

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102023\
 Data File : VY016059.D
 Acq On : 20 Oct 2023 12:17
 Operator : SY/MD
 Sample : 04974-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4RE

Quant Time: Oct 20 23:05:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

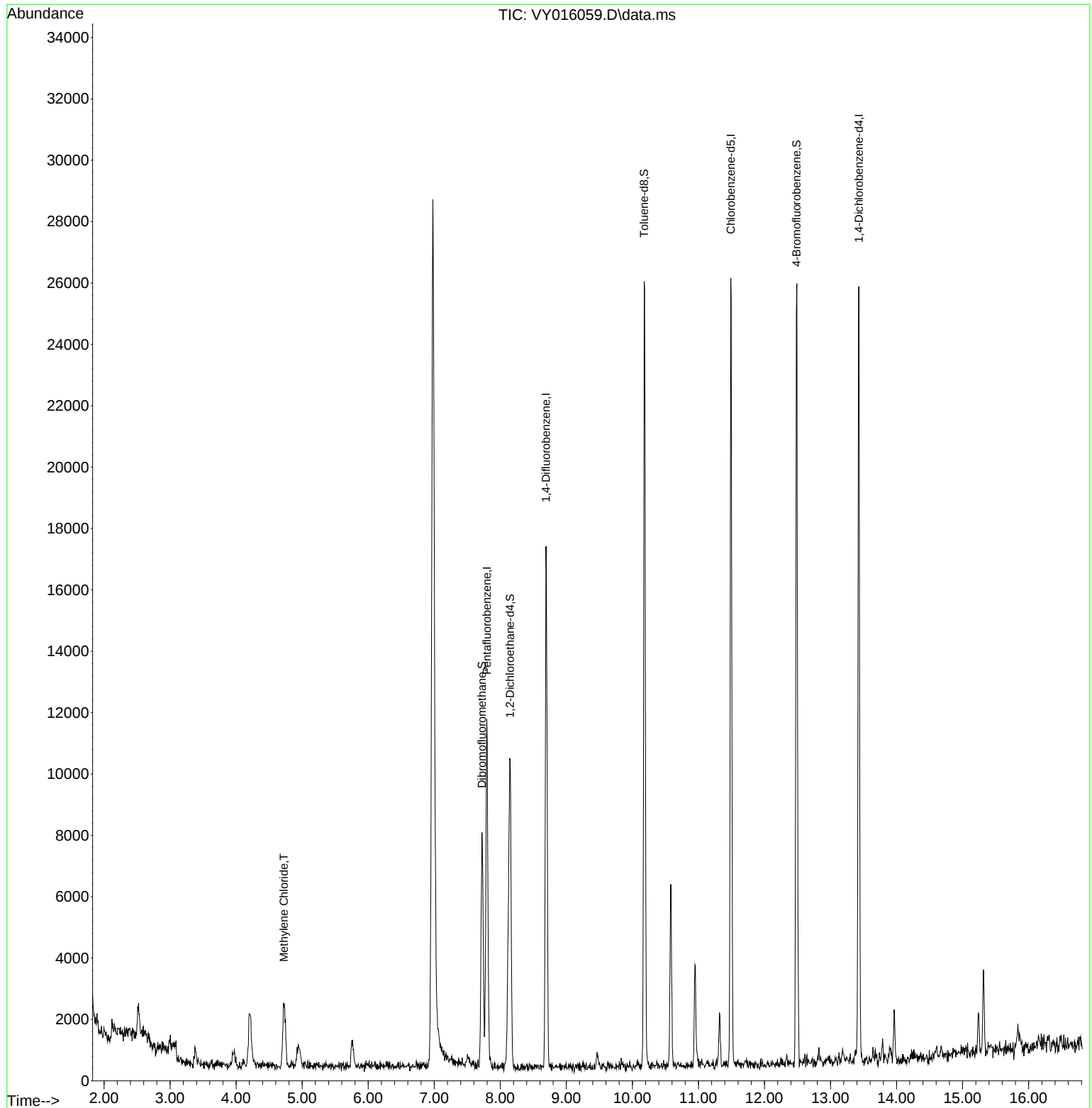
Internal Standards						
1) Pentafluorobenzene	7.795	168	9043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	14455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7097	69.050	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.100%	
35) Dibromofluoromethane	7.722	113	5567	58.914	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.820%	
50) Toluene-d8	10.179	98	17498	50.987	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	12.483	95	6219	50.787	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.580%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.723	84	1652	14.596	ug/l #	78

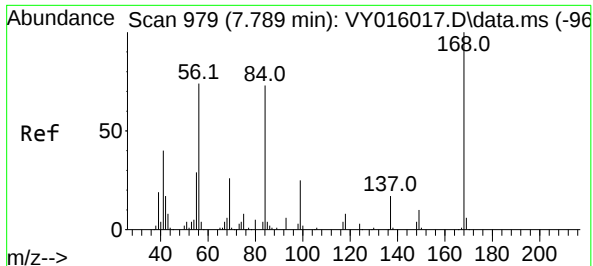
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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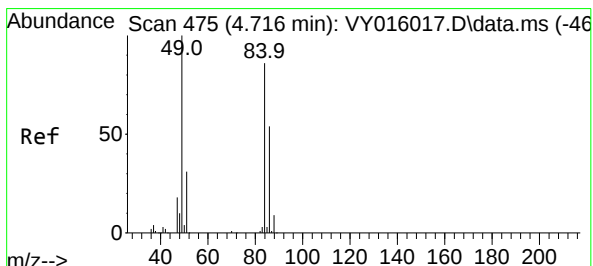
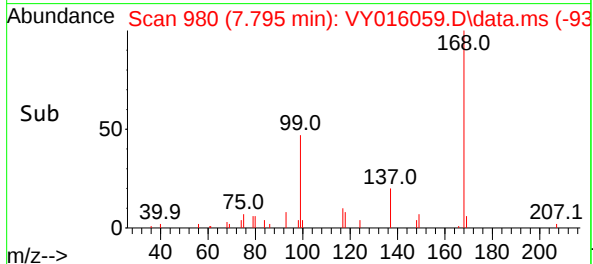
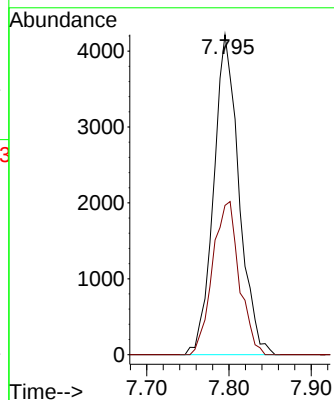
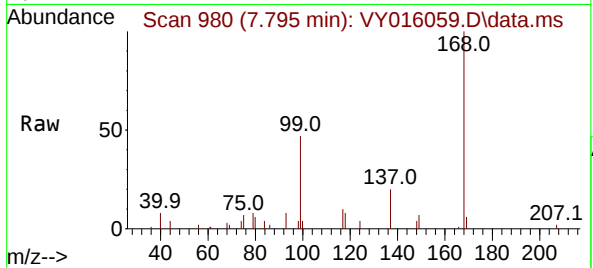




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY016059.D
Acq: 20 Oct 2023 12:17

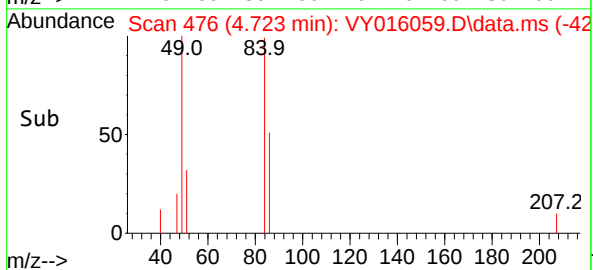
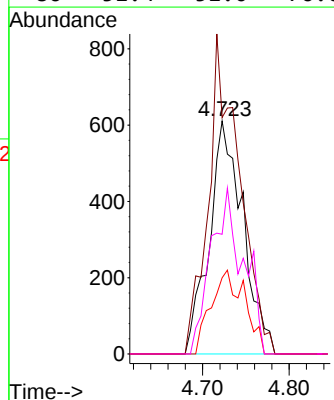
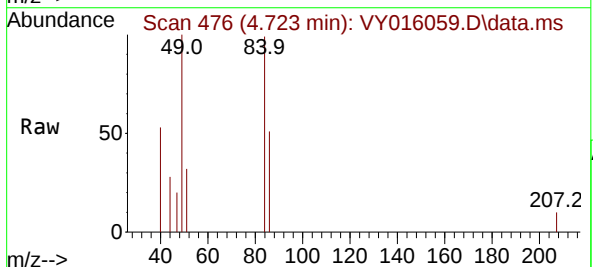
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

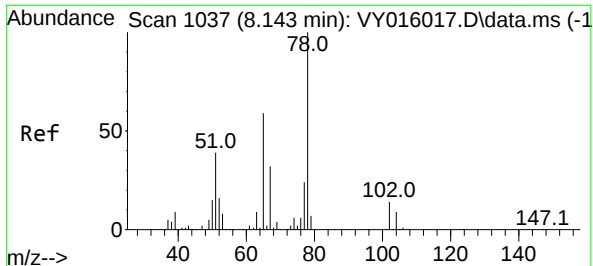
Tgt Ion:168 Resp: 9043
Ion Ratio Lower Upper
168 100
99 46.6 43.4 65.0



#20
Methylene Chloride
Concen: 14.596 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY016059.D
Acq: 20 Oct 2023 12:17

Tgt Ion: 84 Resp: 1652
Ion Ratio Lower Upper
84 100
49 101.5 106.9 160.3#
51 32.7 33.2 49.8#
86 51.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 69.050 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY016059.D

Acq: 20 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

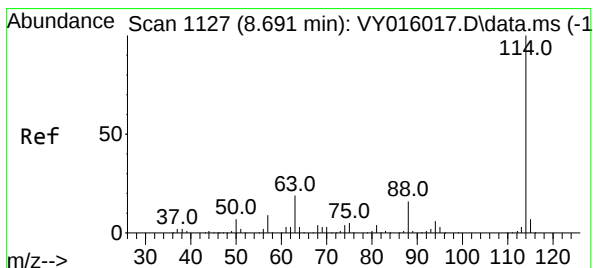
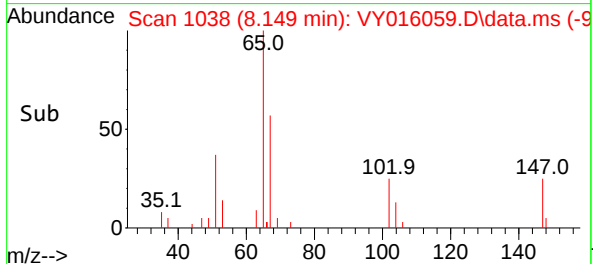
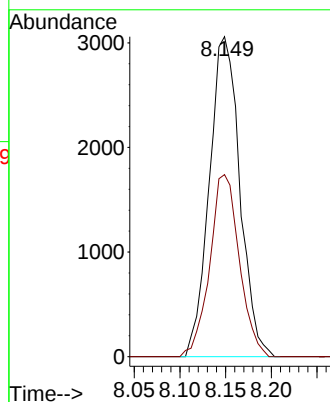
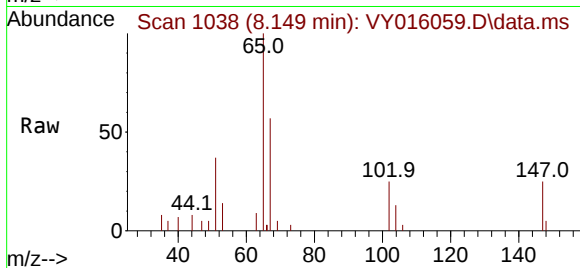
TP-4RE

Tgt Ion: 65 Resp: 7097

Ion Ratio Lower Upper

65 100

67 55.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016059.D

Acq: 20 Oct 2023 12:17

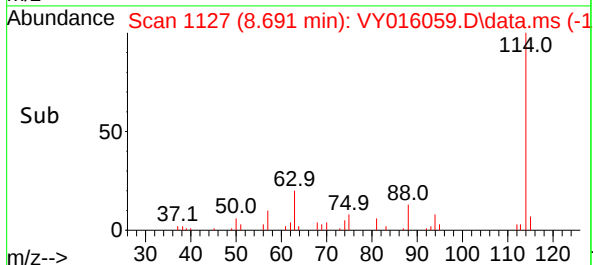
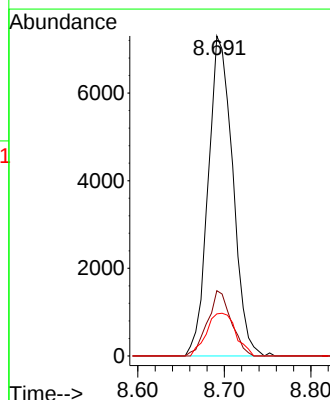
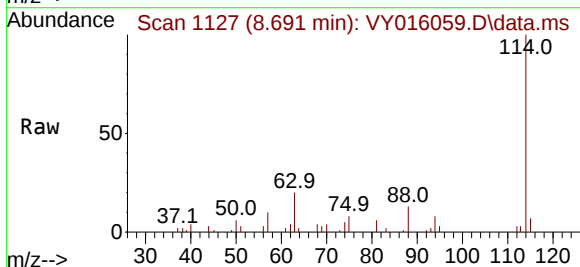
Tgt Ion: 114 Resp: 14356

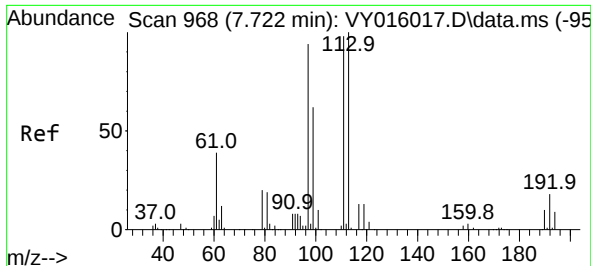
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 13.1 0.0 30.6

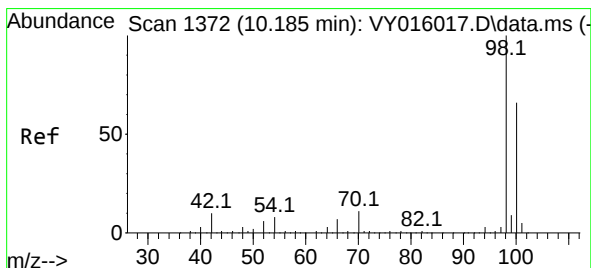
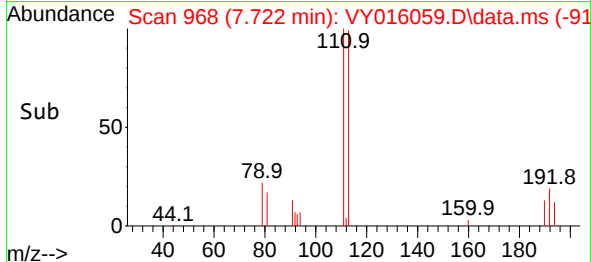
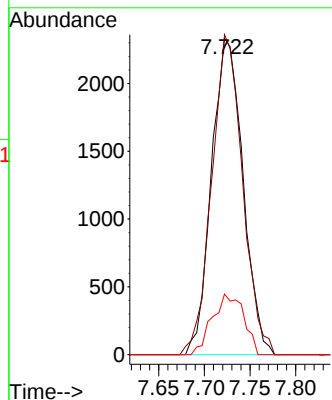
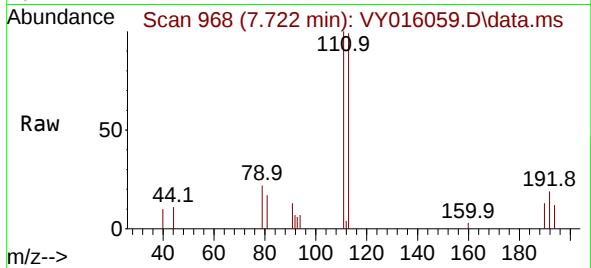




#35
Dibromofluoromethane
Concen: 58.914 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016059.D
Acq: 20 Oct 2023 12:17

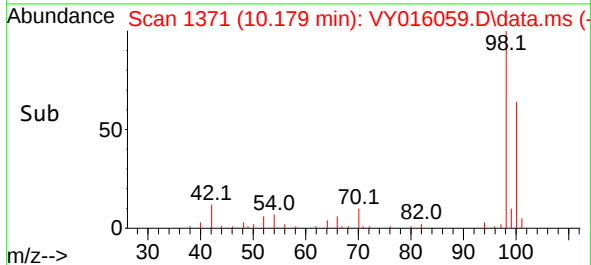
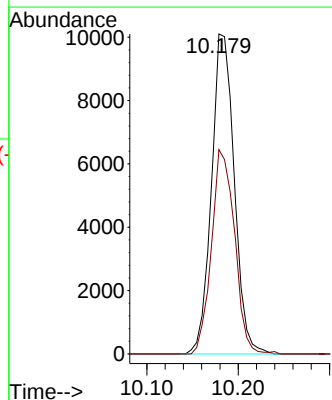
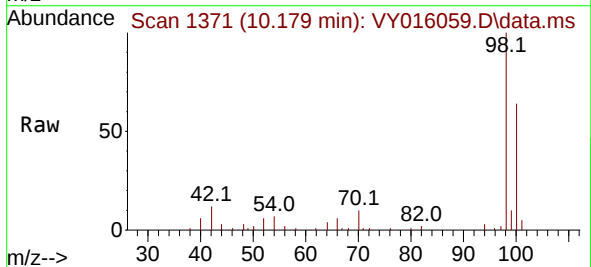
Instrument :
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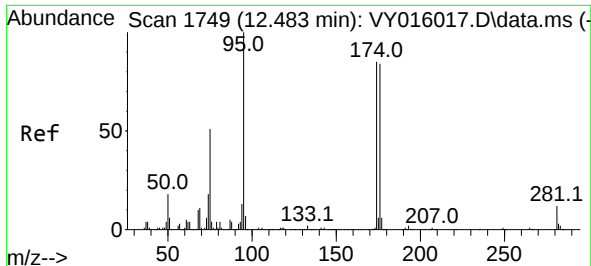
Tgt Ion:113 Resp: 5567
Ion Ratio Lower Upper
113 100
111 99.1 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 50.987 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY016059.D
Acq: 20 Oct 2023 12:17

Tgt Ion: 98 Resp: 17498
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

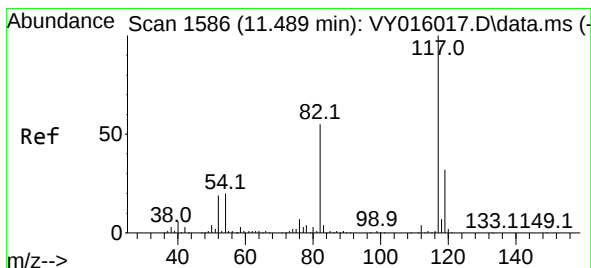
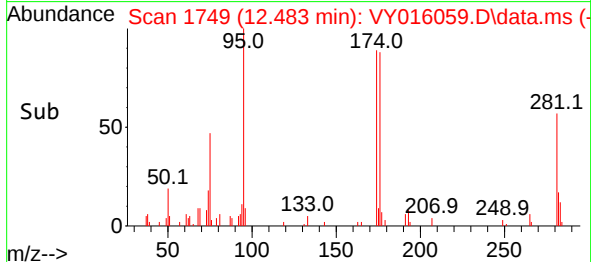
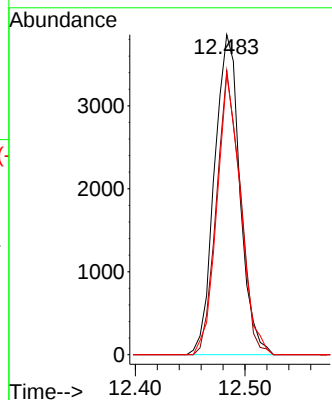
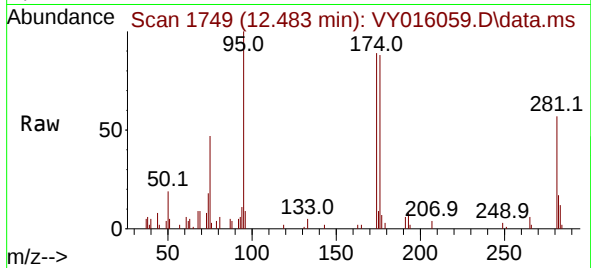




#62
4-Bromofluorobenzene
Concen: 50.787 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016059.D
Acq: 20 Oct 2023 12:17

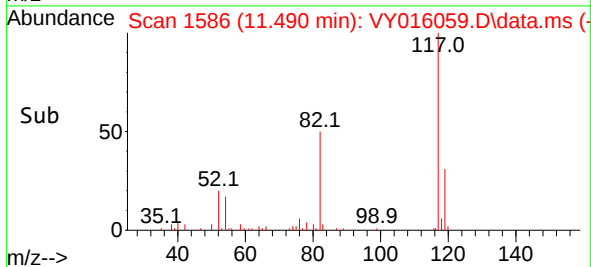
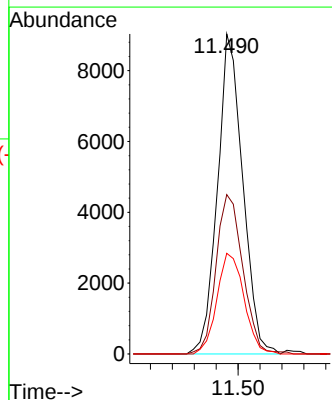
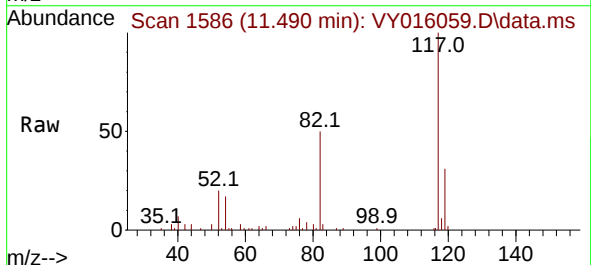
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

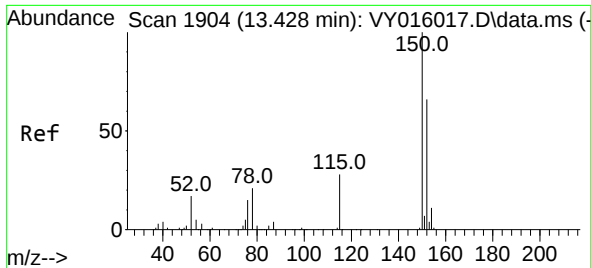
Tgt Ion: 95 Resp: 6219
Ion Ratio Lower Upper
95 100
174 82.9 0.0 178.2
176 81.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY016059.D
Acq: 20 Oct 2023 12:17

Tgt Ion: 117 Resp: 14455
Ion Ratio Lower Upper
117 100
82 49.8 43.4 65.0
119 31.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016059.D

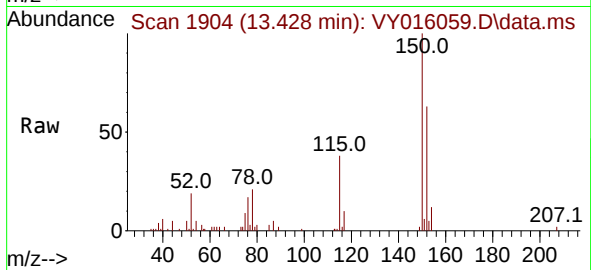
Acq: 20 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

TP-4RE



Tgt Ion:152 Resp: 6777

Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 156.0 0.0 348.8

