

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
 Data File : VY011207.D
 Acq On : 31 Oct 2022 19:04
 Operator : KP/MD
 Sample : N5361-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-102822

Quant Time: Nov 01 02:46:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

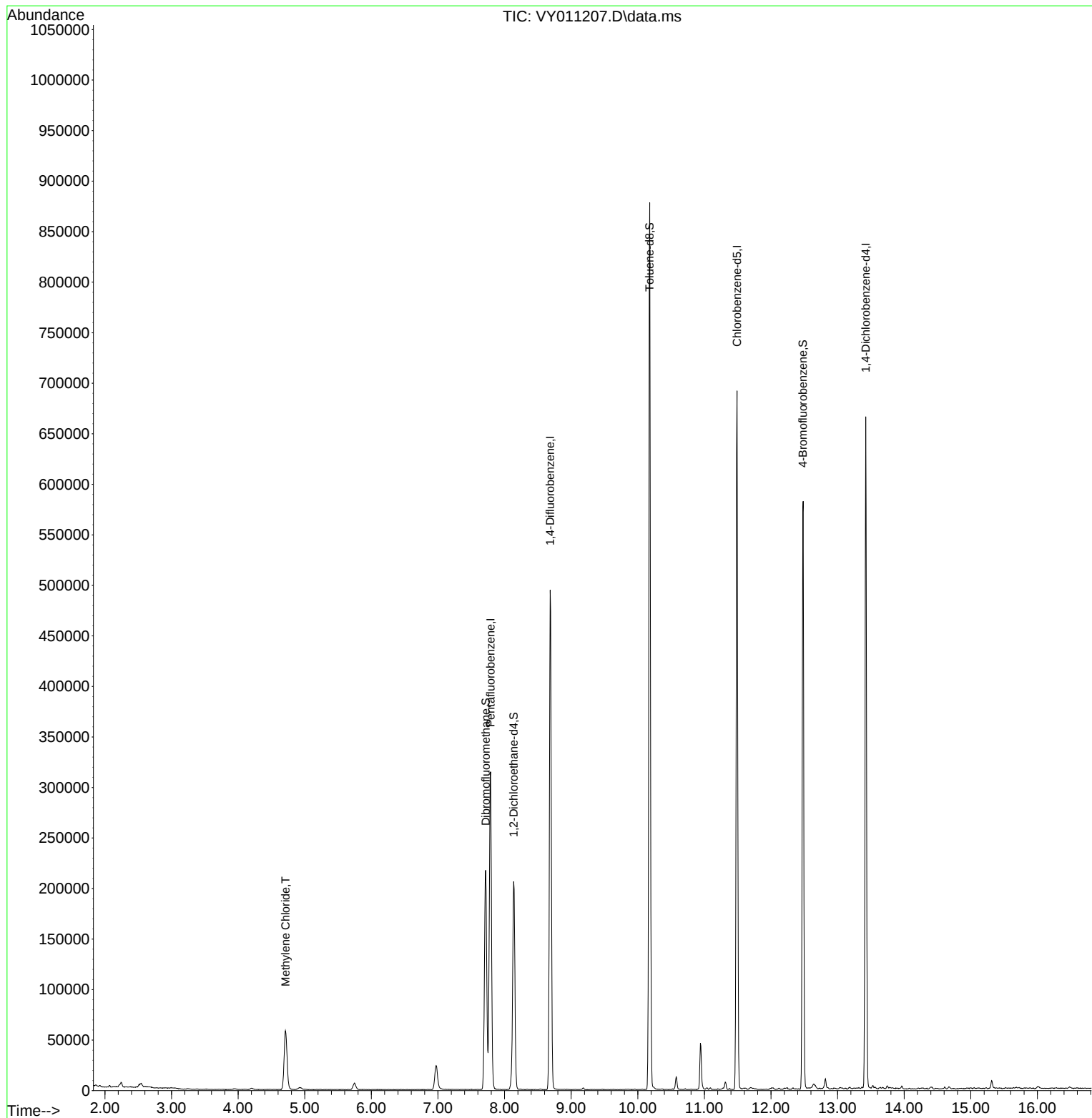
Internal Standards						
1) Pentafluorobenzene	7.789	168	247759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	431521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	377597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	156990	61.279	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.560%		
35) Dibromofluoromethane	7.716	113	159345	60.047	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 120.100%		
50) Toluene-d8	10.179	98	564103	53.657	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 107.320%		
62) 4-Bromofluorobenzene	12.477	95	186441	54.199	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 108.400%		
Target Compounds						
20) Methylene Chloride	4.710	84	45371	12.467	ug/l	Qvalue # 84

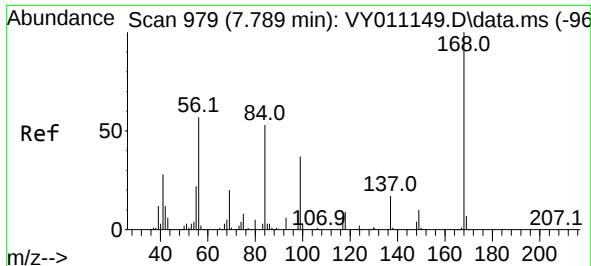
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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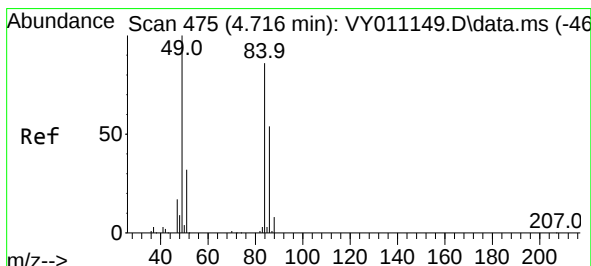
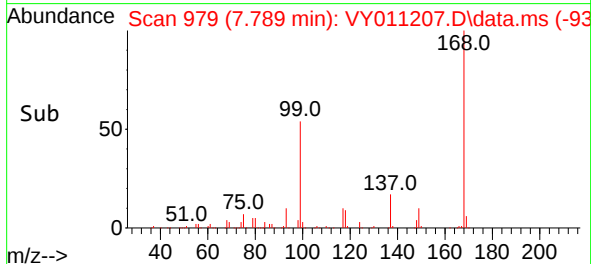
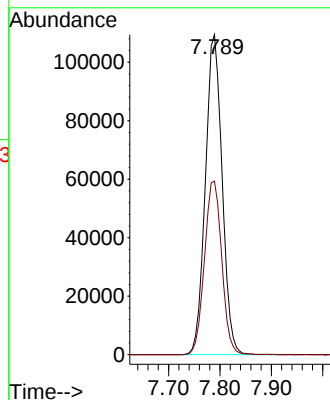
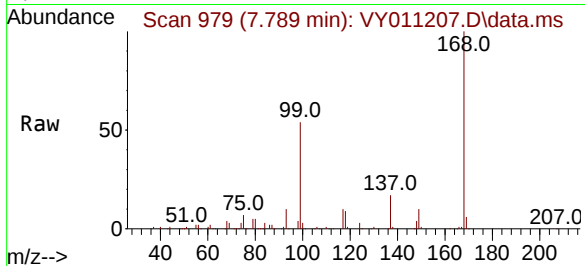




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011207.D
Acq: 31 Oct 2022 19:04

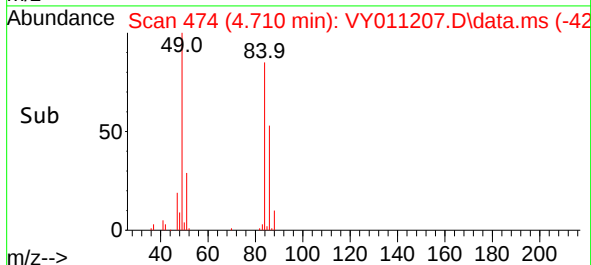
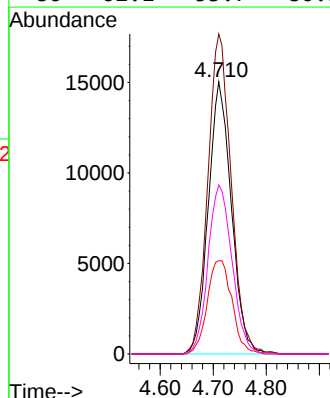
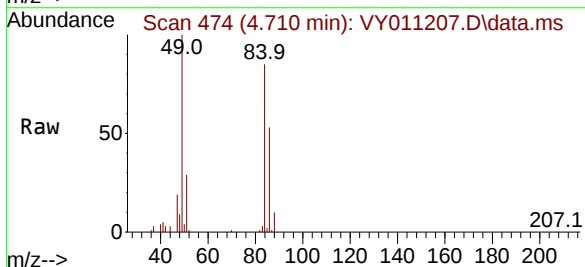
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-102822

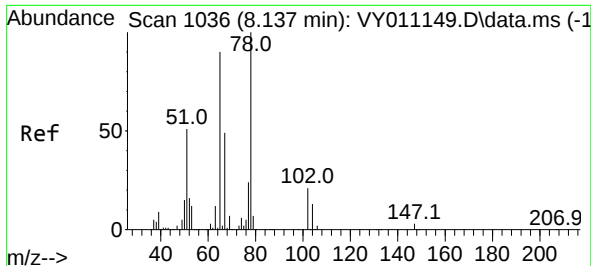
Tgt Ion:168 Resp: 247759
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#20
Methylene Chloride
Concen: 12.467 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011207.D
Acq: 31 Oct 2022 19:04

Tgt Ion: 84 Resp: 45371
Ion Ratio Lower Upper
84 100
49 117.6 114.4 171.6
51 34.2 35.3 52.9#
86 62.1 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 61.279 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY011207.D

Acq: 31 Oct 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

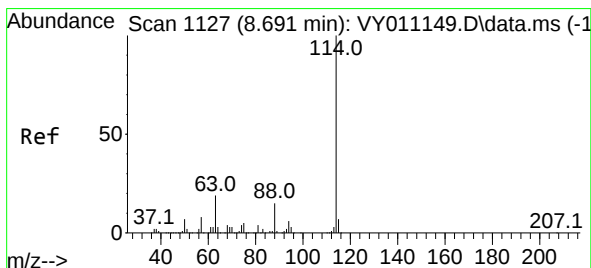
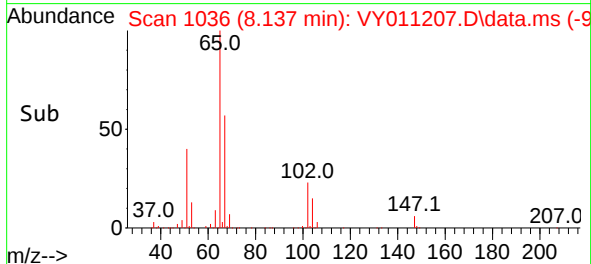
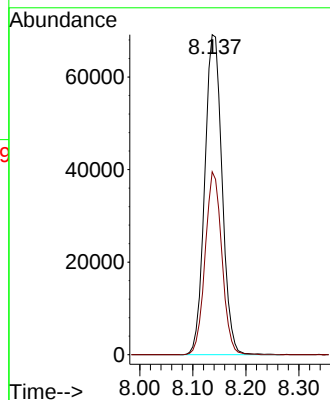
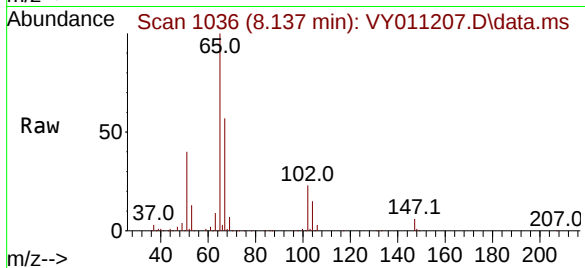
OR-2-102822

Tgt Ion: 65 Resp: 156990

Ion Ratio Lower Upper

65 100

67 55.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011207.D

Acq: 31 Oct 2022 19:04

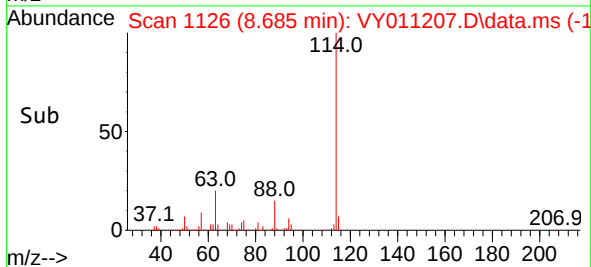
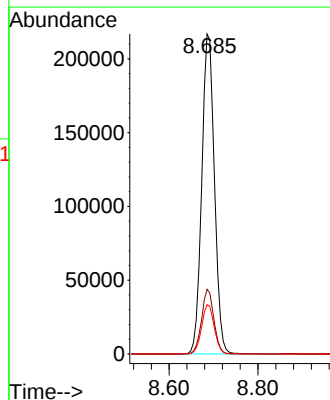
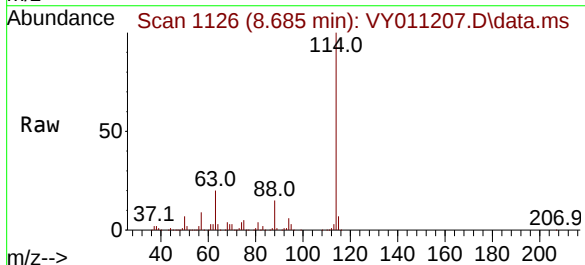
Tgt Ion: 114 Resp: 431521

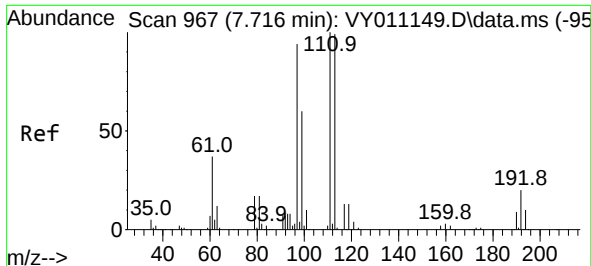
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.4 0.0 31.8

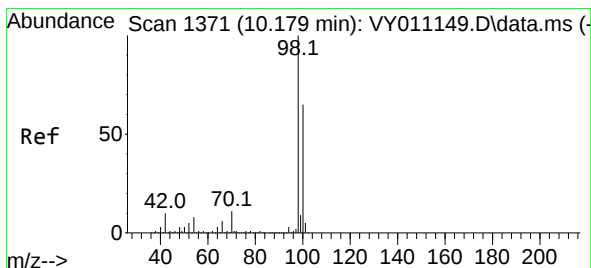
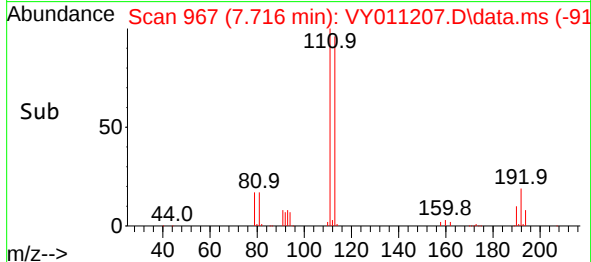
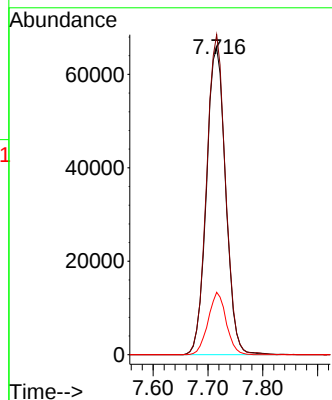
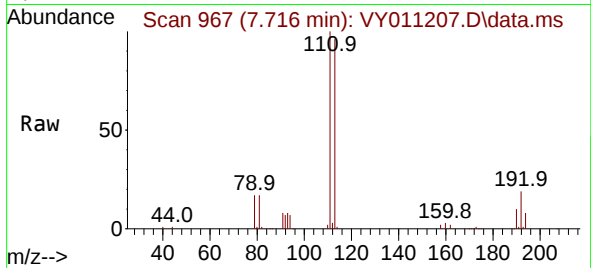




#35
Dibromofluoromethane
Concen: 60.047 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011207.D
Acq: 31 Oct 2022 19:04

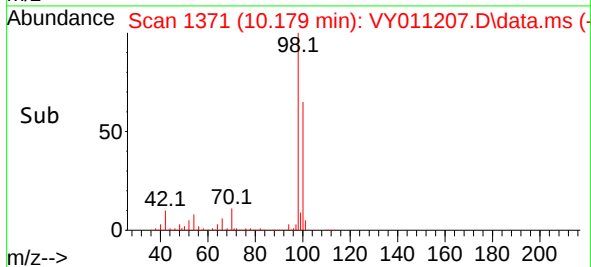
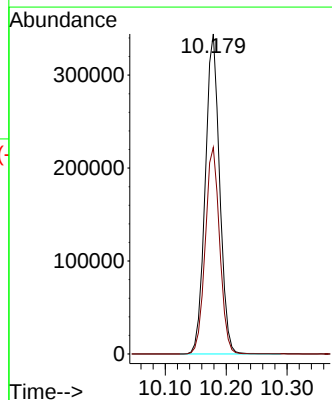
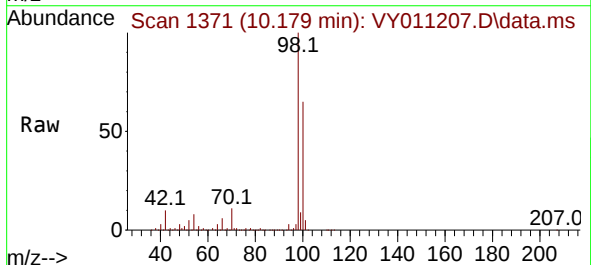
Instrument :
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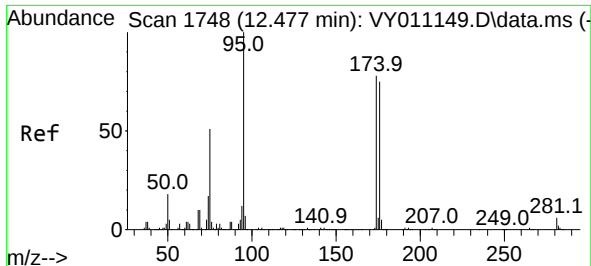
Tgt Ion:113 Resp: 159345
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 53.657 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011207.D
Acq: 31 Oct 2022 19:04

Tgt Ion: 98 Resp: 564103
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

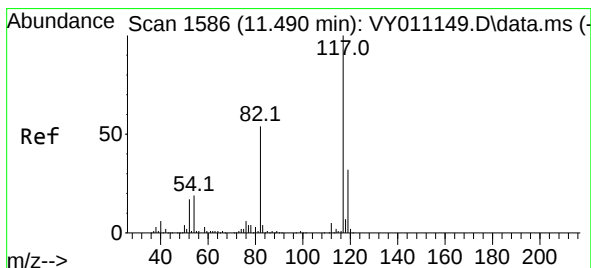
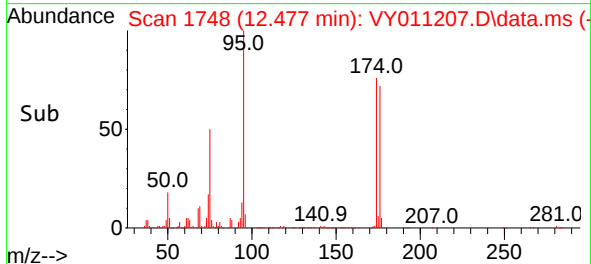
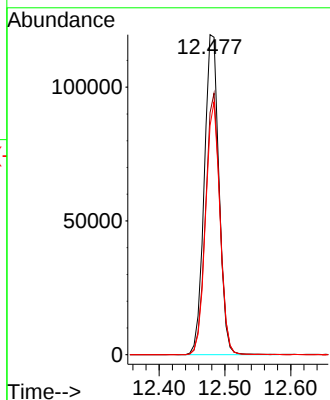
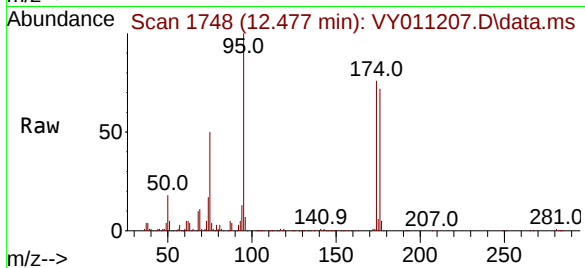




#62
4-Bromofluorobenzene
Concen: 54.199 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY011207.D
Acq: 31 Oct 2022 19:04

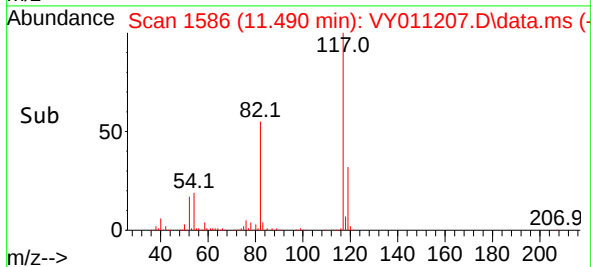
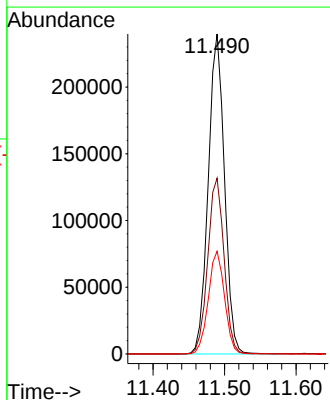
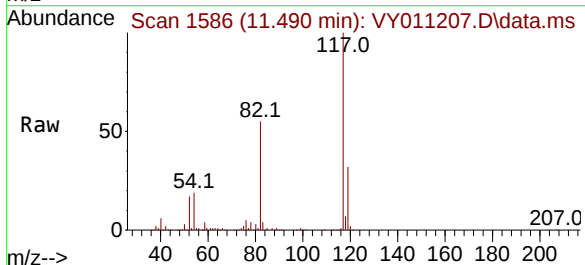
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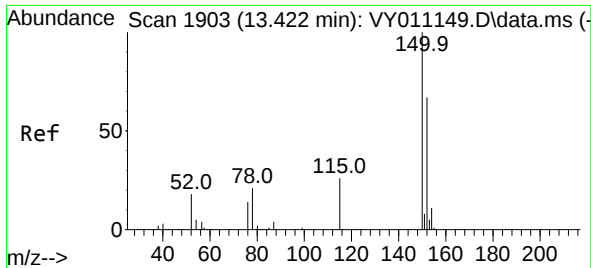
Tgt Ion: 95 Resp: 186441
Ion Ratio Lower Upper
95 100
174 80.0 0.0 177.0
176 76.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011207.D
Acq: 31 Oct 2022 19:04

Tgt Ion: 117 Resp: 377597
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.1 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011207.D

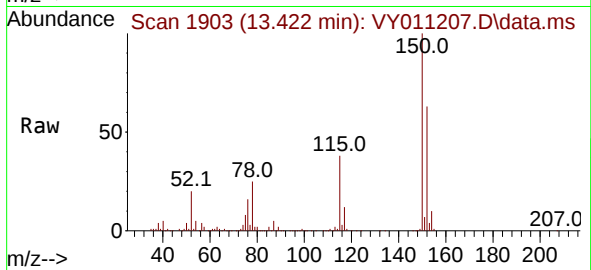
Acq: 31 Oct 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-102822



Tgt Ion:152 Resp: 167714

Ion Ratio Lower Upper

152 100

115 59.6 28.2 84.7

150 158.4 0.0 347.6

