

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016490.D
 Acq On : 24 Nov 2023 17:26
 Operator : SY/MD
 Sample : 05434-06
 Misc : 5.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Nov 27 04:48:17 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)

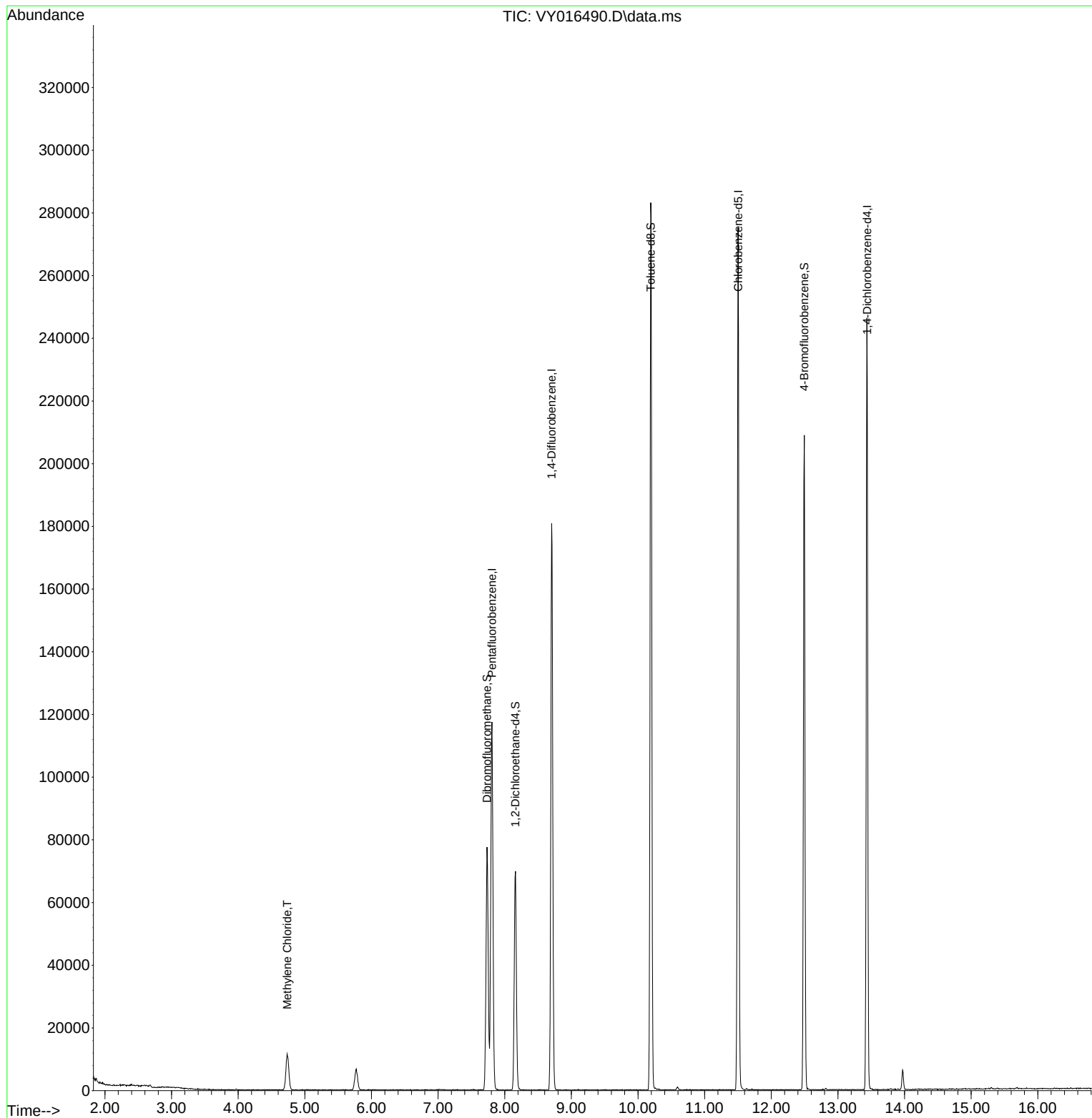
Internal Standards						
1) Pentafluorobenzene	7.807	168	94922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	168583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	162851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	68187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56151	64.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.440%	
35) Dibromofluoromethane	7.734	113	55628	58.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.180%	
50) Toluene-d8	10.191	98	197194	50.777	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.496	95	65847	52.206	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.420%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.735	84	9427	6.254	ug/l	# 79

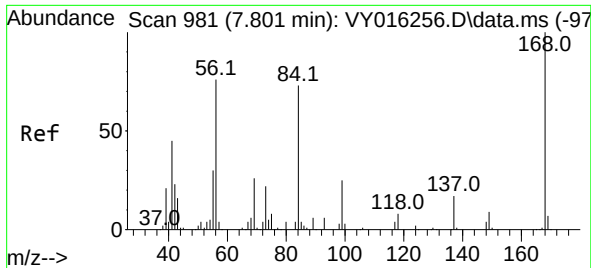
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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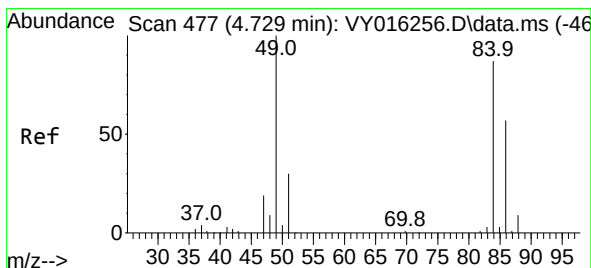
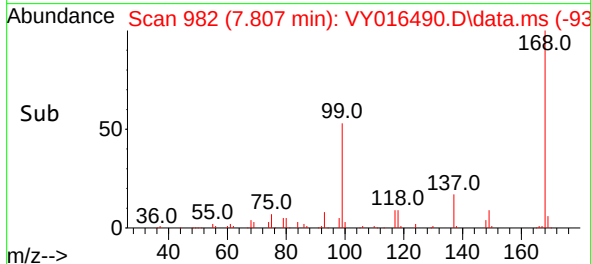
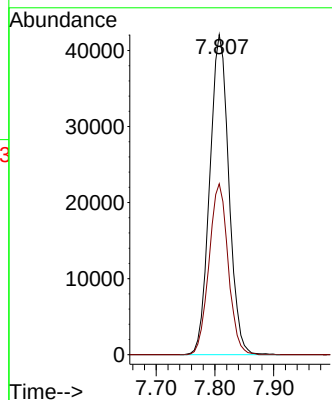
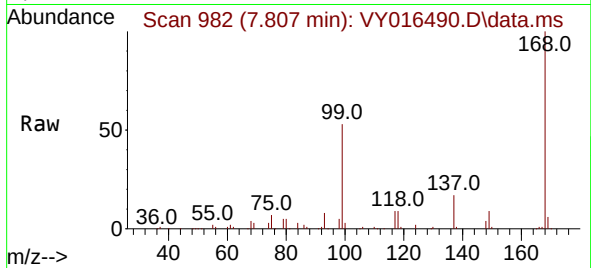




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

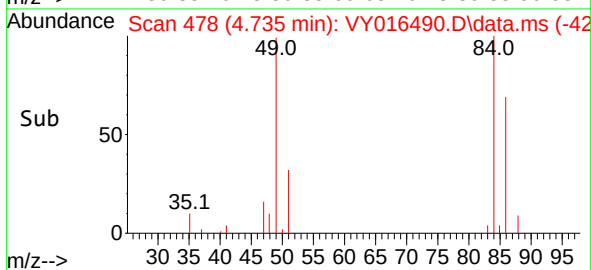
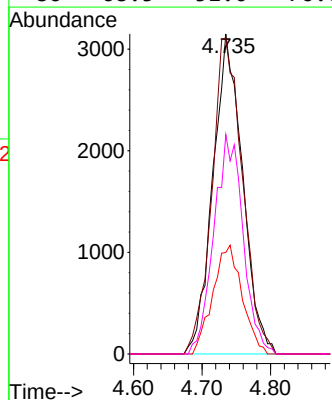
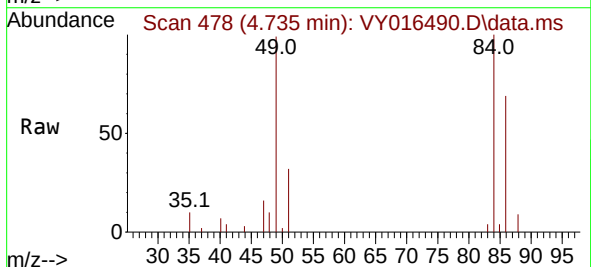
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

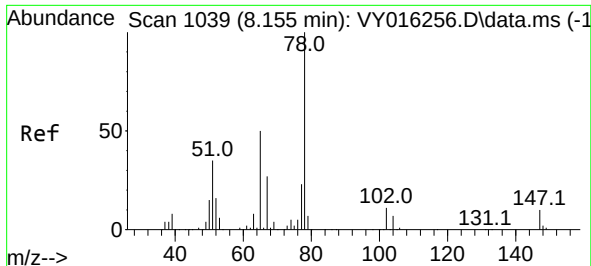
Tgt Ion:168 Resp: 94922
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#20
Methylene Chloride
Concen: 6.254 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

Tgt Ion: 84 Resp: 9427
Ion Ratio Lower Upper
84 100
49 98.9 106.9 160.3#
51 31.7 33.2 49.8#
86 68.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 64.724 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016490.D

Acq: 24 Nov 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :

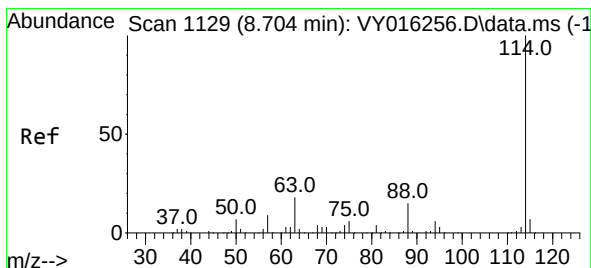
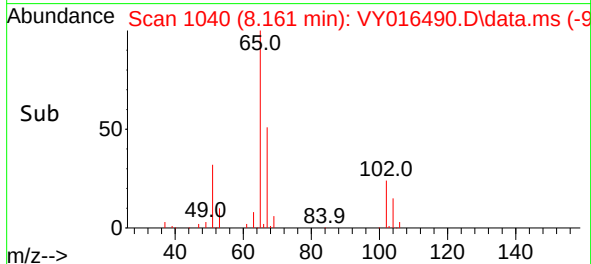
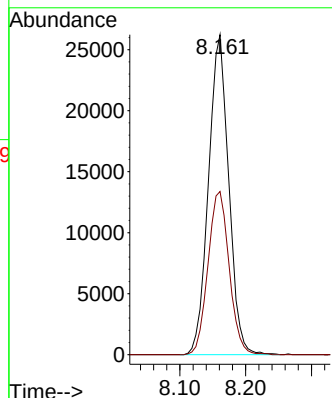
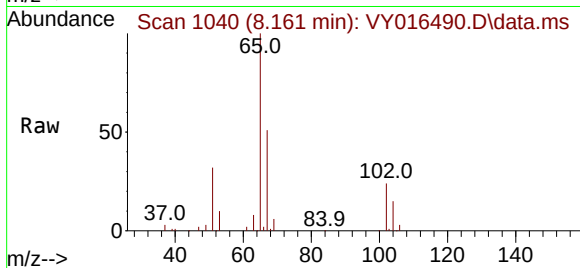
COMP-3

Tgt Ion: 65 Resp: 56151

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016490.D

Acq: 24 Nov 2023 17:26

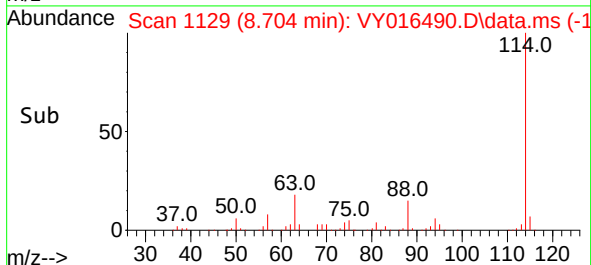
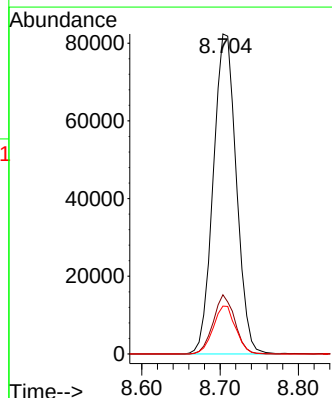
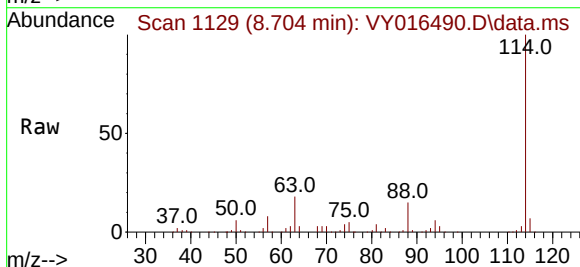
Tgt Ion: 114 Resp: 168583

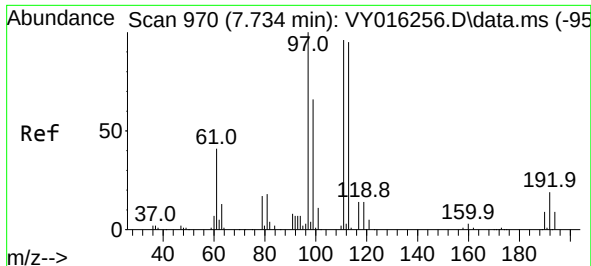
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.0 0.0 30.6

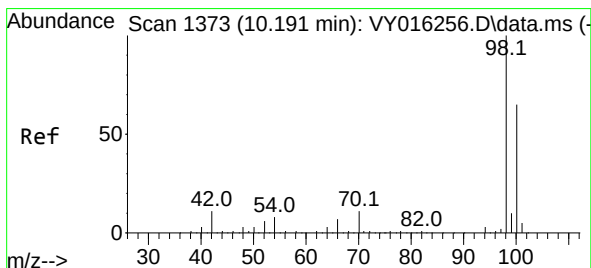
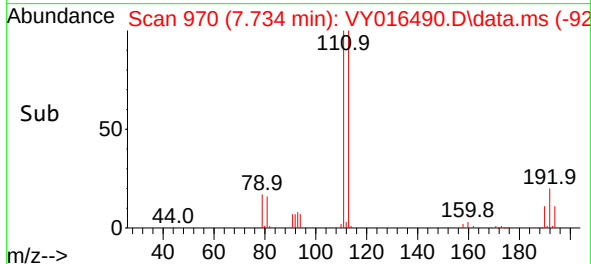
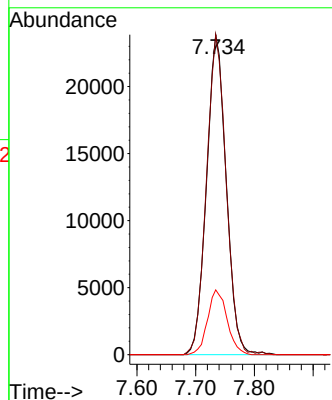
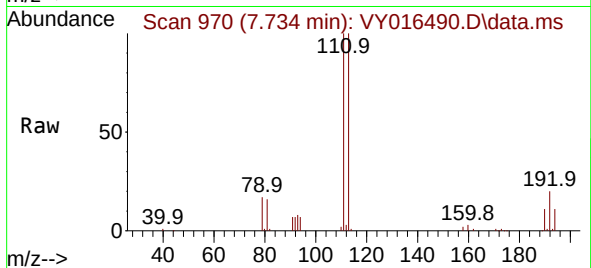




#35
Dibromofluoromethane
Concen: 58.088 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

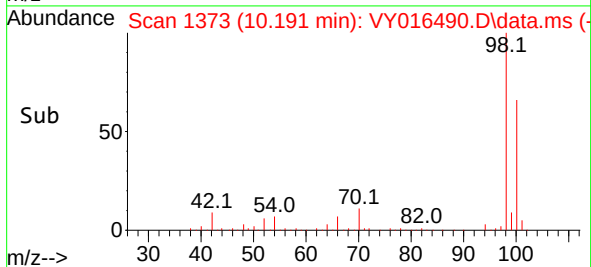
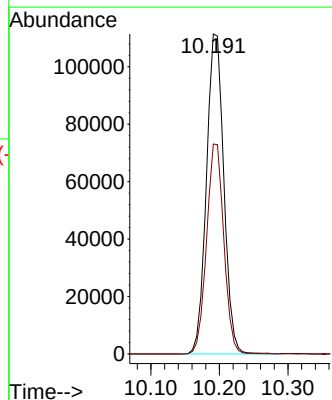
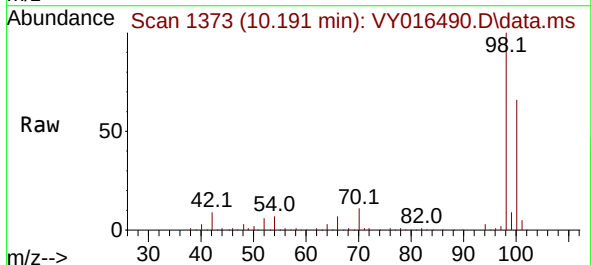
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

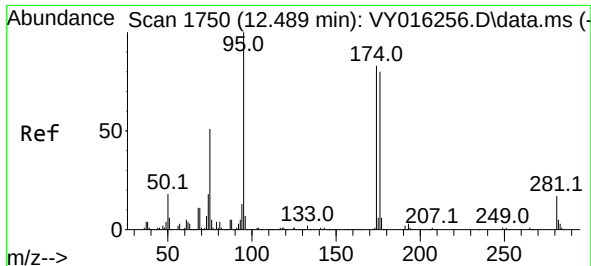
Tgt Ion:113 Resp: 55628
Ion Ratio Lower Upper
113 100
111 100.0 81.3 121.9
192 20.1 16.9 25.3



#50
Toluene-d8
Concen: 50.777 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

Tgt Ion: 98 Resp: 197194
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

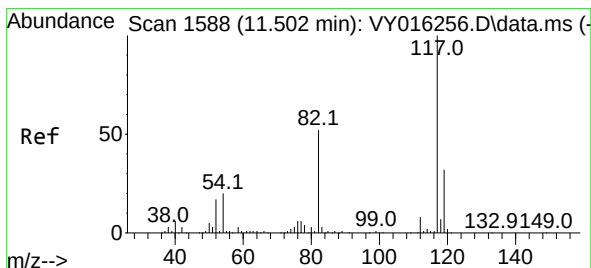
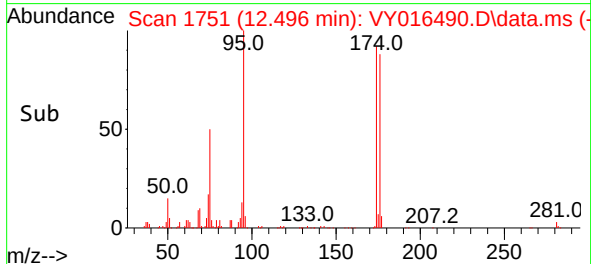
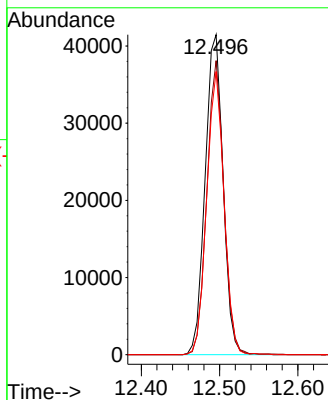
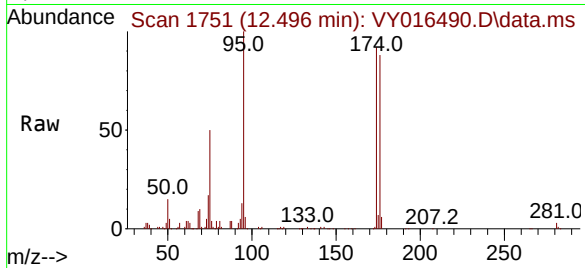




#62
4-Bromofluorobenzene
Concen: 52.206 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

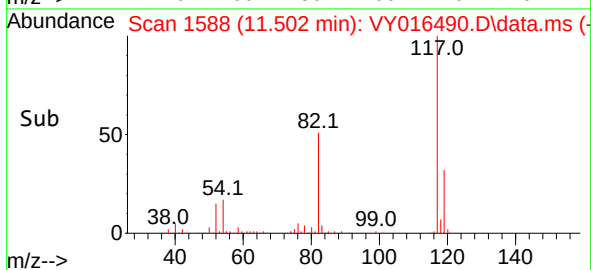
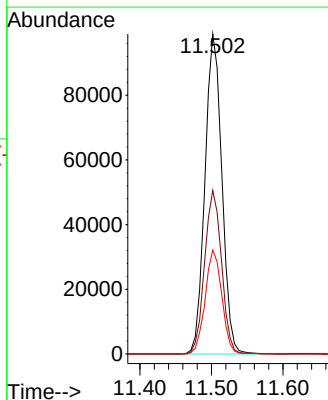
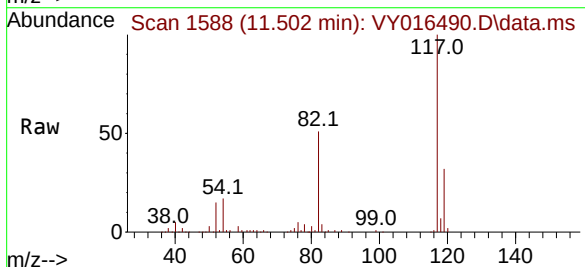
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

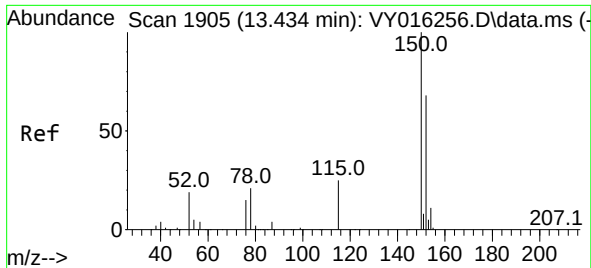
Tgt Ion: 95 Resp: 65847
Ion Ratio Lower Upper
95 100
174 87.5 0.0 178.2
176 85.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

Tgt Ion: 117 Resp: 162851
Ion Ratio Lower Upper
117 100
82 51.1 43.4 65.0
119 32.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016490.D

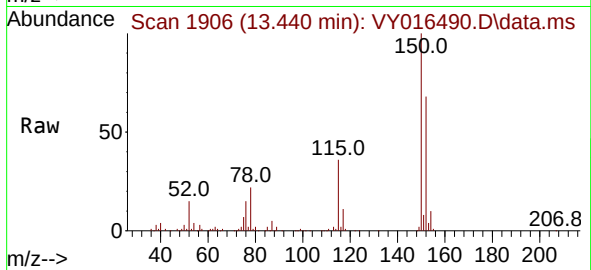
Acq: 24 Nov 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3



Tgt Ion:152 Resp: 68187

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 155.8 0.0 348.8

