

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013893.D
 Acq On : 26 May 2023 15:13
 Operator : KP/MD
 Sample : 02869-01
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP18

Quant Time: May 26 16:45:15 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)

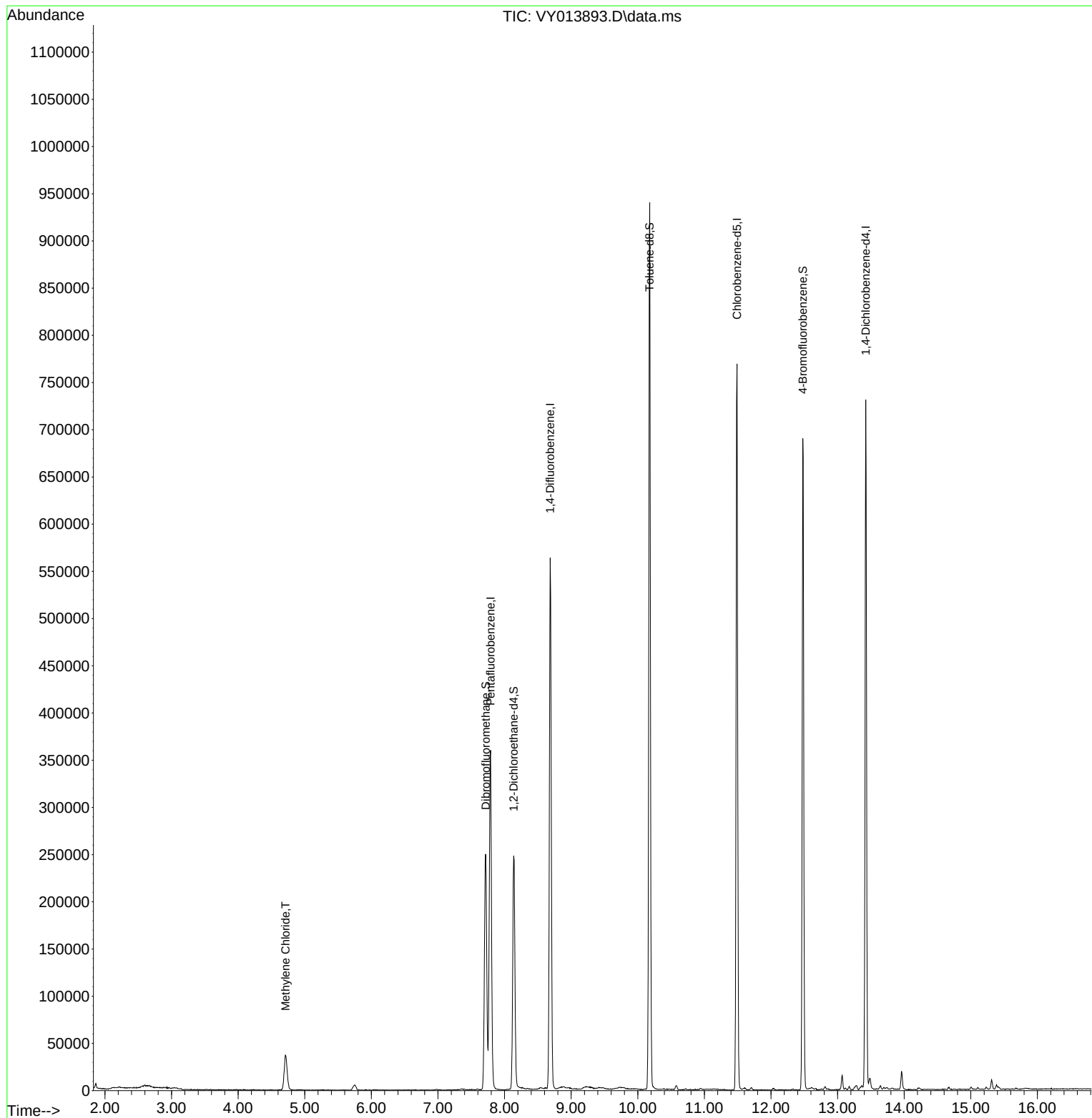
Internal Standards						
1) Pentafluorobenzene	7.789	168	279057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	465951	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	406553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	205680	63.709	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.420%	
35) Dibromofluoromethane	7.716	113	176114	58.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.060%	
50) Toluene-d8	10.179	98	594163	51.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.900%	
62) 4-Bromofluorobenzene	12.477	95	188370	49.550	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.100%	
Target Compounds						
20) Methylene Chloride	4.710	84	26579	5.566	ug/l	98

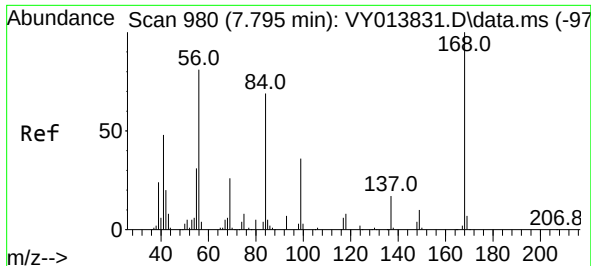
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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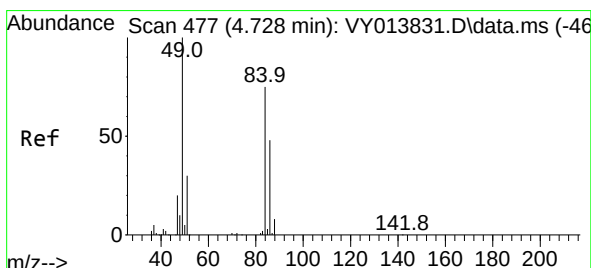
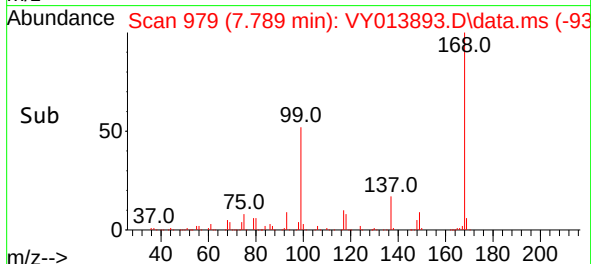
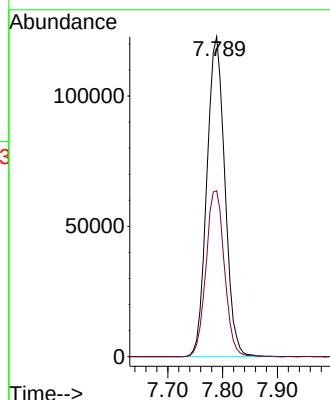
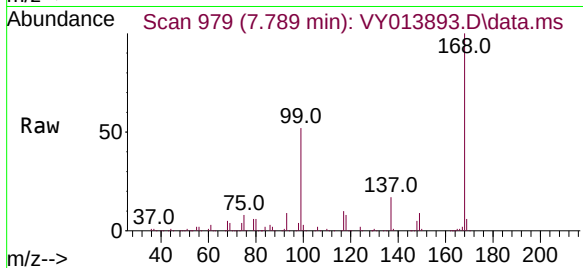




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

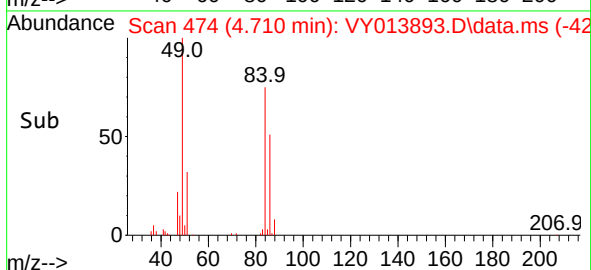
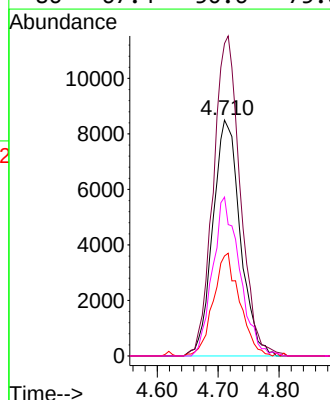
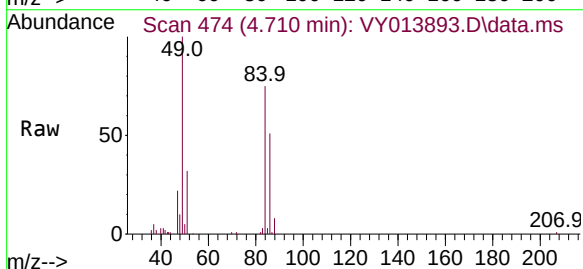
Instrument :
MSVOA_Y
ClientSampleId :
TP18

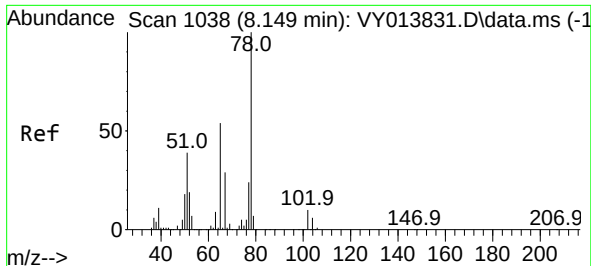
Tgt Ion:168 Resp: 279057
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.2



#20
Methylene Chloride
Concen: 5.566 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

Tgt Ion: 84 Resp: 26579
Ion Ratio Lower Upper
84 100
49 132.5 106.2 159.2
51 42.4 31.4 47.0
86 67.4 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 63.709 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY013893.D

Acq: 26 May 2023 15:13

Instrument :

MSVOA_Y

ClientSampleId :

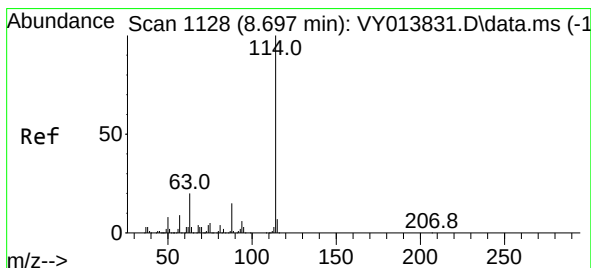
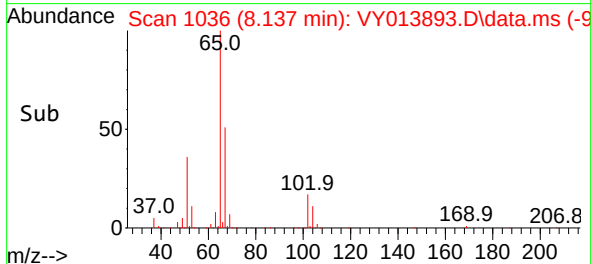
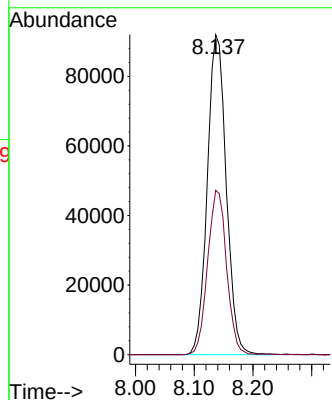
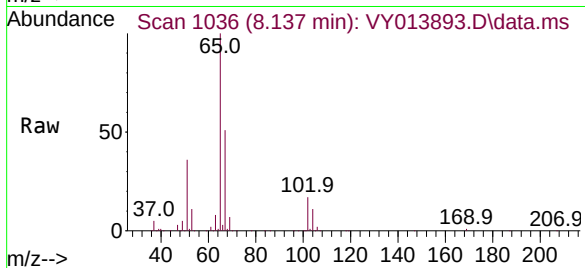
TP18

Tgt Ion: 65 Resp: 205680

Ion Ratio Lower Upper

65 100

67 51.4 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: VY013893.D

Acq: 26 May 2023 15:13

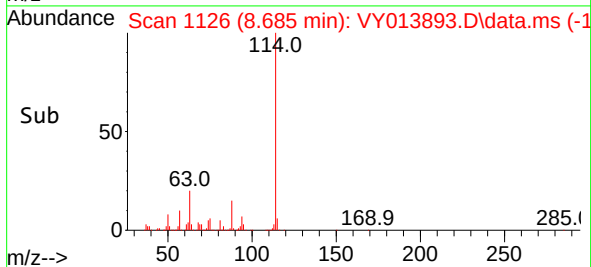
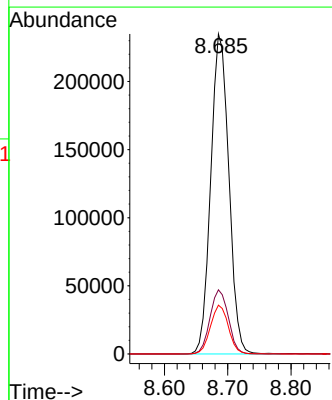
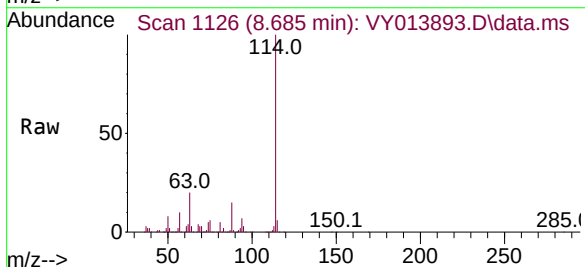
Tgt Ion:114 Resp: 465951

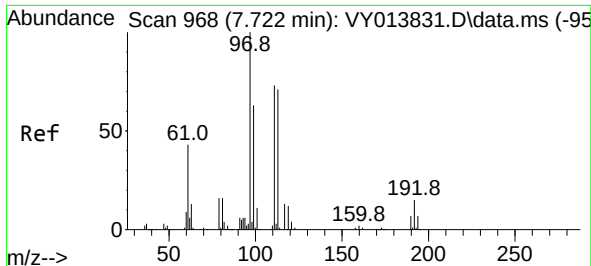
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.2 0.0 30.0

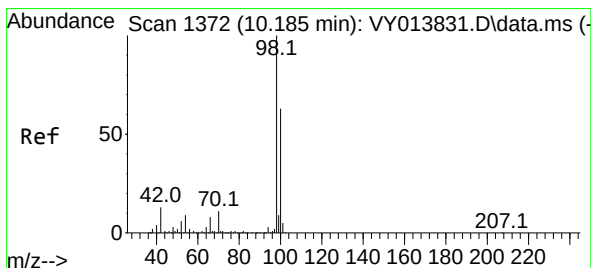
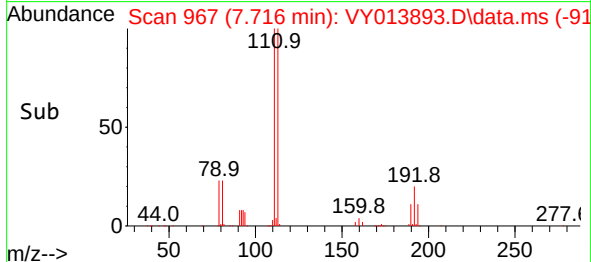
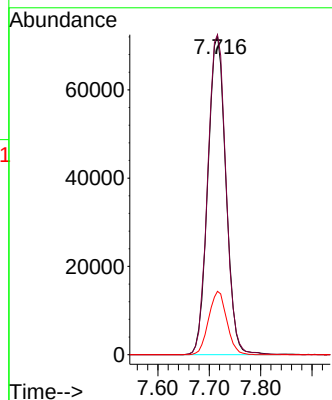
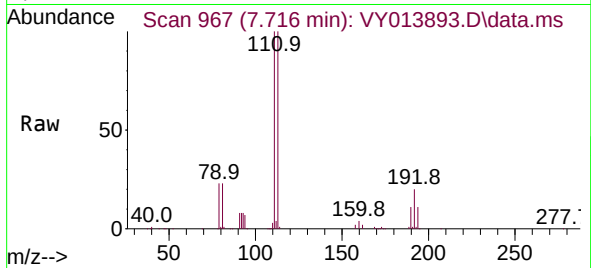




#35
Dibromofluoromethane
Concen: 58.526 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

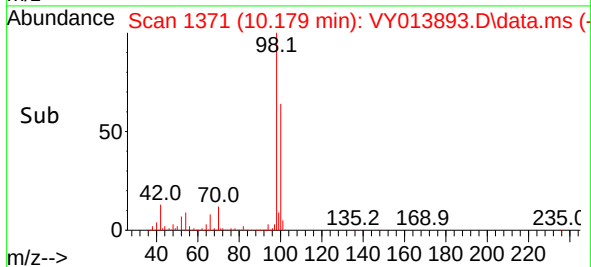
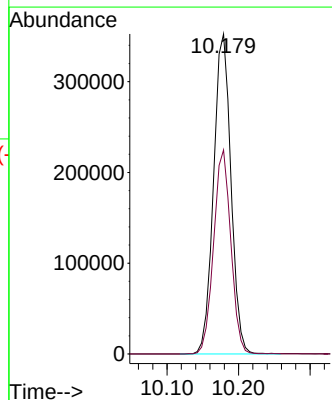
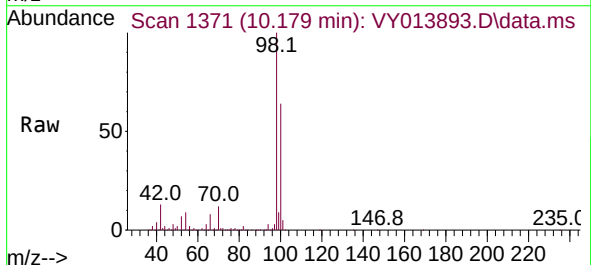
Instrument :
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TP18

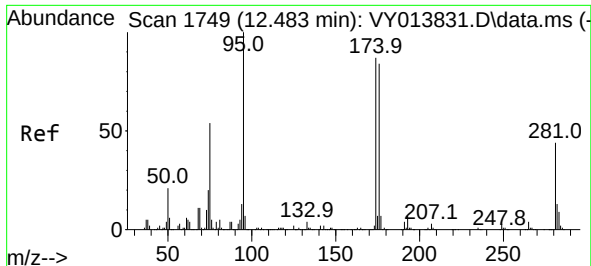
Tgt Ion:113 Resp: 176114
Ion Ratio Lower Upper
113 100
111 101.7 80.4 120.6
192 19.9 16.6 25.0



#50
Toluene-d8
Concen: 51.952 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

Tgt Ion: 98 Resp: 594163
Ion Ratio Lower Upper
98 100
100 63.2 50.8 76.2

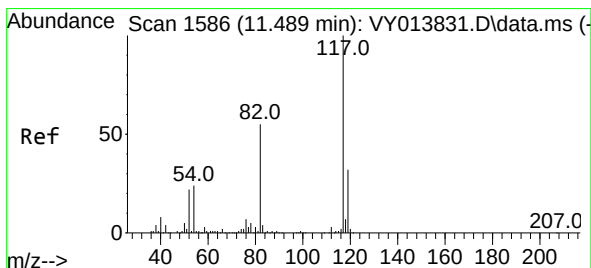
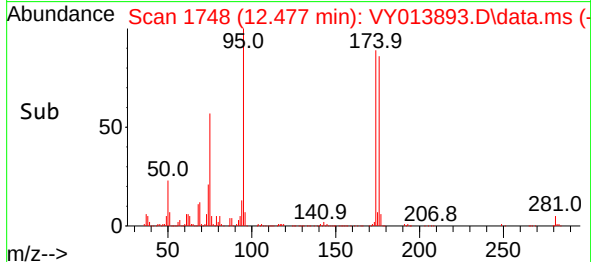
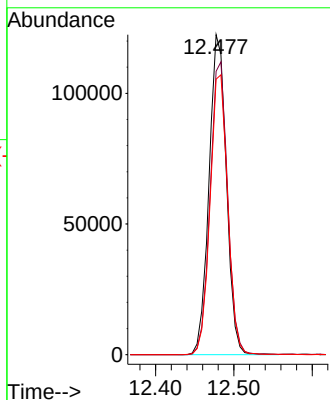
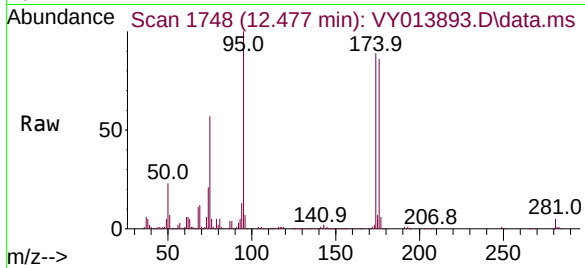




#62
4-Bromofluorobenzene
Concen: 49.550 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

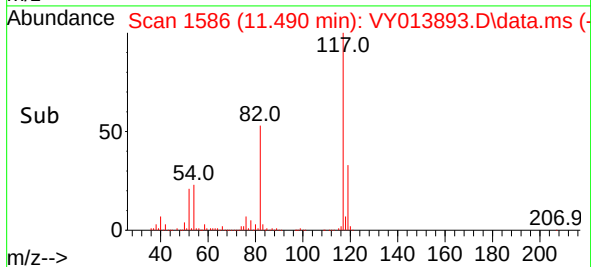
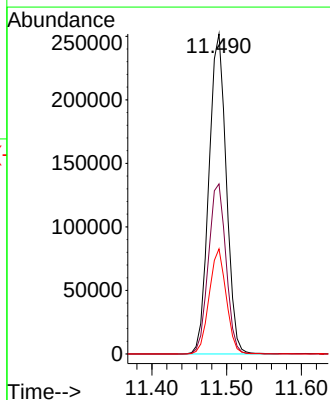
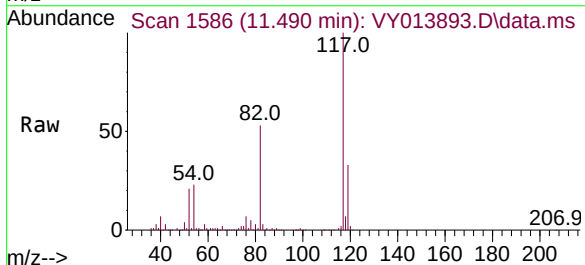
Instrument :
MSVOA_Y
ClientSampleId :
TP18

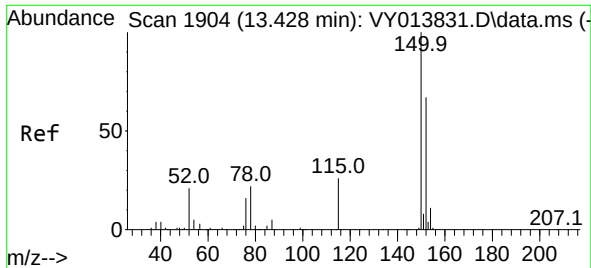
Tgt Ion: 95 Resp: 188370
Ion Ratio Lower Upper
95 100
174 92.6 0.0 176.0
176 89.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

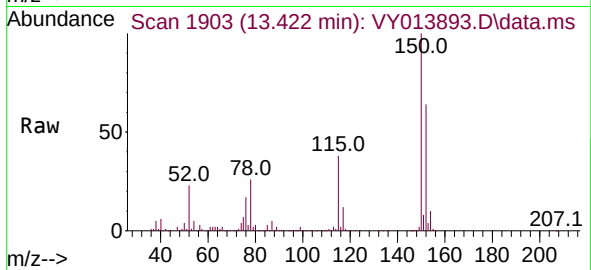
Tgt Ion: 117 Resp: 406553
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.4
119 32.9 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013893.D
 Acq: 26 May 2023 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP18



Tgt Ion:152 Resp: 184406
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.8 86.5
 150 156.1 0.0 353.4

