

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY018004.D
 Acq On : 19 Apr 2024 17:22
 Operator : SY/MD
 Sample : P2199-02
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE

Quant Time: Apr 19 23:27:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

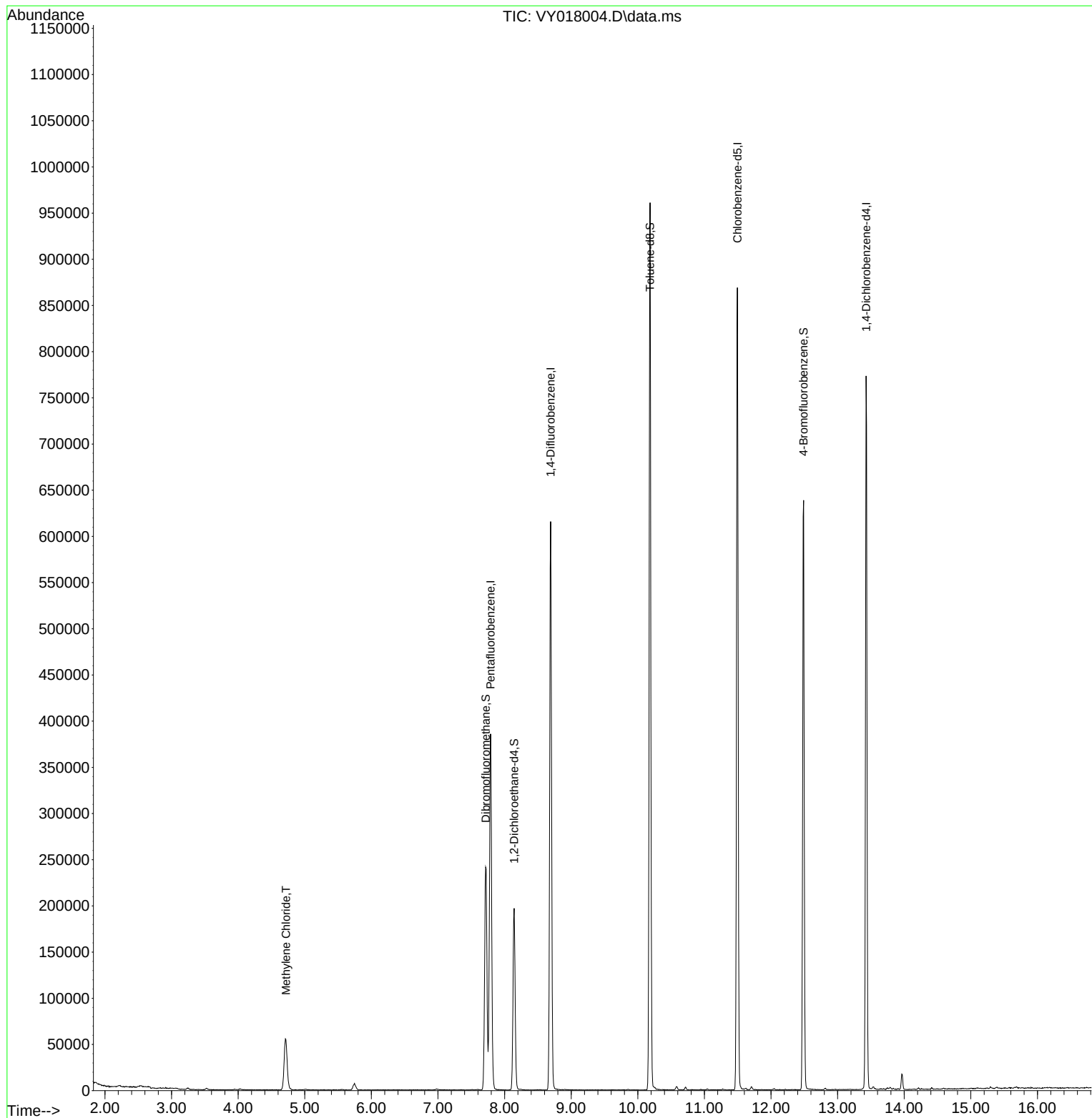
Internal Standards						
1) Pentafluorobenzene	7.789	168	333089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	569288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	531886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	223016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	149746	51.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.900%
35) Dibromofluoromethane	7.716	113	180387	51.361	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.720%
50) Toluene-d8	10.185	98	656991	49.298	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.489	95	191850	46.482	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.960%
Target Compounds						
20) Methylene Chloride	4.716	84	48297	12.517	ug/l	Qvalue 93

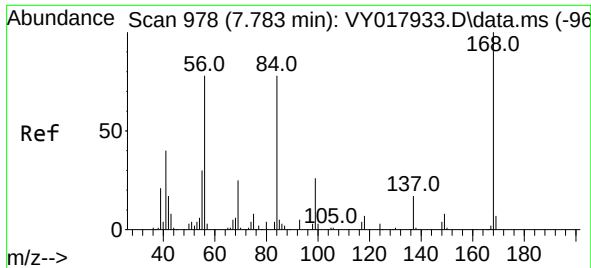
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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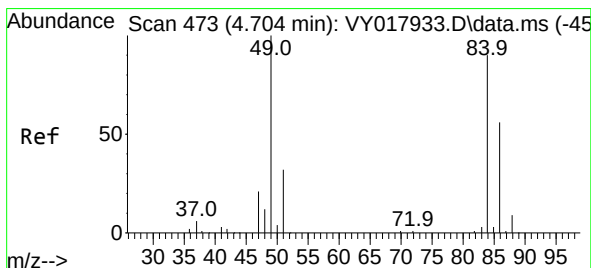
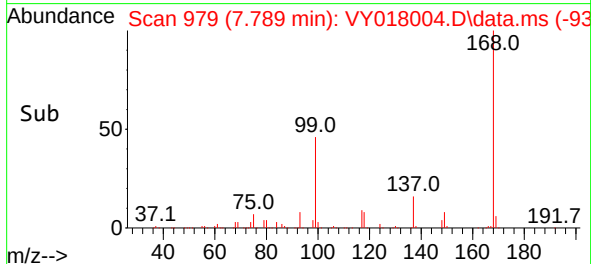
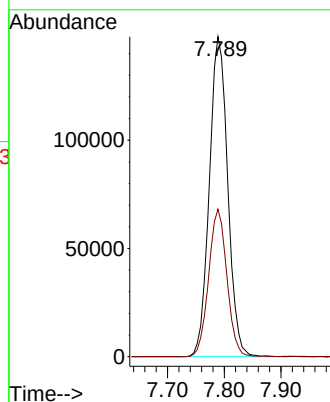
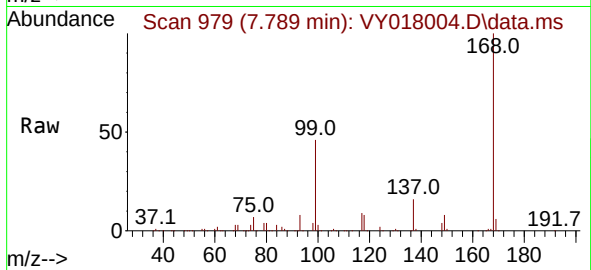




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018004.D
Acq: 19 Apr 2024 17:22

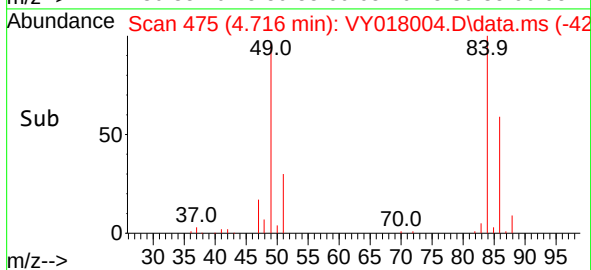
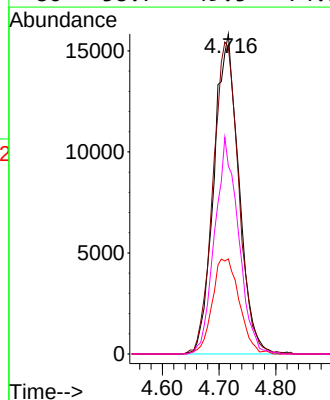
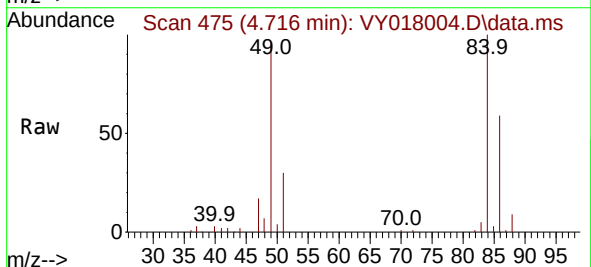
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

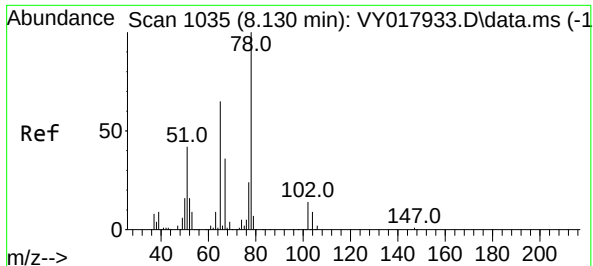
Tgt Ion:168 Resp: 333089
Ion Ratio Lower Upper
168 100
99 46.1 39.1 58.7



#20
Methylene Chloride
Concen: 12.517 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY018004.D
Acq: 19 Apr 2024 17:22

Tgt Ion: 84 Resp: 48297
Ion Ratio Lower Upper
84 100
49 95.9 84.4 126.6
51 29.7 26.0 39.0
86 58.7 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 51.951 ug/l

RT: 8.142 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018004.D

Acq: 19 Apr 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

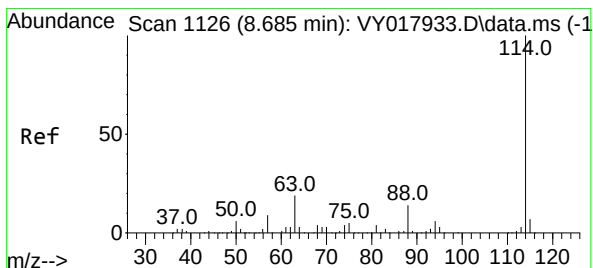
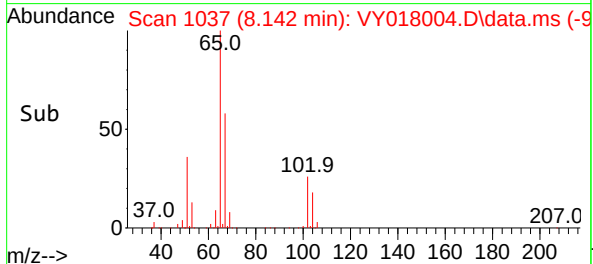
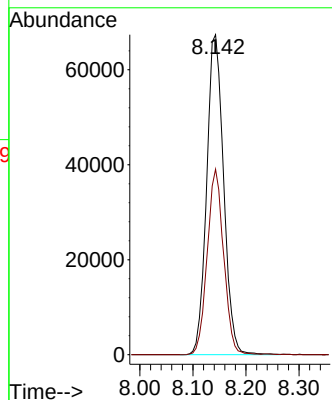
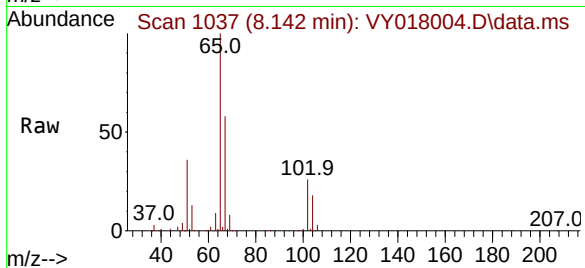
STOCK-PILE

Tgt Ion: 65 Resp: 149746

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018004.D

Acq: 19 Apr 2024 17:22

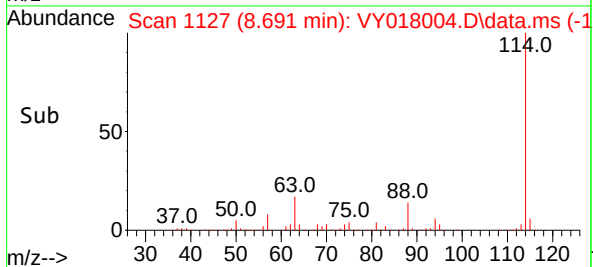
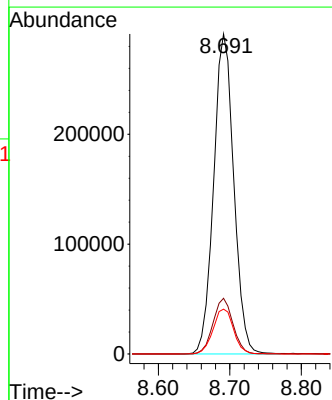
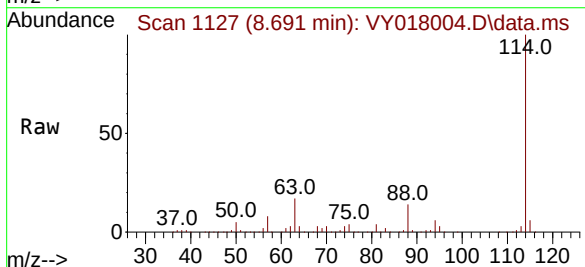
Tgt Ion:114 Resp: 569288

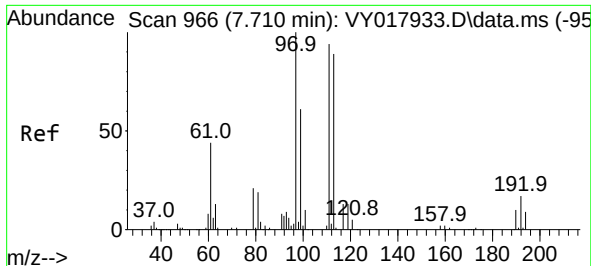
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 14.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.361 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY018004.D

Acq: 19 Apr 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE

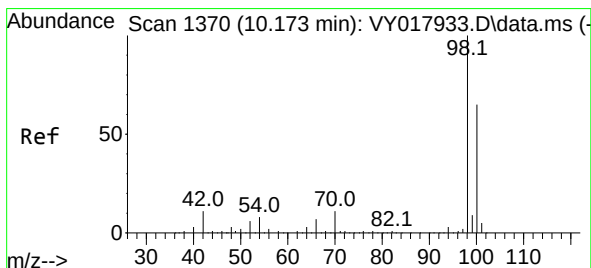
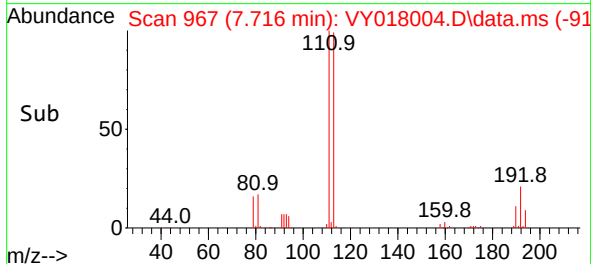
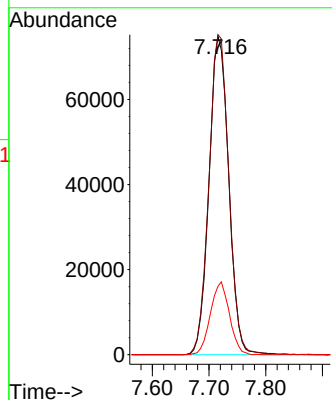
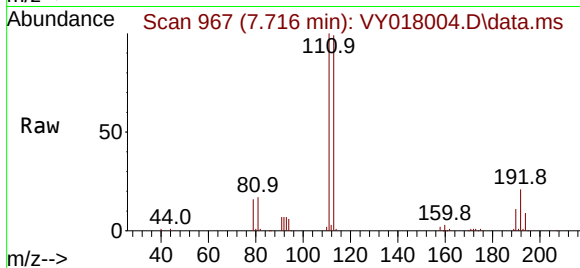
Tgt Ion:113 Resp: 180387

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 22.1 15.9 23.9



#50

Toluene-d8

Concen: 49.298 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY018004.D

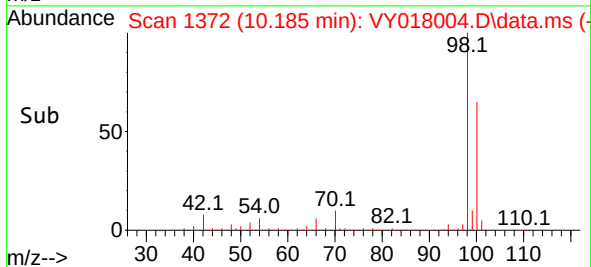
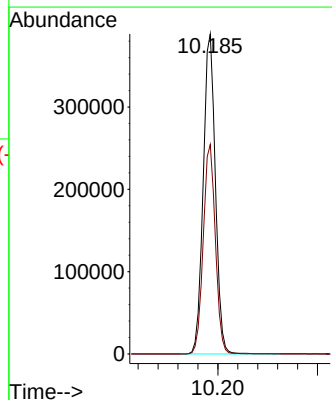
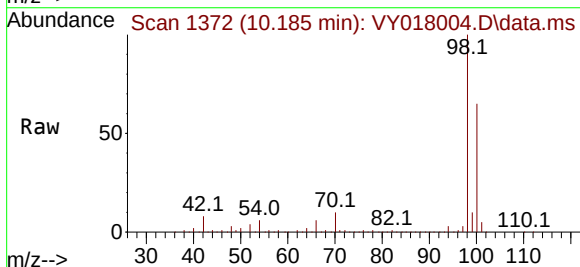
Acq: 19 Apr 2024 17:22

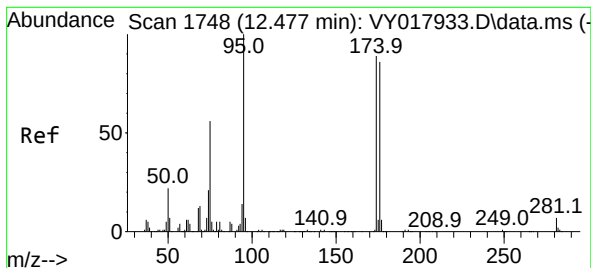
Tgt Ion: 98 Resp: 656991

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

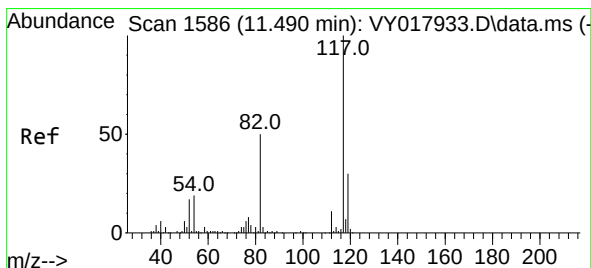
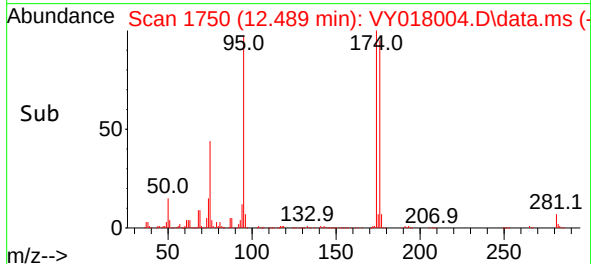
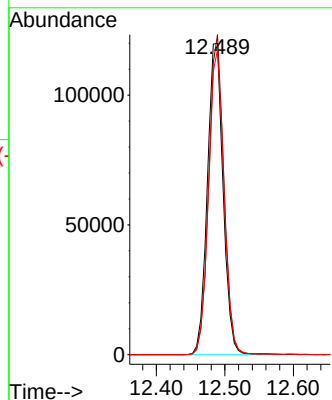
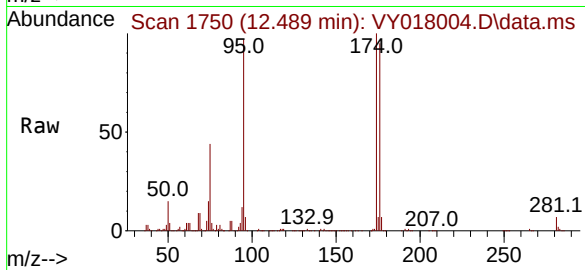




#62
4-Bromofluorobenzene
Concen: 46.482 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018004.D
Acq: 19 Apr 2024 17:22

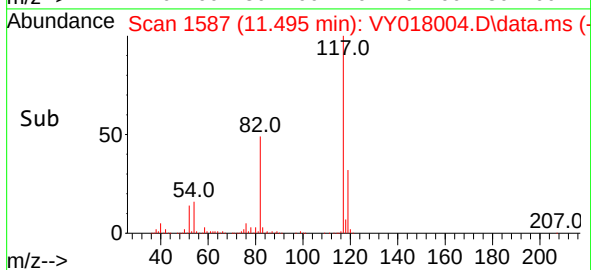
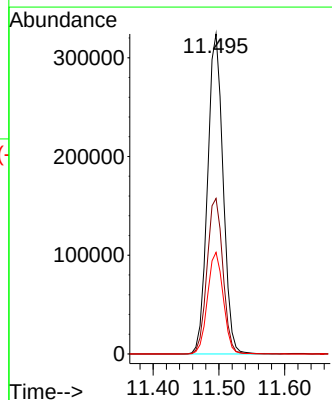
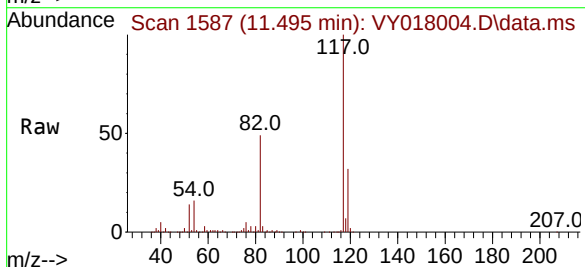
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

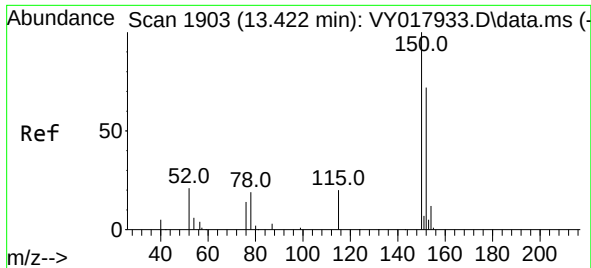
Tgt Ion: 95 Resp: 191850
Ion Ratio Lower Upper
95 100
174 99.0 0.0 175.6
176 95.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018004.D
Acq: 19 Apr 2024 17:22

Tgt Ion: 117 Resp: 531886
Ion Ratio Lower Upper
117 100
82 48.6 42.4 63.6
119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018004.D

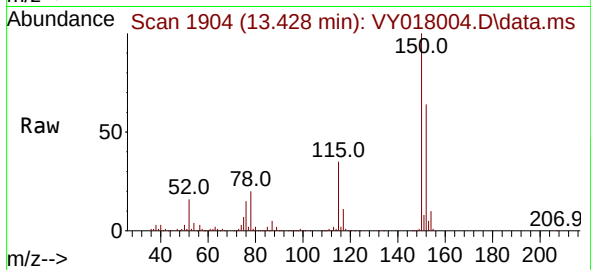
Acq: 19 Apr 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE



Tgt Ion:152 Resp: 223016

Ion Ratio Lower Upper

152 100

115 53.0 28.2 84.7

150 157.2 0.0 345.6

