

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016280.D
 Acq On : 09 Nov 2023 14:36
 Operator : SY/MD
 Sample : 05293-06
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

Quant Time: Nov 09 22:59:03 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)

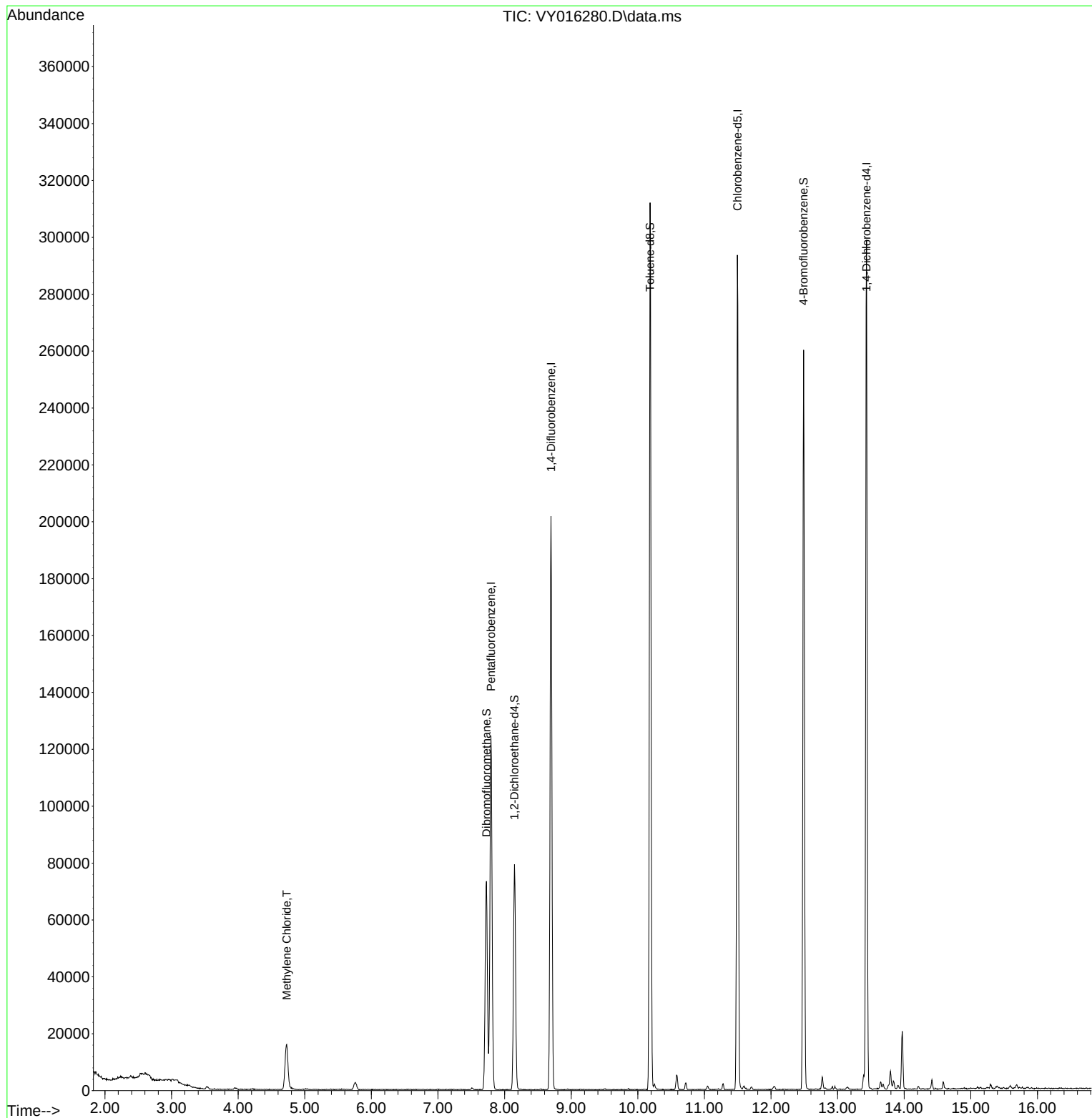
Internal Standards						
1) Pentafluorobenzene	7.795	168	95983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	174398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	167008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	61645	70.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.540%	
35) Dibromofluoromethane	7.728	113	52562	53.056	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.120%	
50) Toluene-d8	10.185	98	205939	51.261	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.489	95	72054	55.222	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.440%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	12772	9.650	ug/l	91

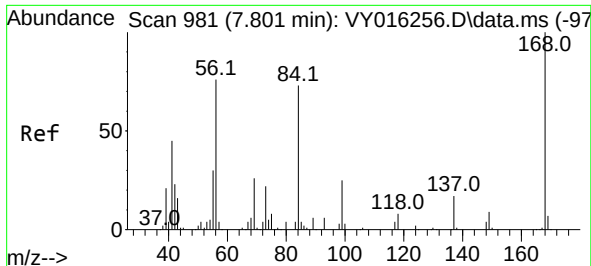
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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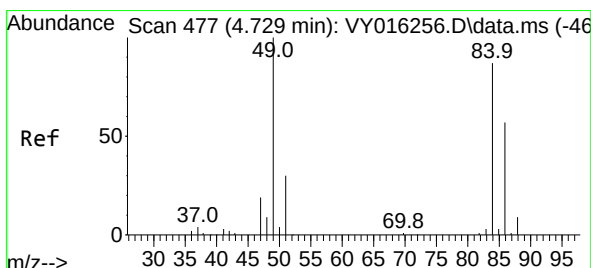
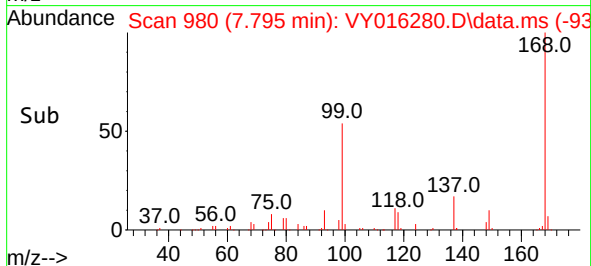
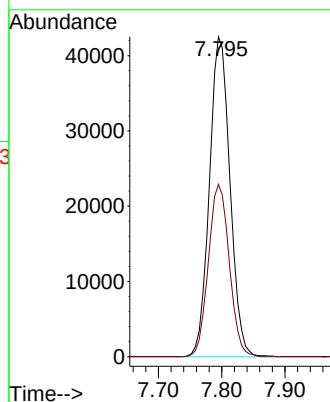
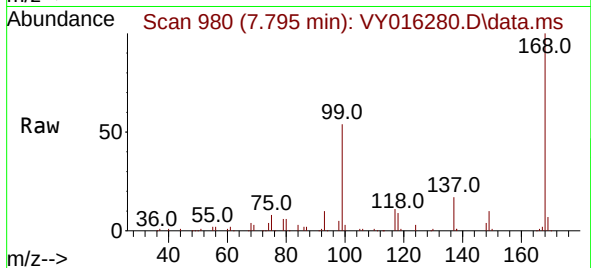




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

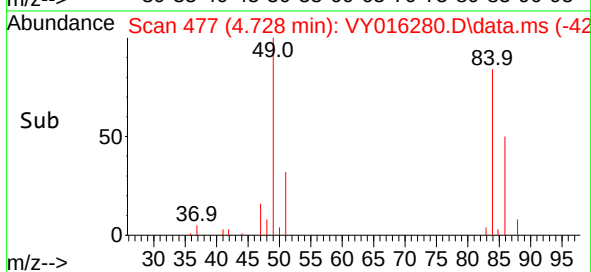
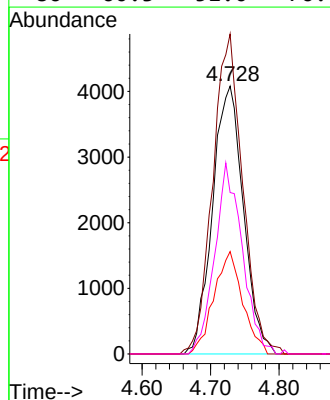
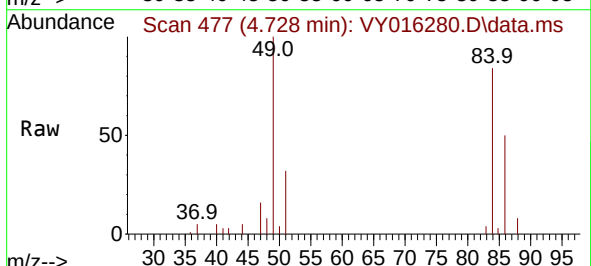
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

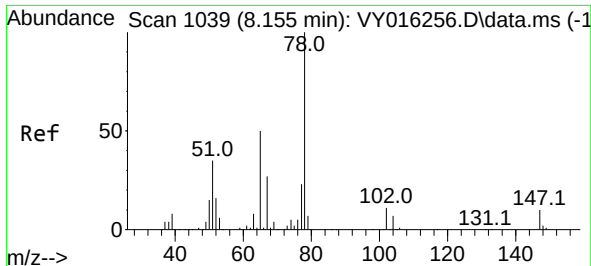
Tgt Ion:168 Resp: 95983
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#20
Methylene Chloride
Concen: 9.650 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

Tgt Ion: 84 Resp: 12772
Ion Ratio Lower Upper
84 100
49 119.5 106.9 160.3
51 38.2 33.2 49.8
86 60.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 70.271 ug/l

RT: 8.148 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016280.D

Acq: 09 Nov 2023 14:36

Instrument :

MSVOA_Y

ClientSampleId :

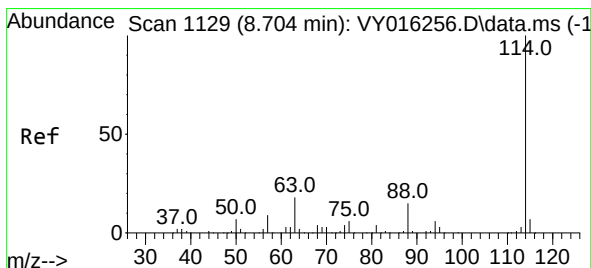
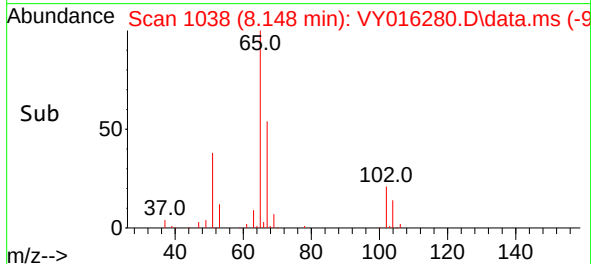
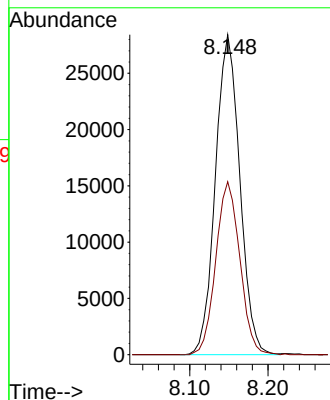
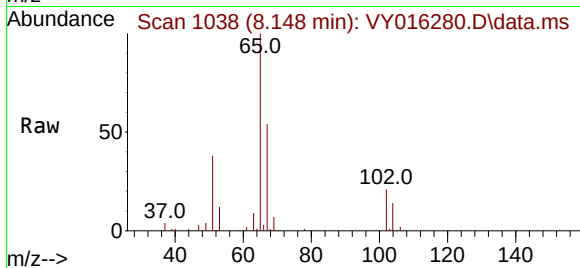
SB-6

Tgt Ion: 65 Resp: 61645

Ion Ratio Lower Upper

65 100

67 53.2 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: VY016280.D

Acq: 09 Nov 2023 14:36

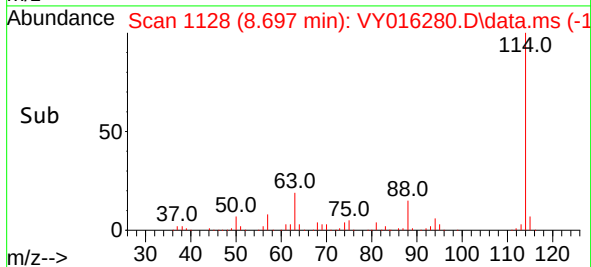
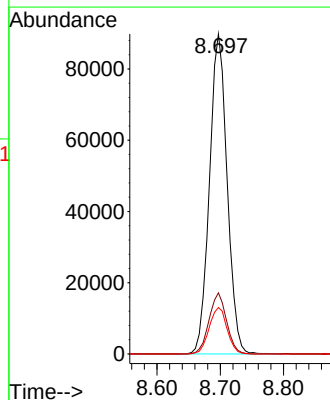
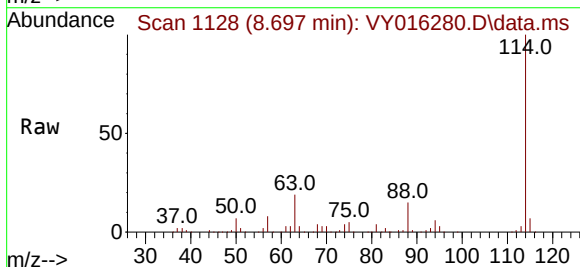
Tgt Ion: 114 Resp: 174398

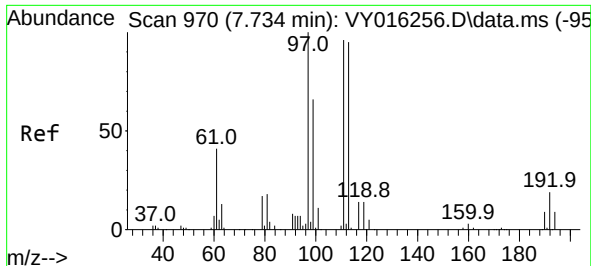
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.056 ug/l

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY016280.D

Acq: 09 Nov 2023 14:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-6

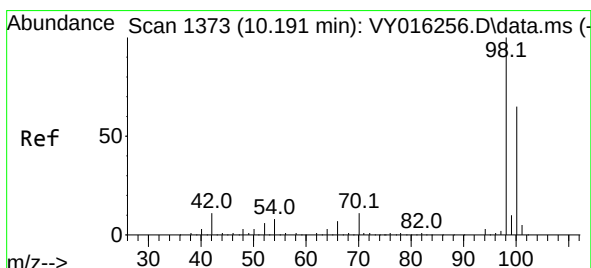
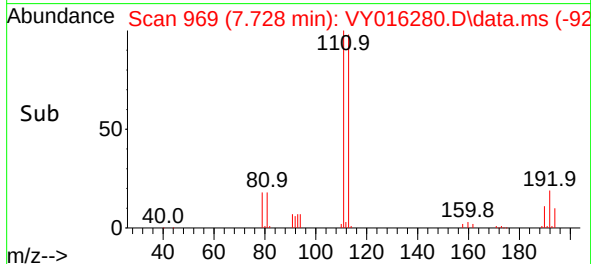
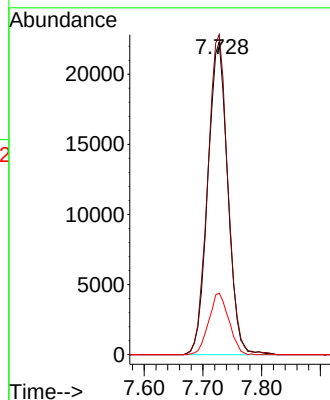
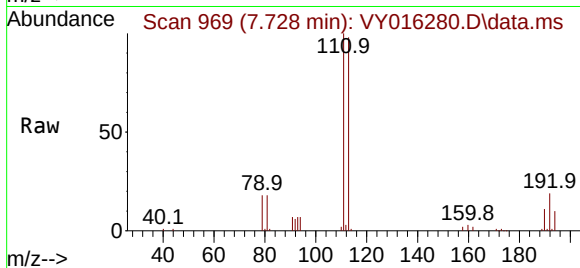
Tgt Ion:113 Resp: 52562

Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 19.8 16.9 25.3



#50

Toluene-d8

Concen: 51.261 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016280.D

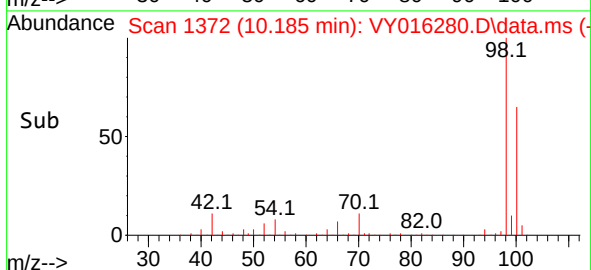
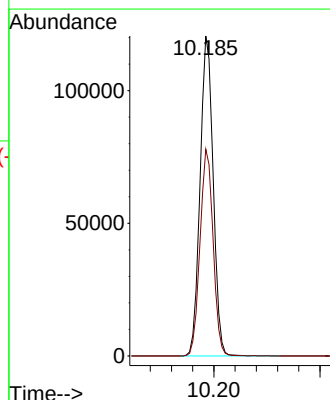
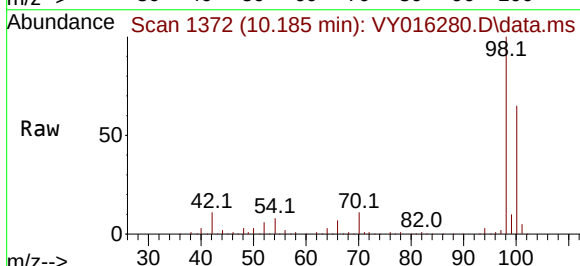
Acq: 09 Nov 2023 14:36

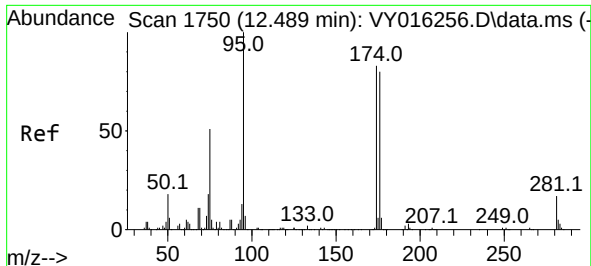
Tgt Ion: 98 Resp: 205939

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1

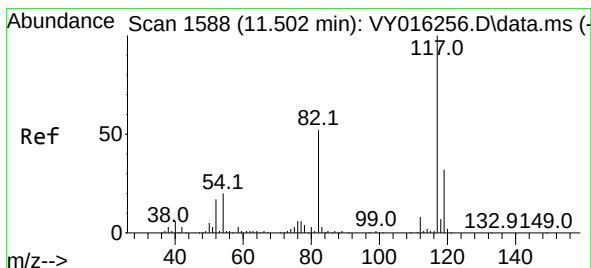
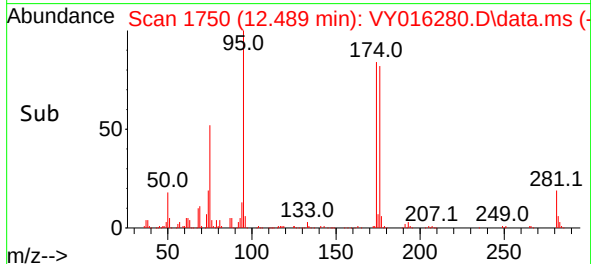
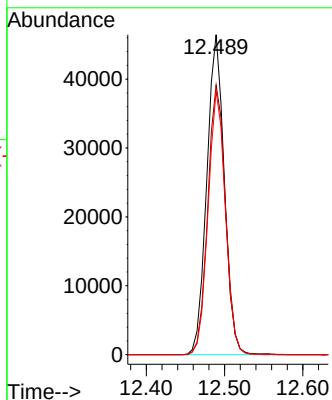
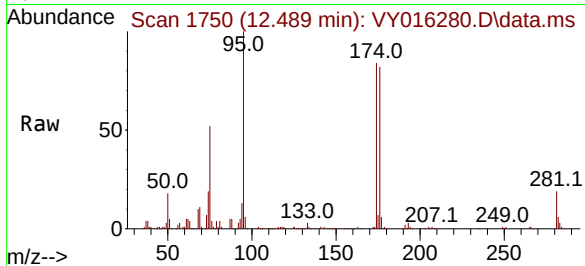




#62
4-Bromofluorobenzene
Concen: 55.222 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

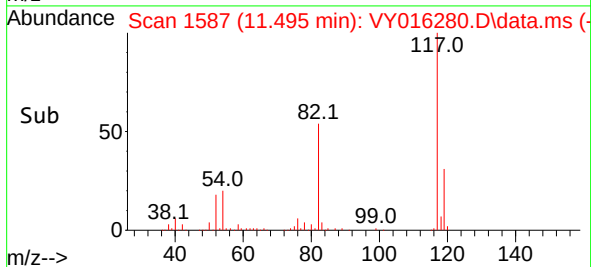
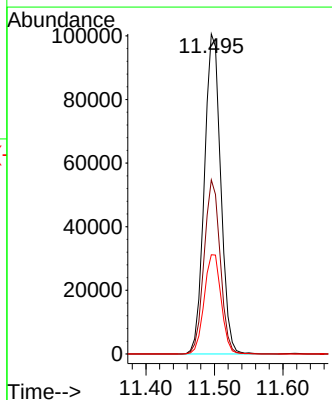
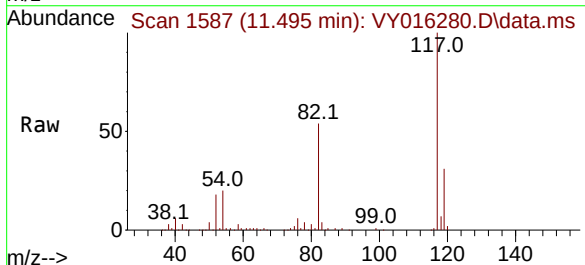
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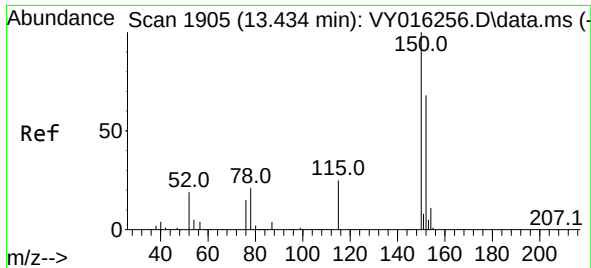
Tgt Ion: 95 Resp: 72054
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 81.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

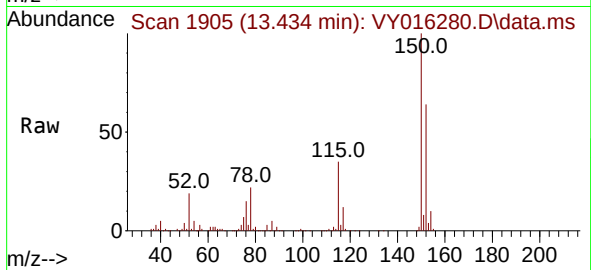
Tgt Ion: 117 Resp: 167008
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016280.D
 Acq: 09 Nov 2023 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.8	86.5
150	156.1	0.0	348.8

