

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015410.D
 Acq On : 01 Sep 2023 13:10
 Operator : SY/MD
 Sample : 04256-01
 Misc : 3.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-1

Quant Time: Sep 01 23:30:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

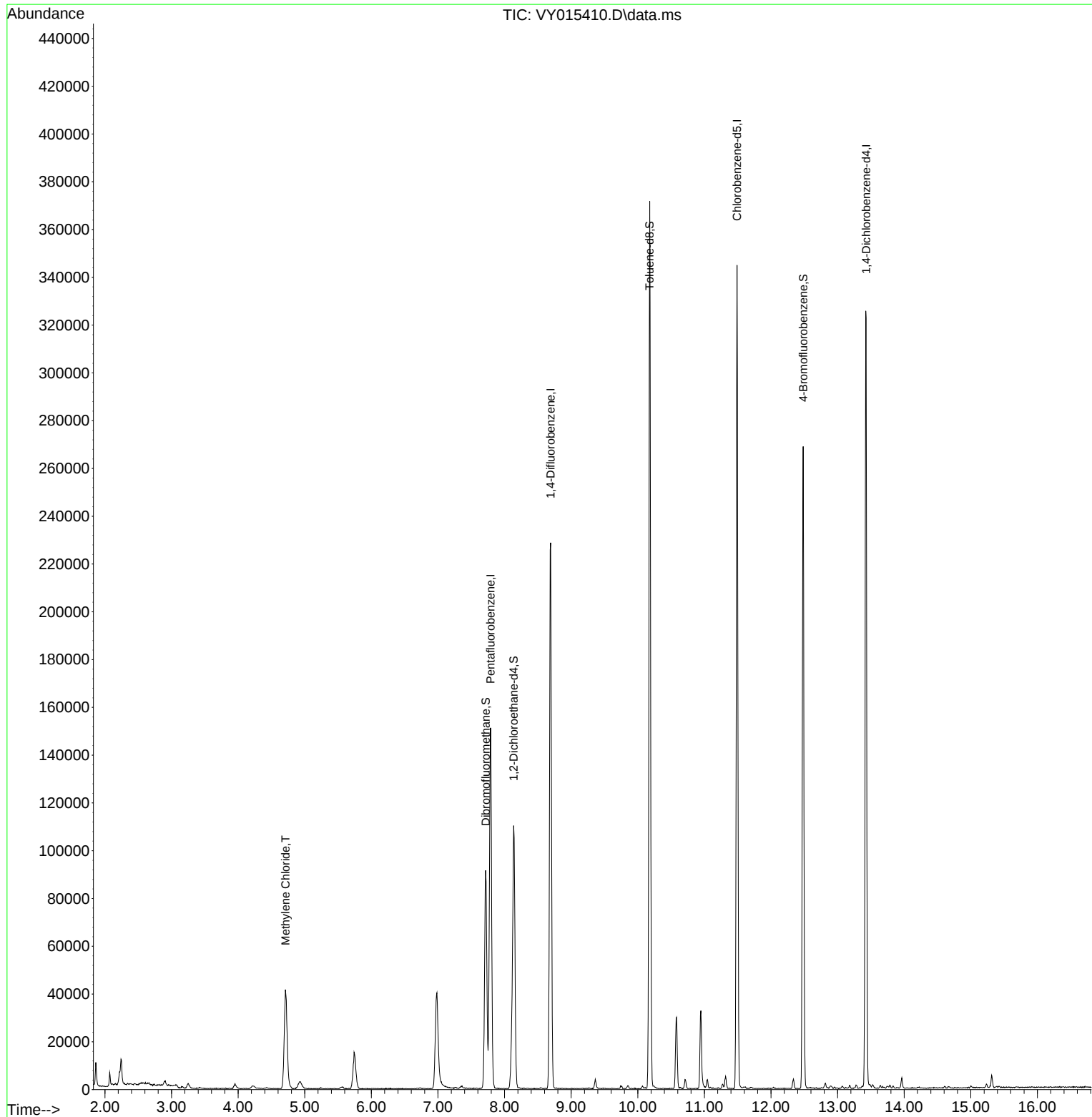
Internal Standards						
1) Pentafluorobenzene	7.789	168	117472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	180433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	78488	62.328	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 124.660%		
35) Dibromofluoromethane	7.716	113	63646	55.438	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.880%		
50) Toluene-d8	10.179	98	236020	56.769	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 113.540%		
62) 4-Bromofluorobenzene	12.483	95	76426	49.517	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 99.040%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	30452	13.174	ug/l	93

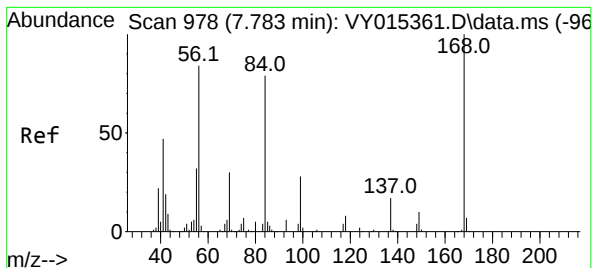
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

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Instrument :

MSVOA_Y

ClientSampleId :

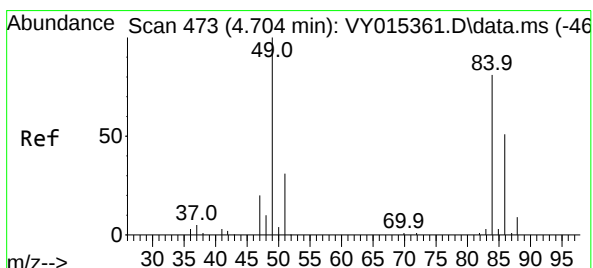
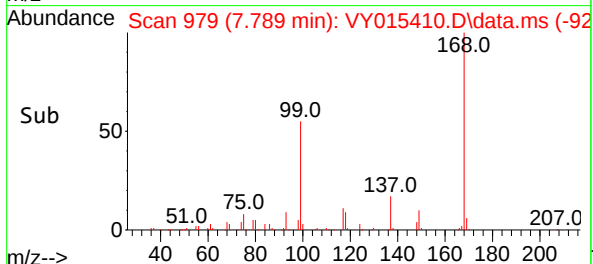
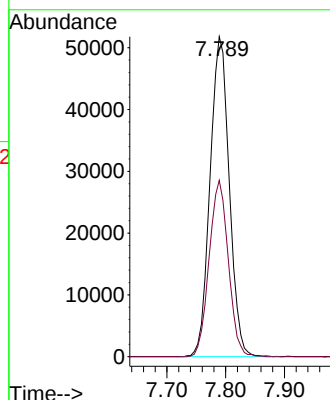
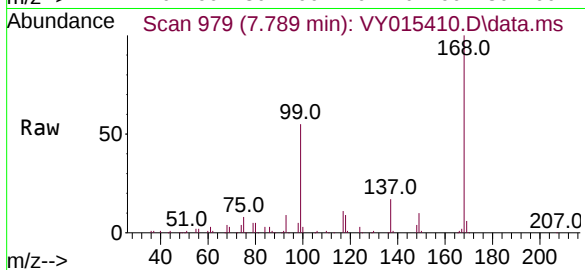
MW-1

Tgt Ion:168 Resp: 117472

Ion Ratio Lower Upper

168 100

99 55.1 43.4 65.0



#20

Methylene Chloride

Concen: 13.174 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY015410.D

Acq: 01 Sep 2023 13:10

Tgt Ion: 84 Resp: 30452

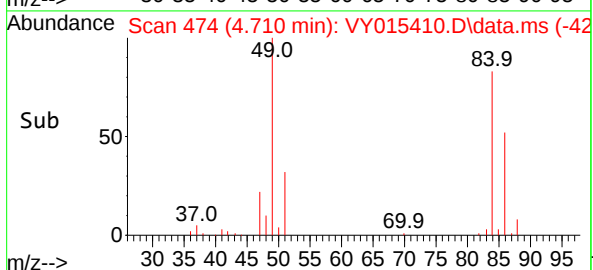
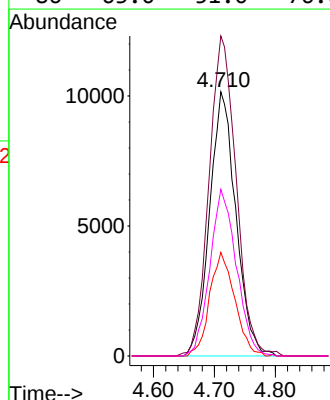
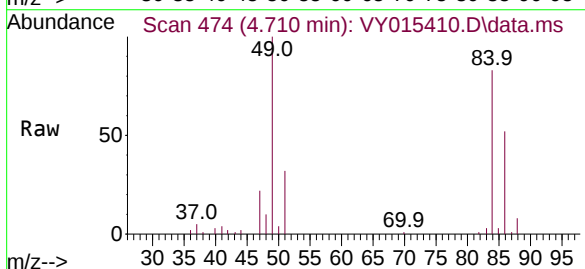
Ion Ratio Lower Upper

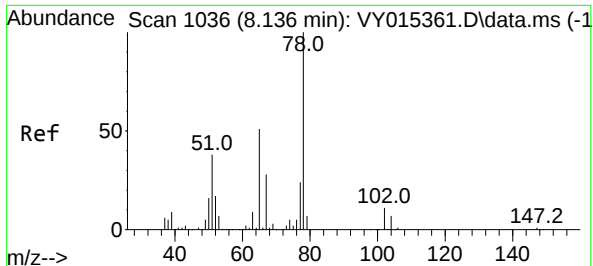
84 100

49 120.5 106.9 160.3

51 39.2 33.2 49.8

86 63.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.328 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015410.D

Acq: 01 Sep 2023 13:10

Instrument :

MSVOA_Y

ClientSampleId :

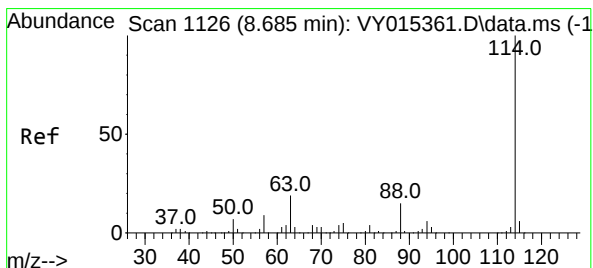
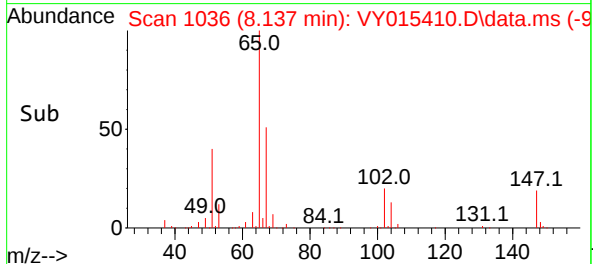
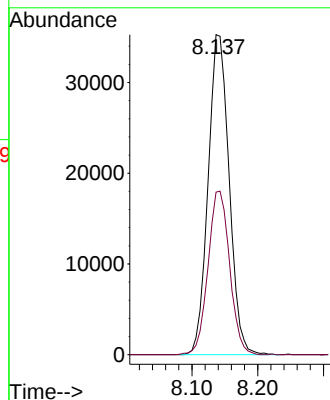
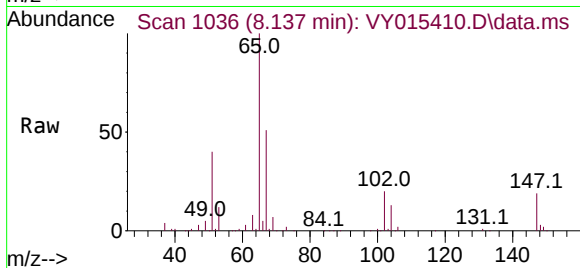
MW-1

Tgt Ion: 65 Resp: 78488

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015410.D

Acq: 01 Sep 2023 13:10

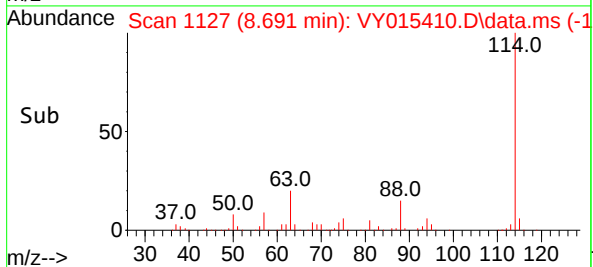
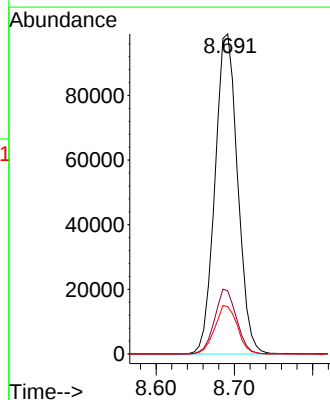
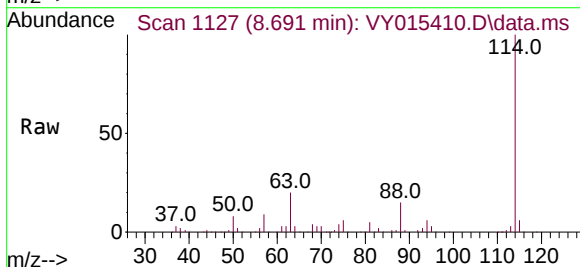
Tgt Ion: 114 Resp: 199322

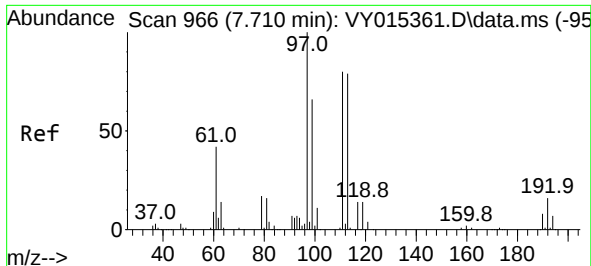
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 14.8 0.0 30.6

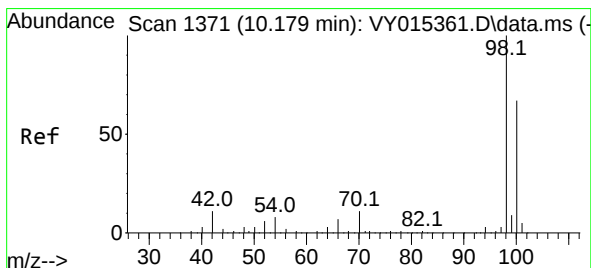
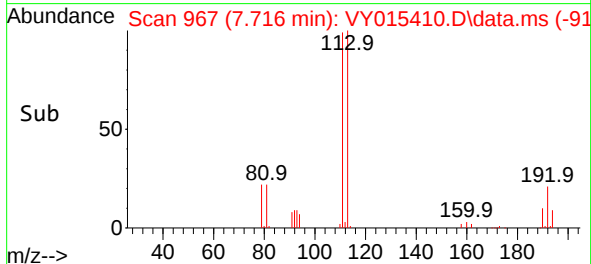
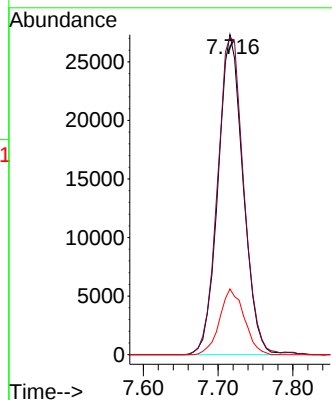
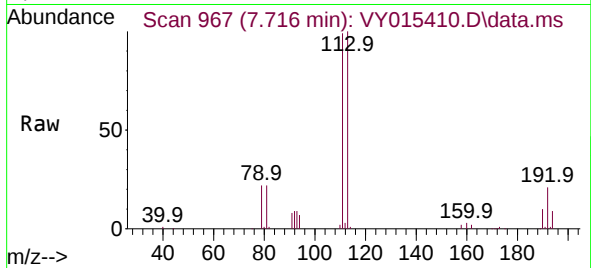




#35
Dibromofluoromethane
Concen: 55.438 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015410.D
Acq: 01 Sep 2023 13:10

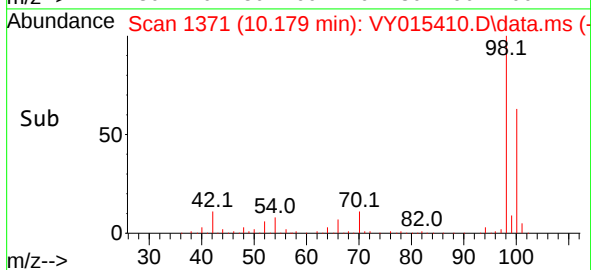
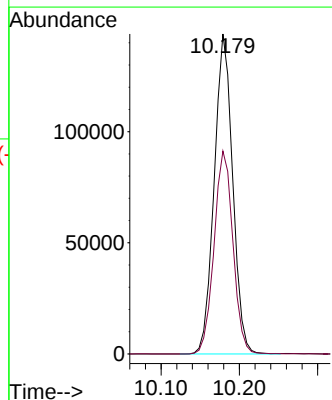
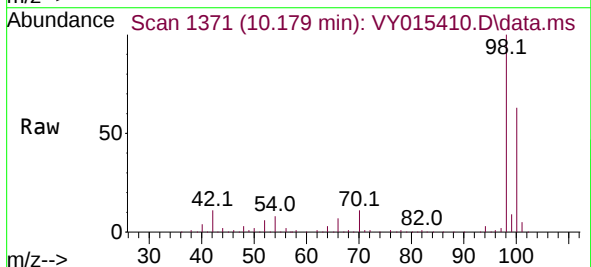
Instrument :
MSVOA_Y
ClientSampleId :
MW-1

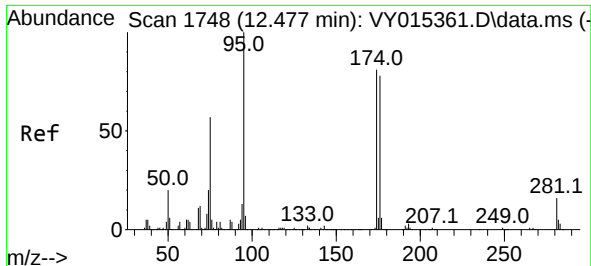
Tgt Ion:113 Resp: 63646
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 20.2 16.9 25.3



#50
Toluene-d8
Concen: 56.769 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015410.D
Acq: 01 Sep 2023 13:10

Tgt Ion: 98 Resp: 236020
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

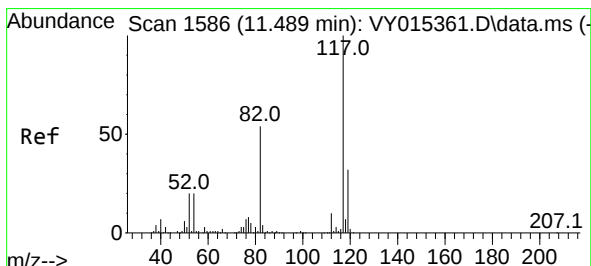
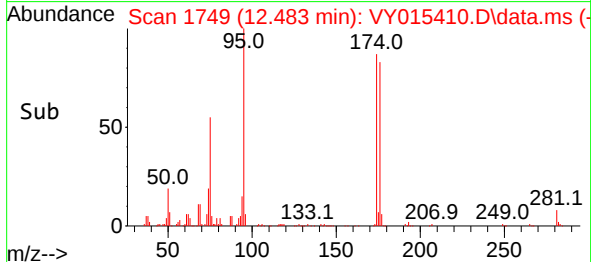
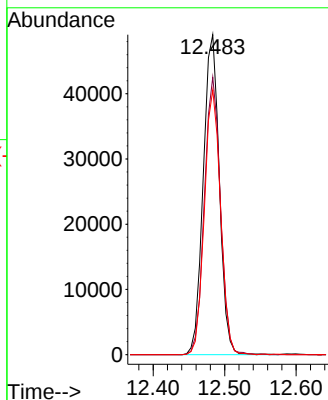
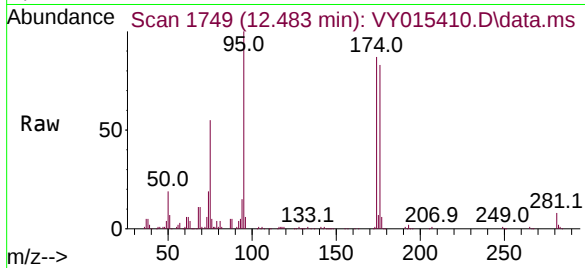




#62
4-Bromofluorobenzene
Concen: 49.517 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015410.D
Acq: 01 Sep 2023 13:10

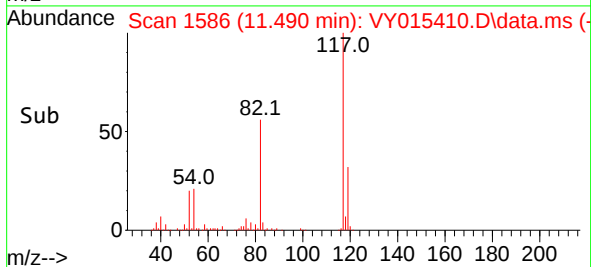
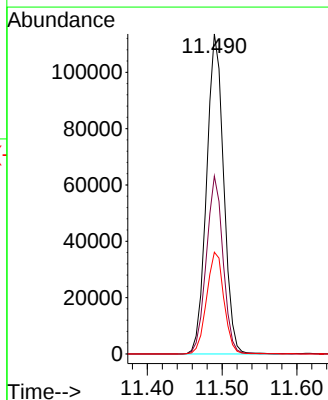
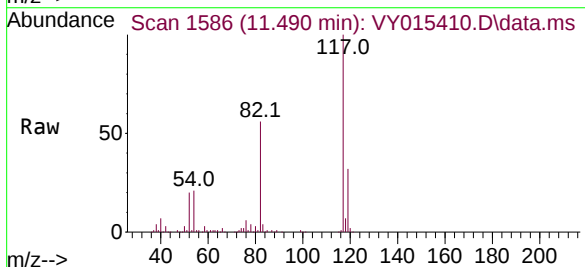
Instrument :
MSVOA_Y
ClientSampleId :
MW-1

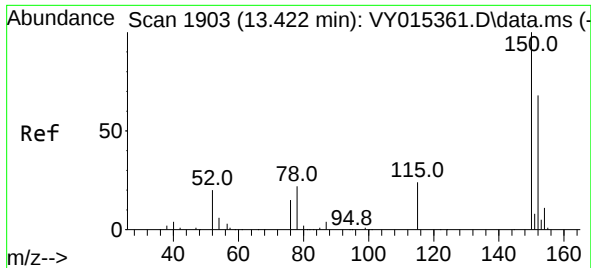
Tgt Ion: 95 Resp: 76426
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 83.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015410.D
Acq: 01 Sep 2023 13:10

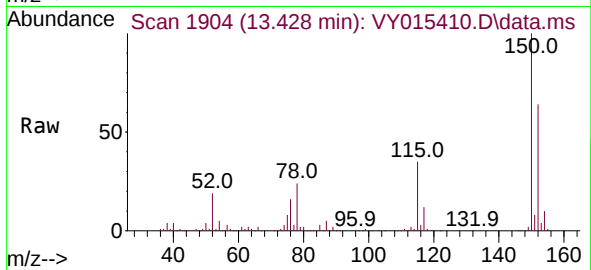
Tgt Ion: 117 Resp: 180433
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 31.8 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015410.D
Acq: 01 Sep 2023 13:10

Instrument :
MSVOA_Y
ClientSampleId :
MW-1



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.8	86.5
150	156.8	0.0	348.8

