

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011176.D
 Acq On : 29 Oct 2022 00:06
 Operator : KP/MD
 Sample : N5262-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Oct 29 00:47:36 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)

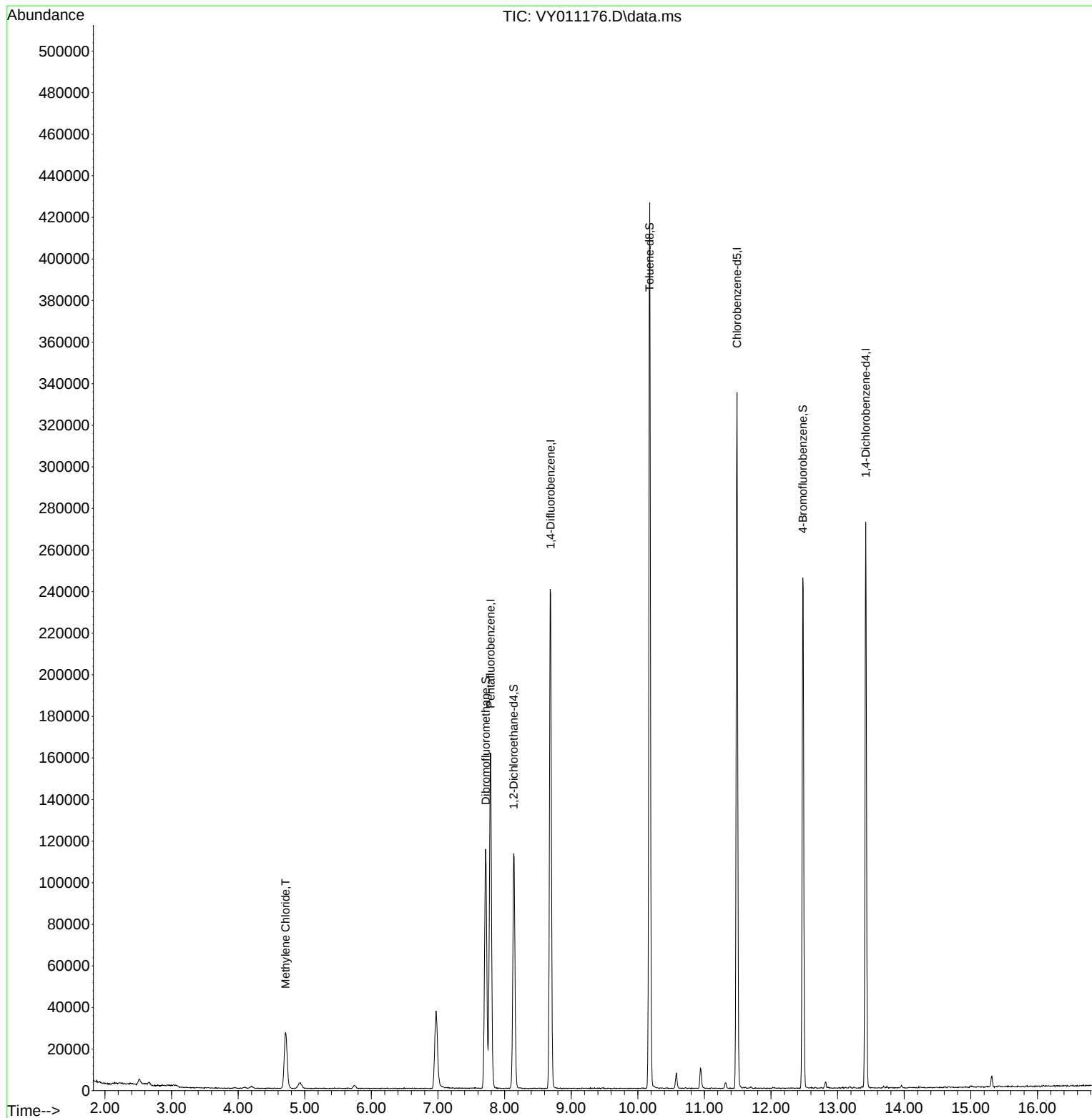
Internal Standards						
1) Pentafluorobenzene	7.789	168	125272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	185095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87859	67.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.660%
35) Dibromofluoromethane	7.716	113	83392	63.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.640%
50) Toluene-d8	10.179	98	282673	54.178	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.360%
62) 4-Bromofluorobenzene	12.477	95	79049	46.303	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.600%
Target Compounds						
20) Methylene Chloride	4.710	84	21654	11.329	ug/l	Qvalue # 83

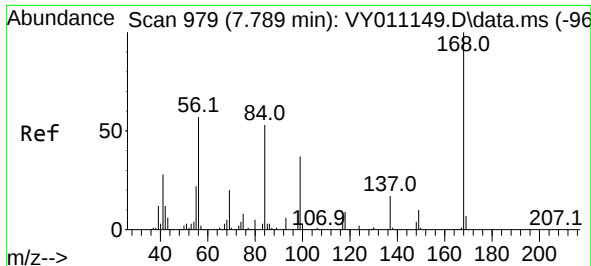
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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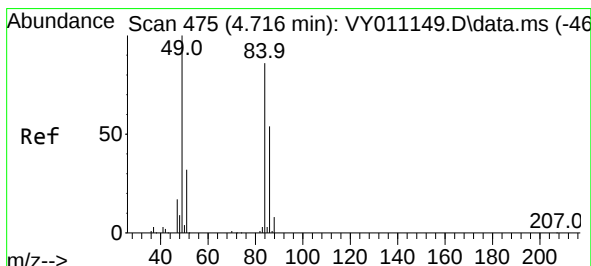
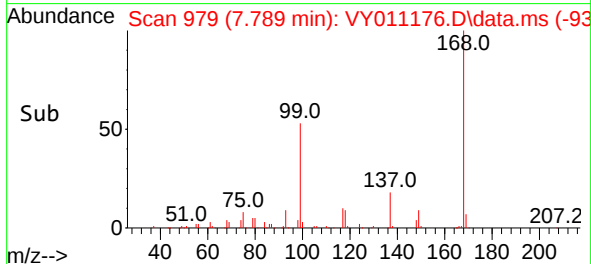
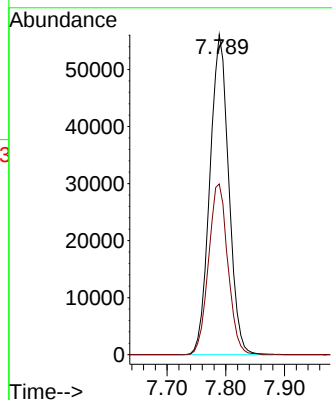
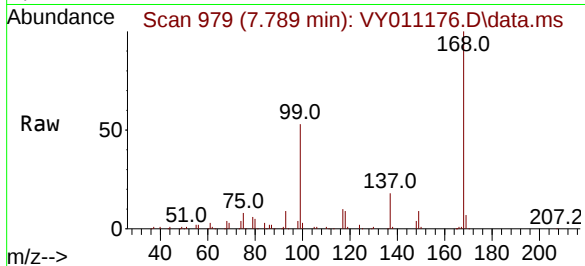




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011176.D
Acq: 29 Oct 2022 00:06

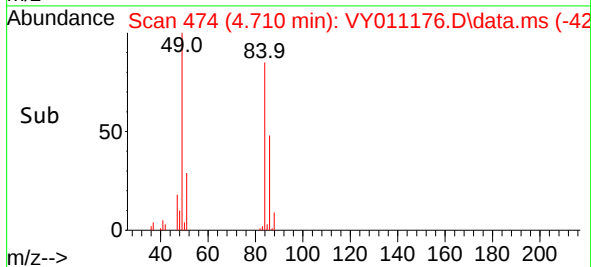
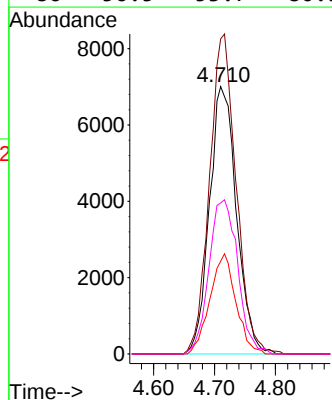
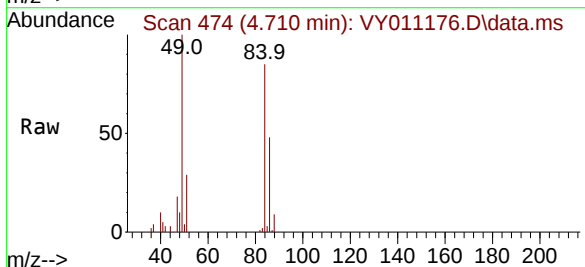
Instrument :
MSVOA_Y
ClientSampleId :
VOC

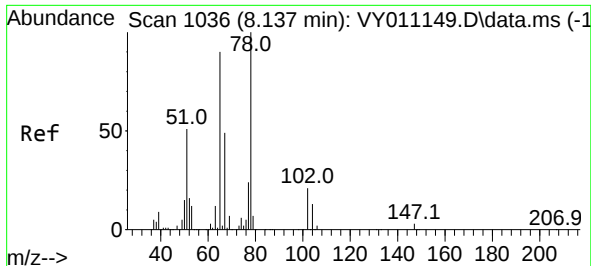
Tgt Ion:168 Resp: 125272
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#20
Methylene Chloride
Concen: 11.329 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011176.D
Acq: 29 Oct 2022 00:06

Tgt Ion: 84 Resp: 21654
Ion Ratio Lower Upper
84 100
49 117.8 114.4 171.6
51 34.7 35.3 52.9#
86 56.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 67.827 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY011176.D

Acq: 29 Oct 2022 00:06

Instrument :

MSVOA_Y

ClientSampleId :

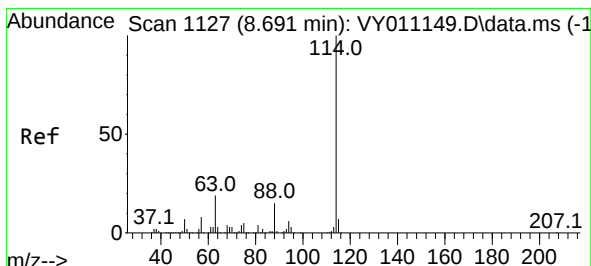
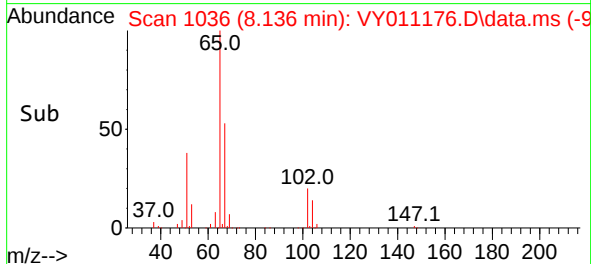
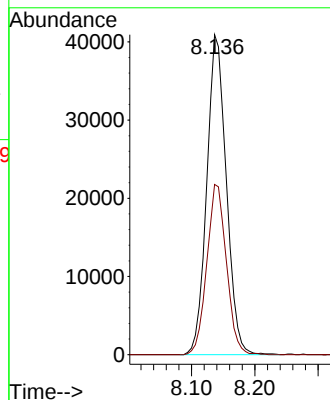
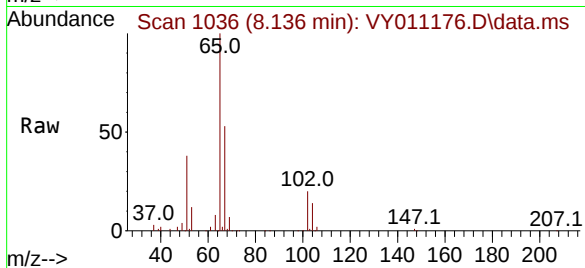
VOC

Tgt Ion: 65 Resp: 87859

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011176.D

Acq: 29 Oct 2022 00:06

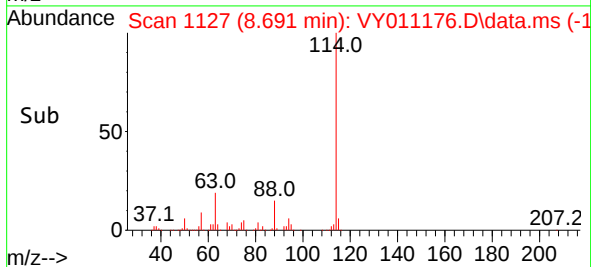
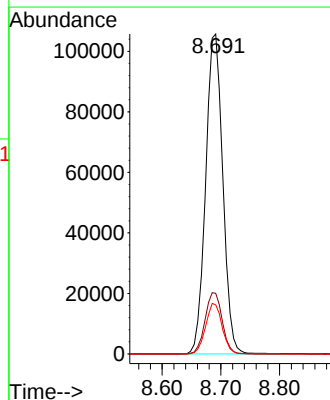
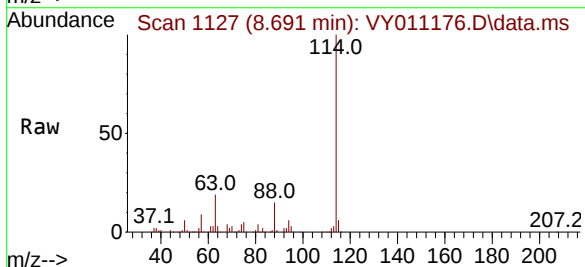
Tgt Ion: 114 Resp: 214158

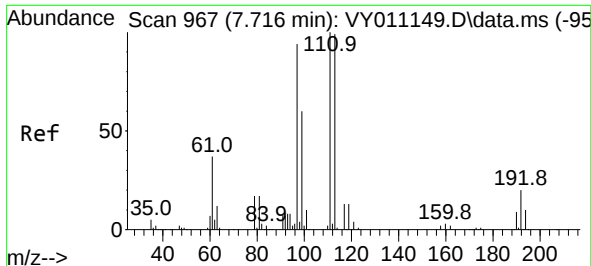
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.4 0.0 31.8

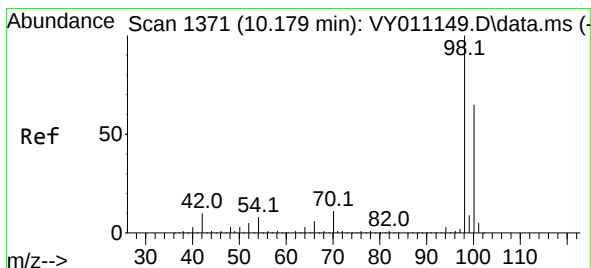
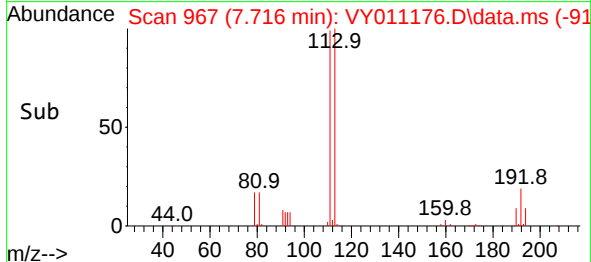
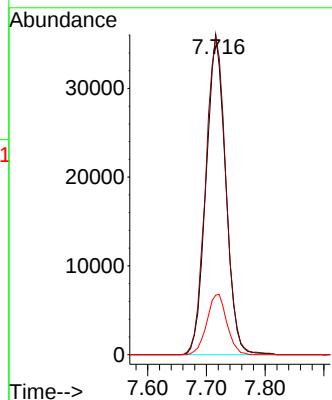
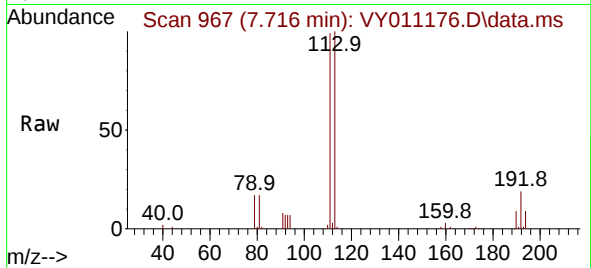




#35
Dibromofluoromethane
Concen: 63.320 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011176.D
Acq: 29 Oct 2022 00:06

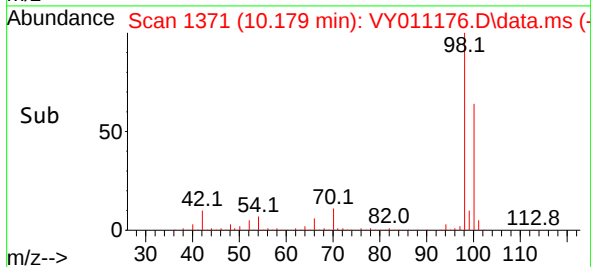
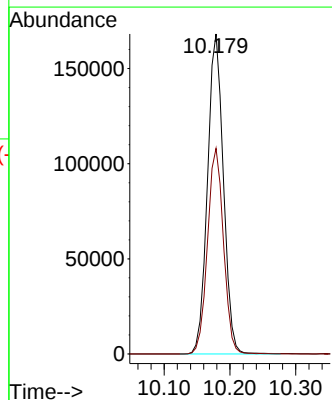
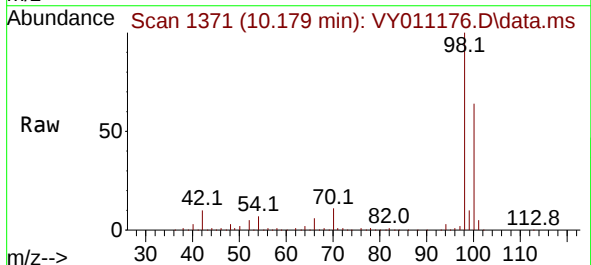
Instrument :
MSVOA_Y
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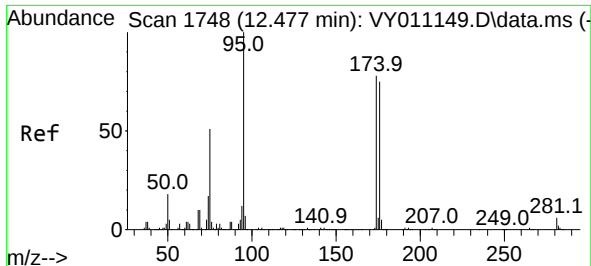
Tgt Ion:113 Resp: 83392
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.2 17.6 26.4



#50
Toluene-d8
Concen: 54.178 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011176.D
Acq: 29 Oct 2022 00:06

Tgt Ion: 98 Resp: 282673
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

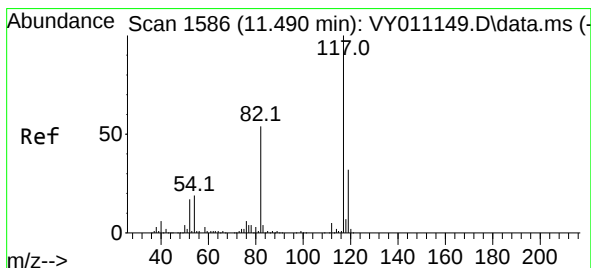
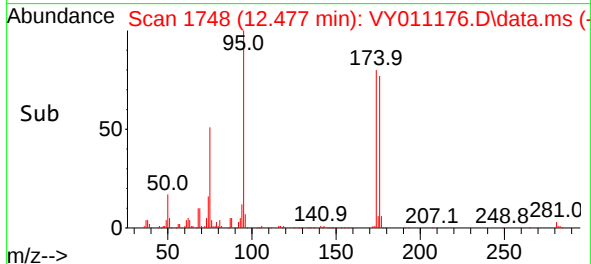
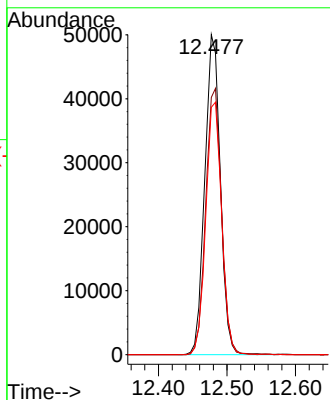
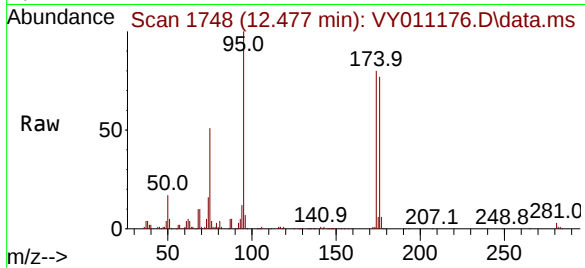




#62
4-Bromofluorobenzene
Concen: 46.303 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY011176.D
Acq: 29 Oct 2022 00:06

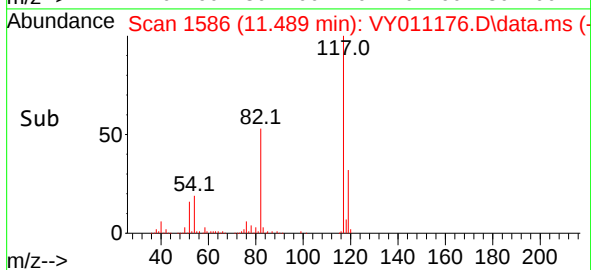
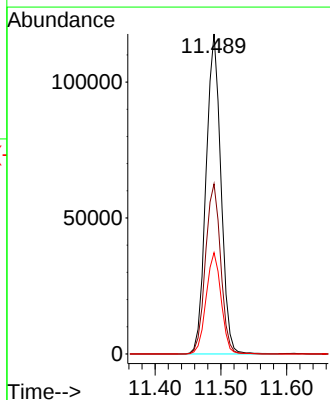
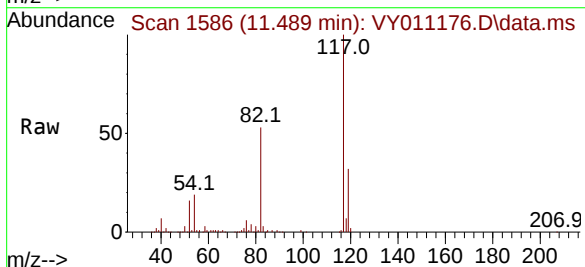
Instrument :
MSVOA_Y
ClientSampleId :
VOC

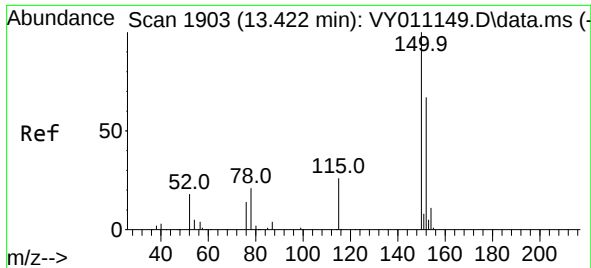
Tgt Ion: 95 Resp: 79049
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 80.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011176.D
Acq: 29 Oct 2022 00:06

Tgt Ion: 117 Resp: 185095
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 31.7 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: VY011176.D

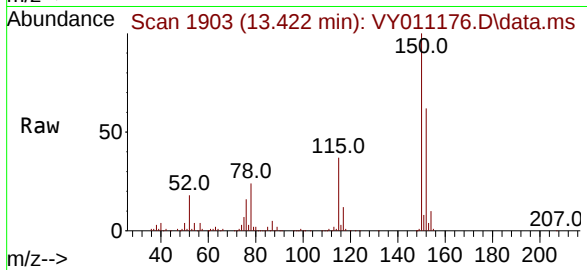
Acq: 29 Oct 2022 00:06

Instrument :

MSVOA_Y

ClientSampleId :

VOC



Tgt Ion:152 Resp: 71131

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 160.8 0.0 347.6

