

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016050.D
 Acq On : 19 Oct 2023 20:17
 Operator : SY/MD
 Sample : 04941-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 213

Quant Time: Oct 20 05:41:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

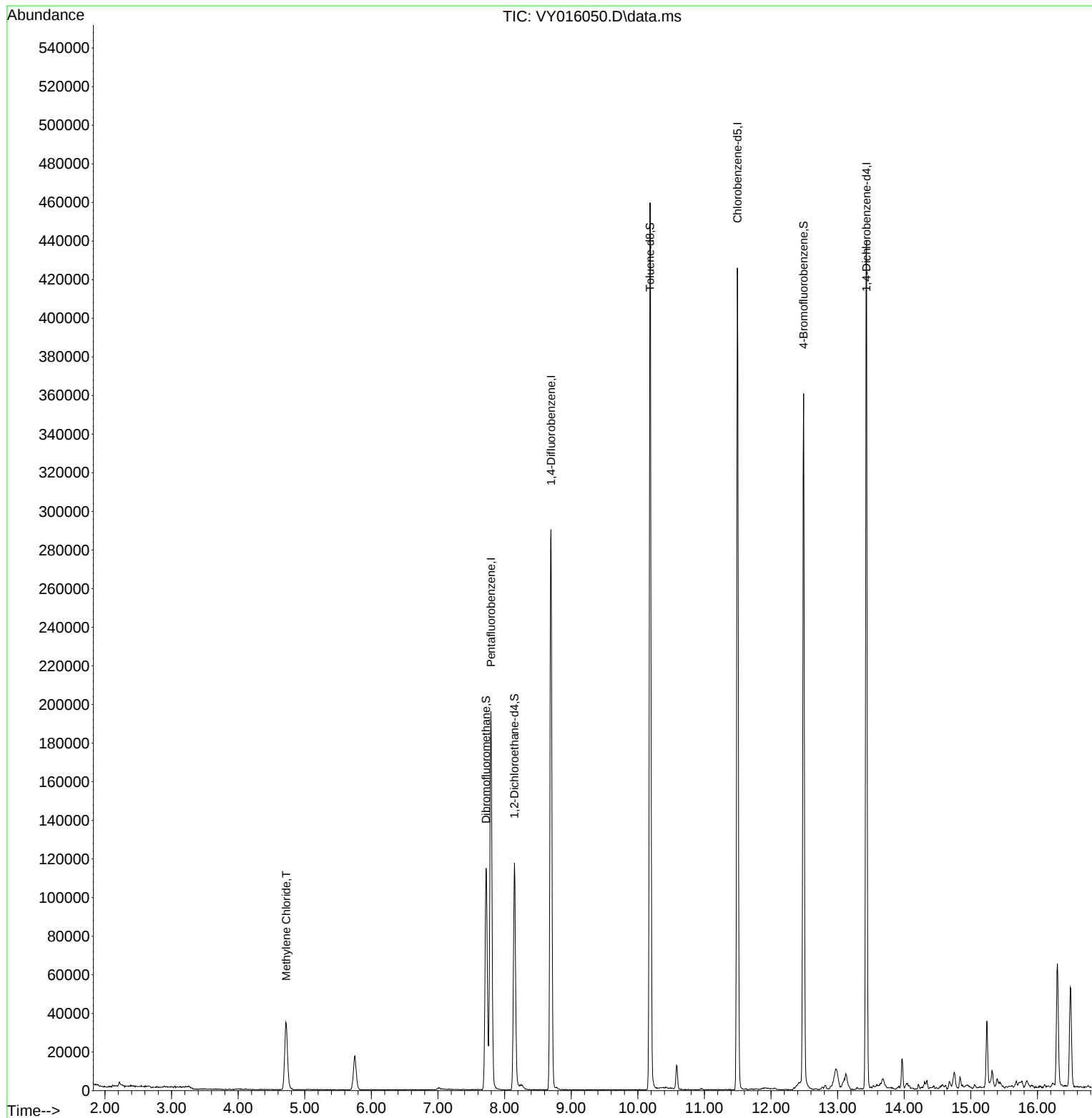
Internal Standards						
1) Pentafluorobenzene	7.795	168	155827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	255841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	237414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	118032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94841	53.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.100%	
35) Dibromofluoromethane	7.722	113	83067	49.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.660%	
50) Toluene-d8	10.185	98	303907	49.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	12.489	95	104921	48.079	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.160%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	26788	13.735	ug/l	91

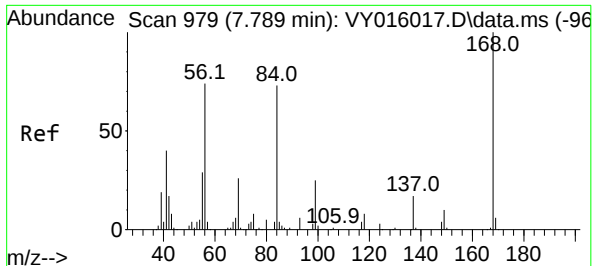
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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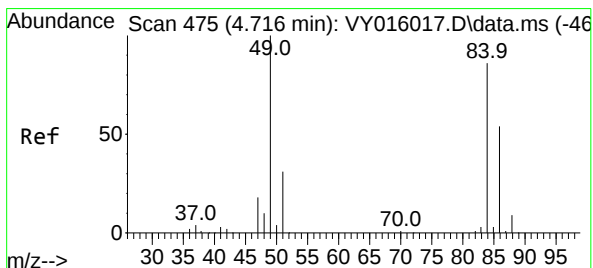
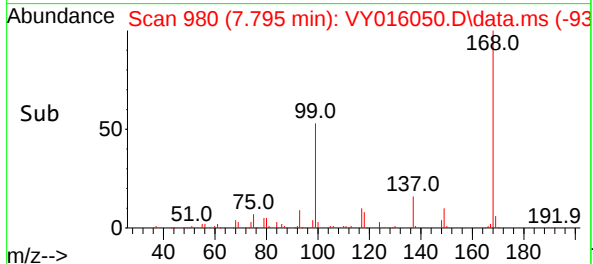
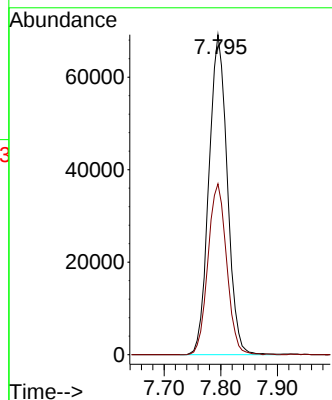
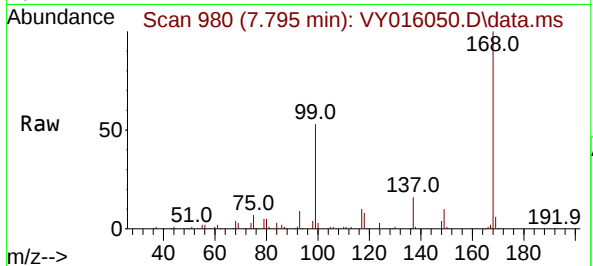




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

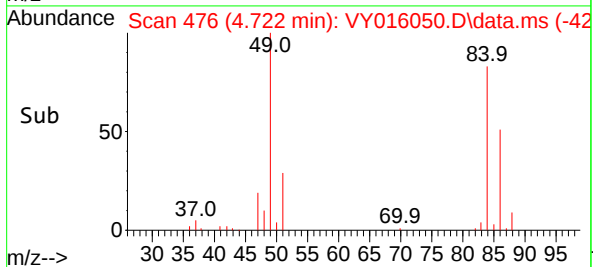
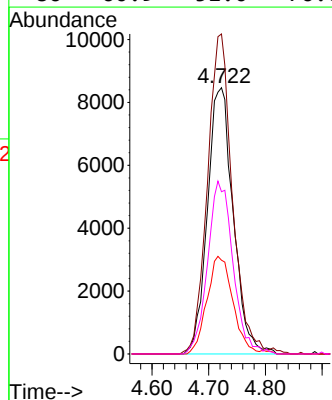
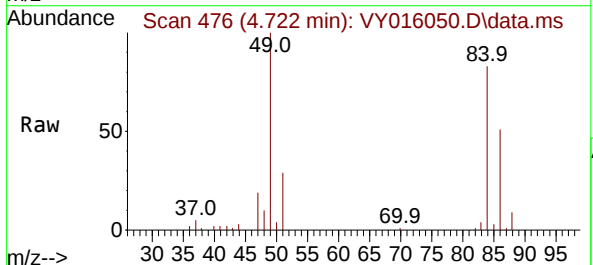
Instrument :
MSVOA_Y
ClientSampleId :
213

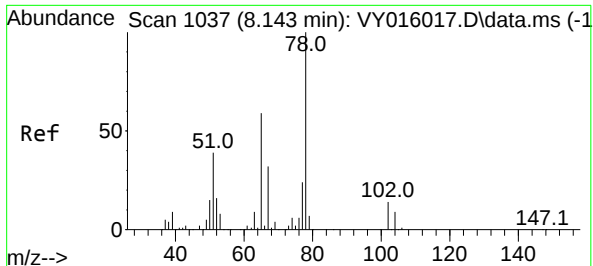
Tgt Ion:168 Resp: 155827
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#20
Methylene Chloride
Concen: 13.735 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

Tgt Ion: 84 Resp: 26788
Ion Ratio Lower Upper
84 100
49 120.2 106.9 160.3
51 35.2 33.2 49.8
86 60.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.550 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016050.D

Acq: 19 Oct 2023 20:17

Instrument :

MSVOA_Y

ClientSampleId :

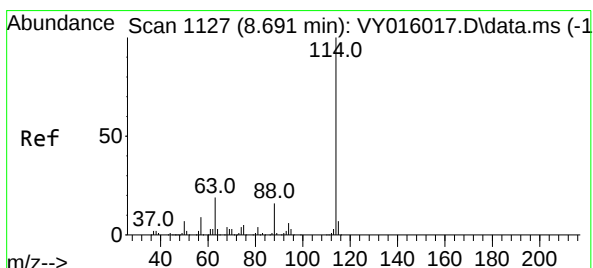
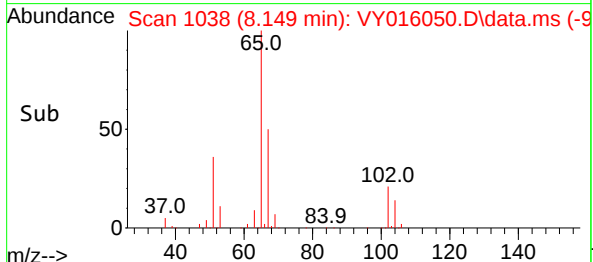
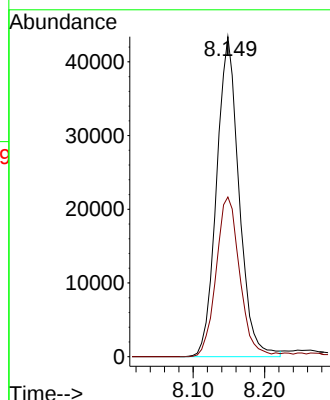
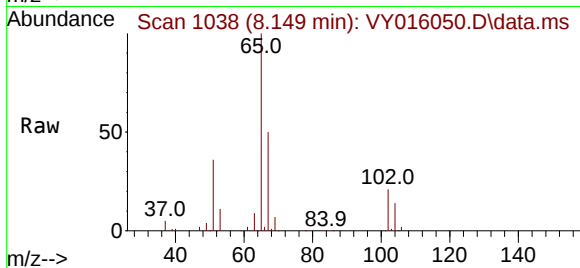
213

Tgt Ion: 65 Resp: 94841

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016050.D

Acq: 19 Oct 2023 20:17

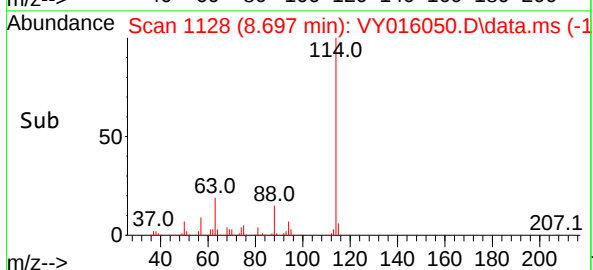
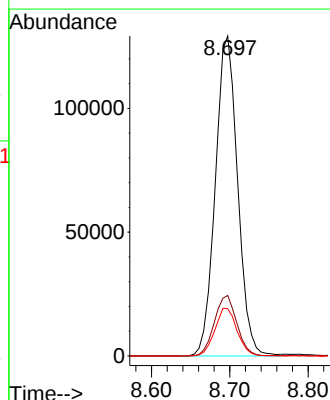
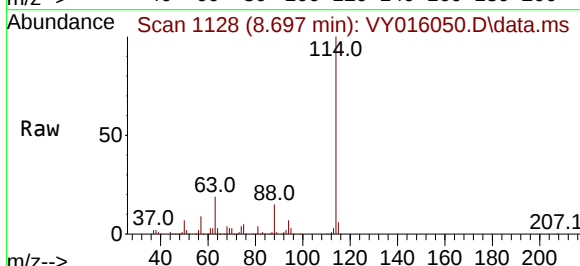
Tgt Ion:114 Resp: 255841

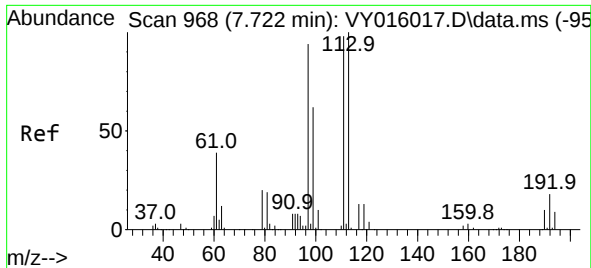
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.8 0.0 30.6

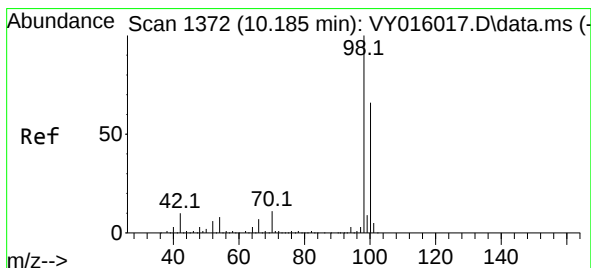
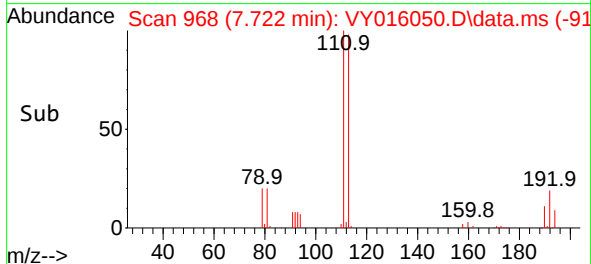
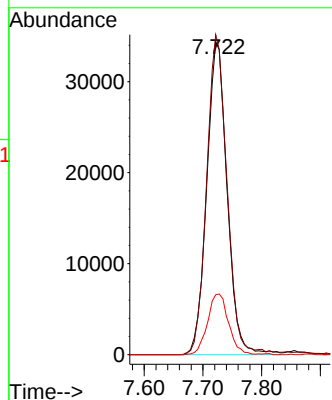
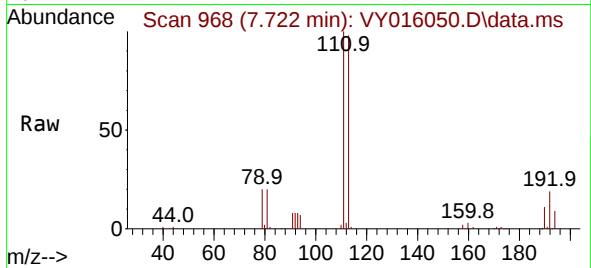




#35
Dibromofluoromethane
Concen: 49.328 ug/l
RT: 7.722 min Scan# 913
Delta R.T. -0.000 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

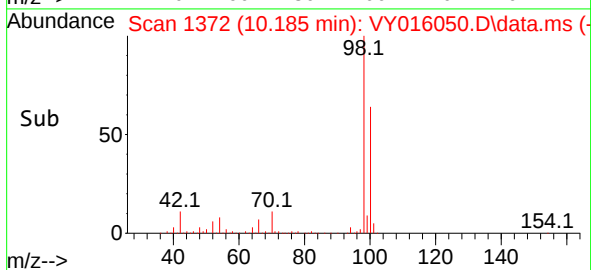
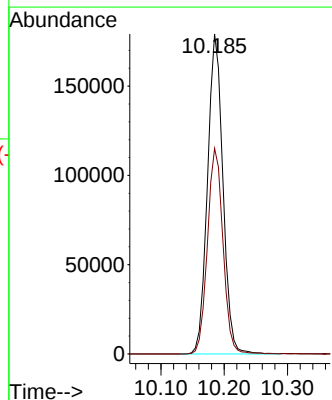
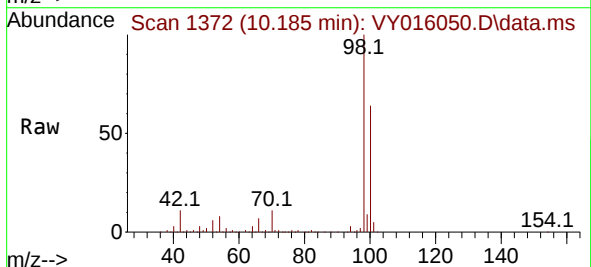
Instrument :
MSVOA_Y
ClientSampleId :
213

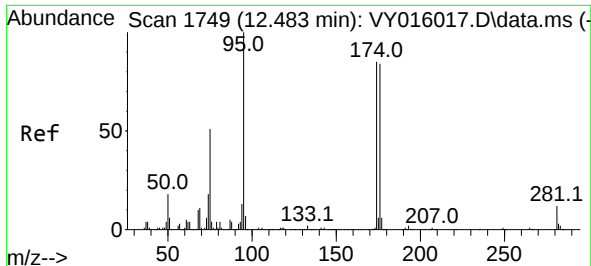
Tgt Ion:113 Resp: 83067
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 49.691 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

Tgt Ion: 98 Resp: 303907
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1

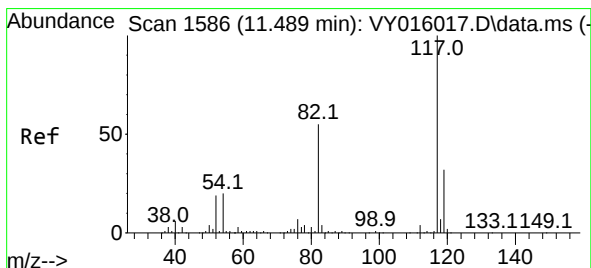
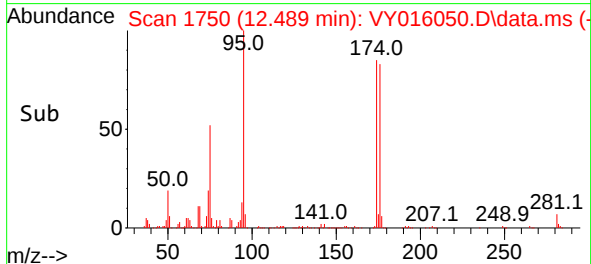
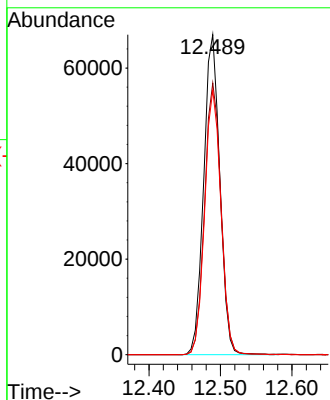
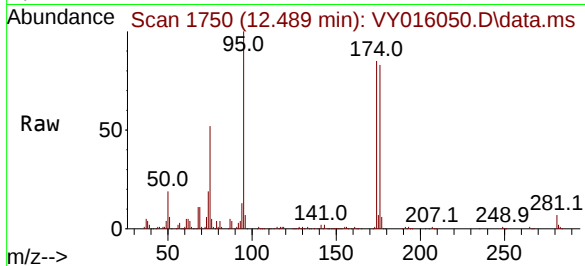




#62
4-Bromofluorobenzene
Concen: 48.079 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

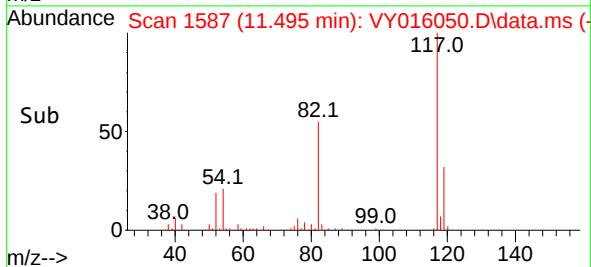
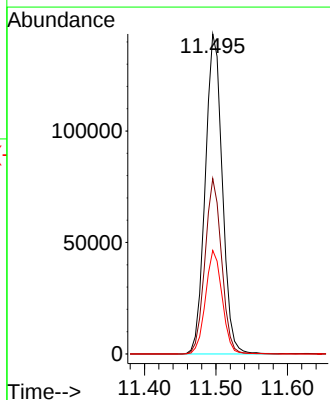
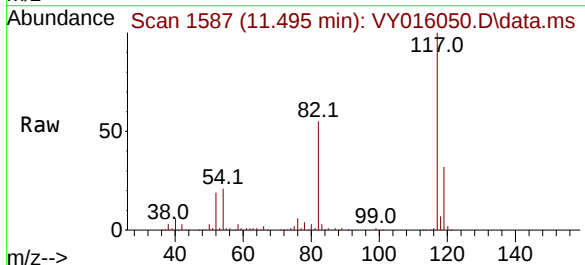
Instrument :
MSVOA_Y
ClientSampleId :
213

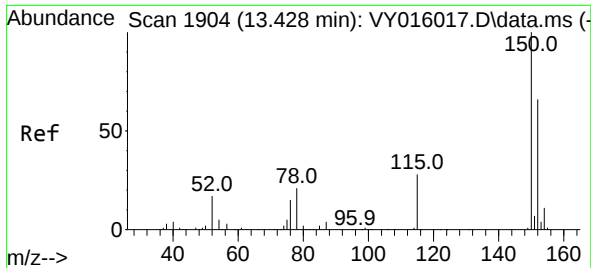
Tgt Ion: 95 Resp: 104921
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 83.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

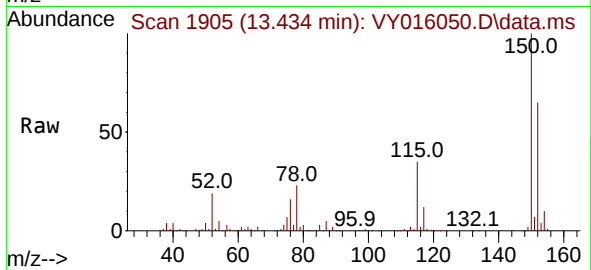
Tgt Ion: 117 Resp: 237414
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY016050.D
 Acq: 19 Oct 2023 20:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 213



Tgt Ion:152 Resp: 118032
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.8 86.5
 150 154.5 0.0 348.8

