

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015597.D
 Acq On : 16 Sep 2023 03:10
 Operator : SY/MD
 Sample : 04419-09
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-05(28-30)

Quant Time: Sep 16 05:29:07 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)

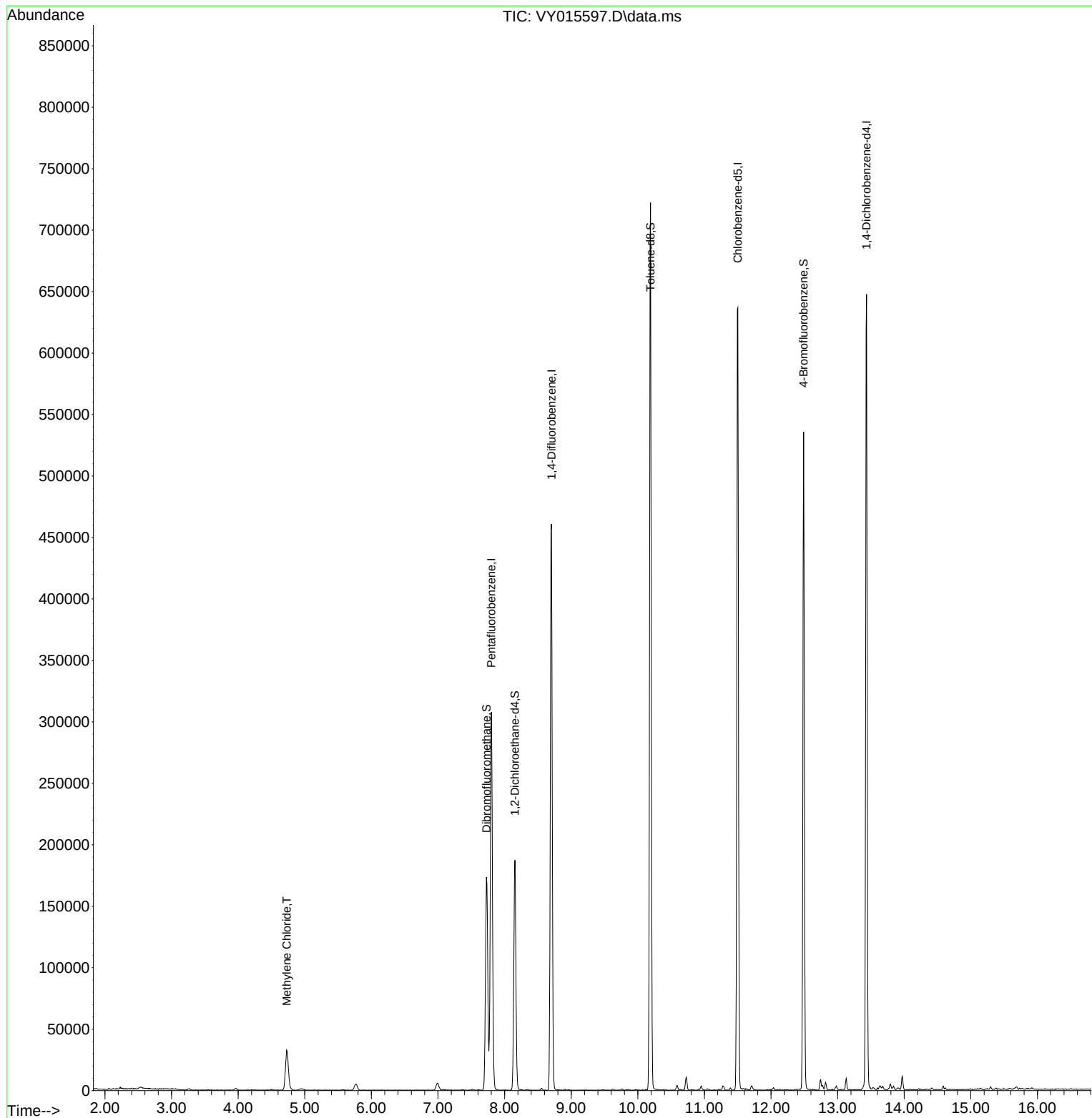
Internal Standards						
1) Pentafluorobenzene	7.801	168	239033	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	400119	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.502	117	360467	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	167689	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	144691	56.467	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.940%	
35) Dibromofluoromethane	7.728	113	124150	53.870	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.740%	
50) Toluene-d8	10.191	98	467782	56.050	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.100%	
62) 4-Bromofluorobenzene	12.489	95	157260	50.757	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.520%	
Target Compounds						Qvalue
20) Methylene Chloride	4.728	84	24668	1.281	ug/l	94

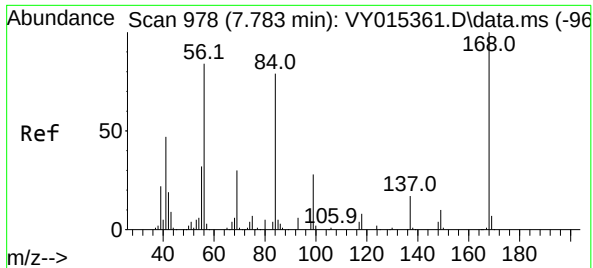
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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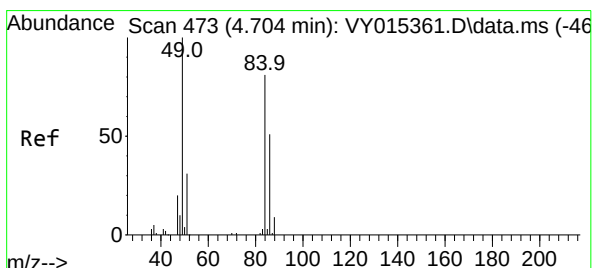
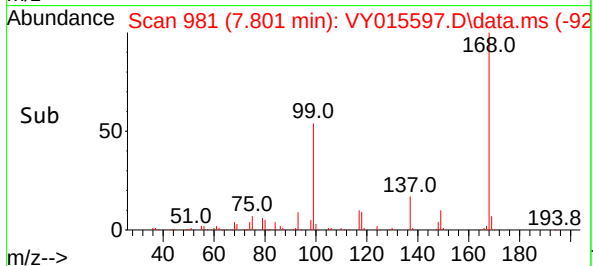
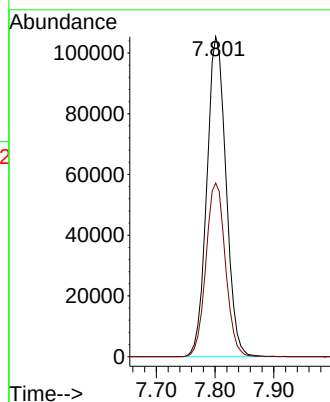
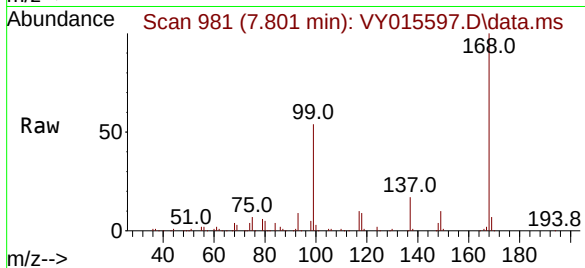




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015597.D
Acq: 16 Sep 2023 03:10

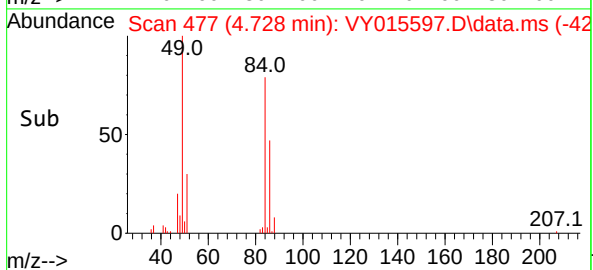
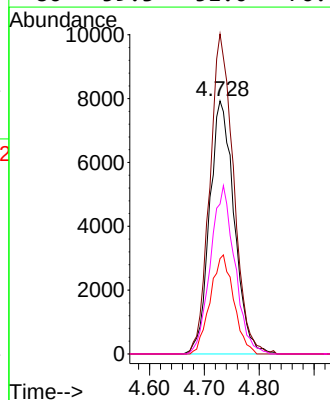
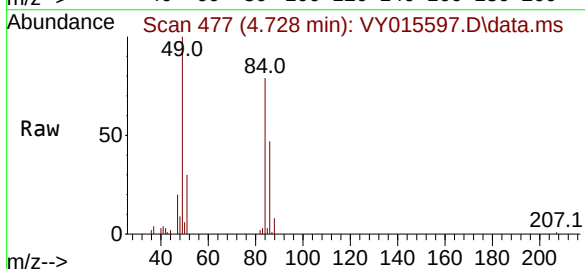
Instrument :
MSVOA_Y
ClientSampleId :
DB-05(28-30)

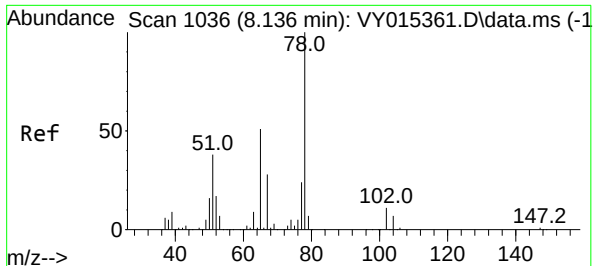
Tgt Ion:168 Resp: 239033
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#20
Methylene Chloride
Concen: 1.281 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.024 min
Lab File: VY015597.D
Acq: 16 Sep 2023 03:10

Tgt Ion: 84 Resp: 24668
Ion Ratio Lower Upper
84 100
49 126.5 106.9 160.3
51 37.7 33.2 49.8
86 59.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.467 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY015597.D

Acq: 16 Sep 2023 03:10

Instrument :

MSVOA_Y

ClientSampleId :

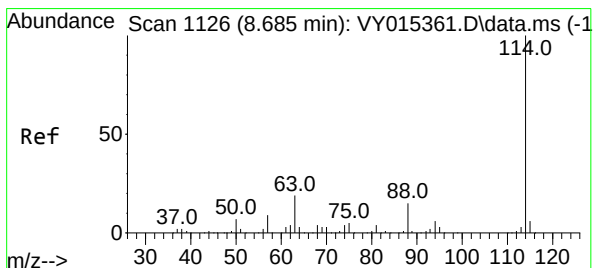
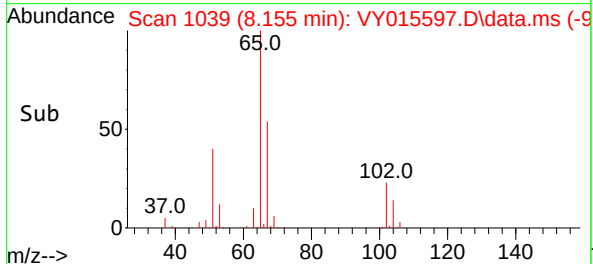
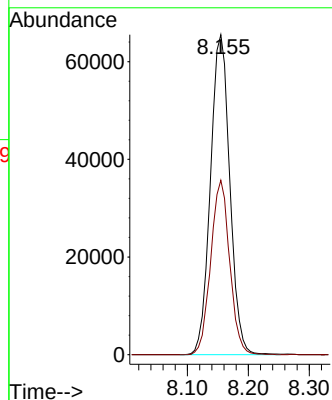
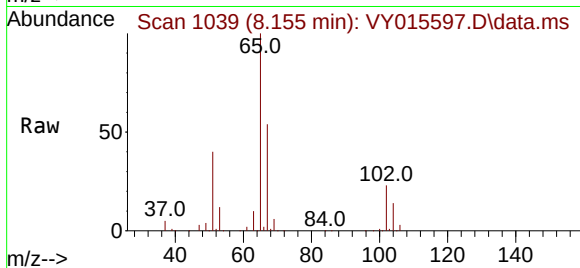
DB-05(28-30)

Tgt Ion: 65 Resp: 144691

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.018 min

Lab File: VY015597.D

Acq: 16 Sep 2023 03:10

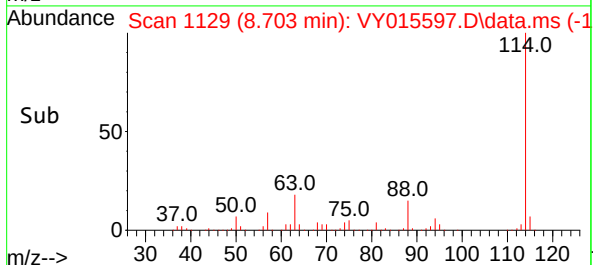
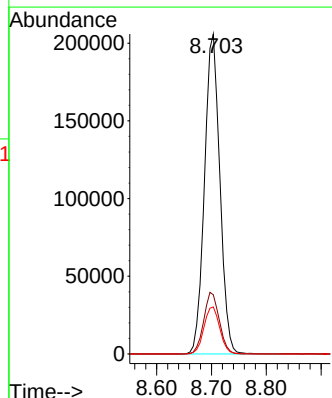
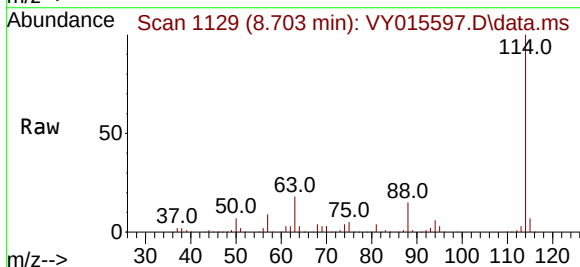
Tgt Ion: 114 Resp: 400119

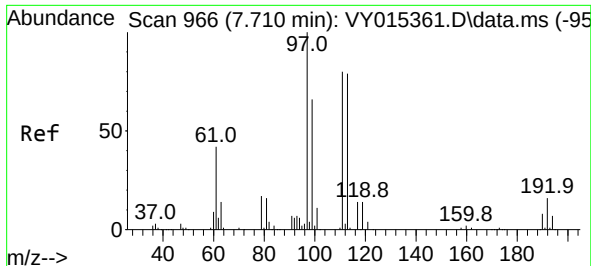
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.7 0.0 30.6

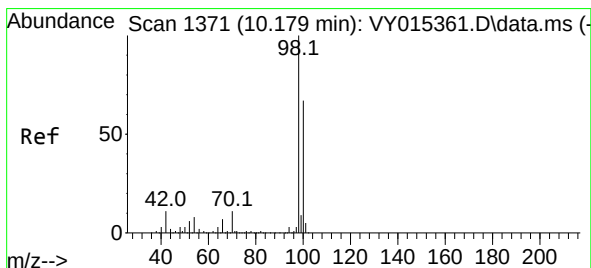
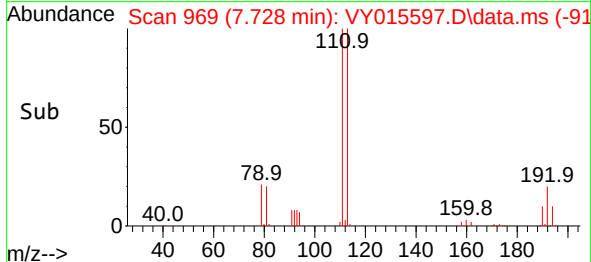
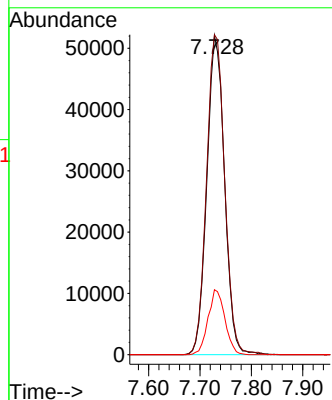
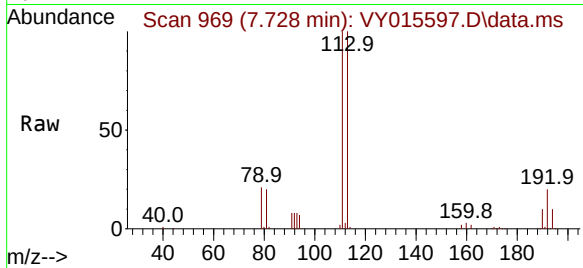




#35
Dibromofluoromethane
Concen: 53.870 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015597.D
Acq: 16 Sep 2023 03:10

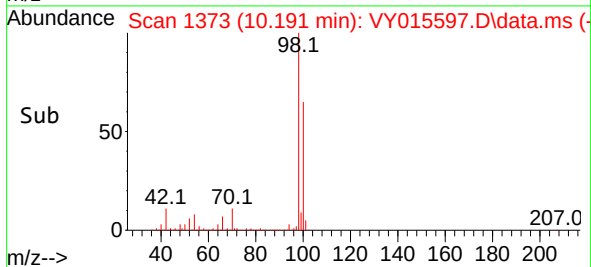
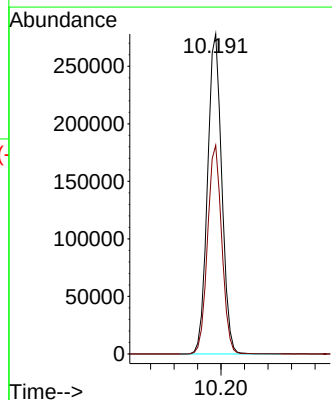
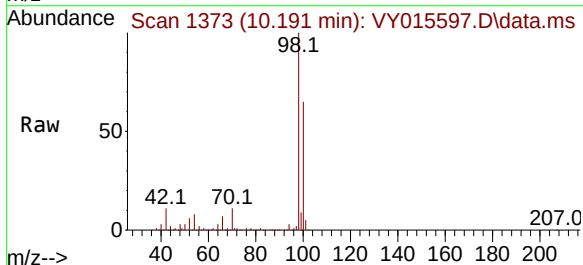
Instrument :
MSVOA_Y
ClientSampleId :
DB-05(28-30)

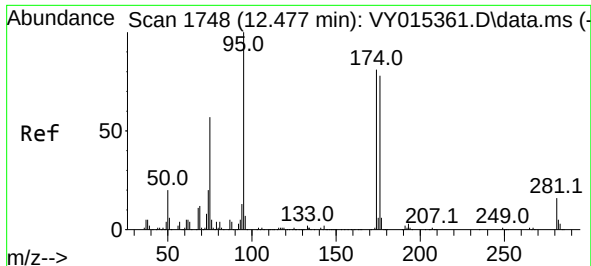
Tgt Ion:113 Resp: 124150
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 56.050 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.012 min
Lab File: VY015597.D
Acq: 16 Sep 2023 03:10

Tgt Ion: 98 Resp: 467782
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

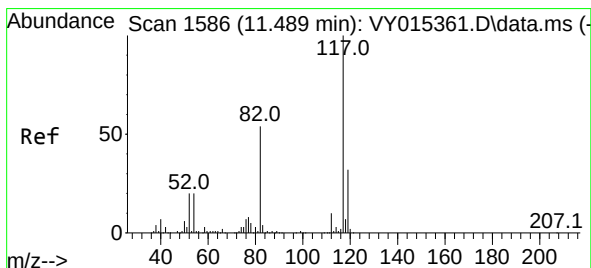
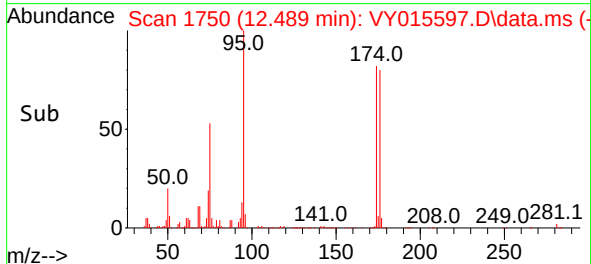
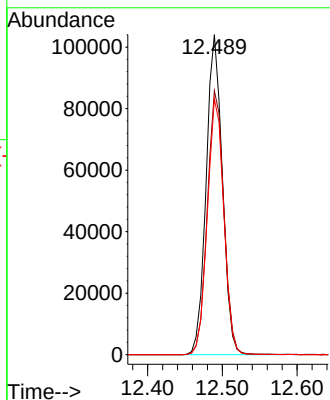
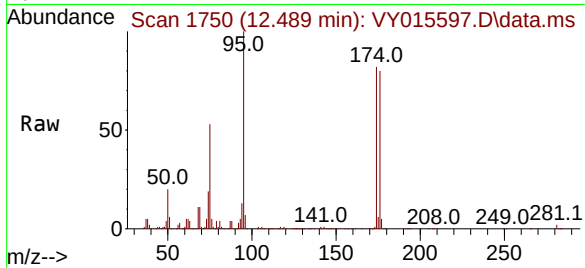




#62
4-Bromofluorobenzene
Concen: 50.757 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015597.D
Acq: 16 Sep 2023 03:10

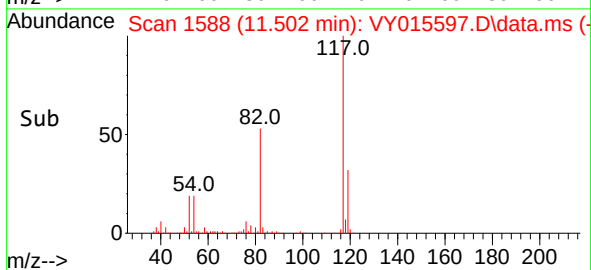
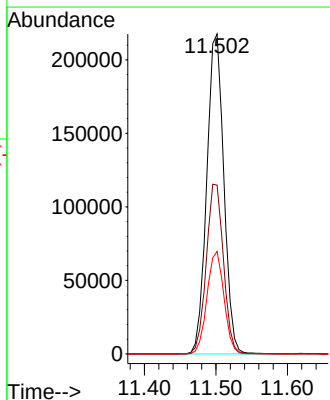
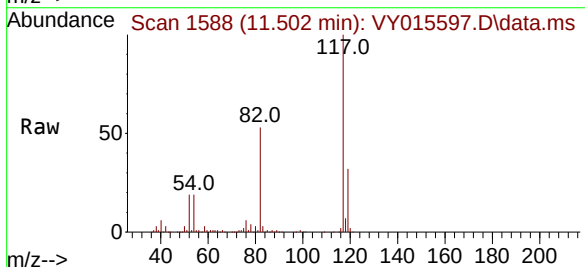
Instrument :
MSVOA_Y
ClientSampleId :
DB-05(28-30)

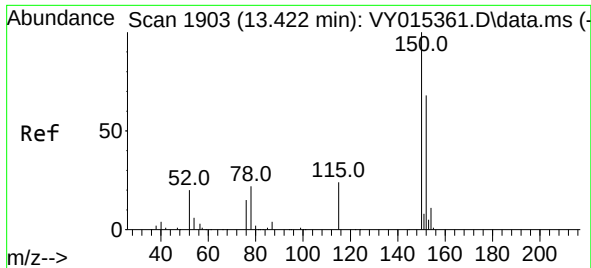
Tgt Ion: 95 Resp: 157260
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VY015597.D
Acq: 16 Sep 2023 03:10

Tgt Ion: 117 Resp: 360467
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY015597.D

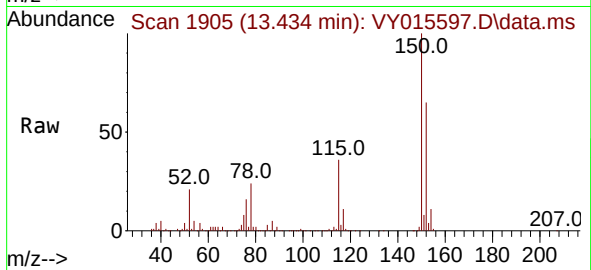
Acq: 16 Sep 2023 03:10

Instrument :

MSVOA_Y

ClientSampleId :

DB-05(28-30)



Tgt Ion:152 Resp: 167689

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 155.4 0.0 348.8

