

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
 Data File : VY017951.D
 Acq On : 17 Apr 2024 09:45
 Operator : SY/MD
 Sample : VY0417SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBL01

Quant Time: Apr 18 02:48:11 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)

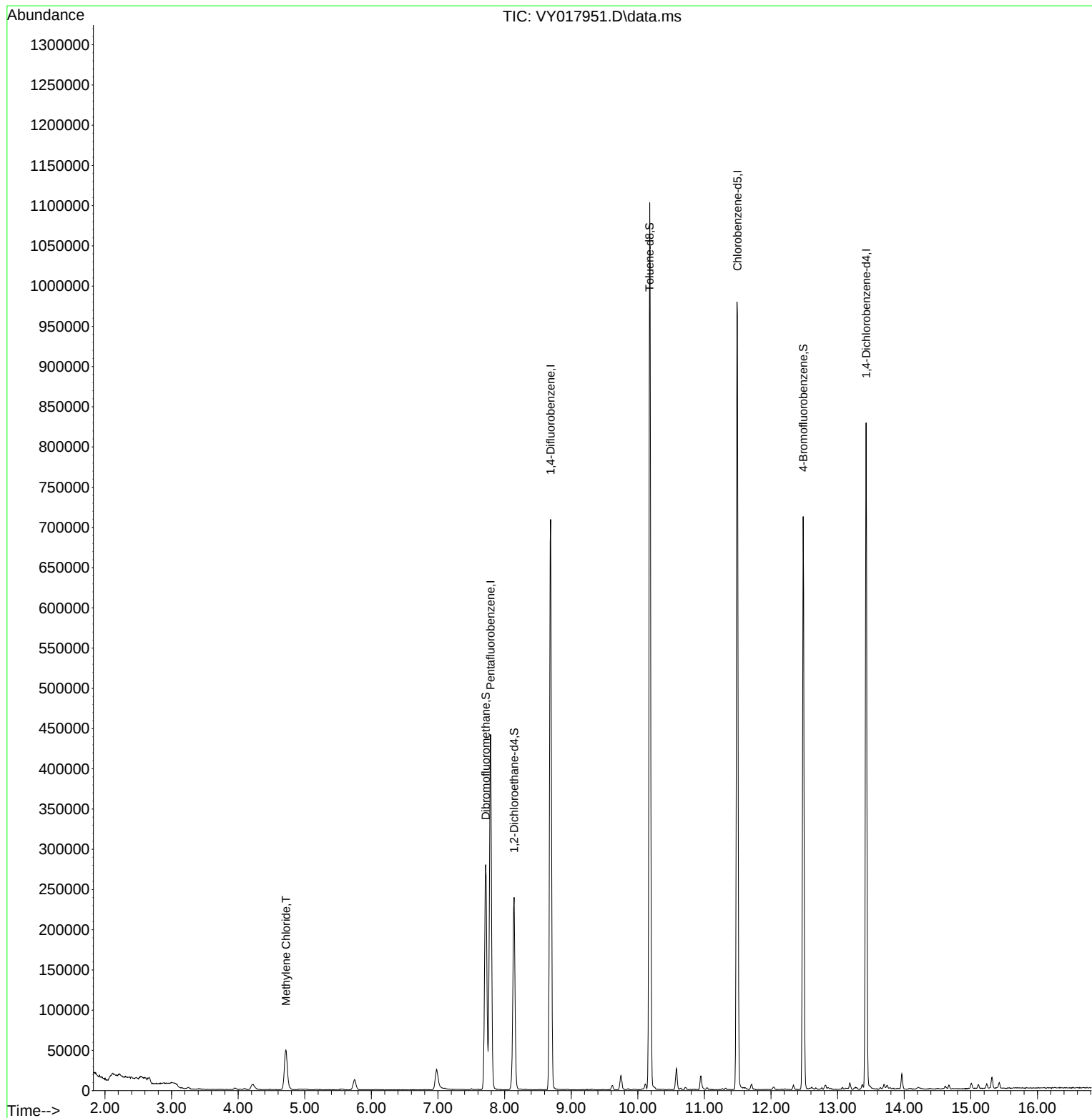
Internal Standards						
1) Pentafluorobenzene	7.789	168	356285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	638627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	574648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	222294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	175997	57.083	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.160%
35) Dibromofluoromethane	7.716	113	203469	51.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.280%
50) Toluene-d8	10.179	98	742509	49.666	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.483	95	209592	45.267	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.540%
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	40361	9.779	ug/l	97

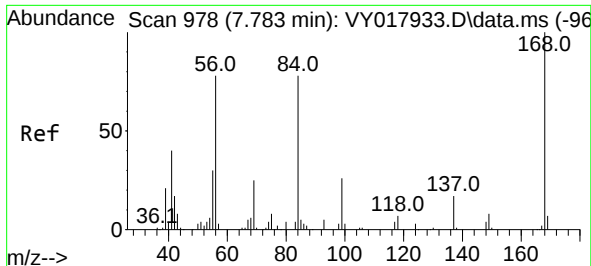
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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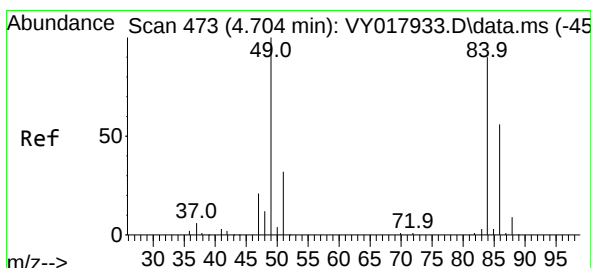
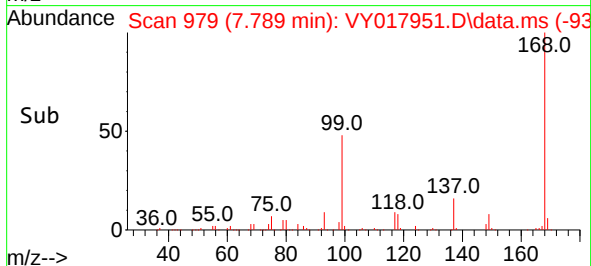
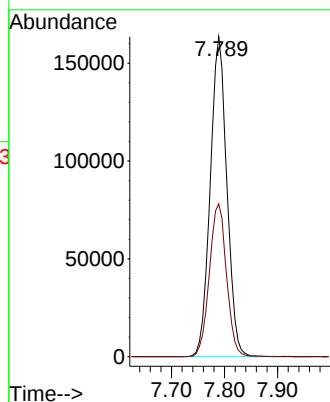
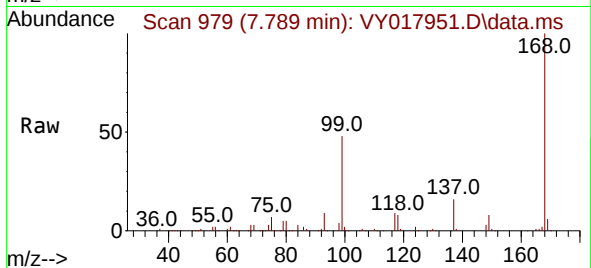




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017951.D
Acq: 17 Apr 2024 09:45

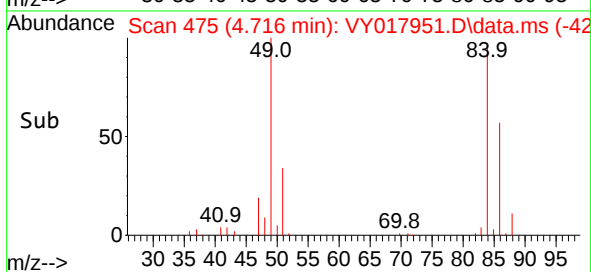
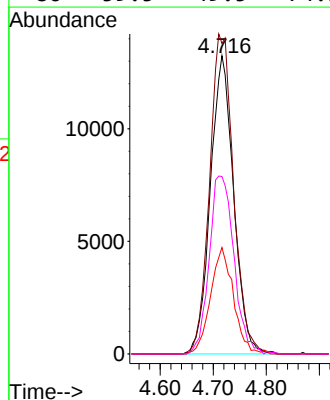
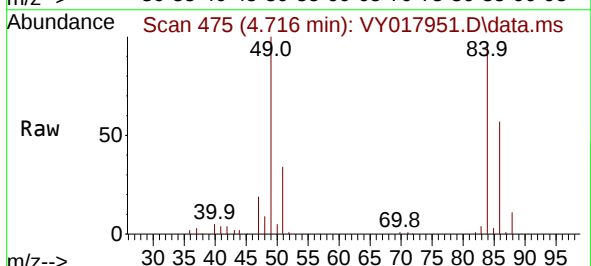
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBL01

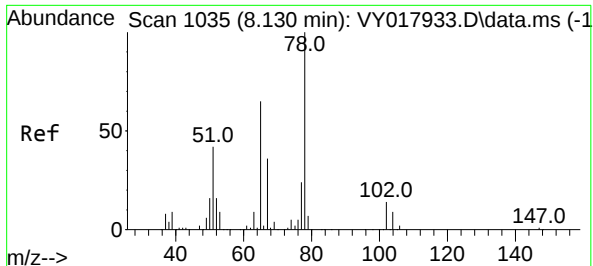
Tgt Ion:168 Resp: 356285
Ion Ratio Lower Upper
168 100
99 47.8 39.1 58.7



#20
Methylene Chloride
Concen: 9.779 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY017951.D
Acq: 17 Apr 2024 09:45

Tgt Ion: 84 Resp: 40361
Ion Ratio Lower Upper
84 100
49 104.2 84.4 126.6
51 35.7 26.0 39.0
86 59.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 57.083 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017951.D

Acq: 17 Apr 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

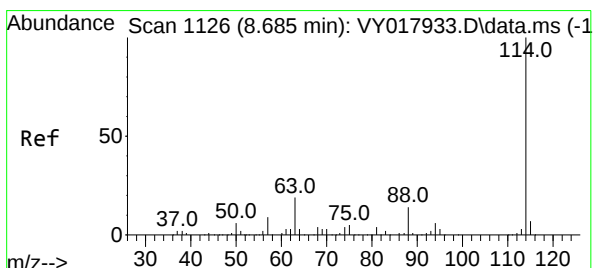
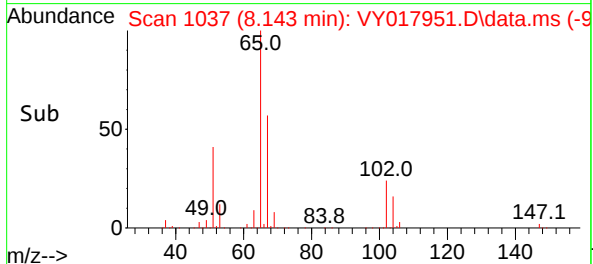
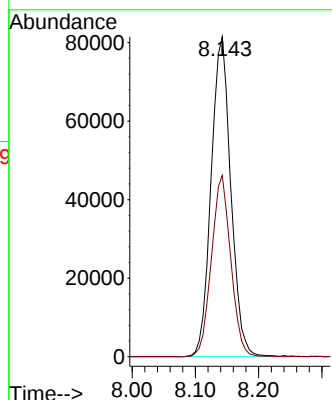
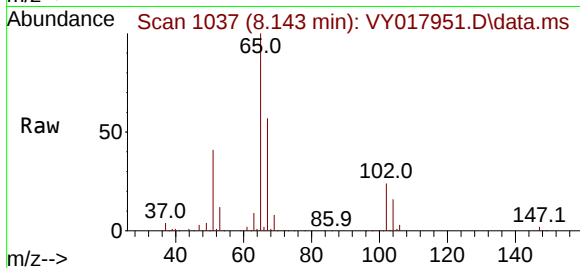
VY0417SBL01

Tgt Ion: 65 Resp: 175997

Ion Ratio Lower Upper

65 100

67 55.5 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: VY017951.D

Acq: 17 Apr 2024 09:45

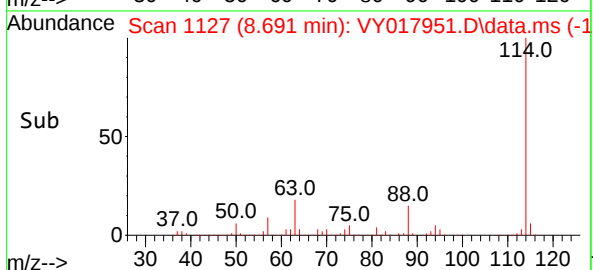
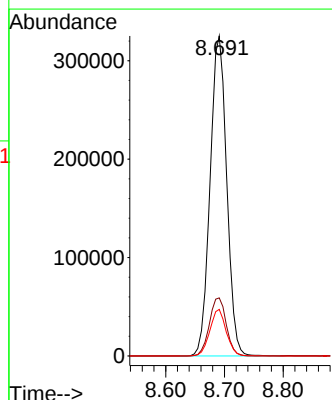
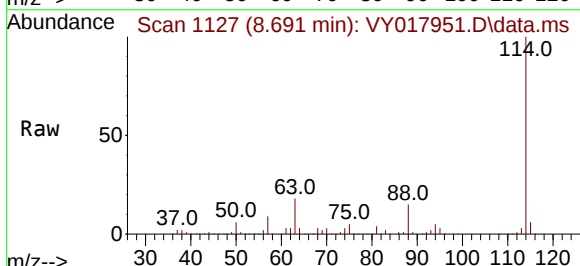
Tgt Ion: 114 Resp: 638627

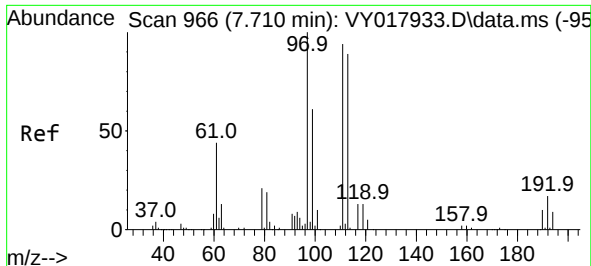
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.5 0.0 27.2

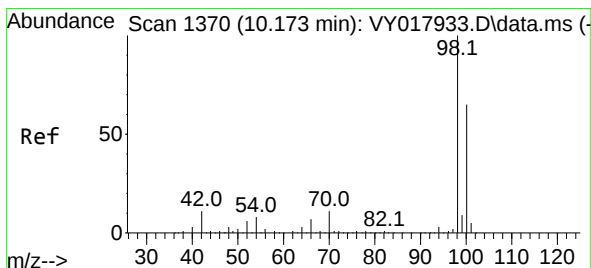
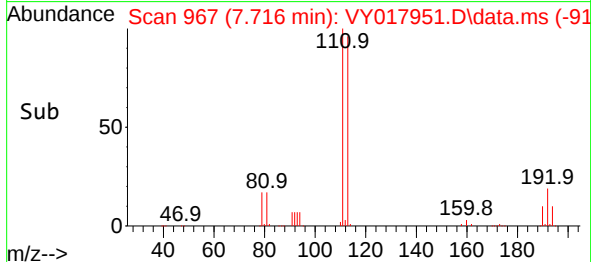
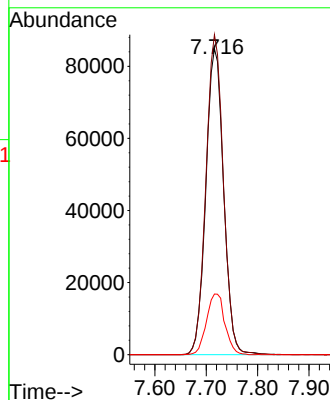
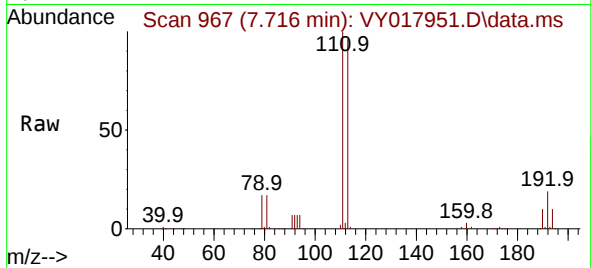




#35
Dibromofluoromethane
Concen: 51.643 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017951.D
Acq: 17 Apr 2024 09:45

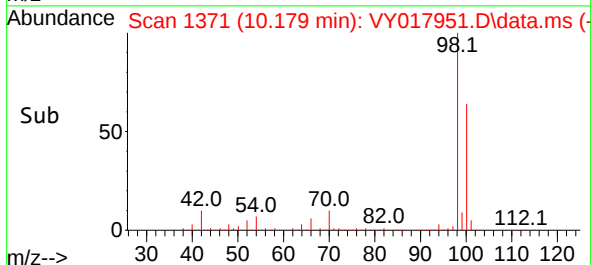
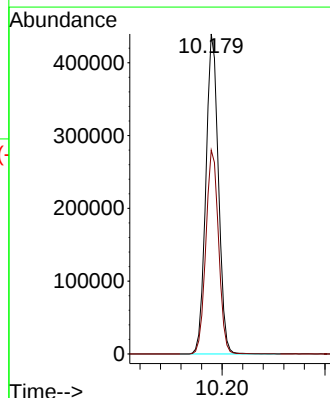
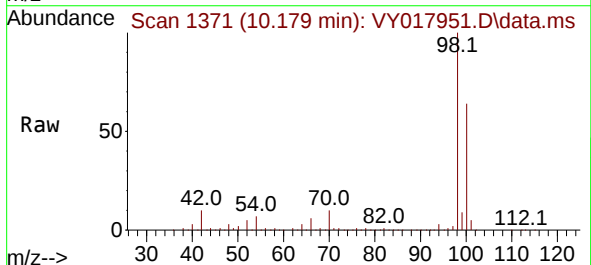
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBL01

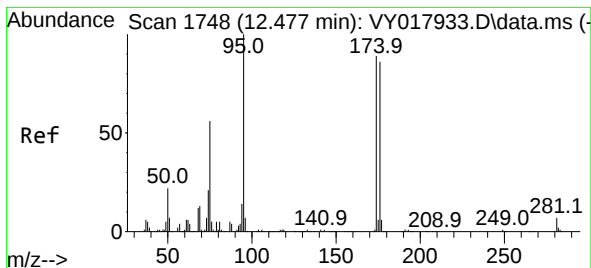
Tgt Ion:113 Resp: 203469
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.5 15.9 23.9



#50
Toluene-d8
Concen: 49.666 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY017951.D
Acq: 17 Apr 2024 09:45

Tgt Ion: 98 Resp: 742509
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

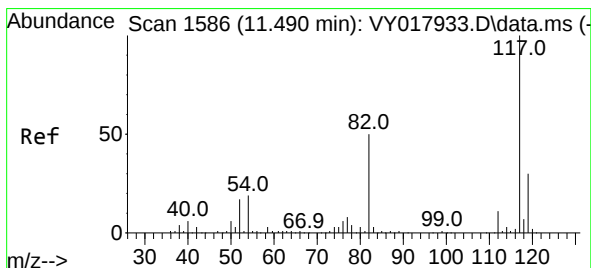
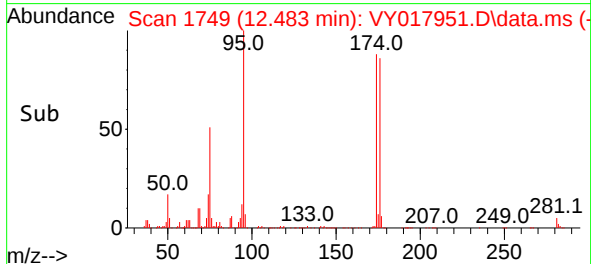
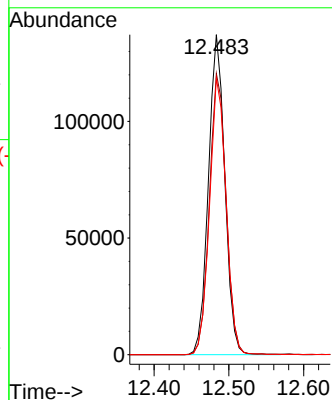
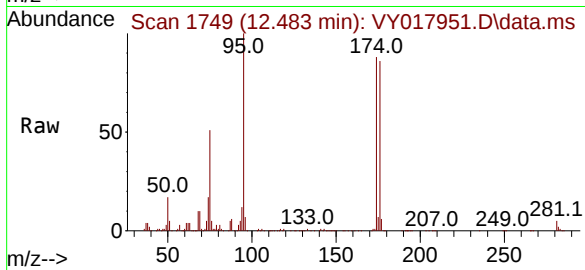




#62
4-Bromofluorobenzene
Concen: 45.267 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017951.D
Acq: 17 Apr 2024 09:45

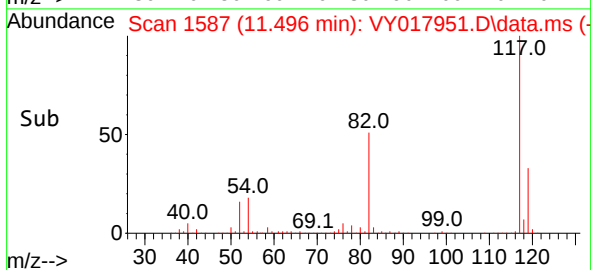
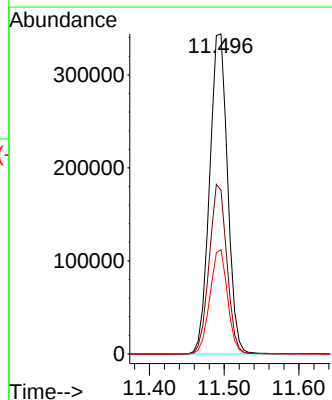
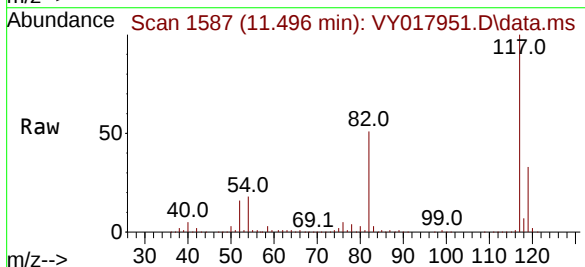
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBL01

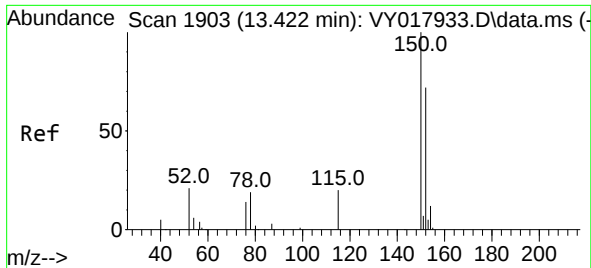
Tgt Ion: 95 Resp: 209592
Ion Ratio Lower Upper
95 100
174 89.9 0.0 175.6
176 87.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY017951.D
Acq: 17 Apr 2024 09:45

Tgt Ion: 117 Resp: 574648
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 32.6 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: VY017951.D

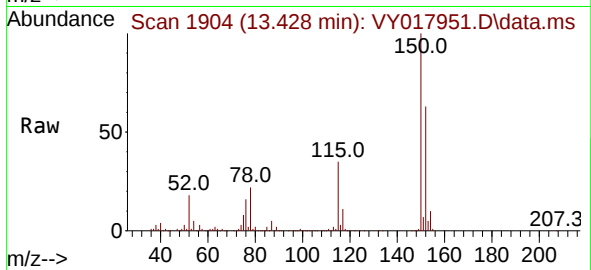
Acq: 17 Apr 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBL01



Tgt Ion:152 Resp: 222294

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 155.6 0.0 345.6

