

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016286.D
 Acq On : 09 Nov 2023 16:57
 Operator : SY/MD
 Sample : 05311-10
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Nov 09 23:01:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

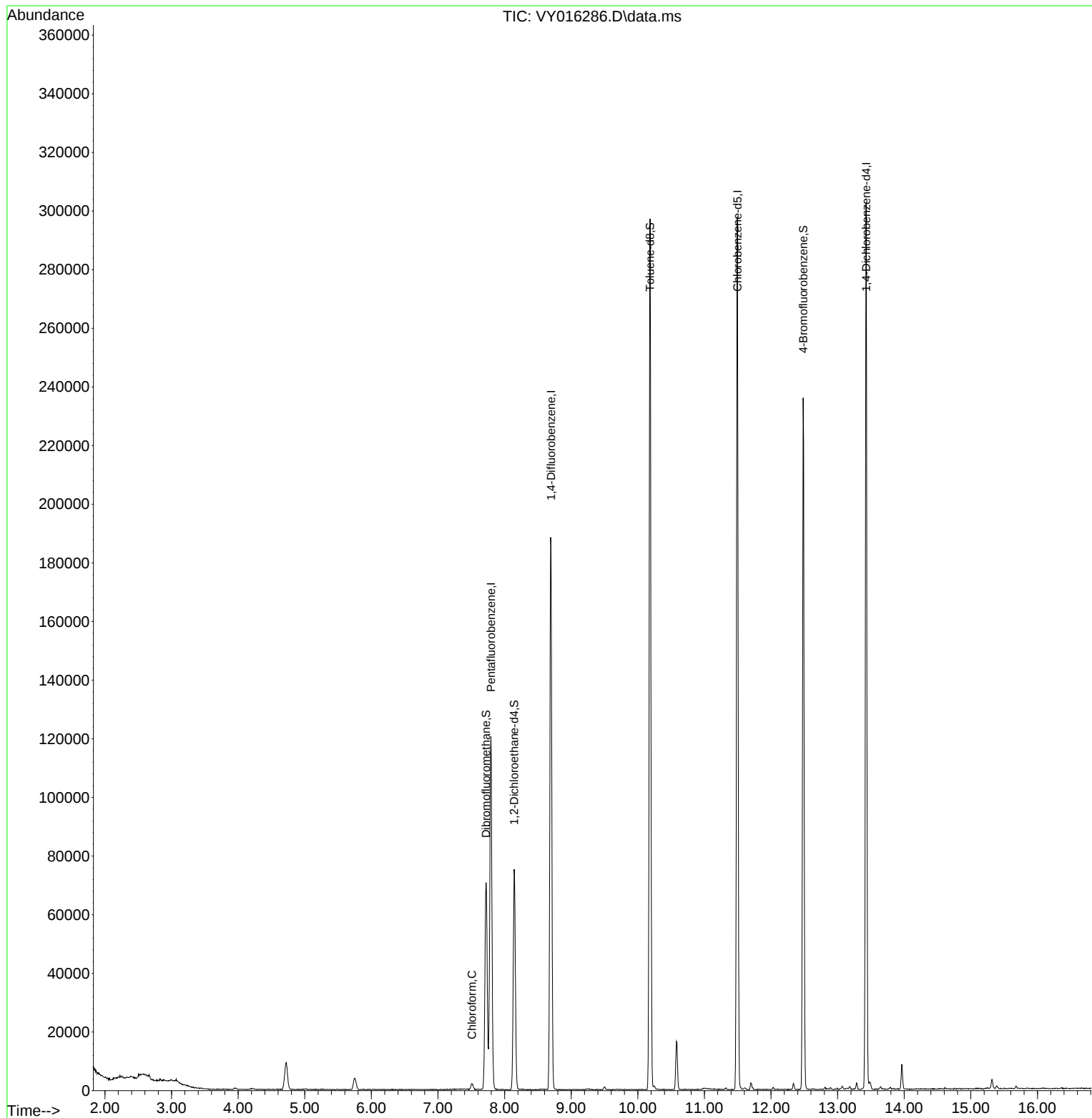
Internal Standards						
1) Pentafluorobenzene	7.795	168	94950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	164548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	58833	67.795	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.600%	
35) Dibromofluoromethane	7.722	113	51366	52.936	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.880%	
50) Toluene-d8	10.185	98	200054	50.841	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.483	95	70604	55.246	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.500%	
Target Compounds						
					Qvalue	
30) Chloroform	7.508	83	2068	1.097	ug/l	96

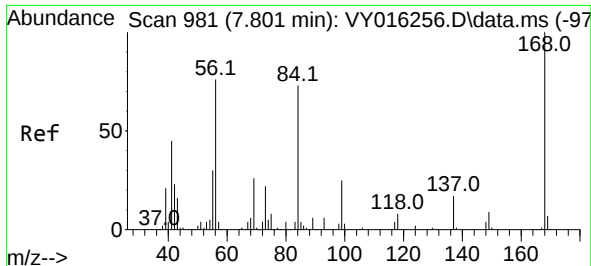
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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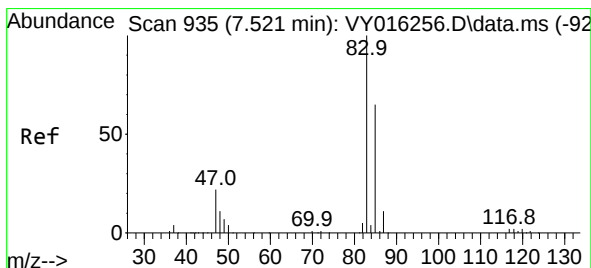
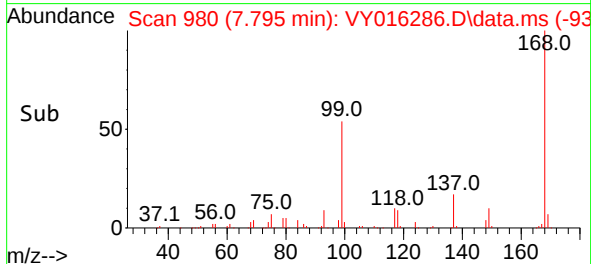
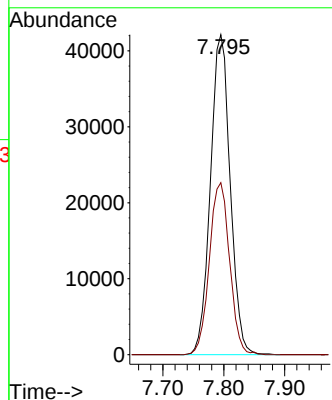
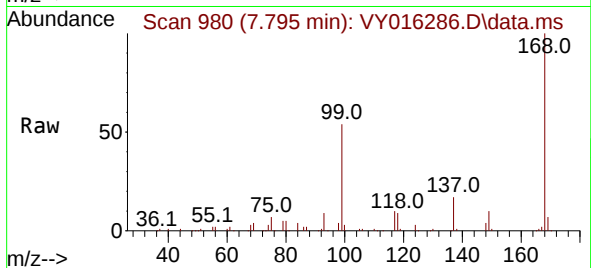




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016286.D
Acq: 09 Nov 2023 16:57

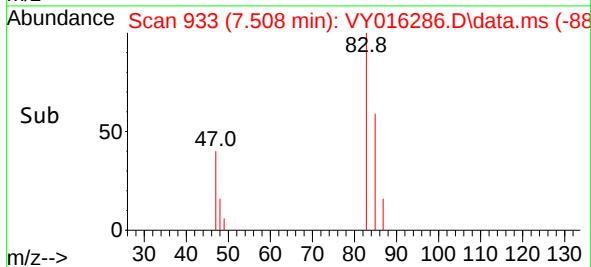
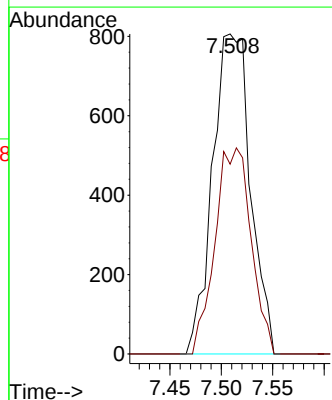
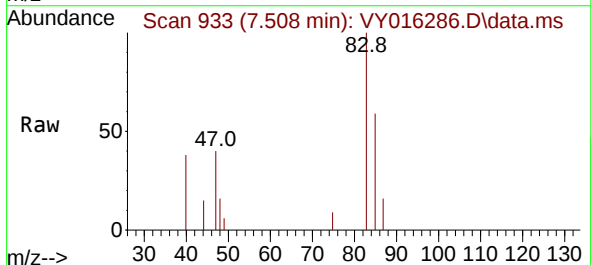
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

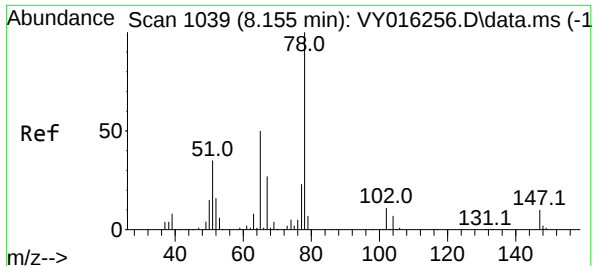
Tgt Ion:168 Resp: 94950
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#30
Chloroform
Concen: 1.097 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.012 min
Lab File: VY016286.D
Acq: 09 Nov 2023 16:57

Tgt Ion: 83 Resp: 2068
Ion Ratio Lower Upper
83 100
85 59.3 49.7 74.5





#33

1,2-Dichloroethane-d4

Concen: 67.795 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.012 min

Lab File: VY016286.D

Acq: 09 Nov 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

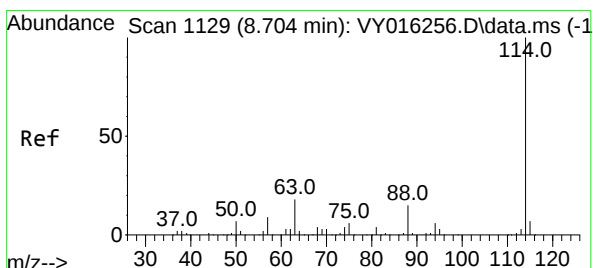
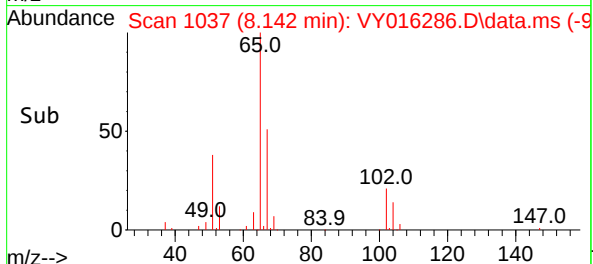
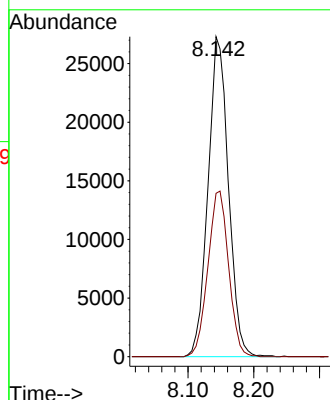
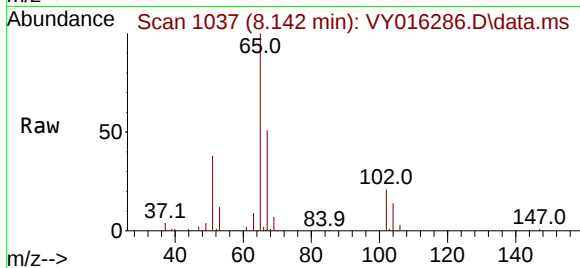
TP-4

Tgt Ion: 65 Resp: 58833

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016286.D

Acq: 09 Nov 2023 16:57

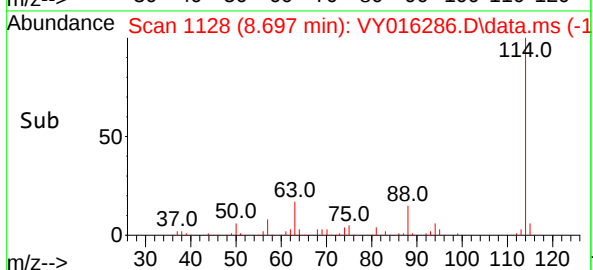
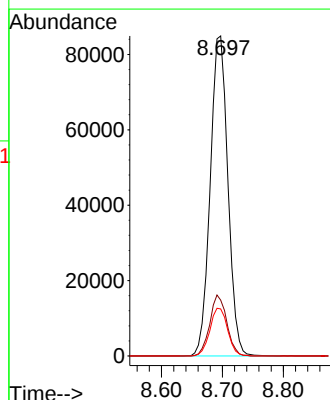
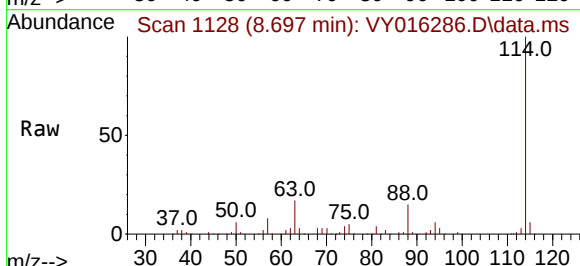
Tgt Ion: 114 Resp: 170815

Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.936 ug/l

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY016286.D

Acq: 09 Nov 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

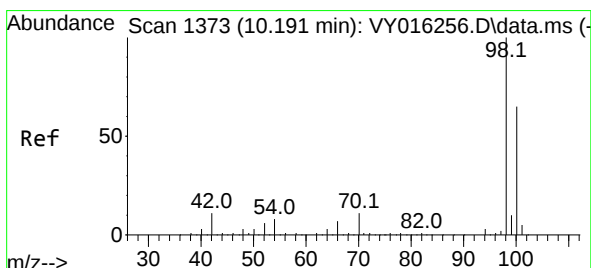
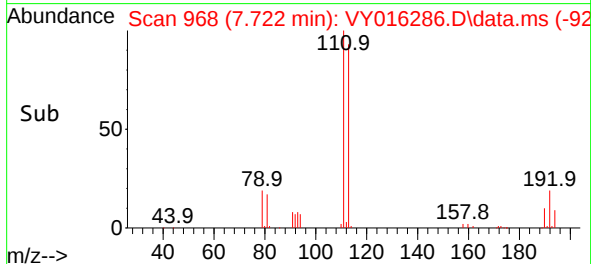
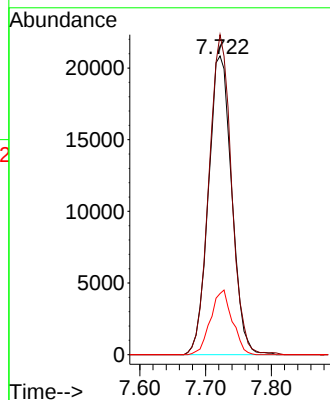
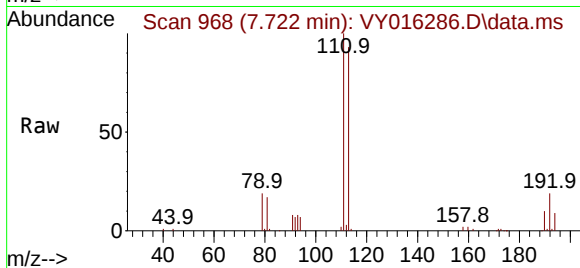
Tgt Ion:113 Resp: 51366

Ion Ratio Lower Upper

113 100

111 103.7 81.3 121.9

192 20.2 16.9 25.3



#50

Toluene-d8

Concen: 50.841 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016286.D

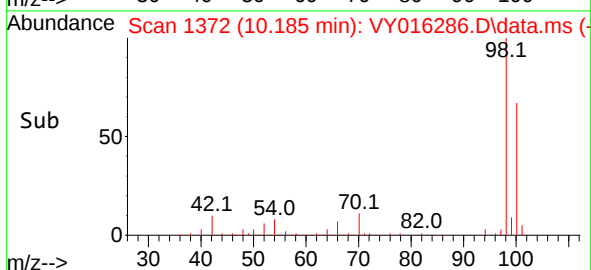
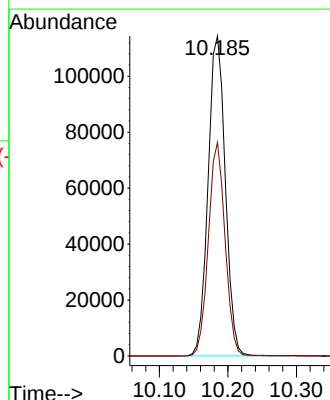
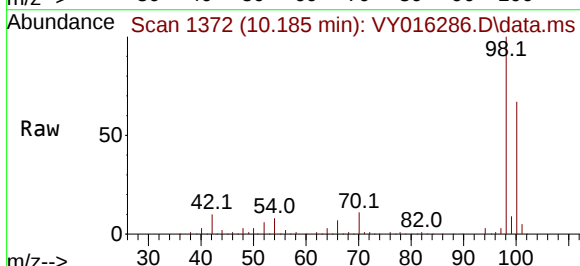
Acq: 09 Nov 2023 16:57

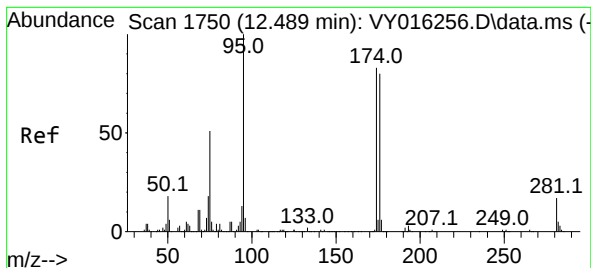
Tgt Ion: 98 Resp: 200054

Ion Ratio Lower Upper

98 100

100 64.6 50.1 75.1

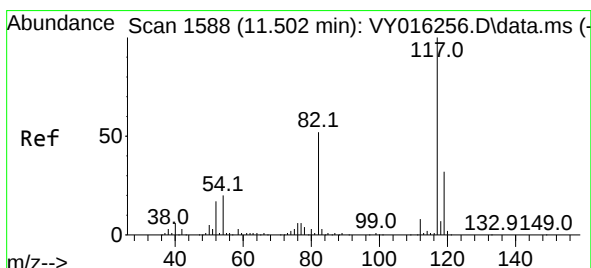
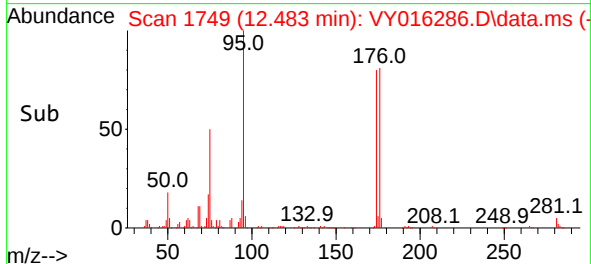
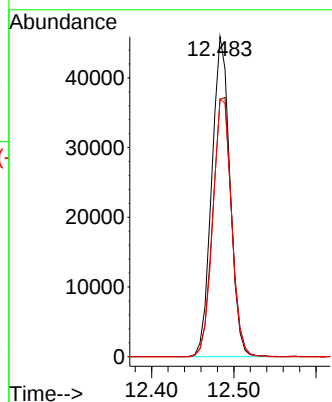
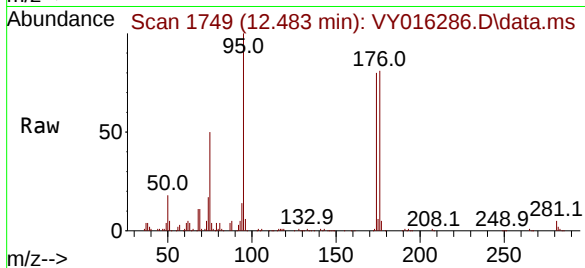




#62
4-Bromofluorobenzene
Concen: 55.246 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016286.D
Acq: 09 Nov 2023 16:57

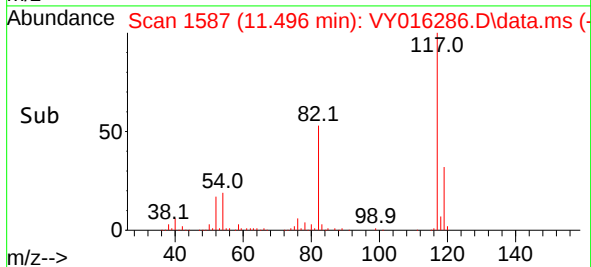
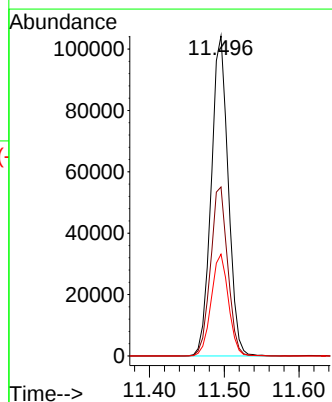
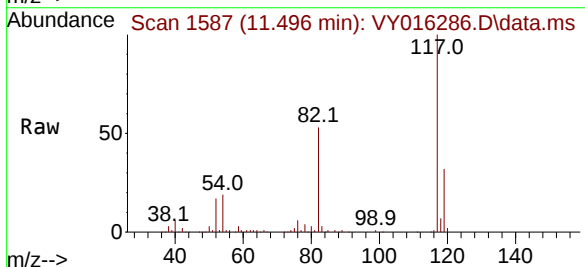
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion: 95 Resp: 70604
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 82.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016286.D
Acq: 09 Nov 2023 16:57

Tgt Ion: 117 Resp: 164548
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016286.D

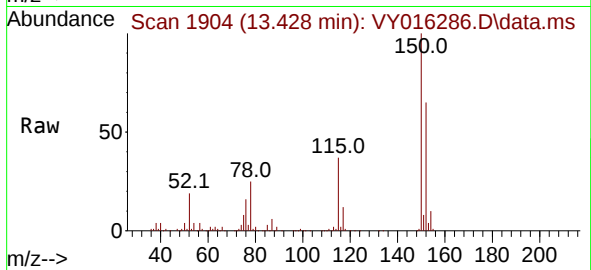
Acq: 09 Nov 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-4



Tgt Ion:152 Resp: 77336

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 157.5 0.0 348.8

