

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013989.D
 Acq On : 02 Jun 2023 14:57
 Operator : KP/MD
 Sample : 02998-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-2-053123

Quant Time: Jun 05 09:42:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

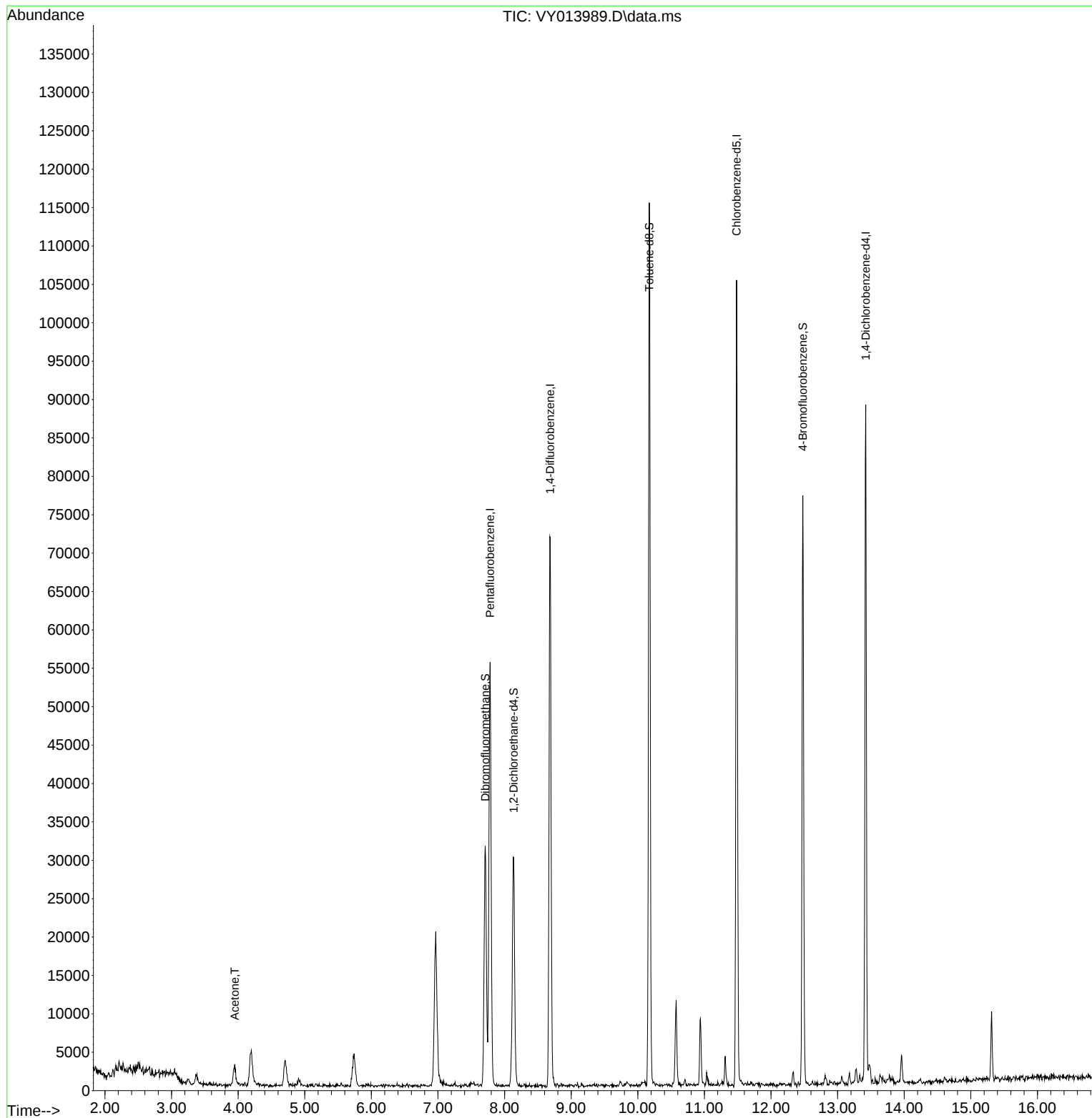
Internal Standards						
1) Pentafluorobenzene	7.783	168	42401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	61861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	56201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	23114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	24206	43.126	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.260%		
35) Dibromofluoromethane	7.710	113	21035	53.506	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.020%		
50) Toluene-d8	10.173	98	76184	50.804	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.600%		
62) 4-Bromofluorobenzene	12.477	95	19702	38.538	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	77.080%		
Target Compounds					Qvalue	
16) Acetone	3.948	43	4309	22.439	ug/l #	66

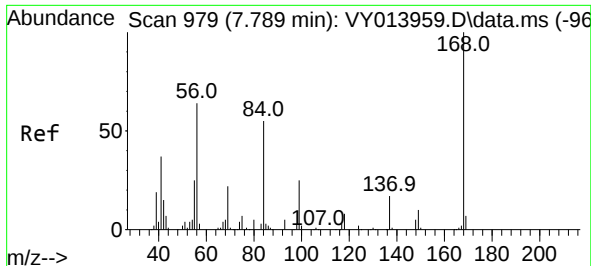
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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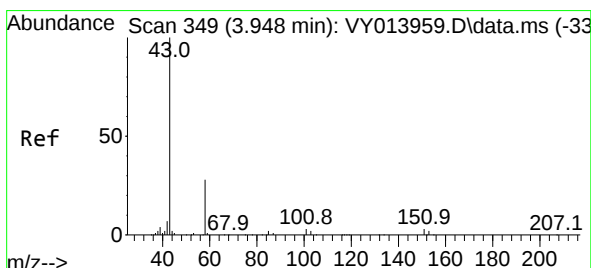
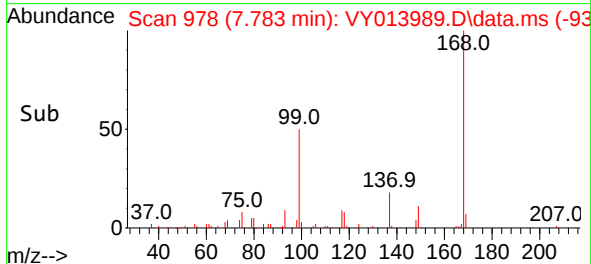
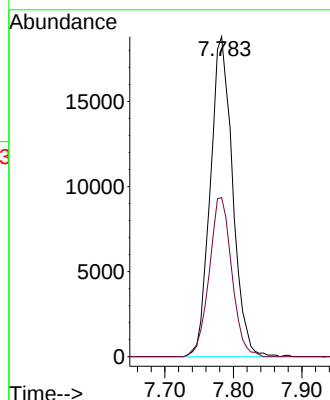
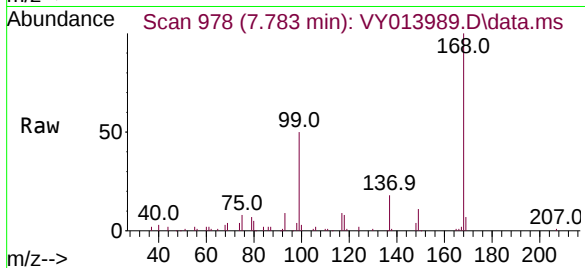




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013989.D
Acq: 02 Jun 2023 14:57

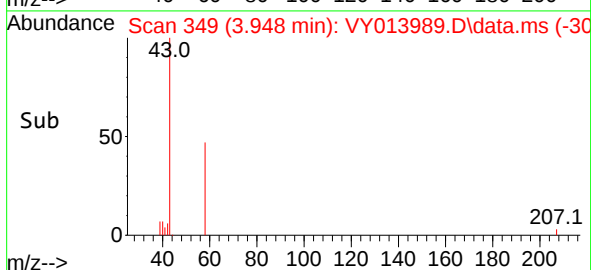
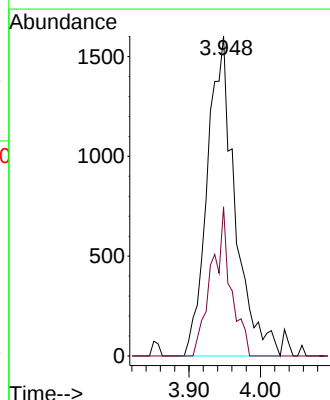
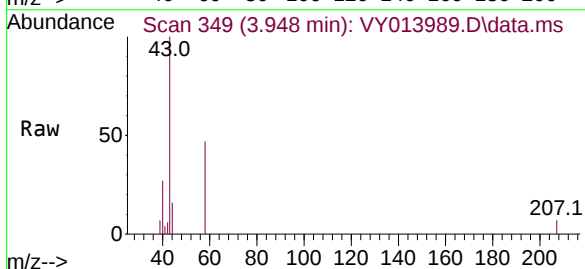
Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-053123

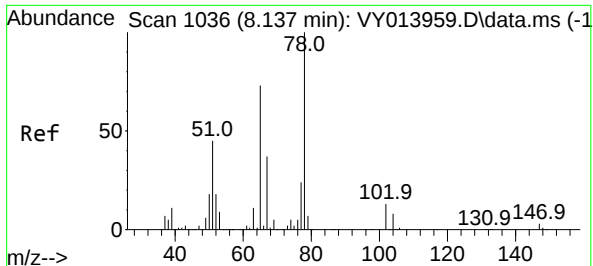
Tgt Ion:168 Resp: 42401
Ion Ratio Lower Upper
168 100
99 49.7 43.4 65.0



#16
Acetone
Concen: 22.439 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013989.D
Acq: 02 Jun 2023 14:57

Tgt Ion: 43 Resp: 4309
Ion Ratio Lower Upper
43 100
58 46.6 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 43.126 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013989.D

Acq: 02 Jun 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

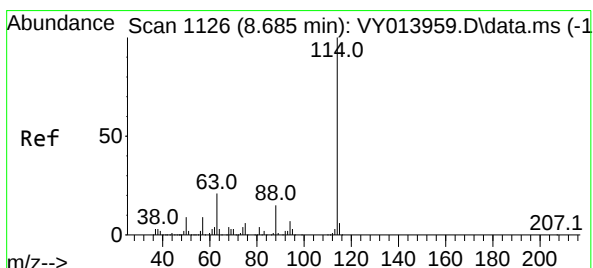
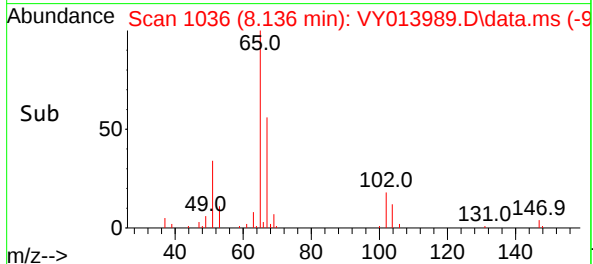
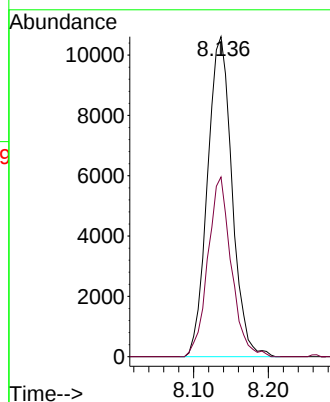
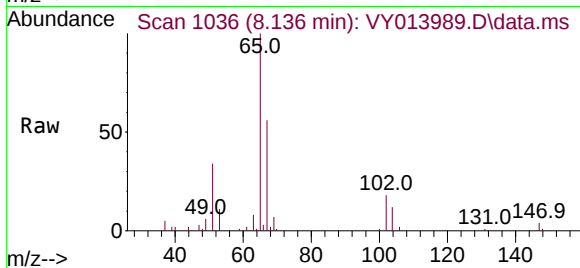
PAT-2-053123

Tgt Ion: 65 Resp: 24206

Ion Ratio Lower Upper

65 100

67 53.5 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: VY013989.D

Acq: 02 Jun 2023 14:57

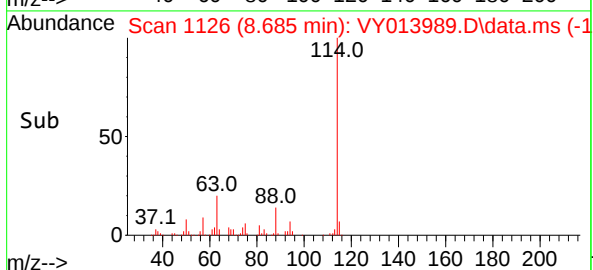
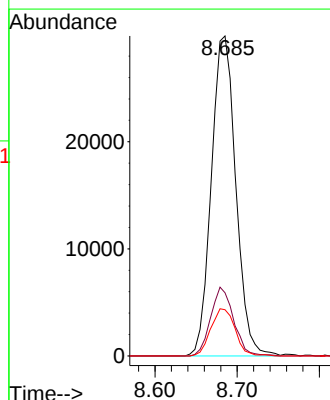
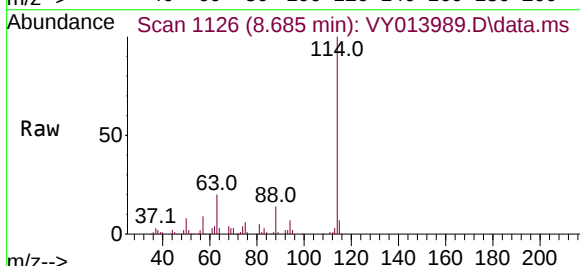
Tgt Ion: 114 Resp: 61861

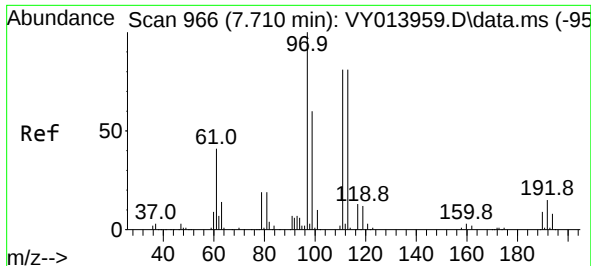
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 14.4 0.0 30.6

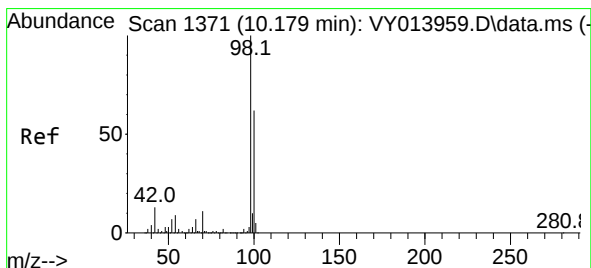
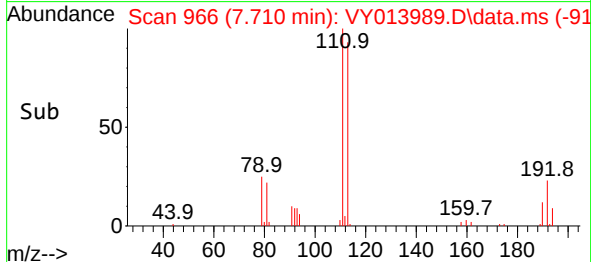
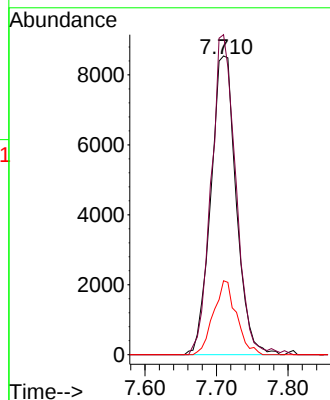
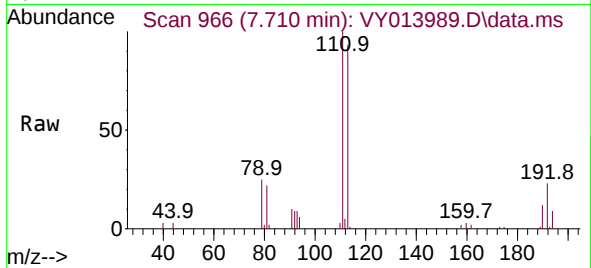




#35
Dibromofluoromethane
Concen: 53.506 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013989.D
Acq: 02 Jun 2023 14:57

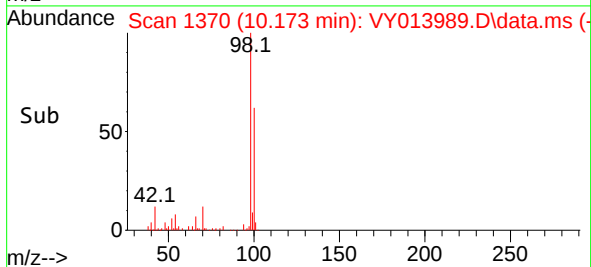
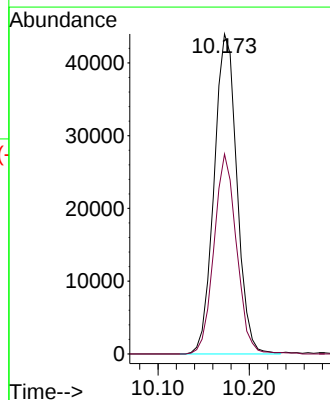
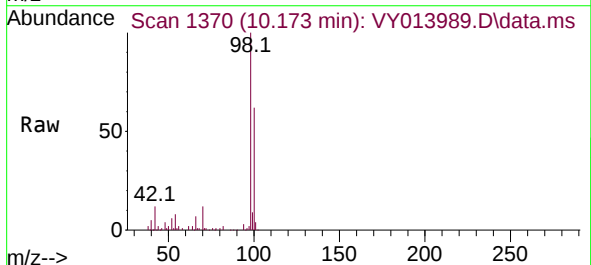
Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-053123

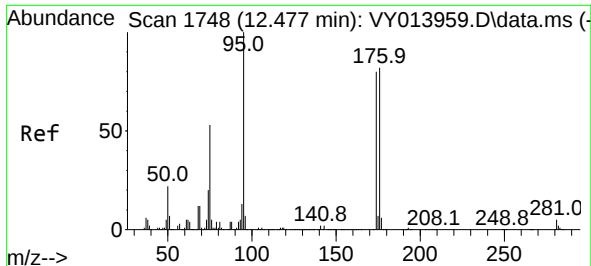
Tgt Ion:113 Resp: 21035
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 22.3 16.9 25.3



#50
Toluene-d8
Concen: 50.804 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013989.D
Acq: 02 Jun 2023 14:57

Tgt Ion: 98 Resp: 76184
Ion Ratio Lower Upper
98 100
100 61.8 50.1 75.1

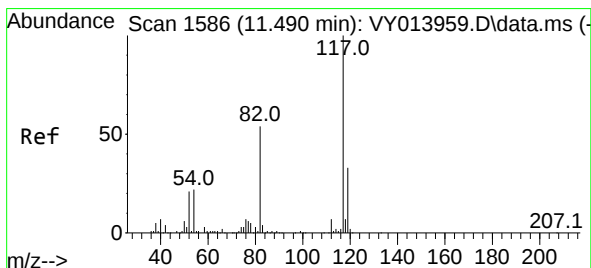
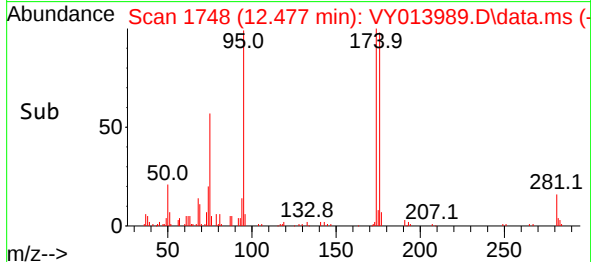
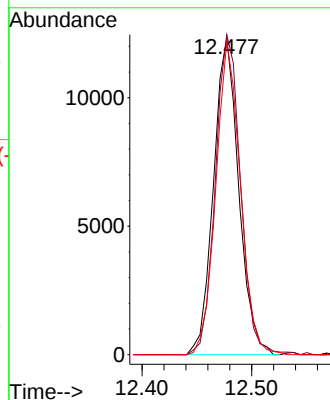
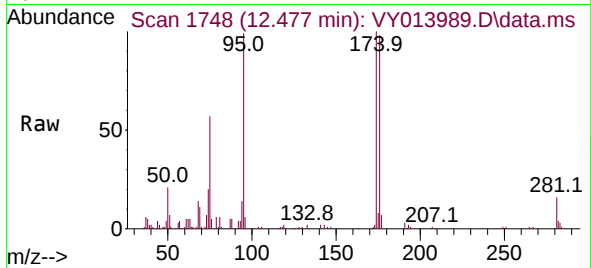




#62
4-Bromofluorobenzene
Concen: 38.538 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013989.D
Acq: 02 Jun 2023 14:57

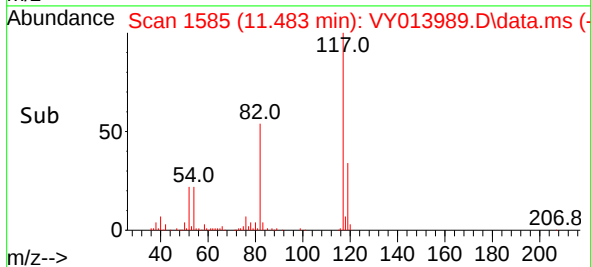
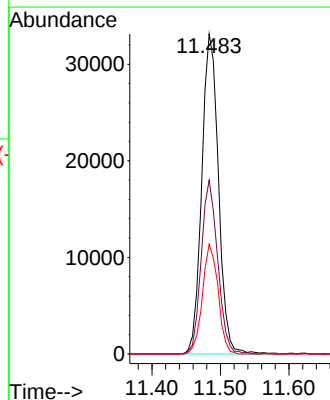
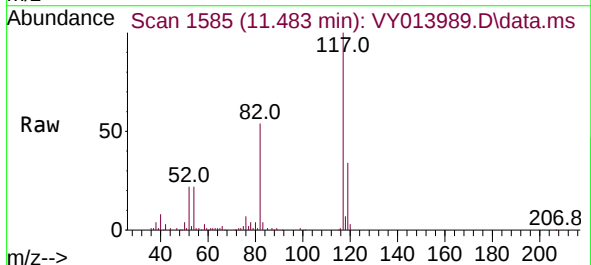
Instrument :
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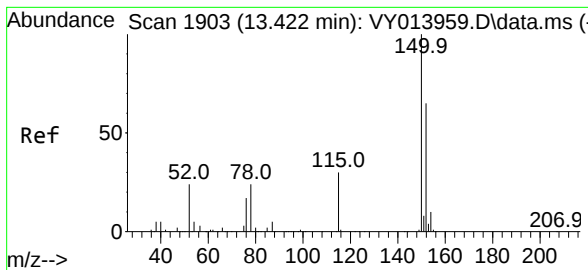
Tgt Ion: 95 Resp: 19702
Ion Ratio Lower Upper
95 100
174 101.0 0.0 178.2
176 96.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013989.D
Acq: 02 Jun 2023 14:57

Tgt Ion: 117 Resp: 56201
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 34.3 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: VY013989.D
 Acq: 02 Jun 2023 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-2-053123

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	28.8	86.5
150	156.6	0.0	348.8

