

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018294.D
 Acq On : 16 May 2024 18:46
 Operator : SY/MD
 Sample : P2513-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14

Quant Time: May 17 01:18:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

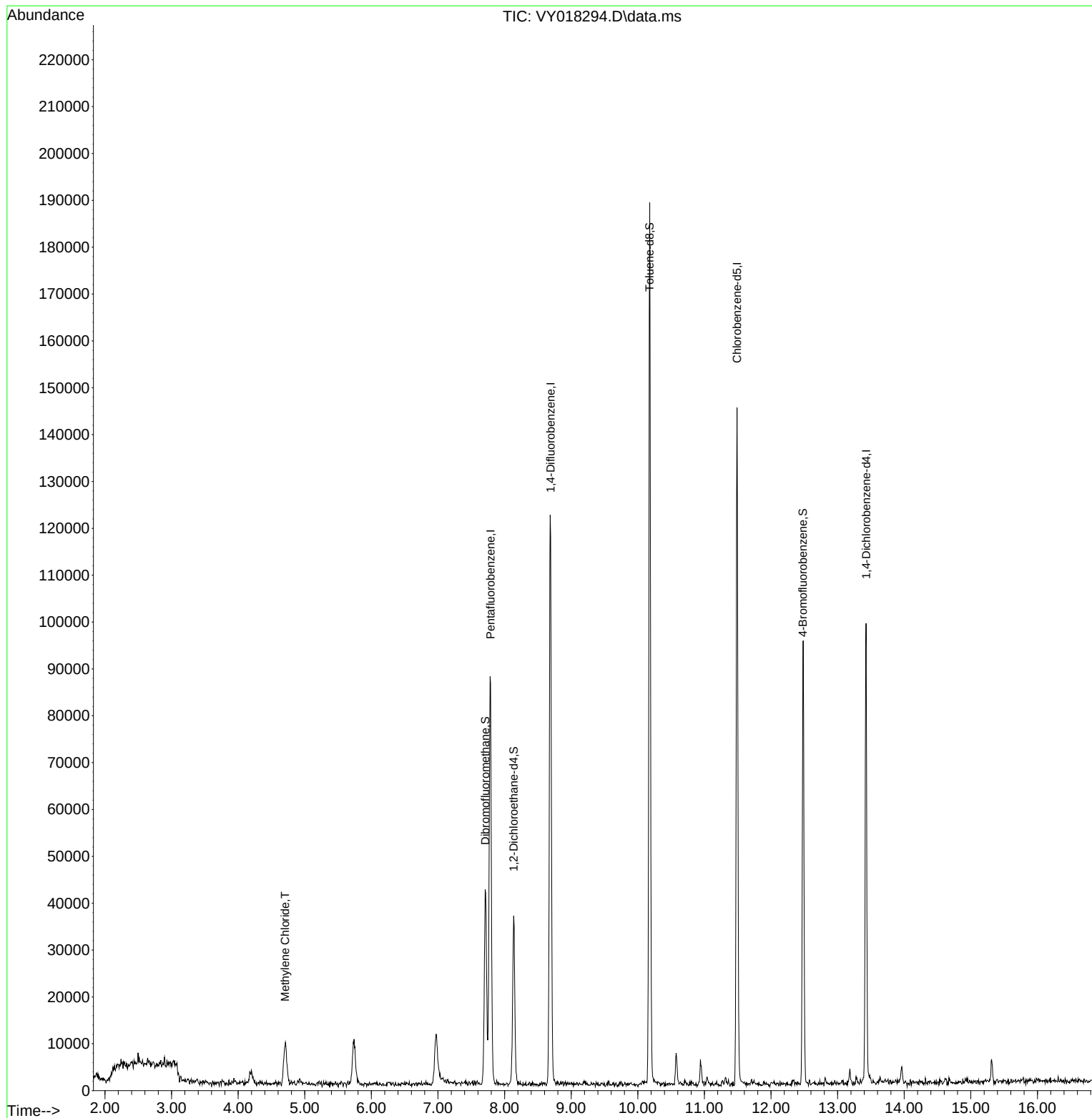
Internal Standards						
1) Pentafluorobenzene	7.789	168	65887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	111506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	81599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	23948	49.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.820%
35) Dibromofluoromethane	7.710	113	29738	50.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.500%
50) Toluene-d8	10.179	98	122307	52.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.920%
62) 4-Bromofluorobenzene	12.477	95	28814	38.637	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.280%
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	6710	9.814	ug/l	90

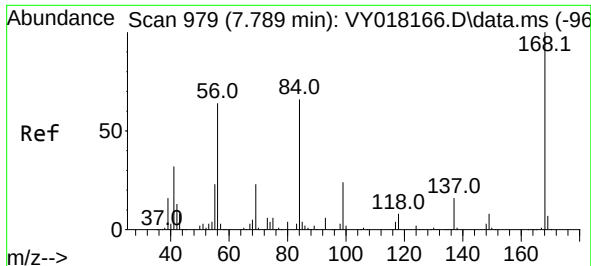
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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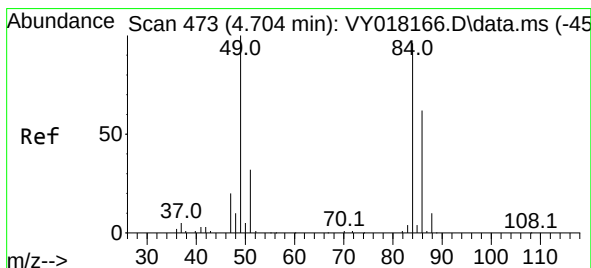
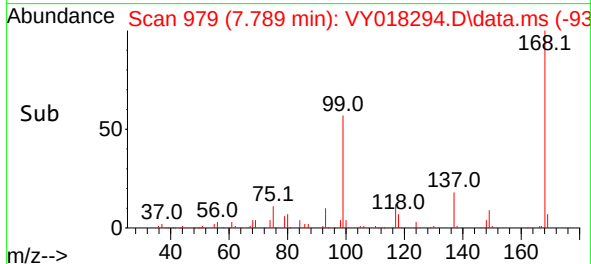
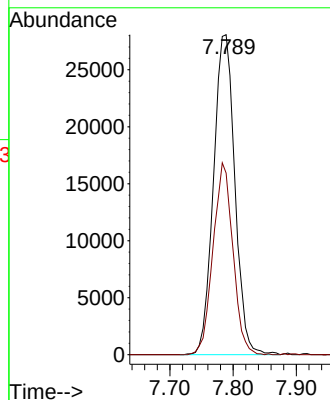
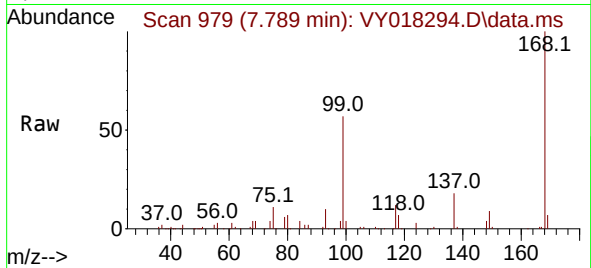




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

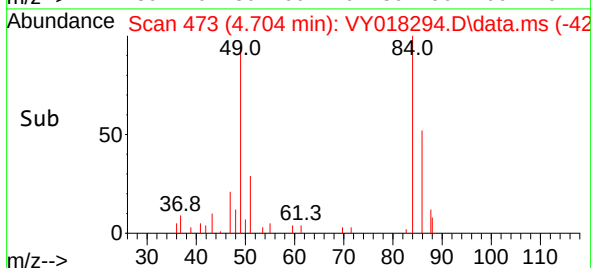
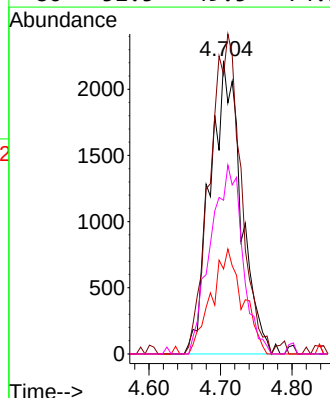
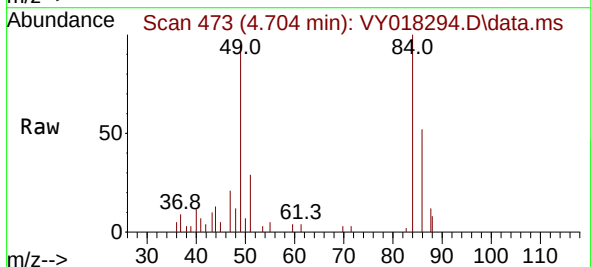
Instrument :
MSVOA_Y
ClientSampleId :
TP-14

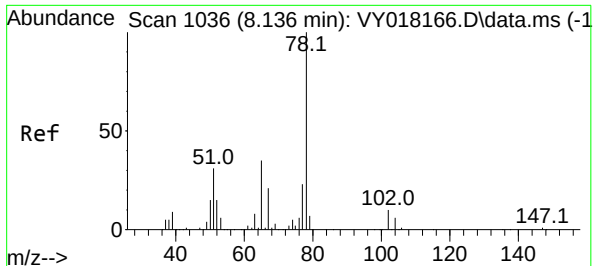
Tgt Ion:168 Resp: 65887
Ion Ratio Lower Upper
168 100
99 56.8 39.1 58.7



#20
Methylene Chloride
Concen: 9.814 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

Tgt Ion: 84 Resp: 6710
Ion Ratio Lower Upper
84 100
49 95.3 84.4 126.6
51 29.0 26.0 39.0
86 52.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 49.407 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY018294.D

Acq: 16 May 2024 18:46

Instrument :

MSVOA_Y

ClientSampleId :

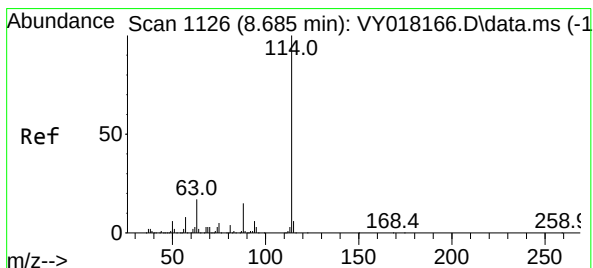
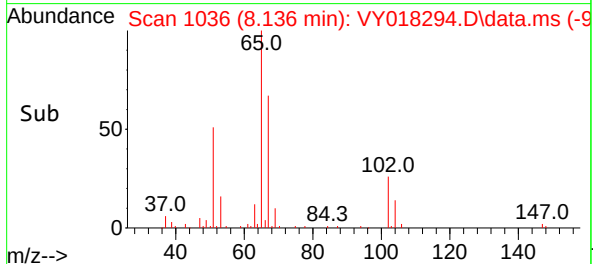
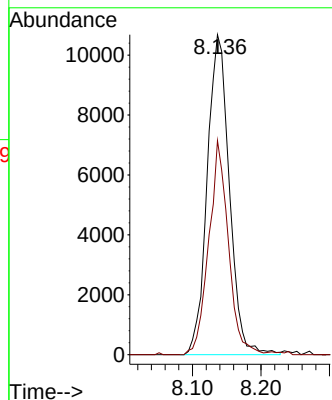
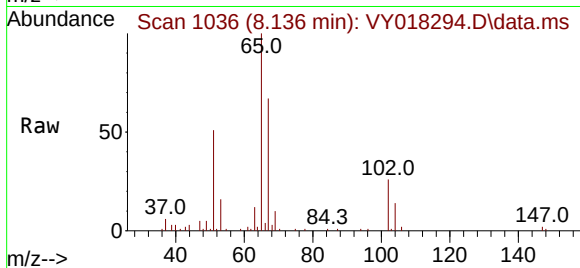
TP-14

Tgt Ion: 65 Resp: 23948

Ion Ratio Lower Upper

65 100

67 59.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY018294.D

Acq: 16 May 2024 18:46

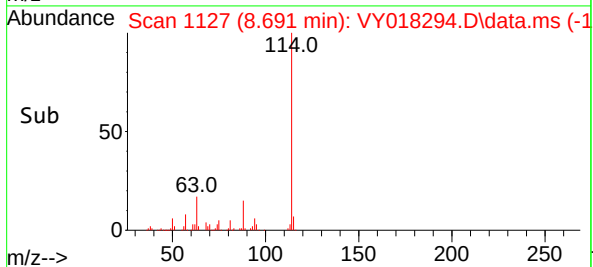
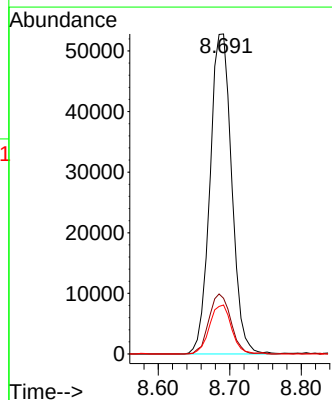
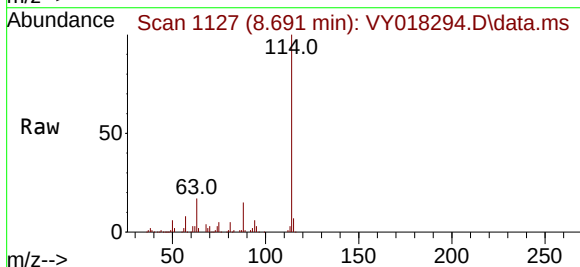
Tgt Ion: 114 Resp: 111506

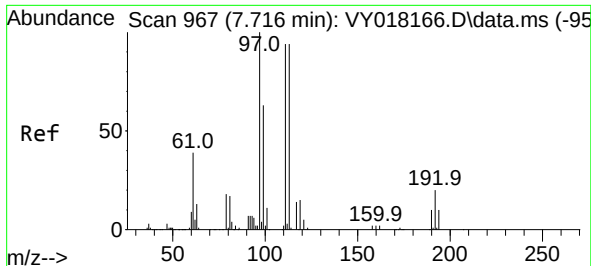
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 15.3 0.0 27.2

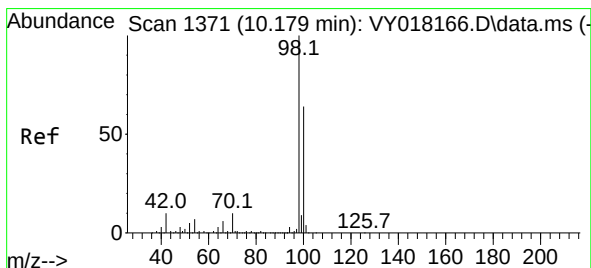
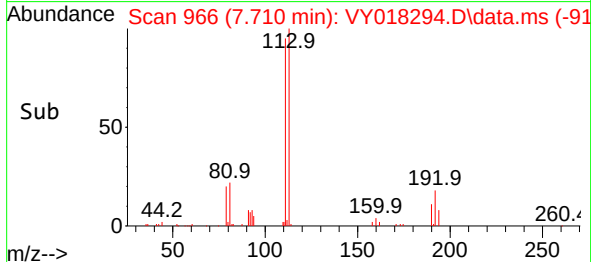
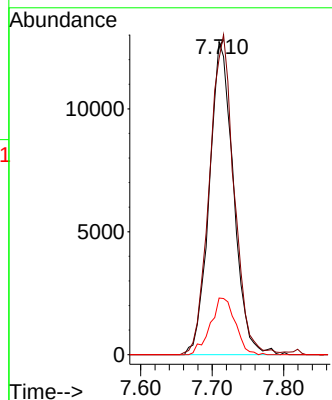
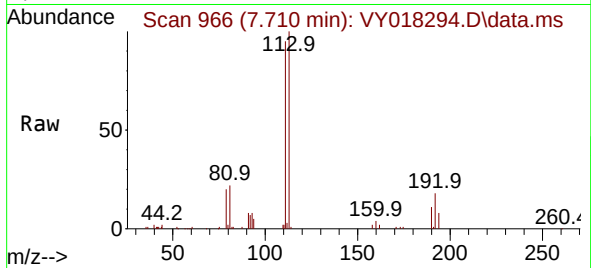




#35
Dibromofluoromethane
Concen: 50.746 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

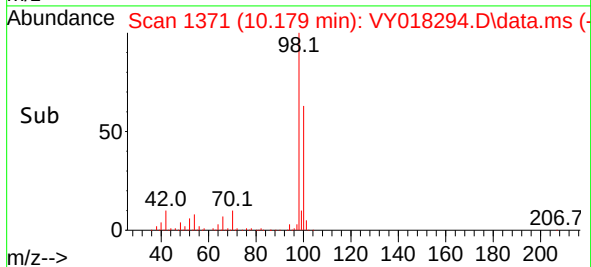
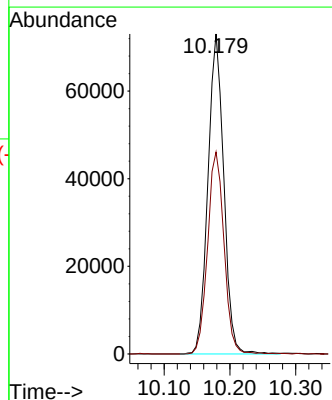
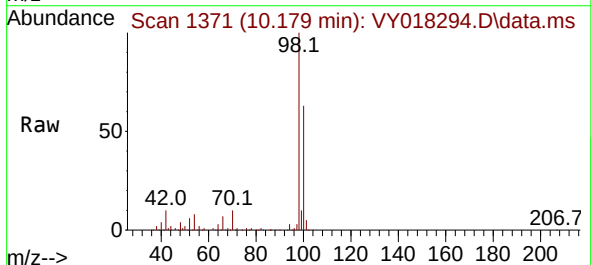
Instrument :
MSVOA_Y
ClientSampleId :
TP-14

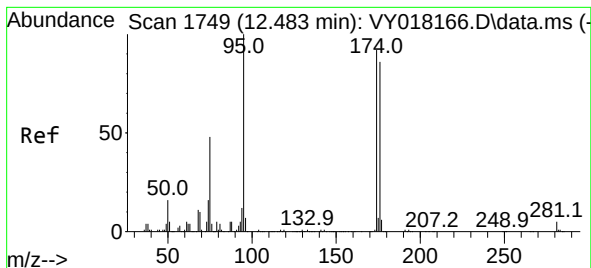
Tgt Ion:113 Resp: 29738
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 18.7 15.9 23.9



#50
Toluene-d8
Concen: 52.963 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

Tgt Ion: 98 Resp: 122307
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

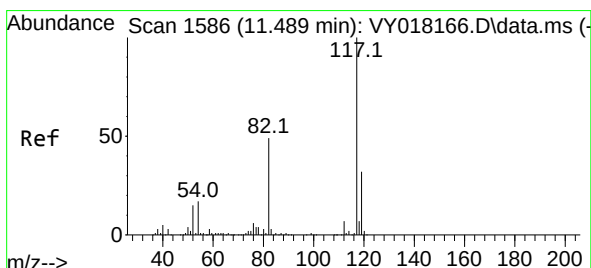
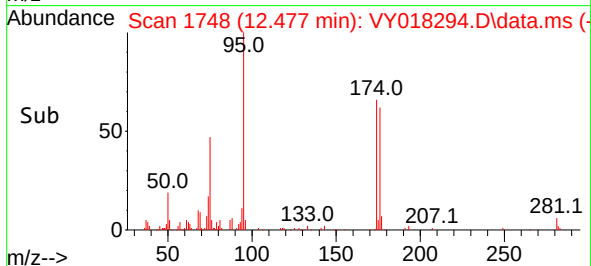
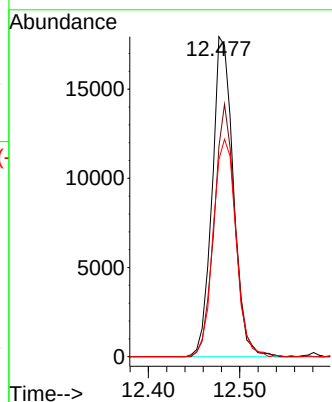
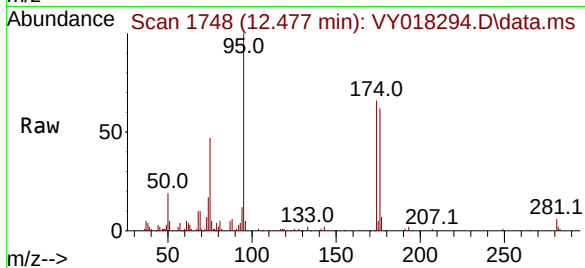




#62
4-Bromofluorobenzene
Concen: 38.637 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

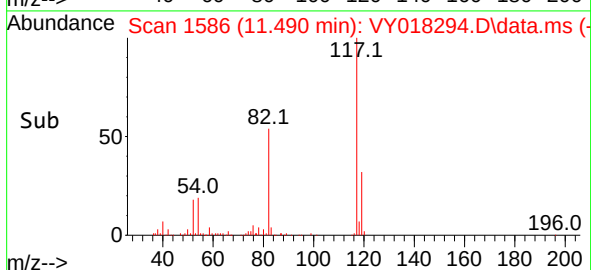
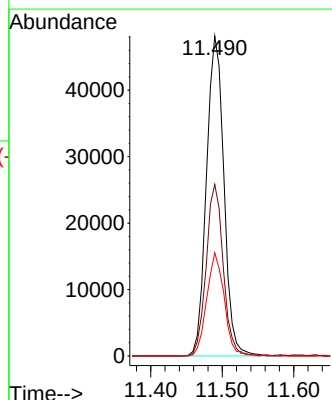
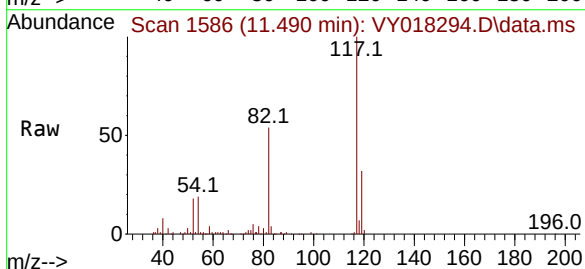
Instrument :
MSVOA_Y
ClientSampleId :
TP-14

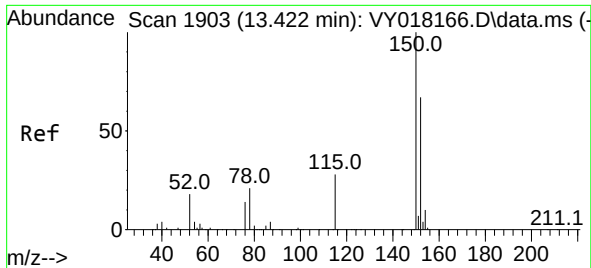
Tgt Ion: 95 Resp: 28814
Ion Ratio Lower Upper
95 100
174 78.7 0.0 175.6
176 73.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

Tgt Ion: 117 Resp: 81599
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 32.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY018294.D
 Acq: 16 May 2024 18:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14

Tgt Ion:152 Resp: 25690
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 152.9 0.0 345.6

