

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016261.D
 Acq On : 08 Nov 2023 13:16
 Operator : SY/MD
 Sample : VY1108SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBL01

Quant Time: Nov 09 00:57:56 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)

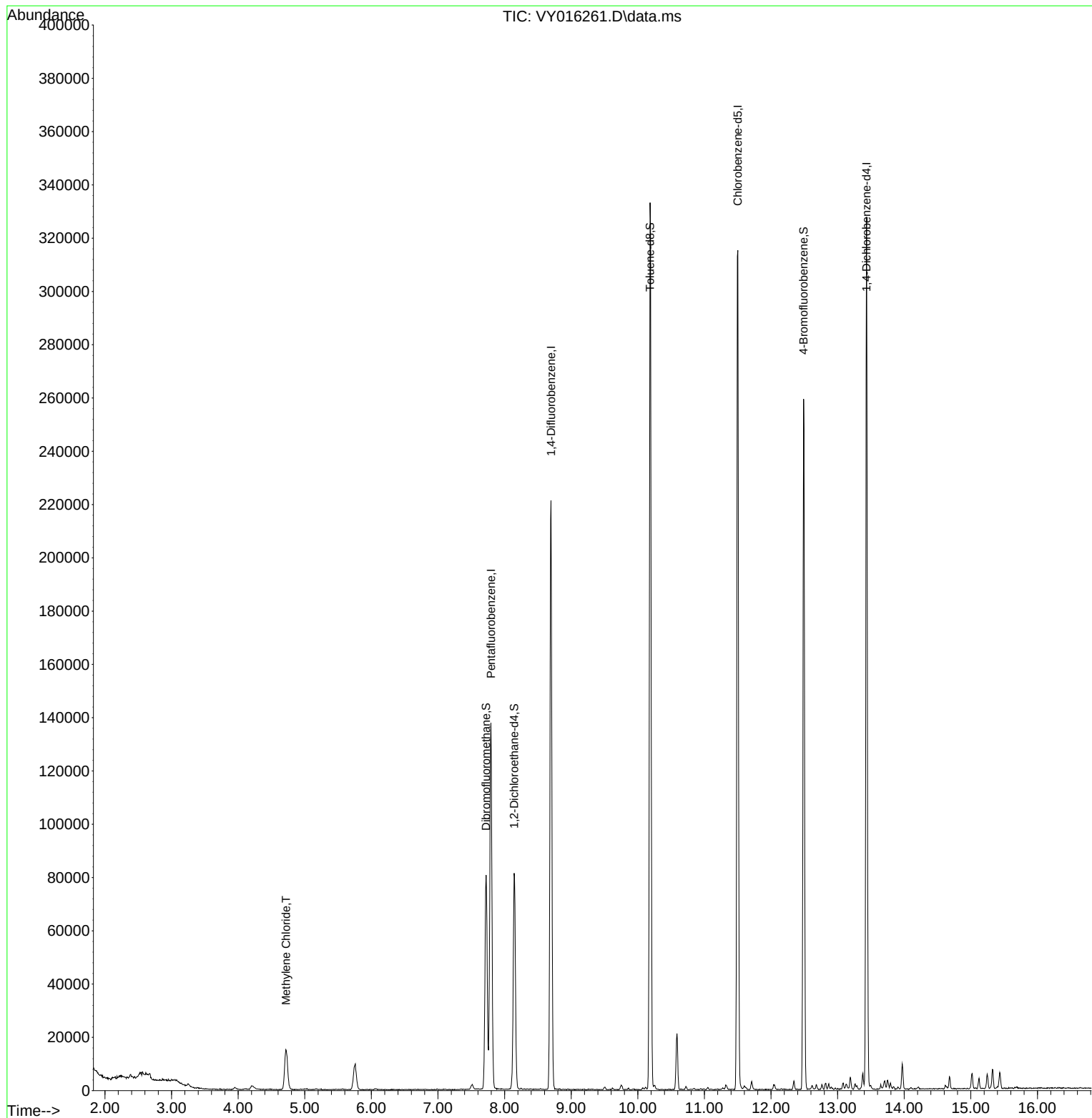
Internal Standards						
1) Pentafluorobenzene	7.795	168	107983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	180986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	63503	64.344	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.680%	
35) Dibromofluoromethane	7.722	113	57236	52.589	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.180%	
50) Toluene-d8	10.185	98	225974	51.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	12.489	95	78423	54.709	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.420%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	12222	7.650	ug/l	85

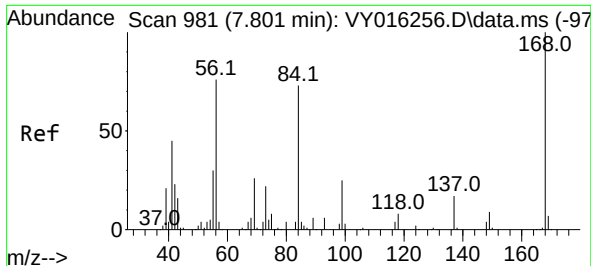
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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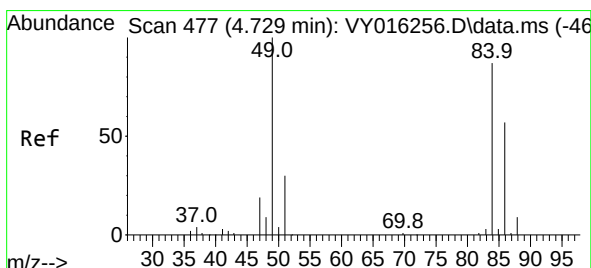
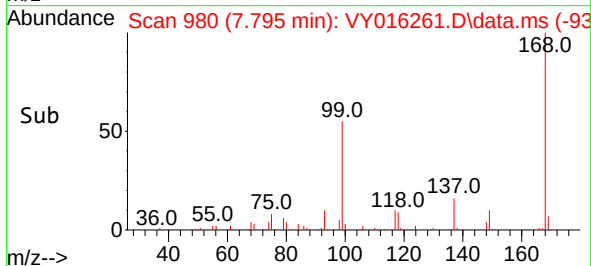
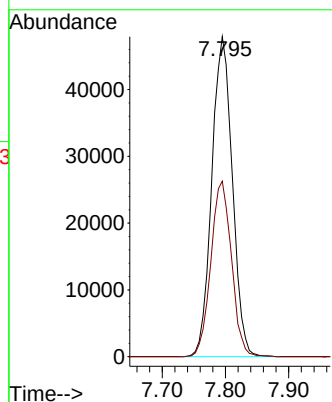
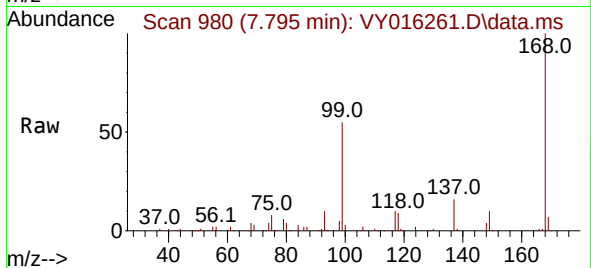




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016261.D
Acq: 08 Nov 2023 13:16

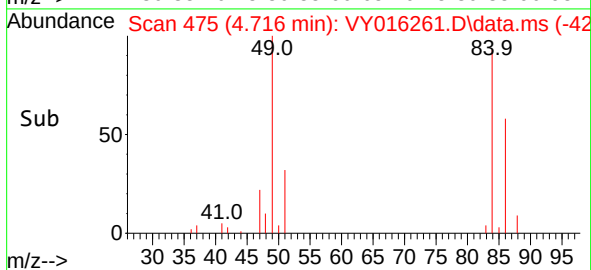
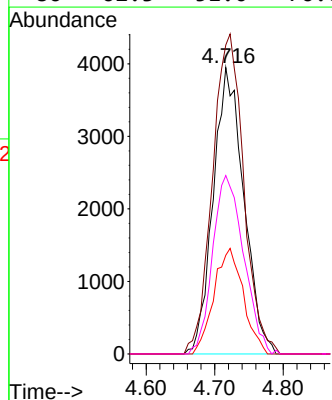
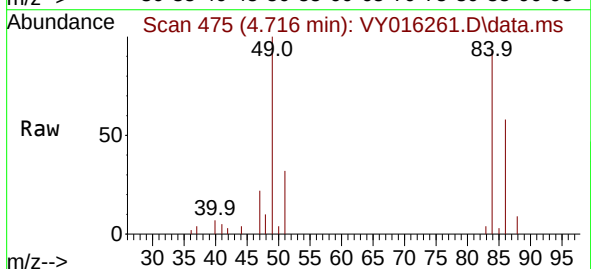
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBL01

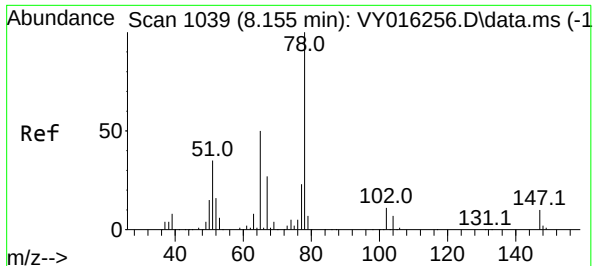
Tgt Ion:168 Resp: 107983
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#20
Methylene Chloride
Concen: 7.650 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016261.D
Acq: 08 Nov 2023 13:16

Tgt Ion: 84 Resp: 12222
Ion Ratio Lower Upper
84 100
49 107.9 106.9 160.3
51 34.5 33.2 49.8
86 62.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 64.344 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY016261.D

Acq: 08 Nov 2023 13:16

Instrument :

MSVOA_Y

ClientSampleId :

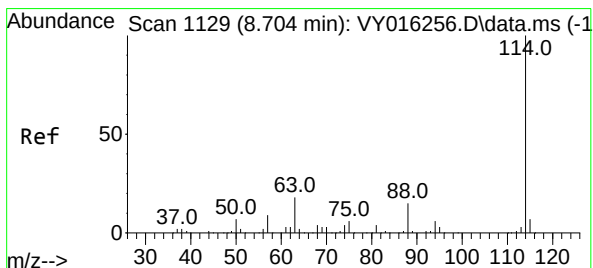
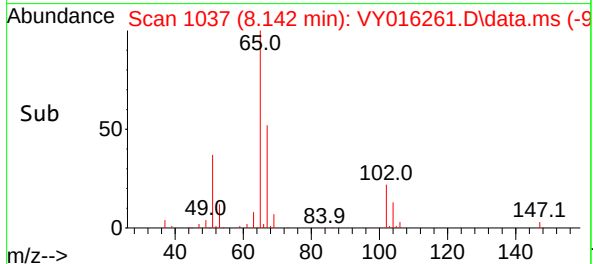
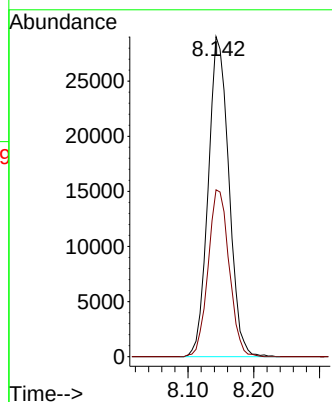
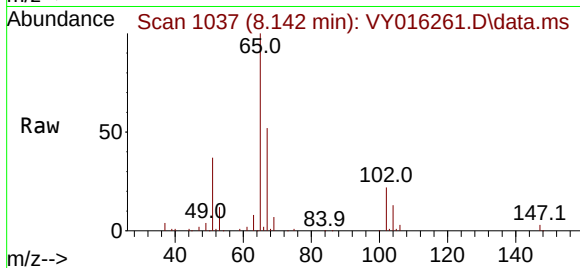
VY1108SBL01

Tgt Ion: 65 Resp: 63503

Ion Ratio Lower Upper

65 100

67 53.0 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: VY016261.D

Acq: 08 Nov 2023 13:16

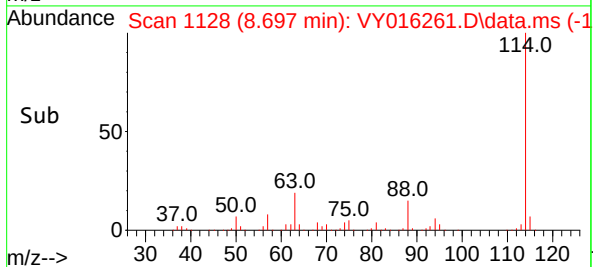
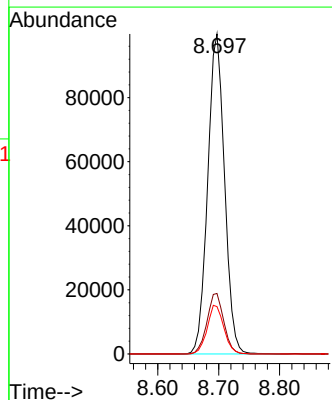
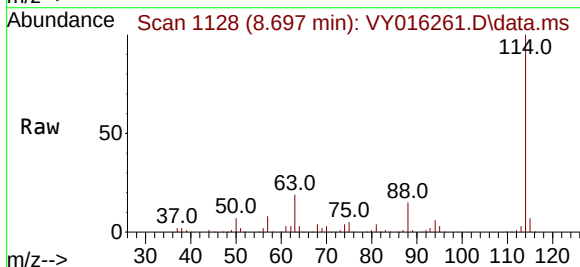
Tgt Ion: 114 Resp: 191591

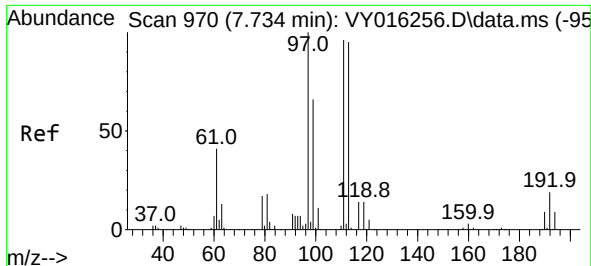
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.589 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY016261.D

Acq: 08 Nov 2023 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBL01

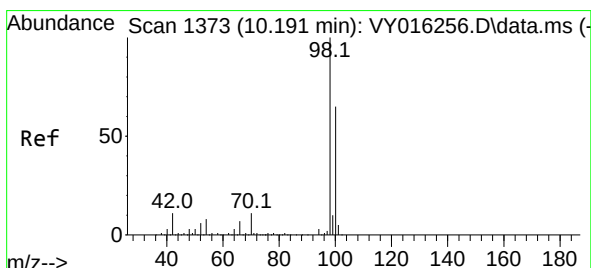
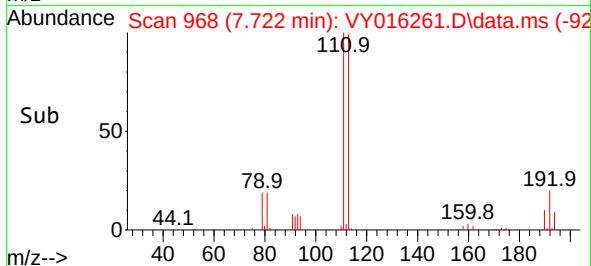
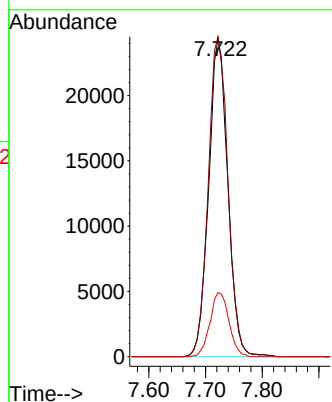
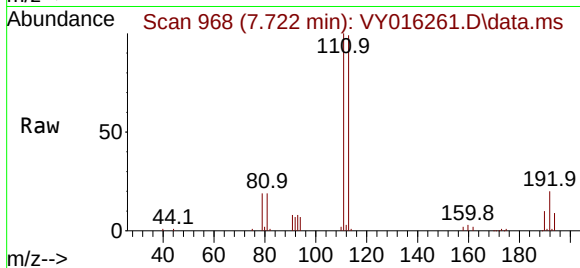
Tgt Ion:113 Resp: 57236

Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 19.9 16.9 25.3



#50

Toluene-d8

Concen: 51.200 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016261.D

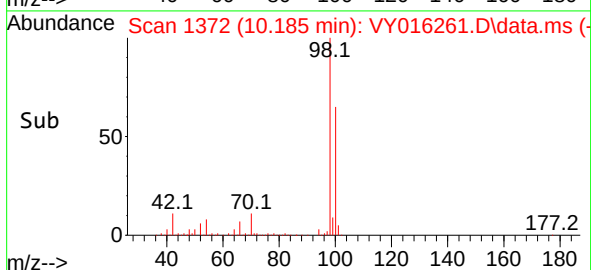
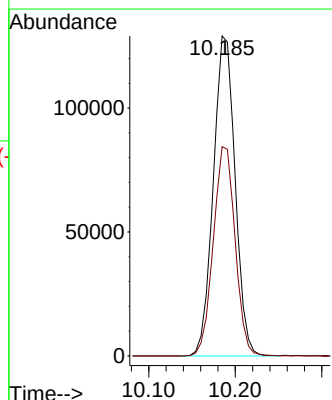
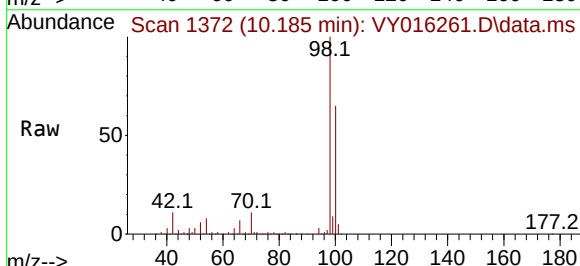
Acq: 08 Nov 2023 13:16

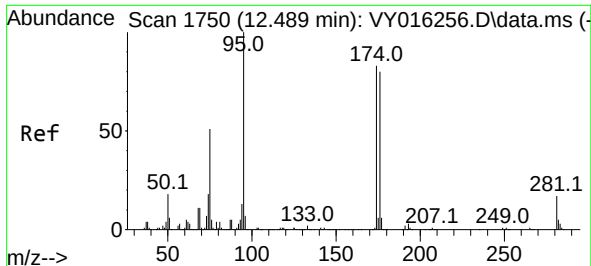
Tgt Ion: 98 Resp: 225974

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

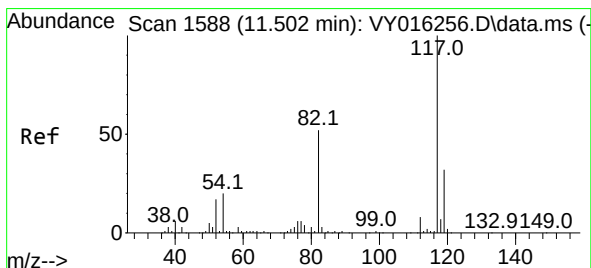
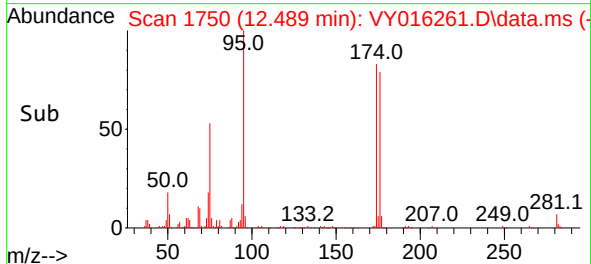
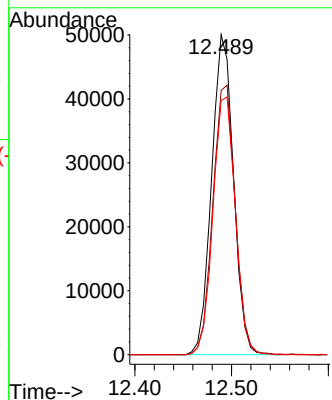
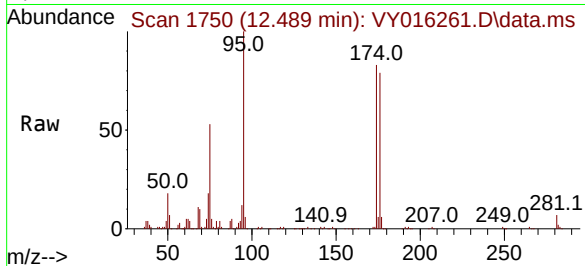




#62
4-Bromofluorobenzene
Concen: 54.709 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016261.D
Acq: 08 Nov 2023 13:16

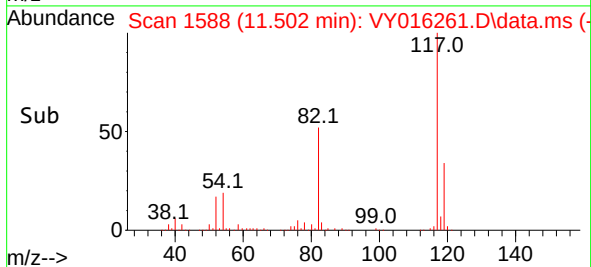
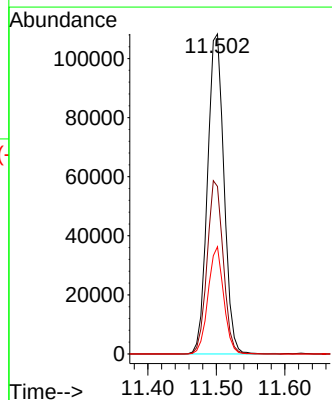
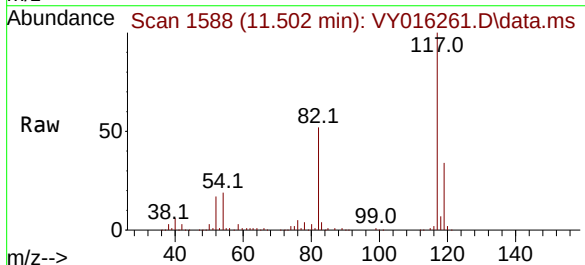
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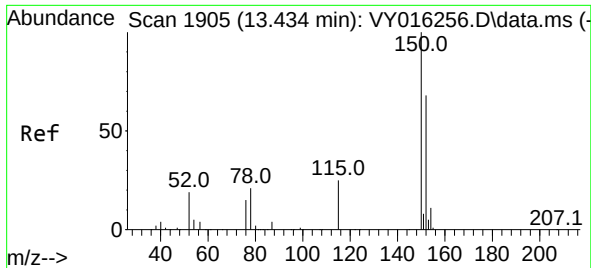
Tgt Ion: 95 Resp: 78423
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016261.D
Acq: 08 Nov 2023 13:16

Tgt Ion: 117 Resp: 180986
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 33.5 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: VY016261.D

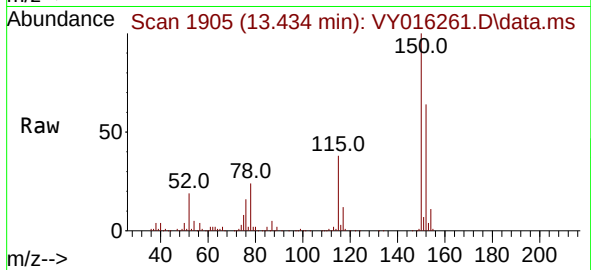
Acq: 08 Nov 2023 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBL01



Tgt Ion:152 Resp: 84402

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 155.0 0.0 348.8

