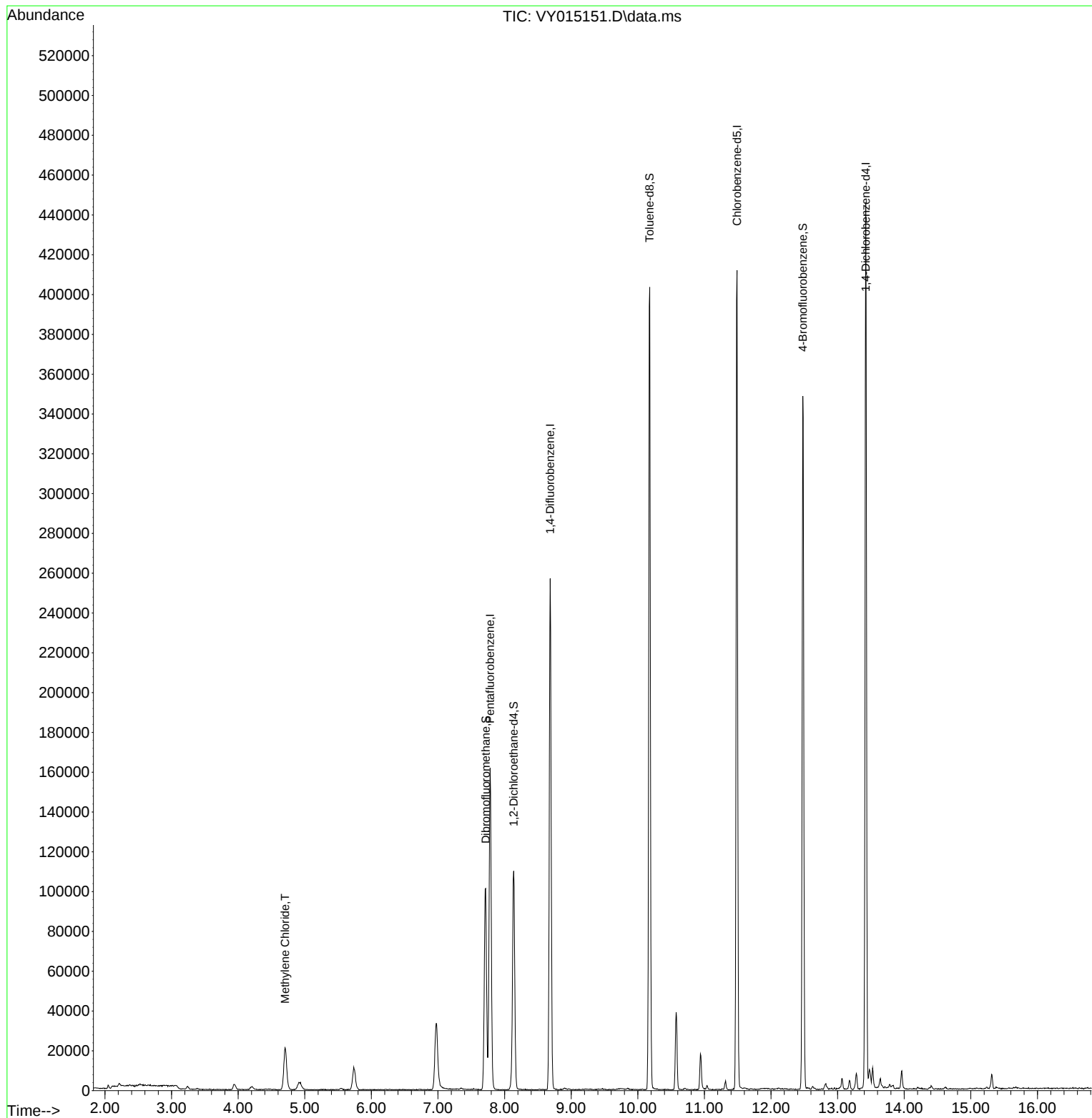
Internal Standards						
1) Pentafluorobenzene	7.783	168	124542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	220275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	222191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86515	57.869	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.740%	
35) Dibromofluoromethane	7.716	113	71132	50.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.400%	
50) Toluene-d8	10.179	98	264654	50.169	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	12.477	95	99677	51.732	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.460%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	15923	10.155	ug/l	92

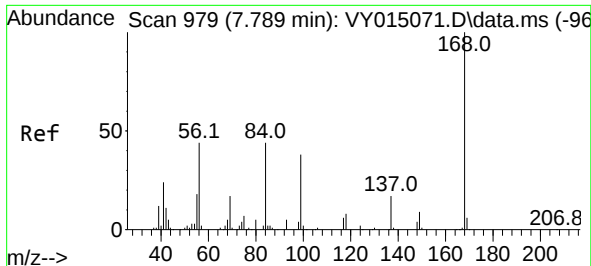
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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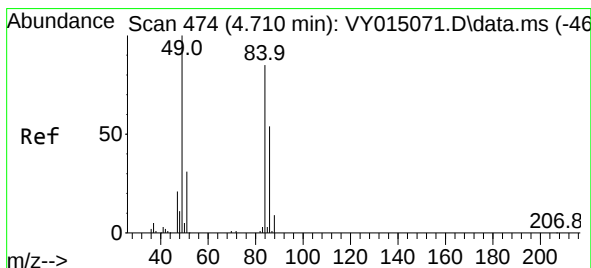
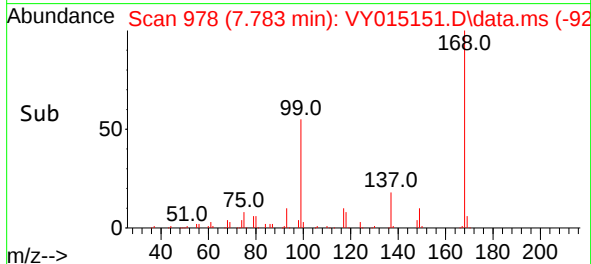
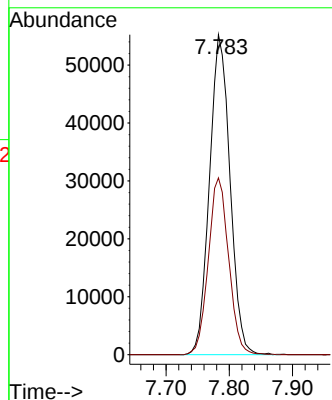
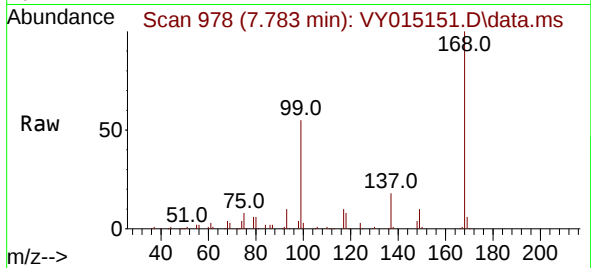




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015151.D
Acq: 16 Aug 2023 15:41

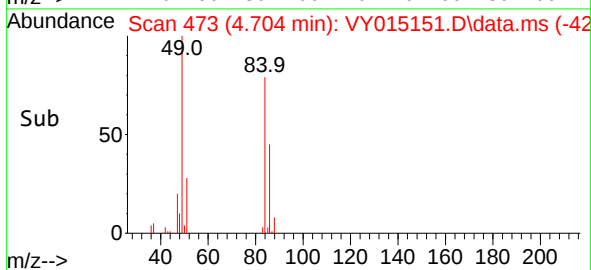
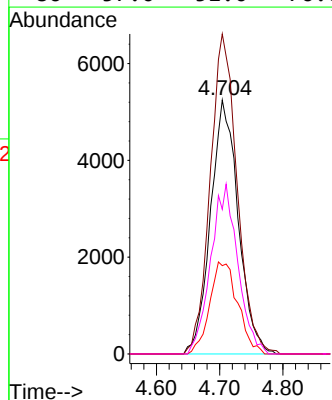
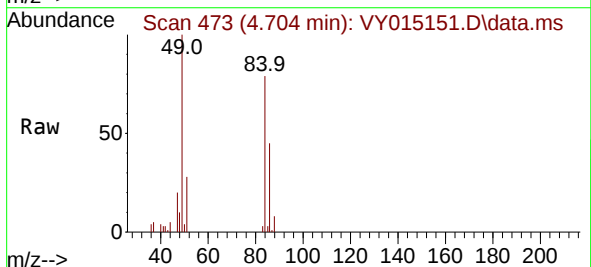
Instrument :
MSVOA_Y
ClientSampleId :
E-1

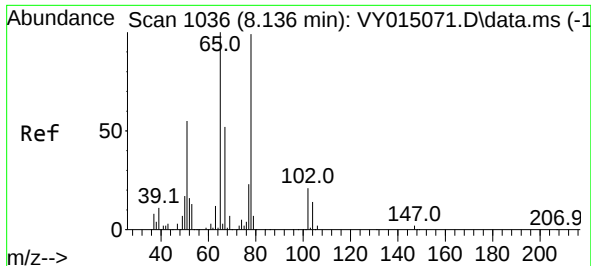
Tgt Ion:168 Resp: 124542
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#20
Methylene Chloride
Concen: 10.155 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015151.D
Acq: 16 Aug 2023 15:41

Tgt Ion: 84 Resp: 15923
Ion Ratio Lower Upper
84 100
49 126.1 106.9 160.3
51 34.8 33.2 49.8
86 57.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 57.869 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015151.D

Acq: 16 Aug 2023 15:41

Instrument :

MSVOA_Y

ClientSampleId :

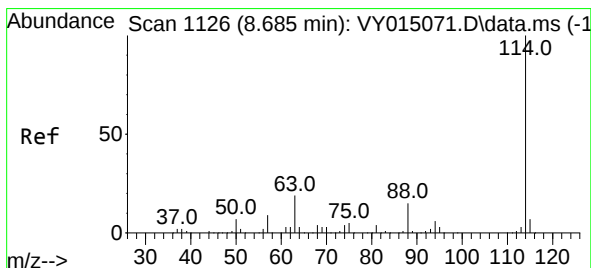
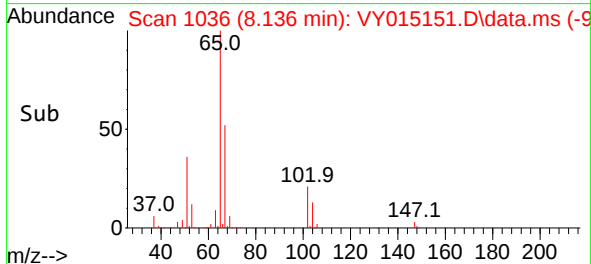
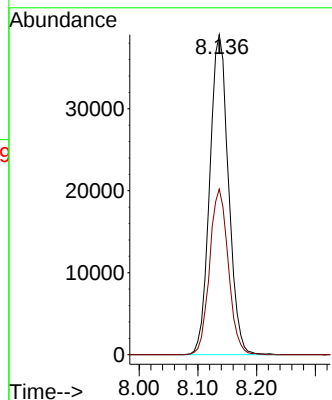
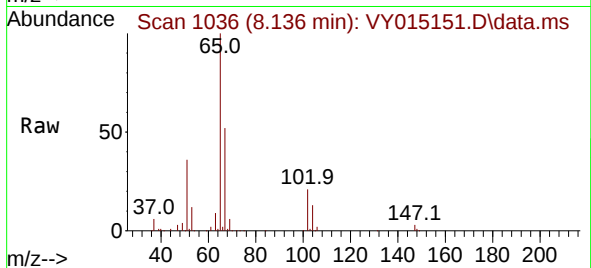
E-1

Tgt Ion: 65 Resp: 86515

Ion Ratio Lower Upper

65 100

67 51.6 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: VY015151.D

Acq: 16 Aug 2023 15:41

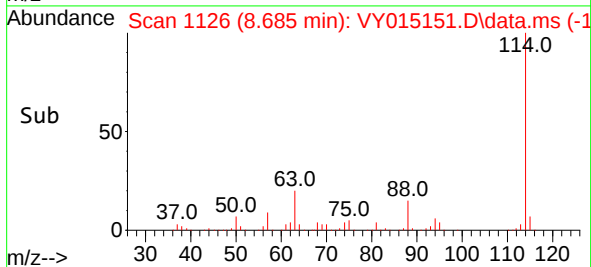
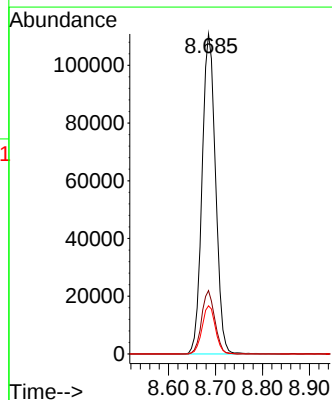
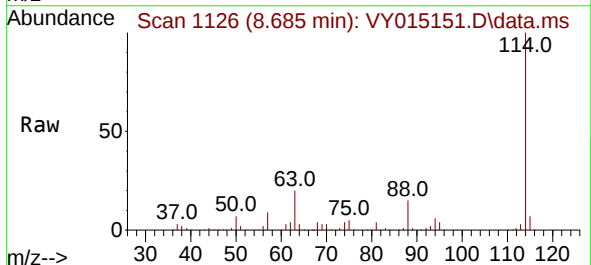
Tgt Ion: 114 Resp: 220275

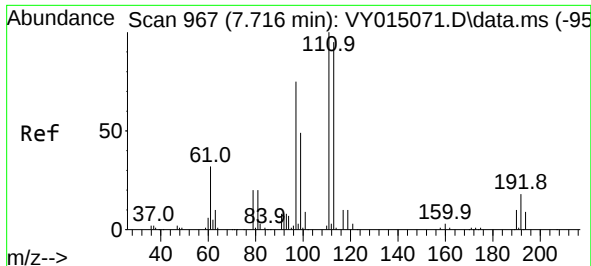
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.1 0.0 30.6

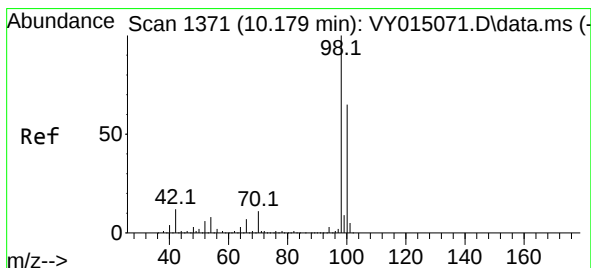
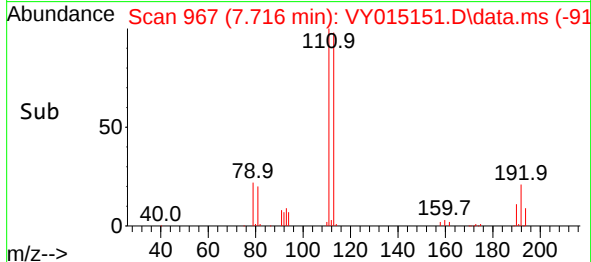
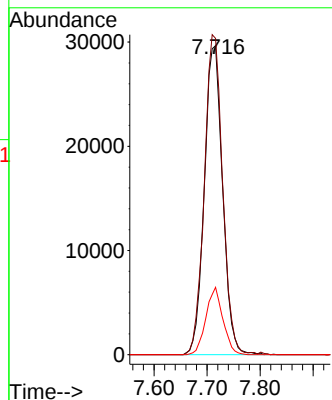
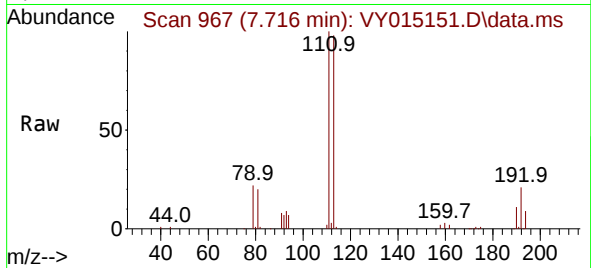




#35
Dibromofluoromethane
Concen: 50.195 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015151.D
Acq: 16 Aug 2023 15:41

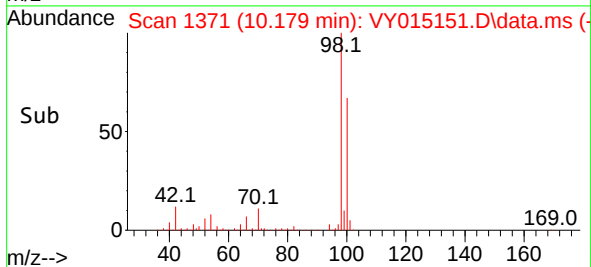
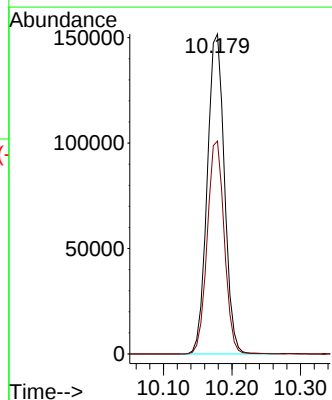
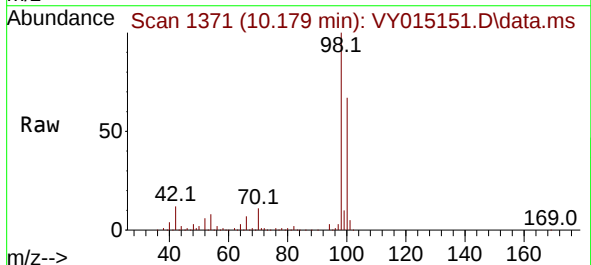
Instrument :
MSVOA_Y
ClientSampleId :
E-1

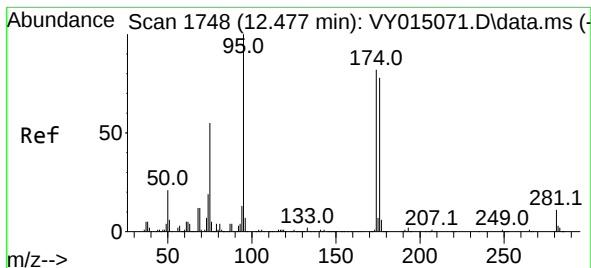
Tgt Ion:113 Resp: 71132
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 20.2 16.9 25.3



#50
Toluene-d8
Concen: 50.169 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015151.D
Acq: 16 Aug 2023 15:41

Tgt Ion: 98 Resp: 264654
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

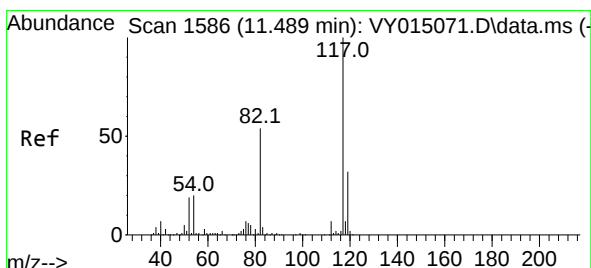
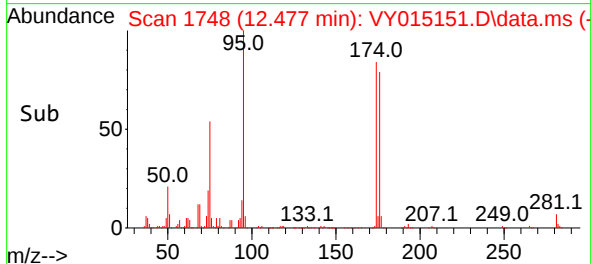
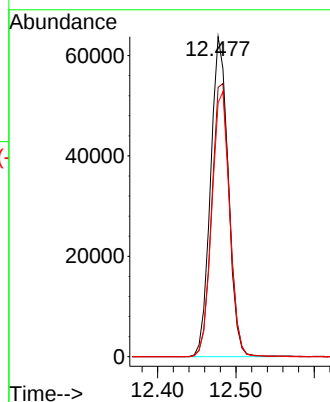
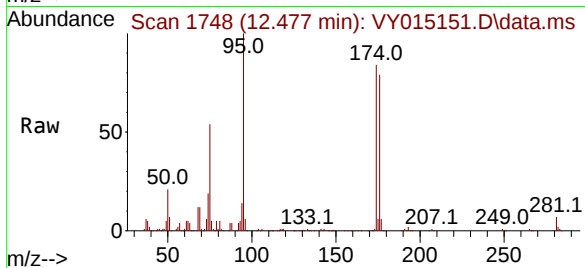




#62
4-Bromofluorobenzene
Concen: 51.732 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015151.D
Acq: 16 Aug 2023 15:41

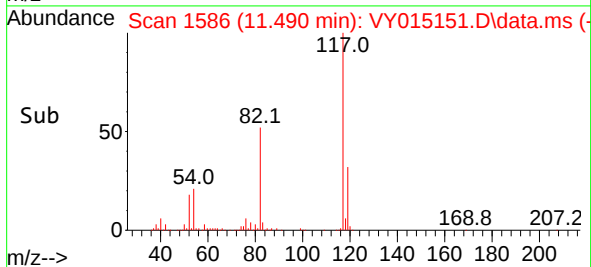
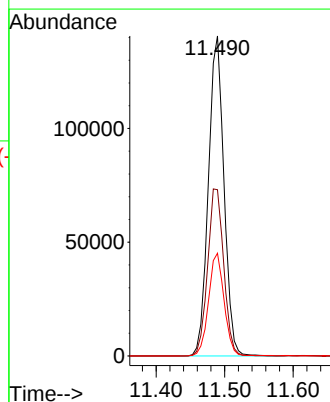
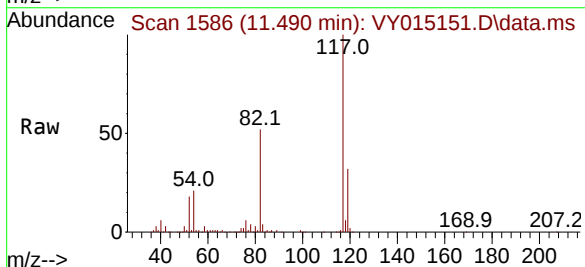
Instrument :
MSVOA_Y
ClientSampleId :
E-1

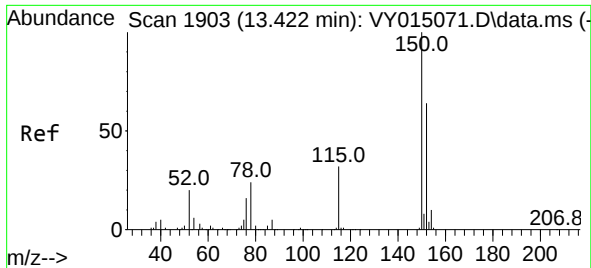
Tgt Ion: 95 Resp: 99677
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 83.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015151.D
Acq: 16 Aug 2023 15:41

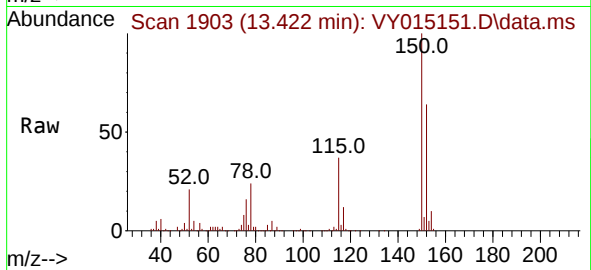
Tgt Ion: 117 Resp: 222191
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.0
119 32.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015151.D
 Acq: 16 Aug 2023 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 E-1



Tgt Ion:152 Resp: 112264
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.8 86.5
 150 157.9 0.0 348.8

