

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011442.D
 Acq On : 14 Nov 2022 16:10
 Operator : KP/MD
 Sample : N5554-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR251374

Quant Time: Nov 15 01:50:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

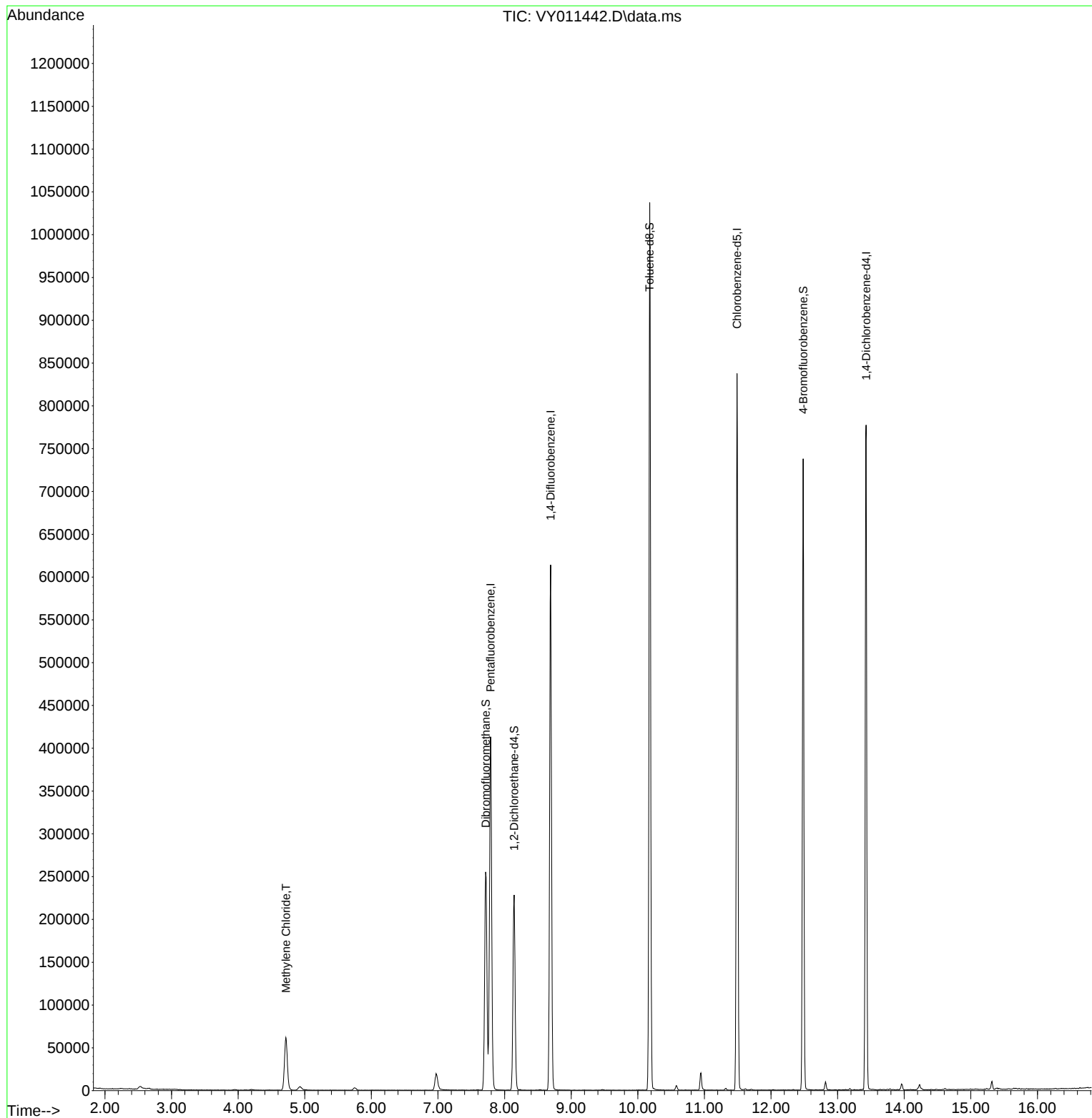
Internal Standards						
1) Pentafluorobenzene	7.789	168	335550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	552479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	485621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	216332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	176841	62.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.780%	
35) Dibromofluoromethane	7.716	113	186708	60.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.600%	
50) Toluene-d8	10.179	98	687022	58.082	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.160%	
62) 4-Bromofluorobenzene	12.483	95	223584	54.193	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.380%	
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	50876	6.025	ug/l	# 76

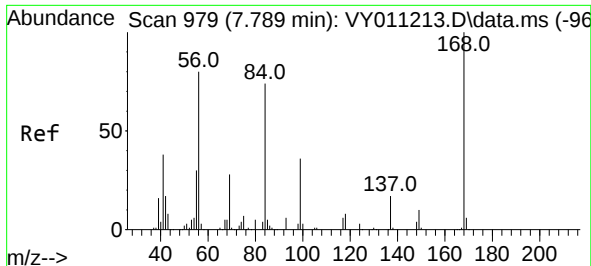
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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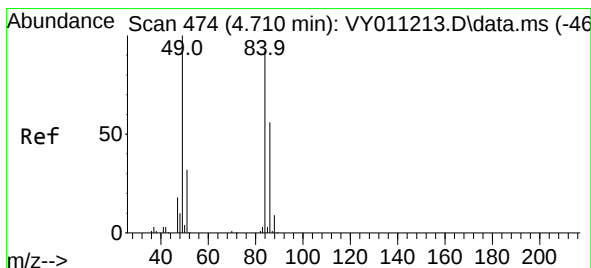
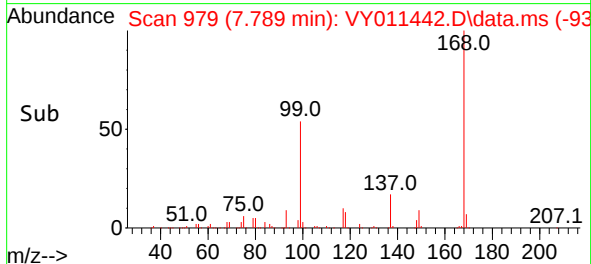
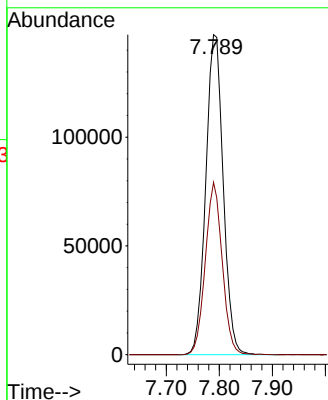
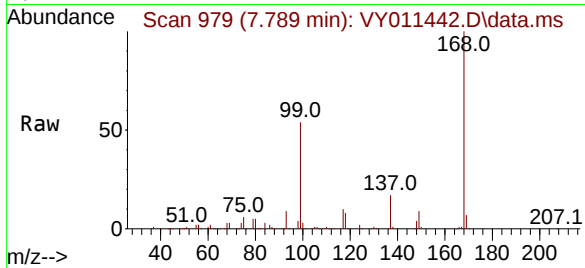




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

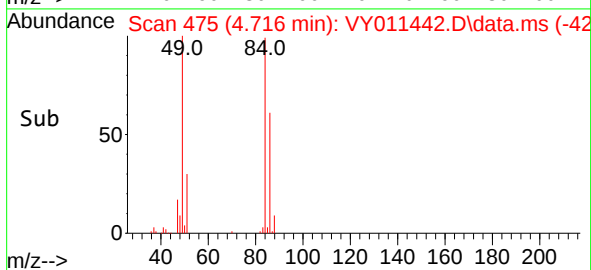
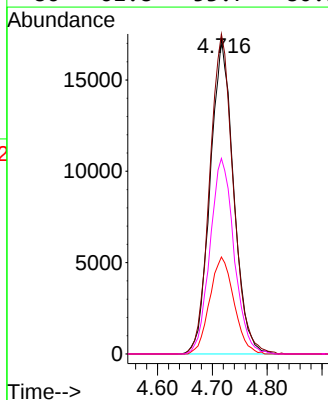
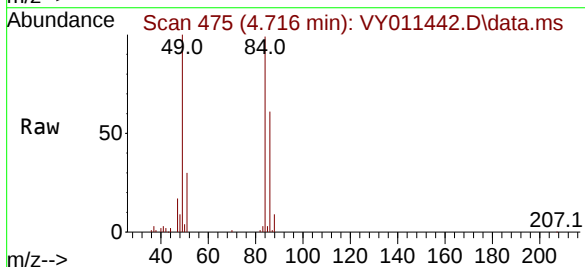
Instrument :
MSVOA_Y
ClientSampleId :
RBR251374

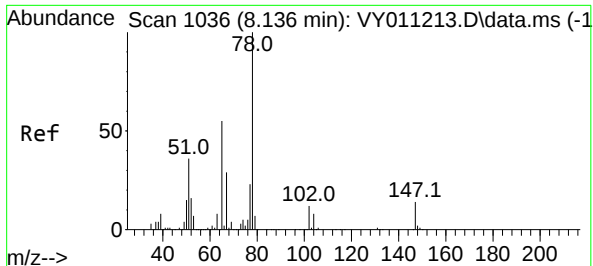
Tgt Ion:168 Resp: 335550
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#20
Methylene Chloride
Concen: 6.025 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

Tgt Ion: 84 Resp: 50876
Ion Ratio Lower Upper
84 100
49 101.1 114.4 171.6#
51 30.7 35.3 52.9#
86 61.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 62.892 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY011442.D

Acq: 14 Nov 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

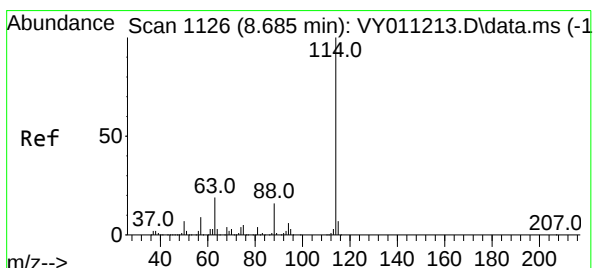
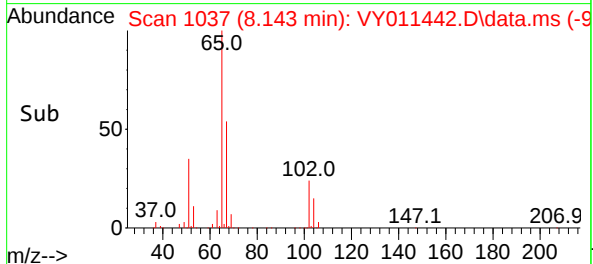
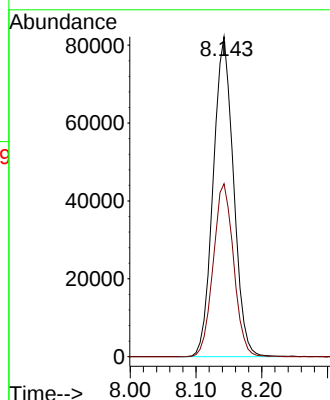
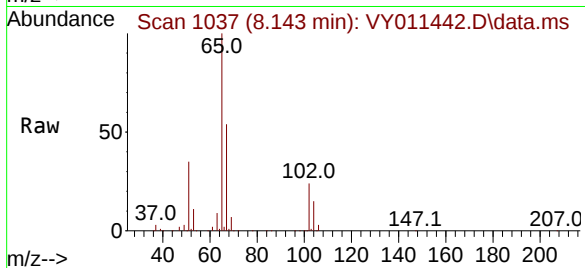
RBR251374

Tgt Ion: 65 Resp: 176841

Ion Ratio Lower Upper

65 100

67 54.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011442.D

Acq: 14 Nov 2022 16:10

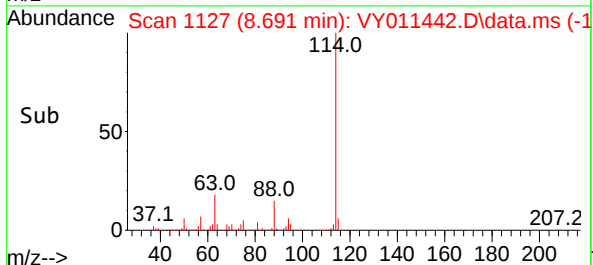
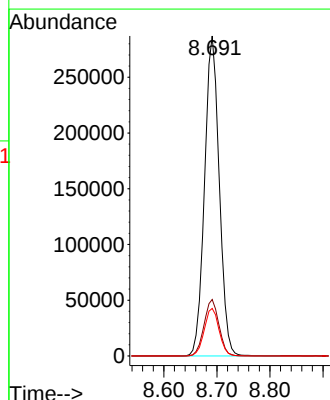
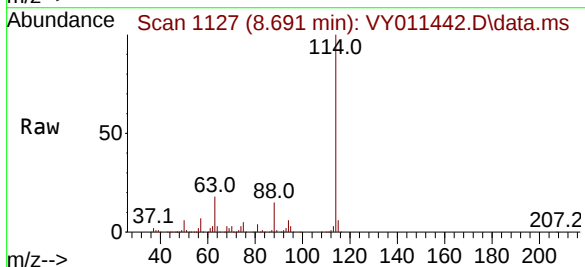
Tgt Ion: 114 Resp: 552479

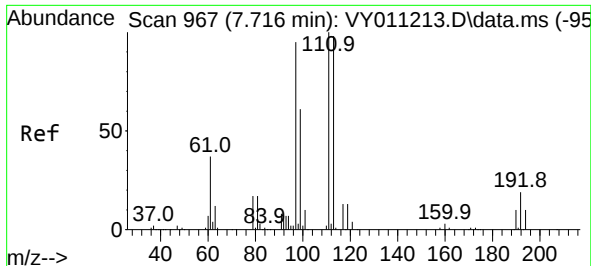
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.9 0.0 31.8

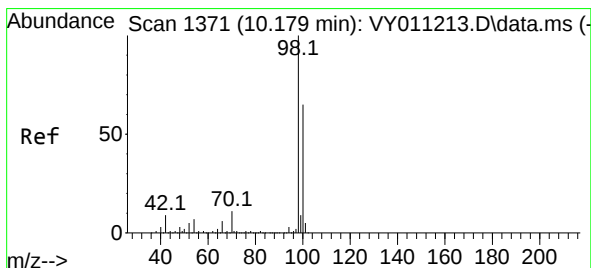
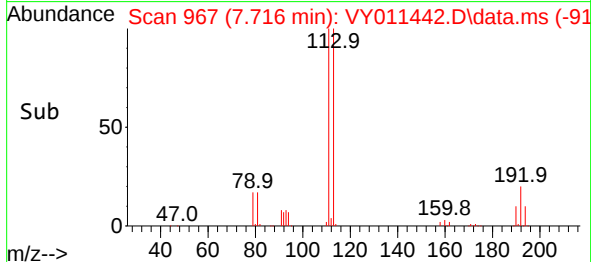
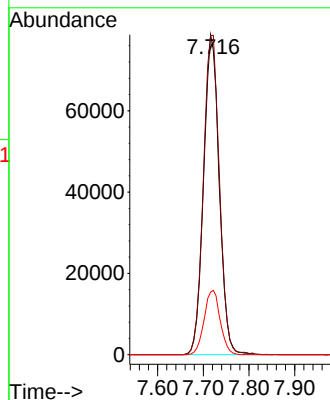
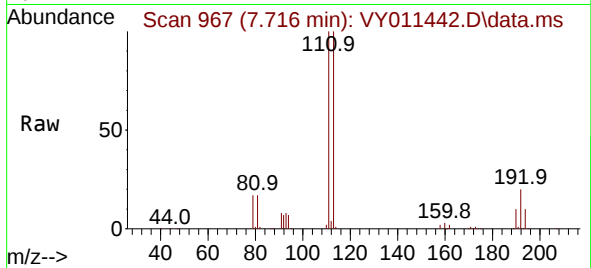




#35
Dibromofluoromethane
Concen: 60.302 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

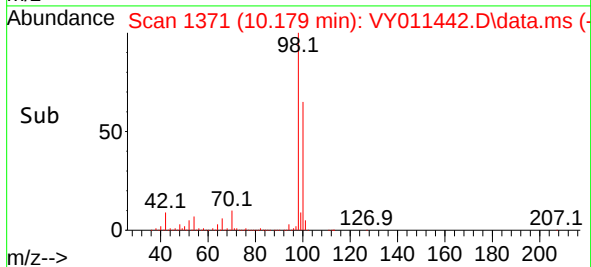
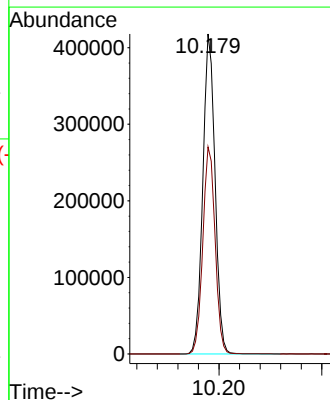
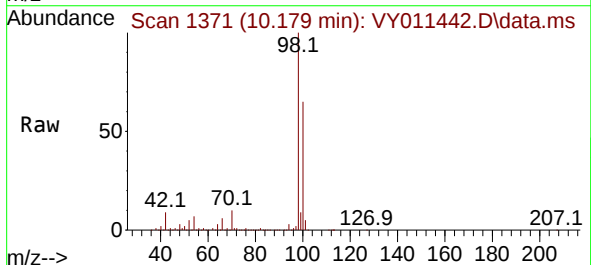
Instrument :
MSVOA_Y
ClientSampleId :
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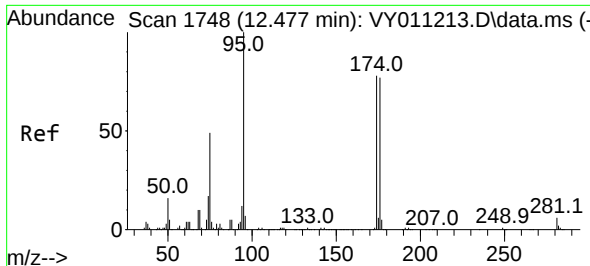
Tgt Ion:113 Resp: 186708
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.6 17.6 26.4



#50
Toluene-d8
Concen: 58.082 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

Tgt Ion: 98 Resp: 687022
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

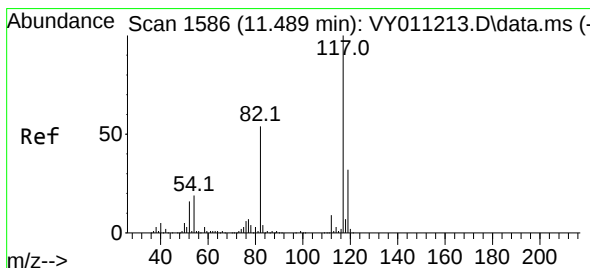
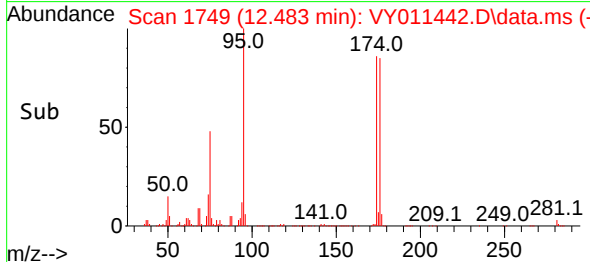
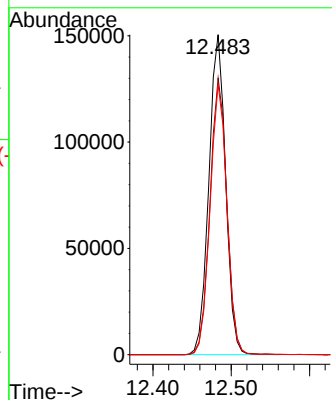
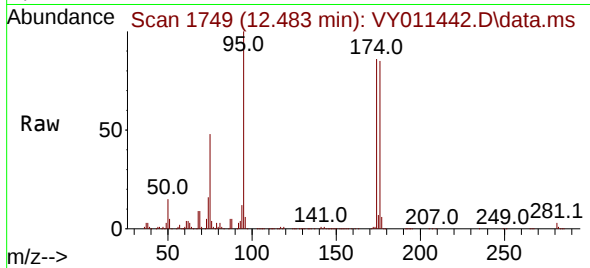




#62
4-Bromofluorobenzene
Concen: 54.193 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

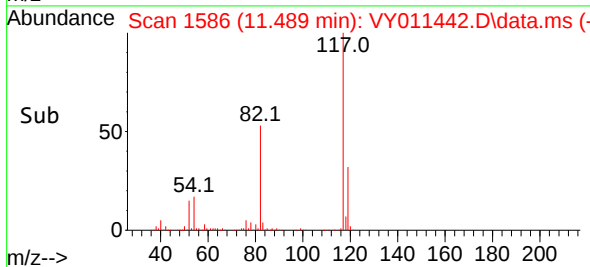
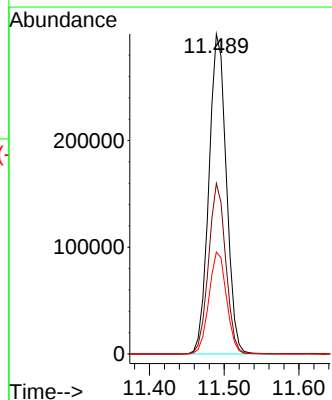
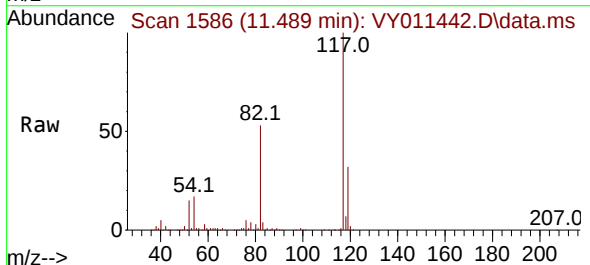
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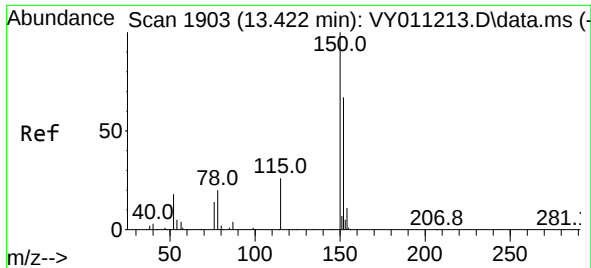
Tgt Ion: 95 Resp: 223584
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 84.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

Tgt Ion: 117 Resp: 485621
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY011442.D

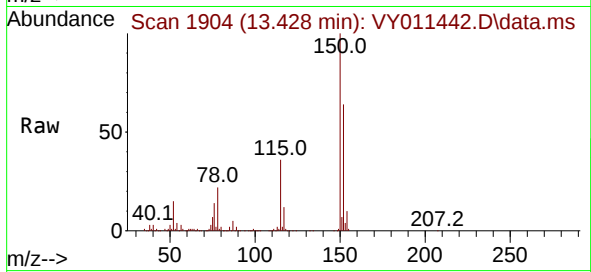
Acq: 14 Nov 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

RBR251374



Tgt Ion:152 Resp: 216332

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 156.7 0.0 347.6

