

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013851.D
 Acq On : 24 May 2023 17:09
 Operator : KP/MD
 Sample : 02848-10
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP5

Quant Time: May 25 07:09:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

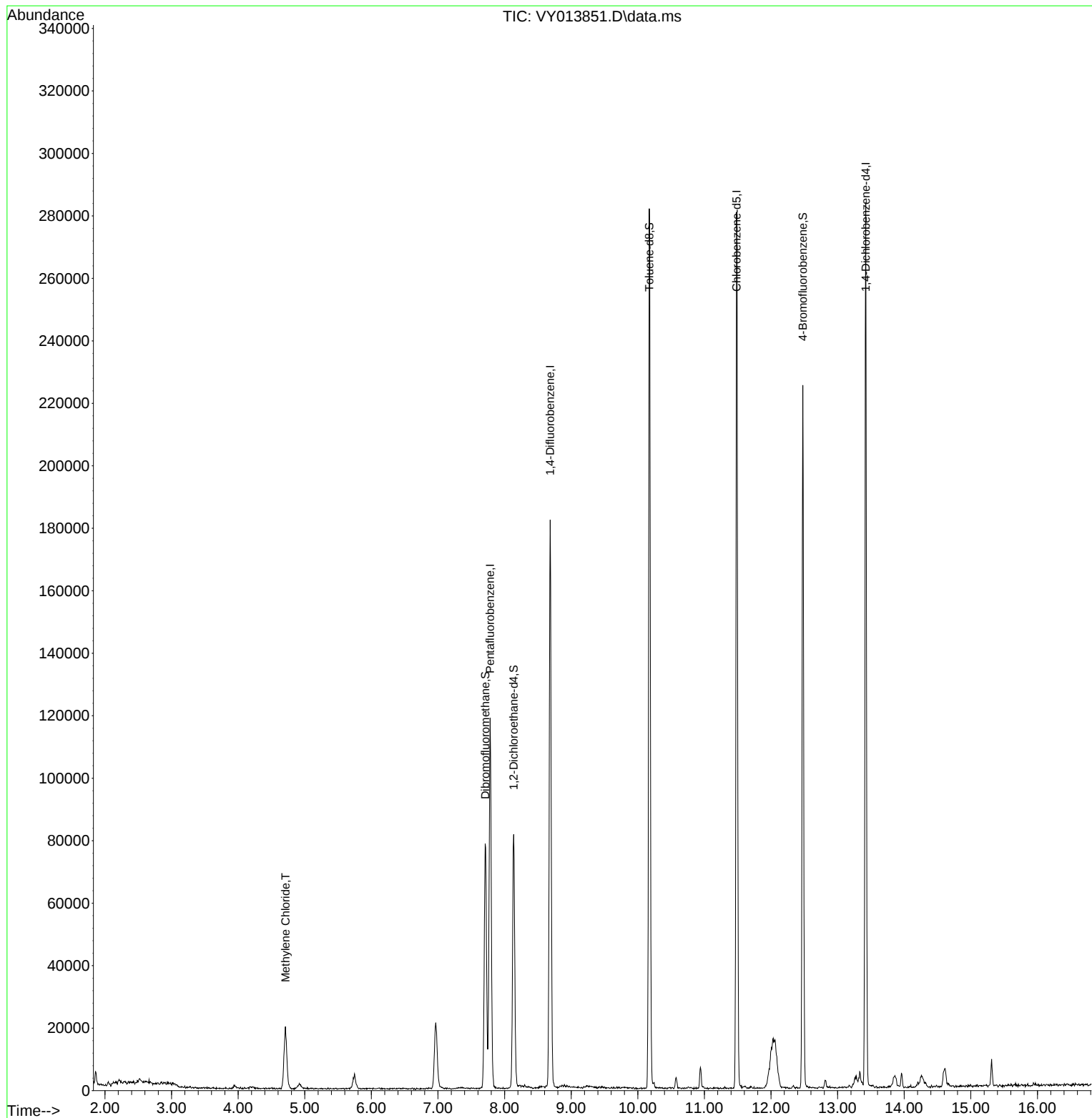
Internal Standards						
1) Pentafluorobenzene	7.783	168	88694	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	151620	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	152332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66433	64.743	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.480%	
35) Dibromofluoromethane	7.710	113	53469	54.606	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.220%	
50) Toluene-d8	10.173	98	184344	49.535	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.060%	
62) 4-Bromofluorobenzene	12.477	95	62418	50.458	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.920%	
Target Compounds						
20) Methylene Chloride	4.710	84	13154	10.158	ug/l	Qvalue 95

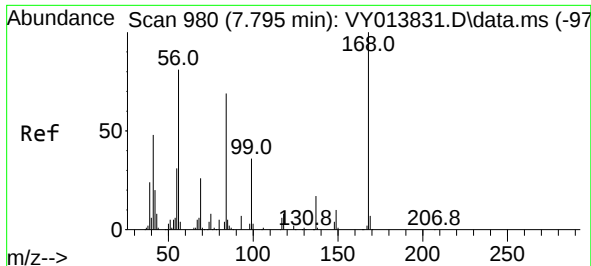
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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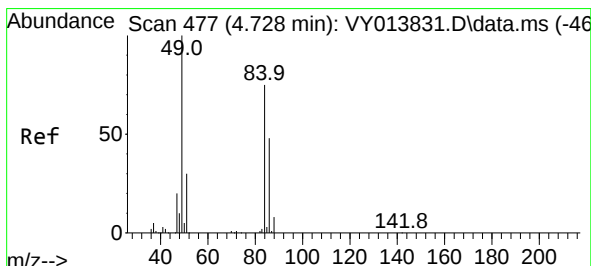
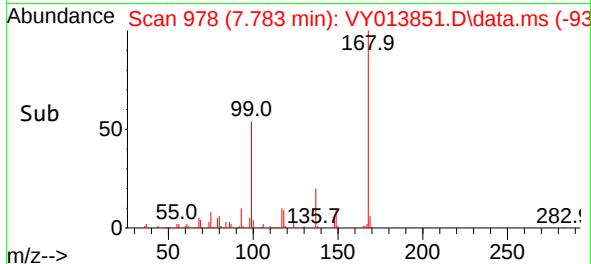
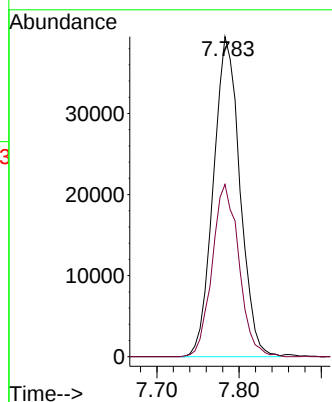
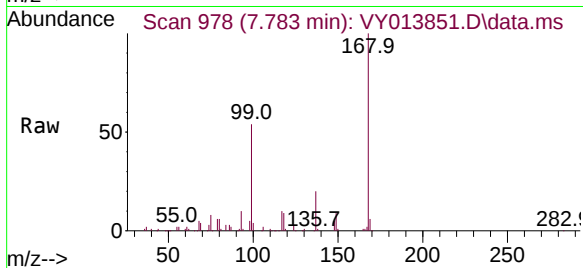




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

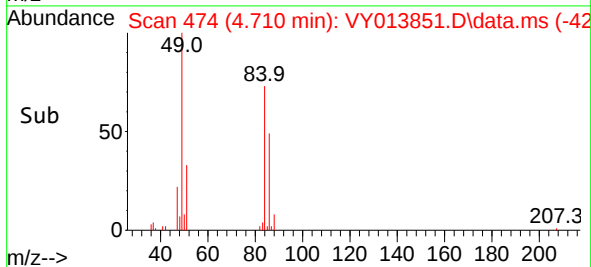
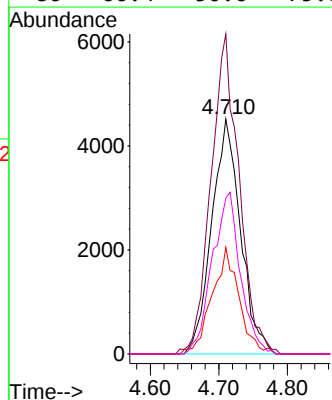
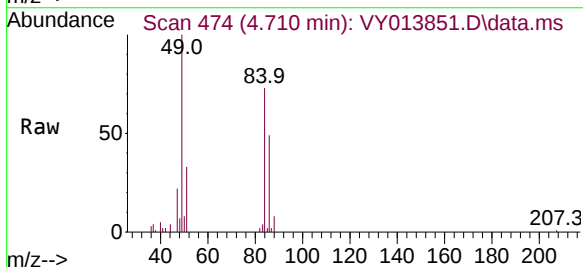
Instrument :
MSVOA_Y
ClientSampleId :
TP5

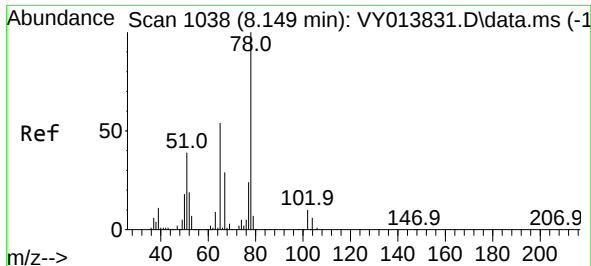
Tgt Ion:168 Resp: 88694
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.2



#20
Methylene Chloride
Concen: 10.158 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

Tgt Ion: 84 Resp: 13154
Ion Ratio Lower Upper
84 100
49 136.4 106.2 159.2
51 45.3 31.4 47.0
86 66.4 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 64.743 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY013851.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

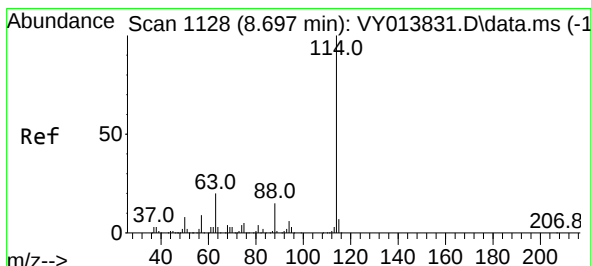
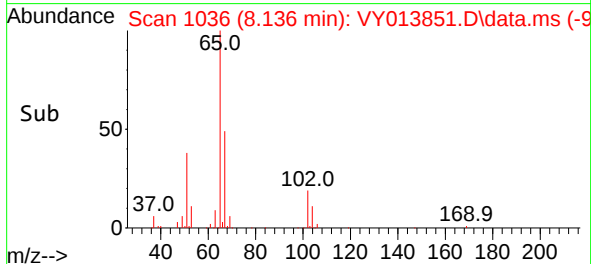
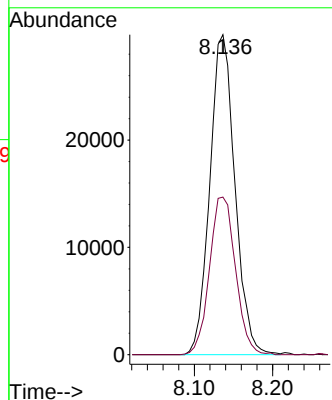
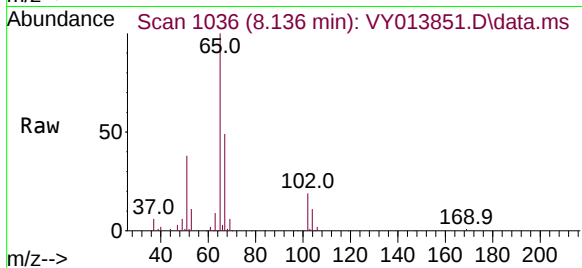
TP5

Tgt Ion: 65 Resp: 66433

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013851.D

Acq: 24 May 2023 17:09

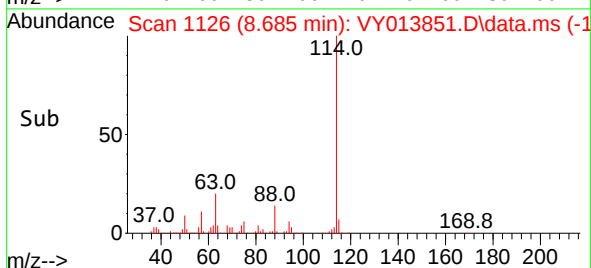
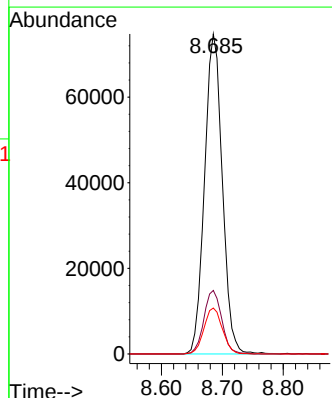
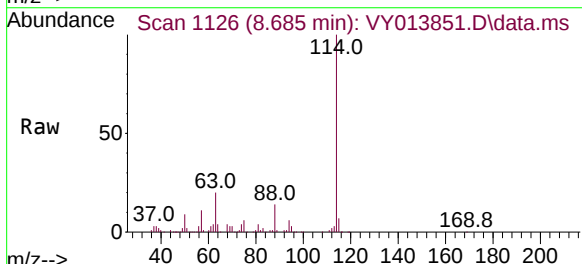
Tgt Ion: 114 Resp: 151620

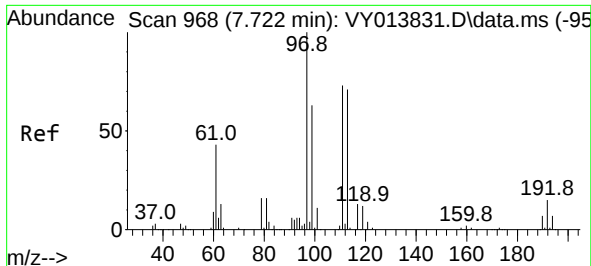
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 14.3 0.0 30.0

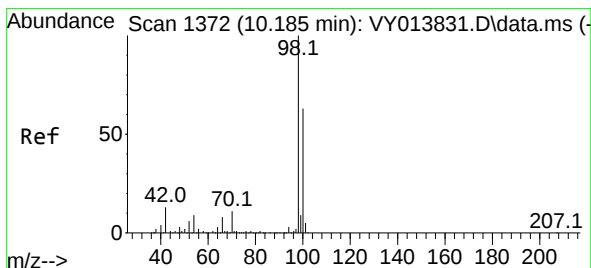
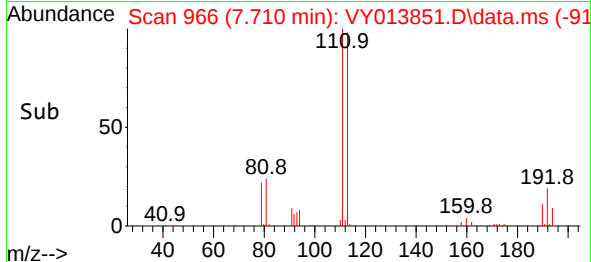
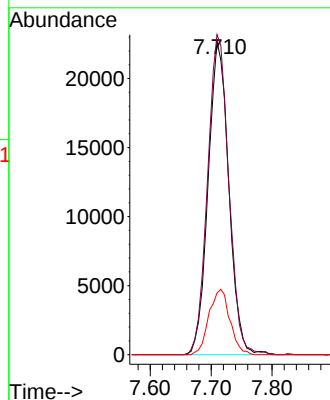
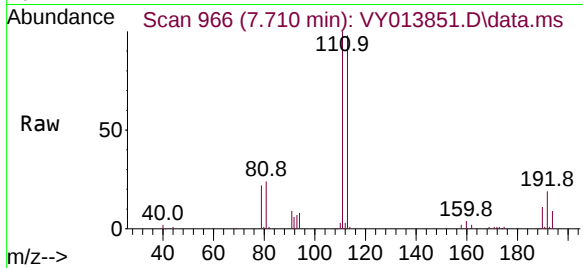




#35
Dibromofluoromethane
Concen: 54.606 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

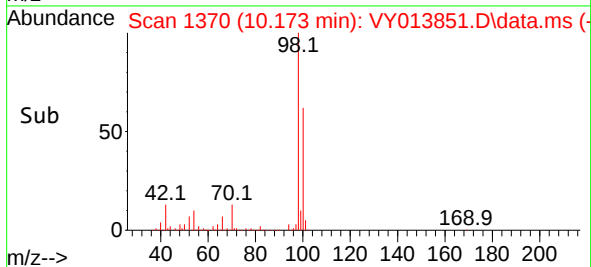
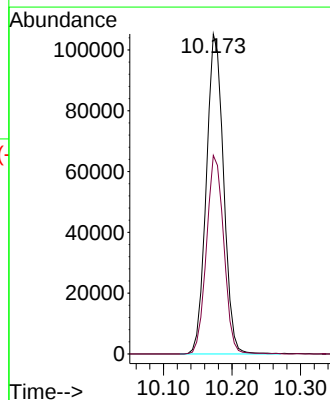
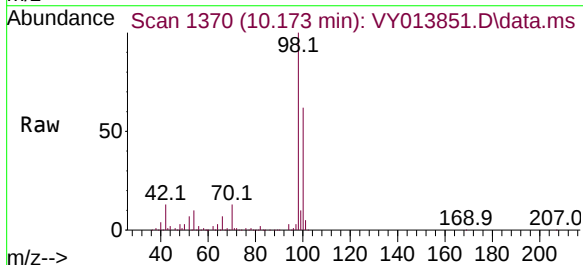
Instrument :
MSVOA_Y
ClientSampleId :
TP5

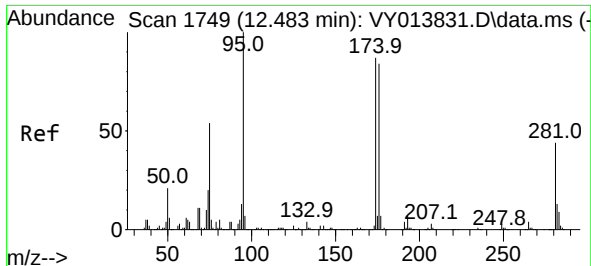
Tgt Ion:113 Resp: 53469
Ion Ratio Lower Upper
113 100
111 104.5 80.4 120.6
192 21.1 16.6 25.0



#50
Toluene-d8
Concen: 49.535 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.012 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

Tgt Ion: 98 Resp: 184344
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2

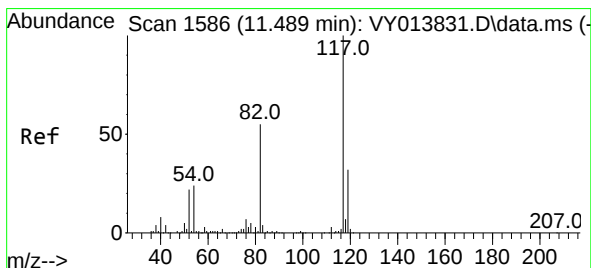
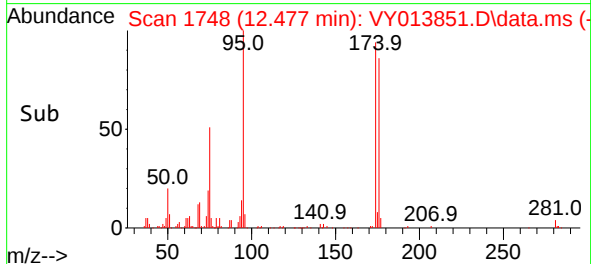
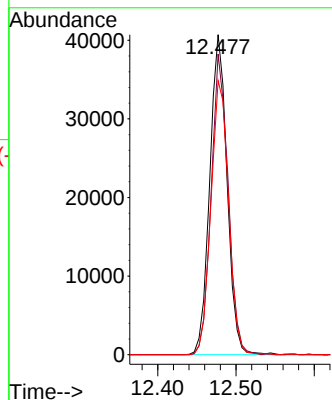
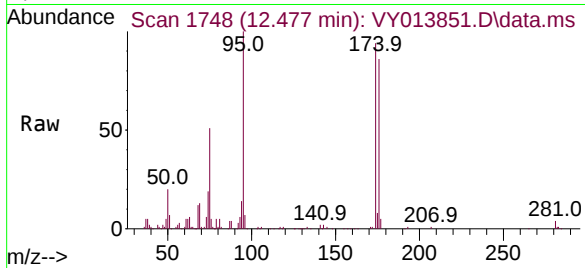




#62
4-Bromofluorobenzene
Concen: 50.458 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

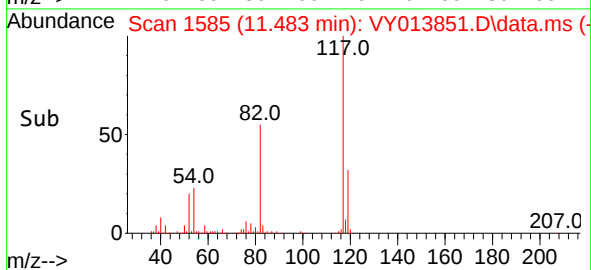
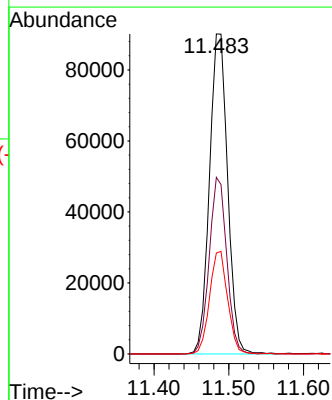
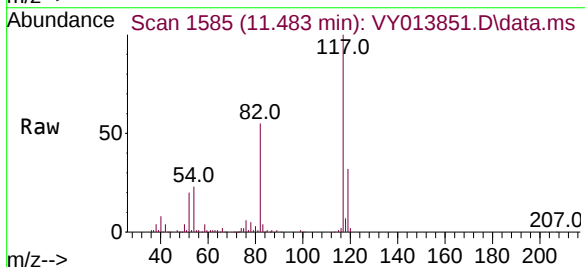
Instrument :
MSVOA_Y
ClientSampleId :
TP5

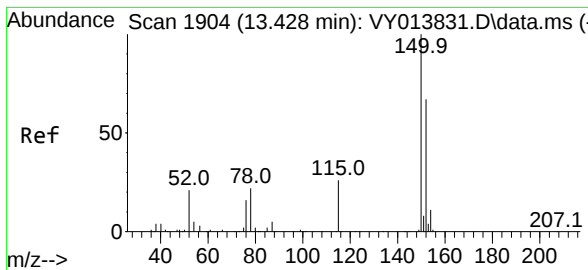
Tgt Ion: 95 Resp: 62418
Ion Ratio Lower Upper
95 100
174 91.8 0.0 176.0
176 87.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

Tgt Ion: 117 Resp: 152332
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.4
119 31.6 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013851.D
 Acq: 24 May 2023 17:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP5

Tgt Ion:152 Resp: 69518
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.8 86.5
 150 156.8 0.0 353.4

