

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016284.D
 Acq On : 09 Nov 2023 16:10
 Operator : SY/MD
 Sample : 05311-04
 Misc : 2.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Nov 09 23:00:28 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)

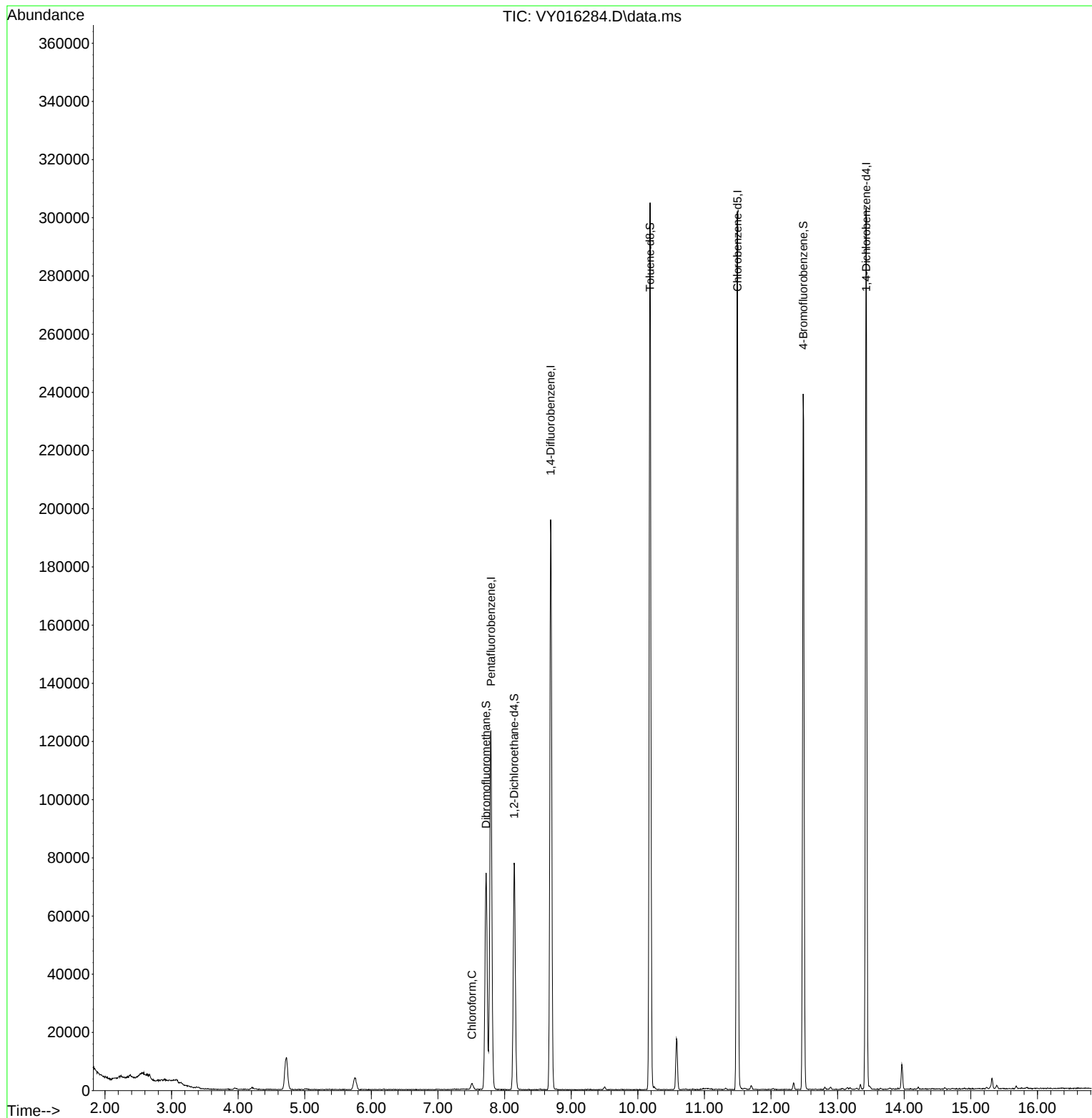
Internal Standards						
1) Pentafluorobenzene	7.795	168	97043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	173895	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	167508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58776	66.269	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.540%	
35) Dibromofluoromethane	7.722	113	52839	53.490	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.980%	
50) Toluene-d8	10.185	98	205130	51.207	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.483	95	71520	54.971	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.940%	
Target Compounds						
					Qvalue	
30) Chloroform	7.509	83	2371	1.231	ug/l	87

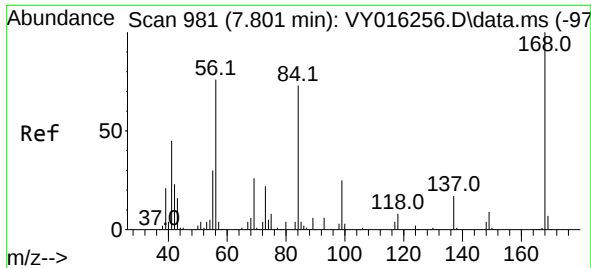
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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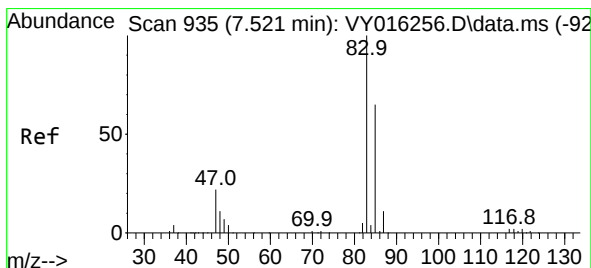
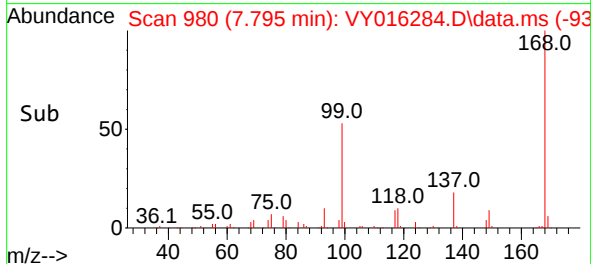
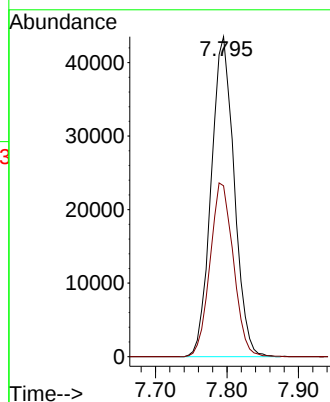
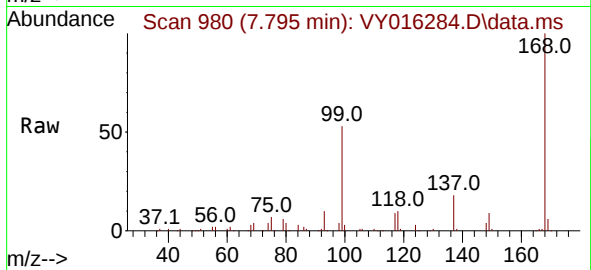




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016284.D
Acq: 09 Nov 2023 16:10

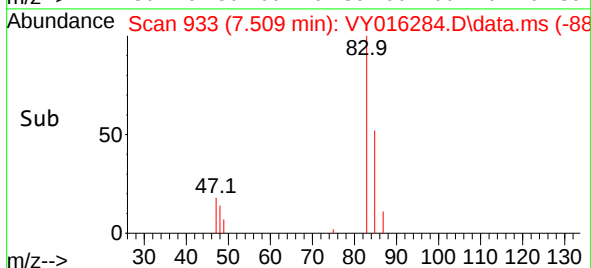
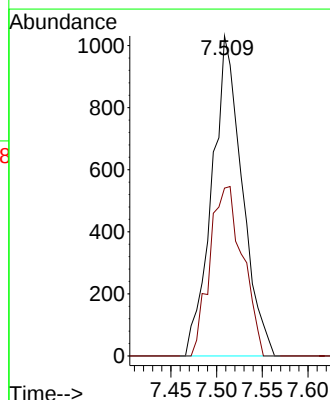
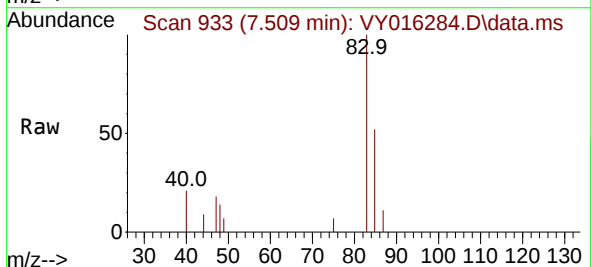
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

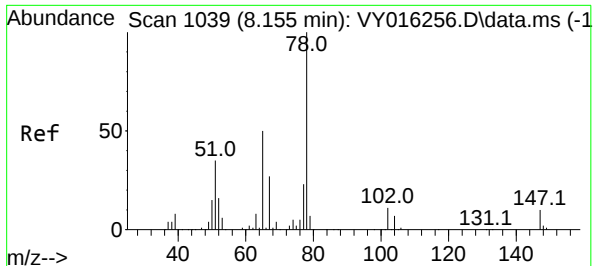
Tgt Ion:168 Resp: 97043
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#30
Chloroform
Concen: 1.231 ug/l
RT: 7.509 min Scan# 933
Delta R.T. -0.012 min
Lab File: VY016284.D
Acq: 09 Nov 2023 16:10

Tgt Ion: 83 Resp: 2371
Ion Ratio Lower Upper
83 100
85 52.5 49.7 74.5





#33

1,2-Dichloroethane-d4

Concen: 66.269 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. -0.012 min

Lab File: VY016284.D

Acq: 09 Nov 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

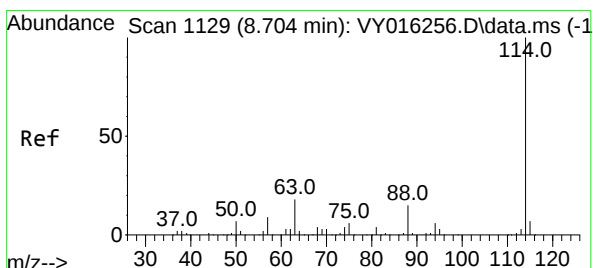
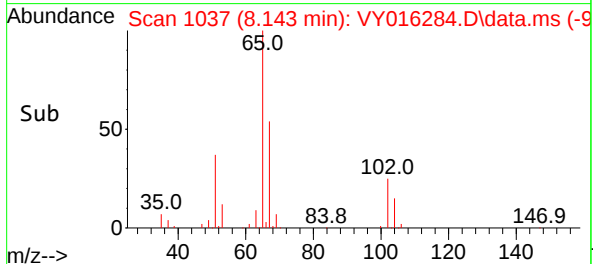
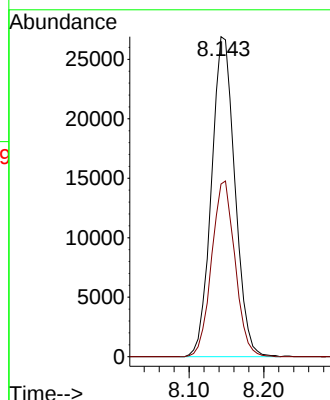
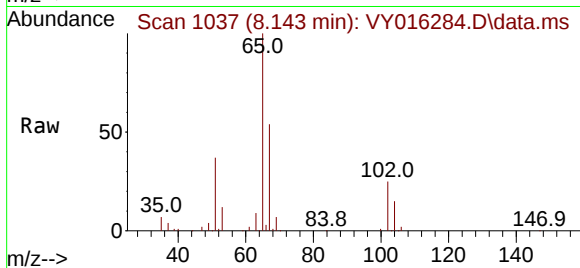
TP-2

Tgt Ion: 65 Resp: 58776

Ion Ratio Lower Upper

65 100

67 54.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016284.D

Acq: 09 Nov 2023 16:10

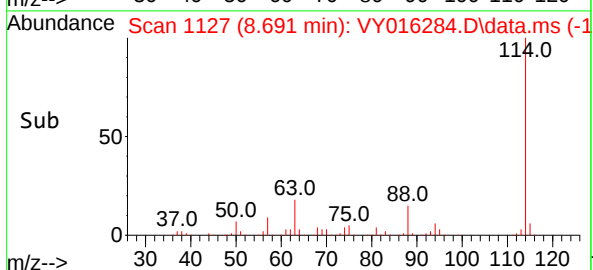
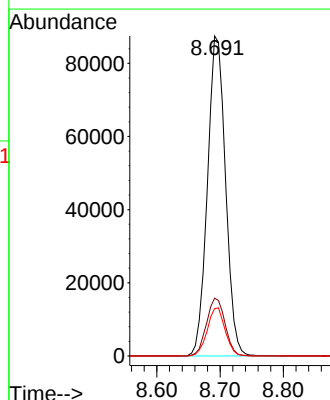
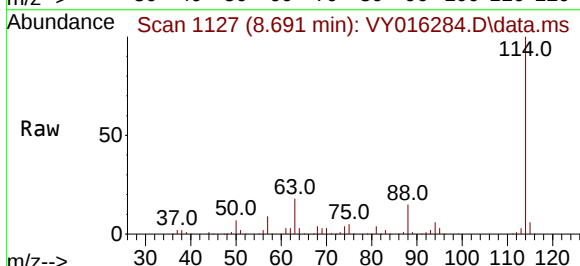
Tgt Ion: 114 Resp: 173895

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 14.8 0.0 30.6

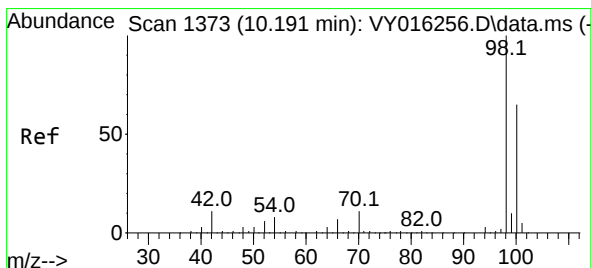
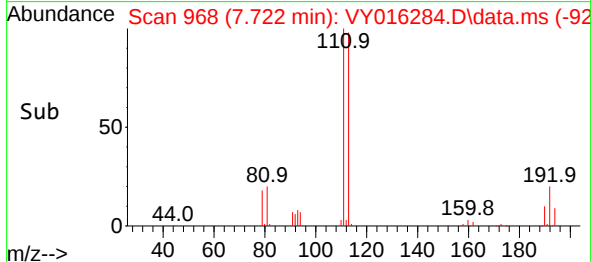
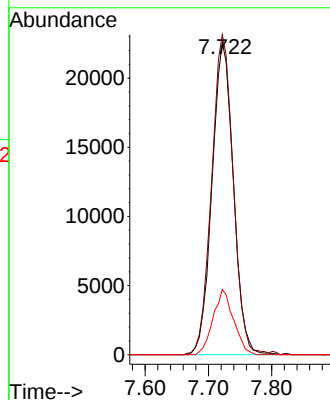
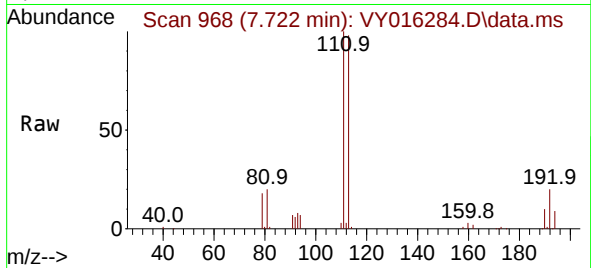




#35
 Dibromofluoromethane
 Concen: 53.490 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VY016284.D
 Acq: 09 Nov 2023 16:10

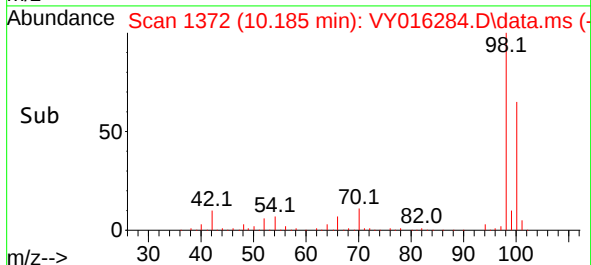
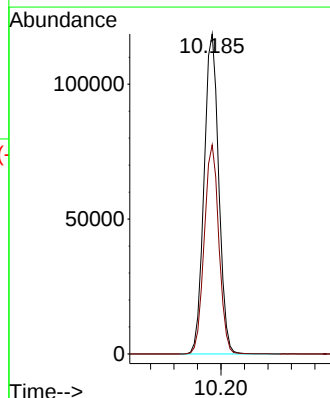
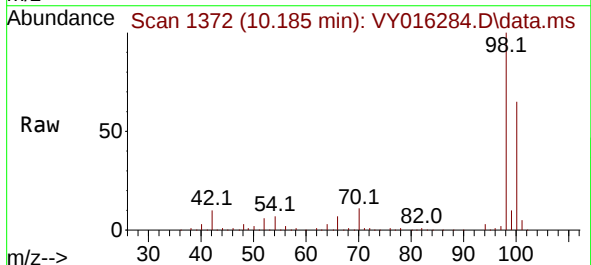
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

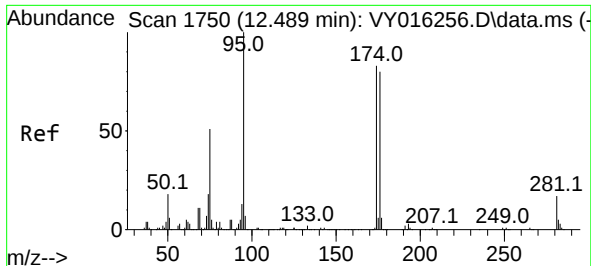
Tgt Ion:113 Resp: 52839
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.3 121.9
 192 20.0 16.9 25.3



#50
 Toluene-d8
 Concen: 51.207 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. -0.006 min
 Lab File: VY016284.D
 Acq: 09 Nov 2023 16:10

Tgt Ion: 98 Resp: 205130
 Ion Ratio Lower Upper
 98 100
 100 65.1 50.1 75.1

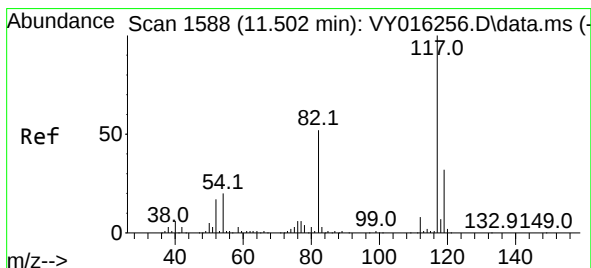
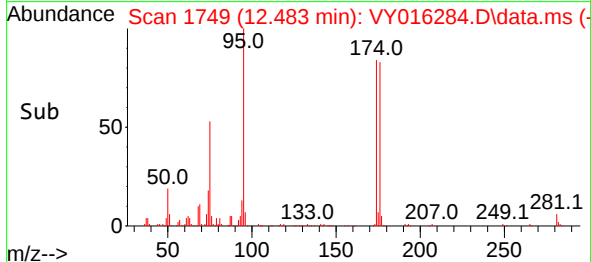
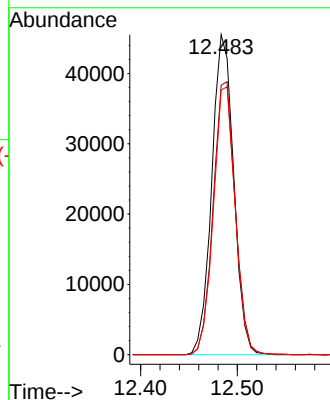
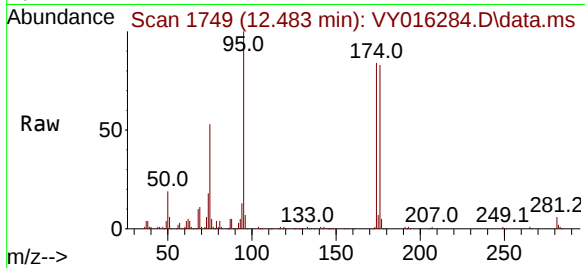




#62
4-Bromofluorobenzene
Concen: 54.971 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016284.D
Acq: 09 Nov 2023 16:10

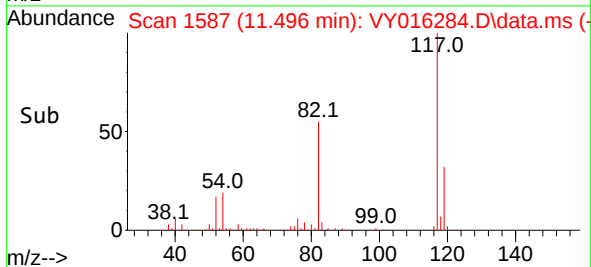
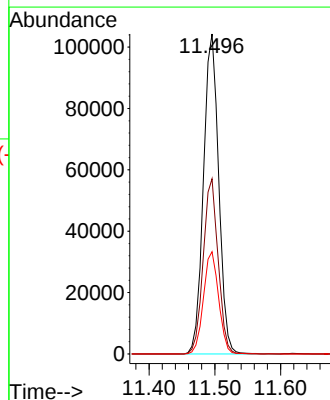
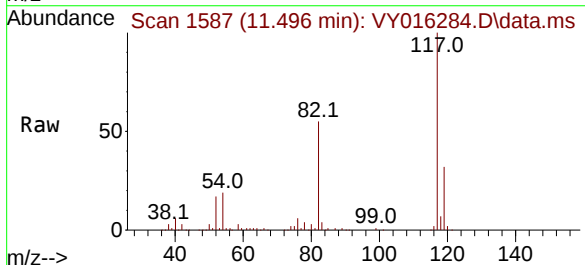
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion: 95 Resp: 71520
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 83.3 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: VY016284.D
Acq: 09 Nov 2023 16:10

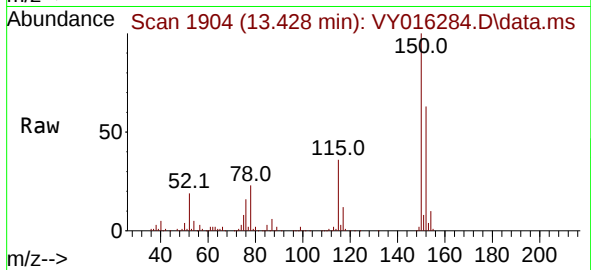
Tgt Ion: 117 Resp: 167508
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY016284.D
 Acq: 09 Nov 2023 16:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2



Tgt Ion:	152	Resp:	78633
Ion Ratio	Lower	Upper	
152	100		
115	57.7	28.8	86.5
150	155.5	0.0	348.8

