

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
 Data File : VY016422.D
 Acq On : 20 Nov 2023 13:21
 Operator : SY/MD
 Sample : VY1120SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBL01

Quant Time: Nov 21 05:11:40 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)

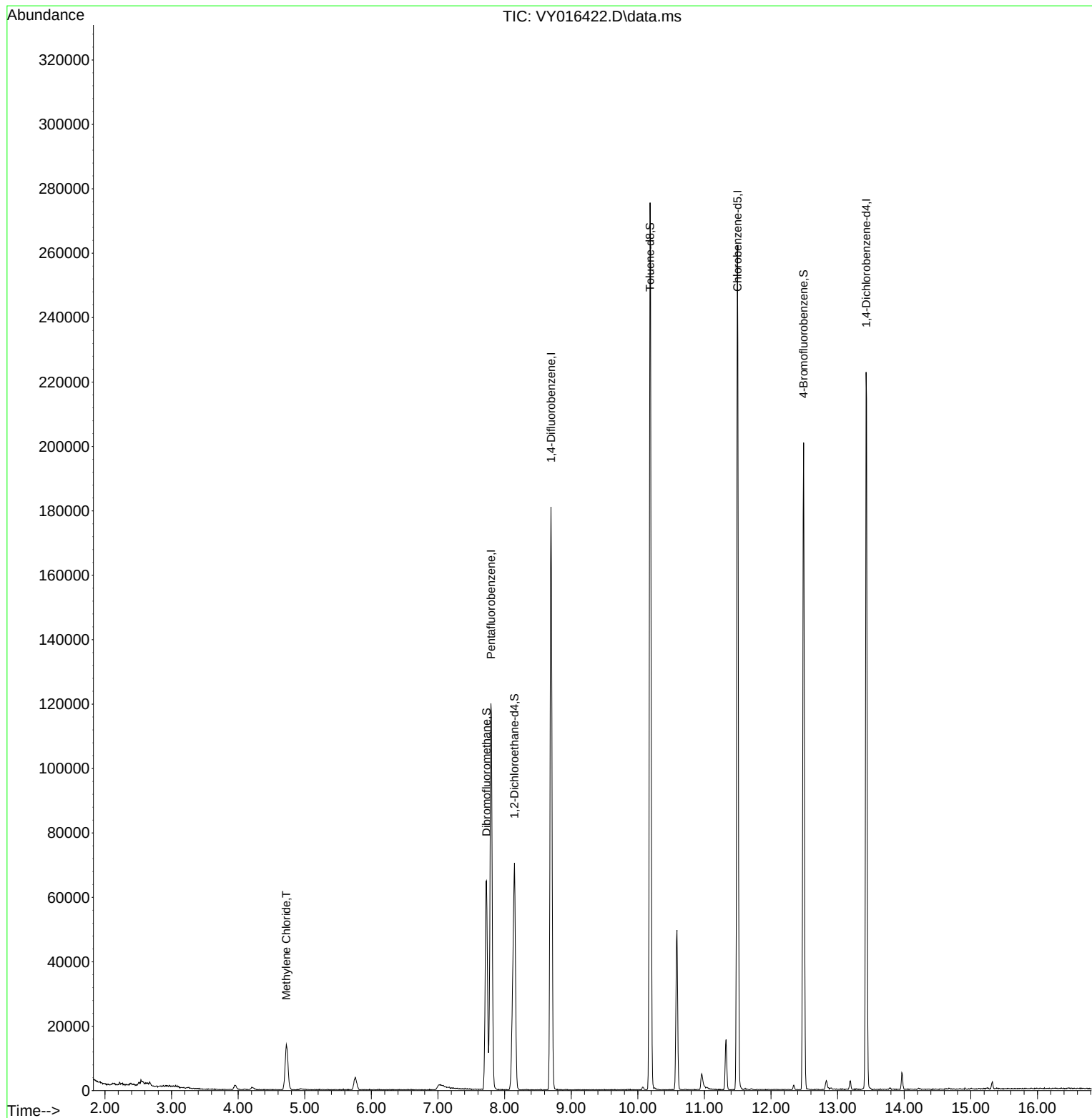
Internal Standards						
1) Pentafluorobenzene	7.795	168	95238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	160842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	146805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	46310	53.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.400%	
35) Dibromofluoromethane	7.728	113	47787	52.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.600%	
50) Toluene-d8	10.185	98	186611	50.365	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	12.489	95	56801	47.201	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.400%	
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	11030	7.914	ug/l	# 89

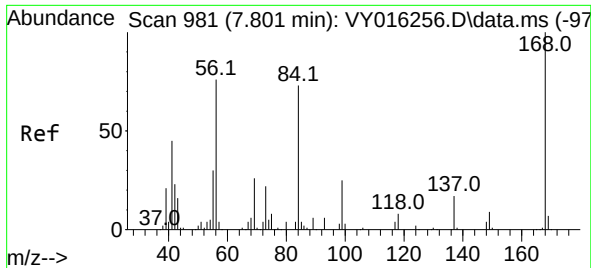
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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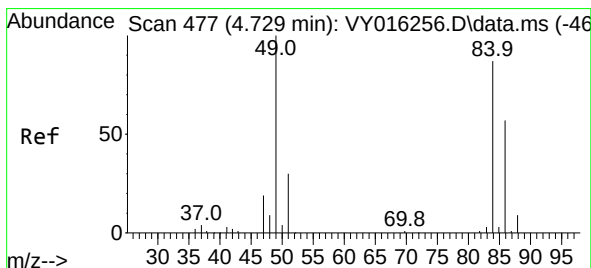
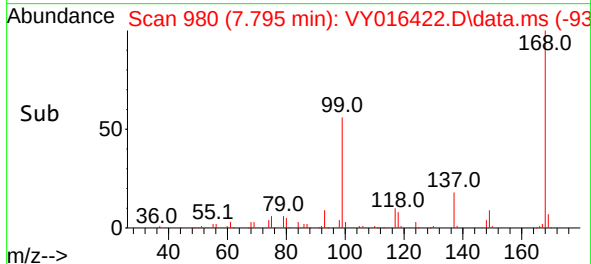
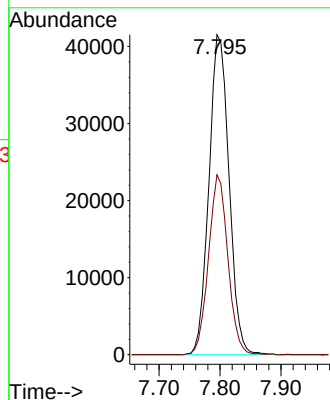
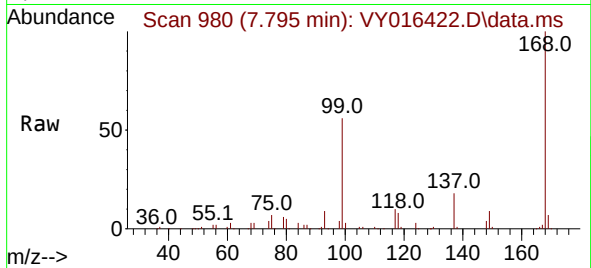




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016422.D
Acq: 20 Nov 2023 13:21

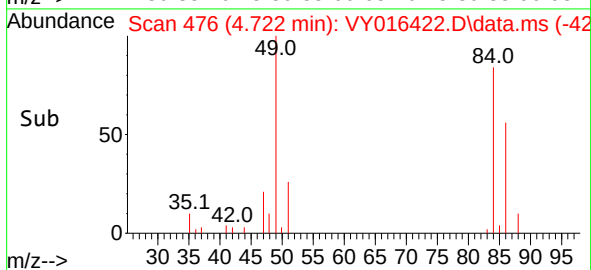
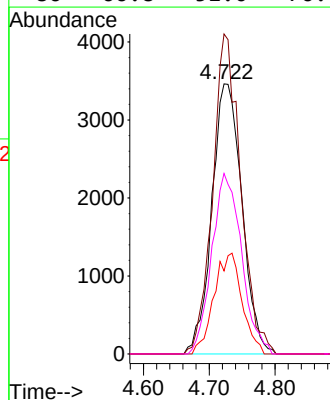
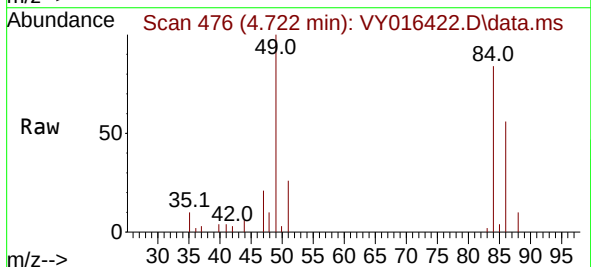
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBL01

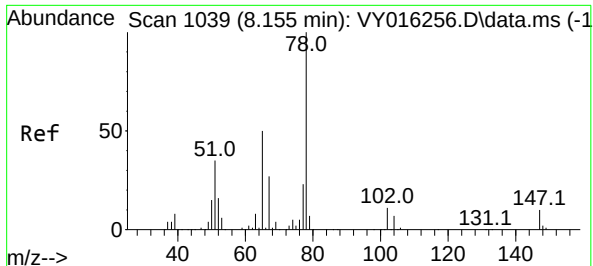
Tgt Ion:168 Resp: 95238
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#20
Methylene Chloride
Concen: 7.914 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016422.D
Acq: 20 Nov 2023 13:21

Tgt Ion: 84 Resp: 11030
Ion Ratio Lower Upper
84 100
49 118.5 106.9 160.3
51 30.8 33.2 49.8#
86 66.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.203 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016422.D

Acq: 20 Nov 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

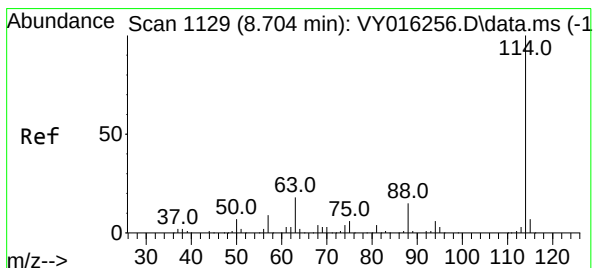
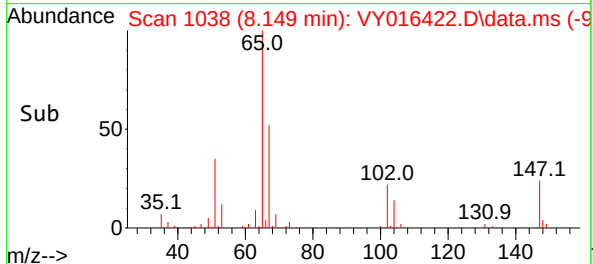
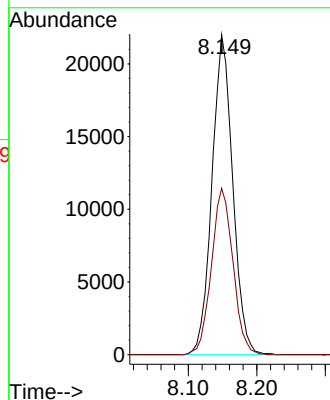
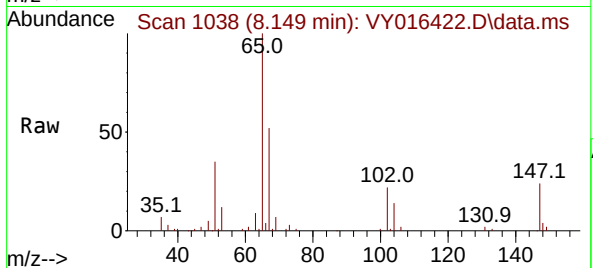
VY1120SBL01

Tgt Ion: 65 Resp: 46310

Ion Ratio Lower Upper

65 100

67 54.0 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: VY016422.D

Acq: 20 Nov 2023 13:21

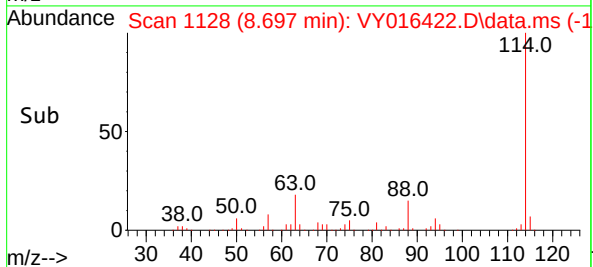
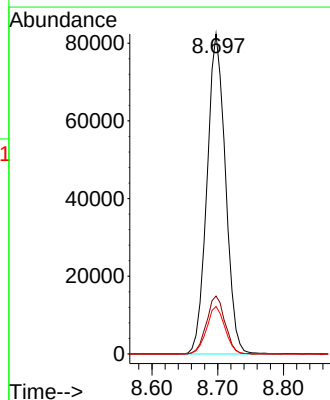
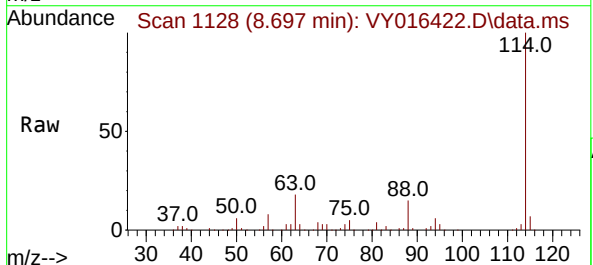
Tgt Ion: 114 Resp: 160842

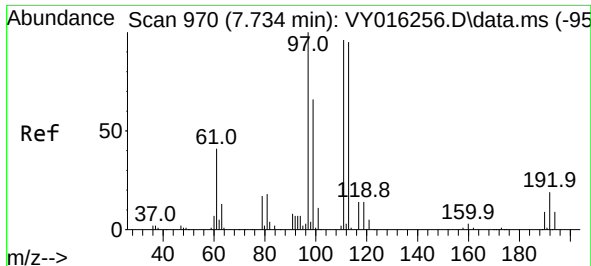
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

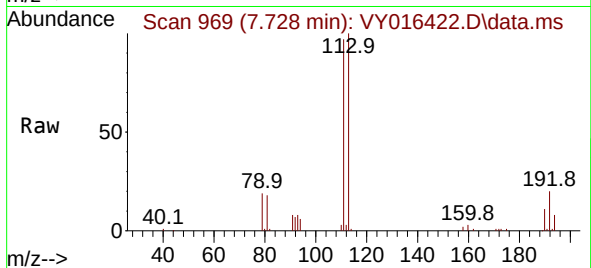
88 14.9 0.0 30.6



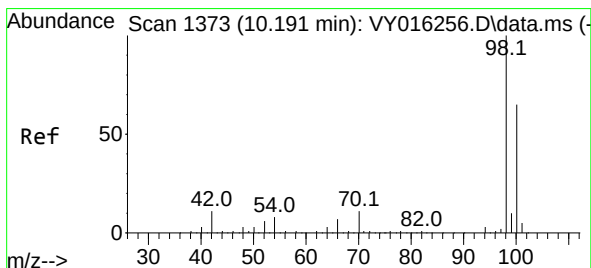
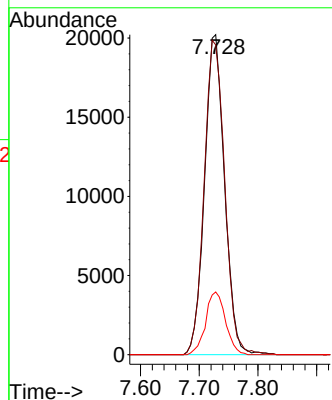
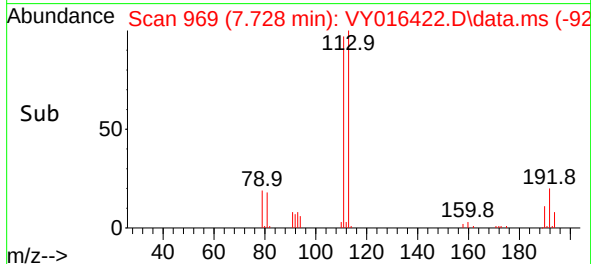


#35
Dibromofluoromethane
Concen: 52.301 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016422.D
Acq: 20 Nov 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBL01

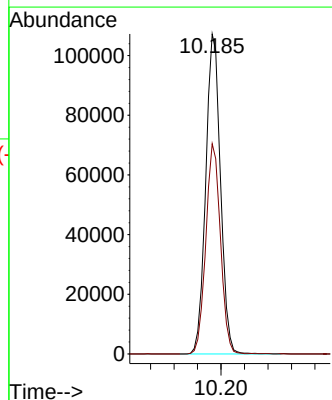
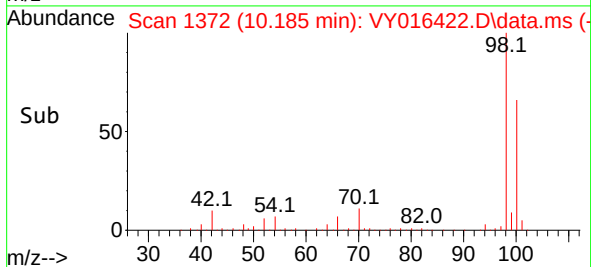
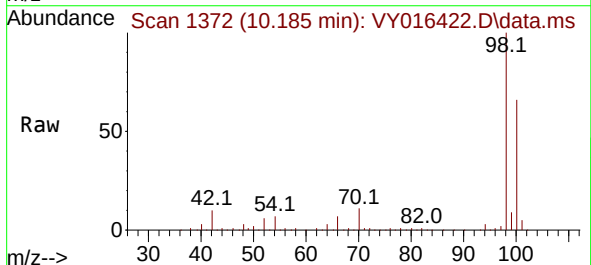


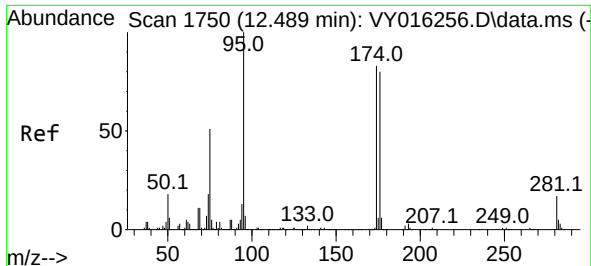
Tgt Ion:113 Resp: 47787
Ion Ratio Lower Upper
113 100
111 101.0 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 50.365 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016422.D
Acq: 20 Nov 2023 13:21

Tgt Ion: 98 Resp: 186611
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

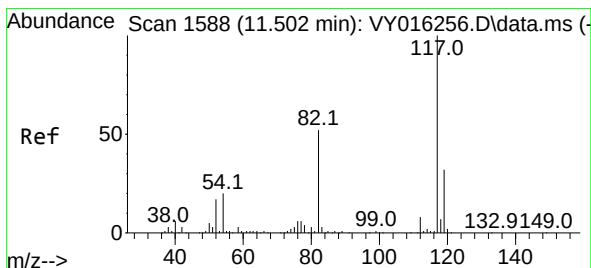
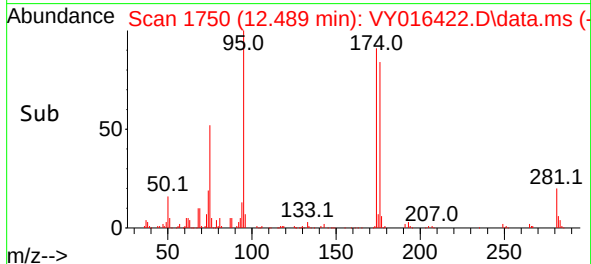
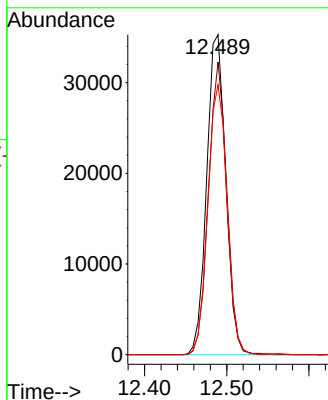
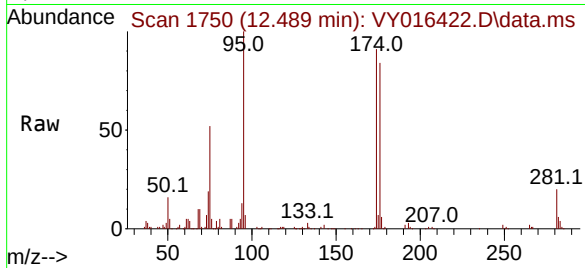




#62
4-Bromofluorobenzene
Concen: 47.201 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016422.D
Acq: 20 Nov 2023 13:21

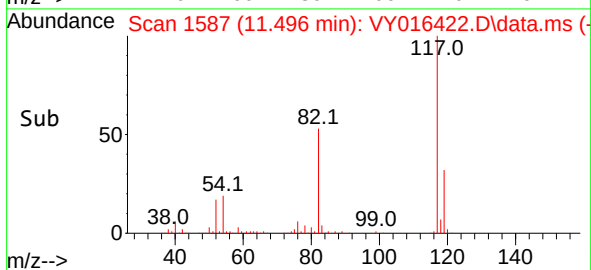
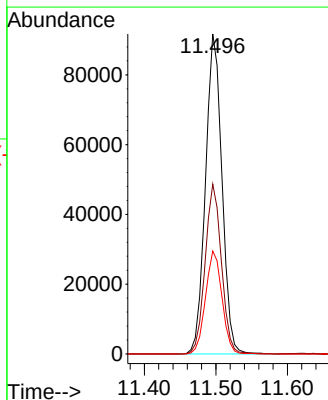
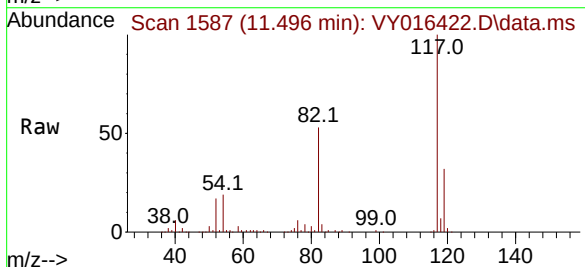
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBL01

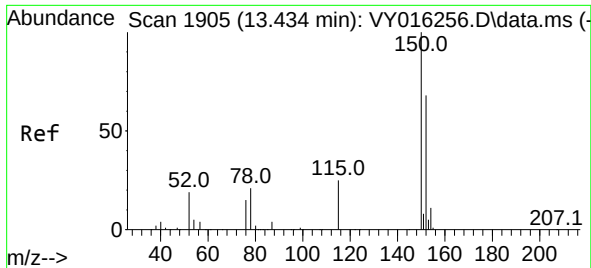
Tgt Ion: 95 Resp: 56801
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.2
176 84.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016422.D
Acq: 20 Nov 2023 13:21

Tgt Ion: 117 Resp: 146805
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.2 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: VY016422.D

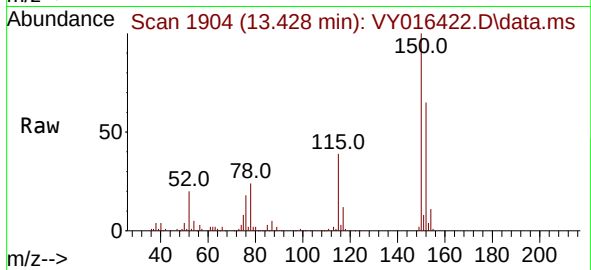
Acq: 20 Nov 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBL01



Tgt Ion:152 Resp: 59837

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 155.4 0.0 348.8

