

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011175.D
 Acq On : 28 Oct 2022 23:43
 Operator : KP/MD
 Sample : N5261-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Oct 29 00:47:26 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)

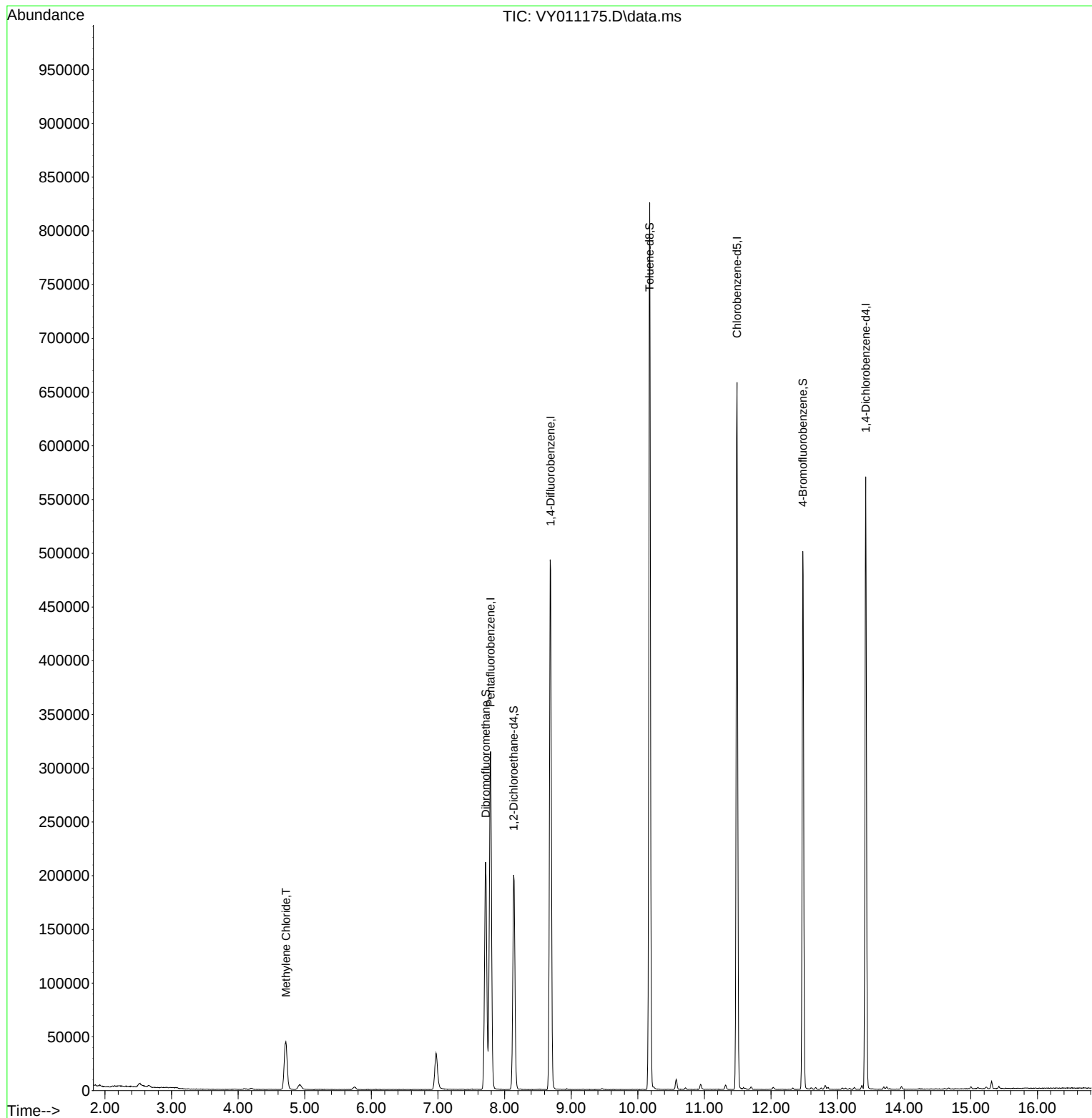
Internal Standards						
1) Pentafluorobenzene	7.789	168	247859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	432725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	367060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	153722	59.980	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.960%	
35) Dibromofluoromethane	7.716	113	153444	57.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.320%	
50) Toluene-d8	10.179	98	546557	51.844	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.680%	
62) 4-Bromofluorobenzene	12.477	95	160084	46.407	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.820%	
Target Compounds						
20) Methylene Chloride	4.716	84	36107	8.320	ug/l	Qvalue # 84

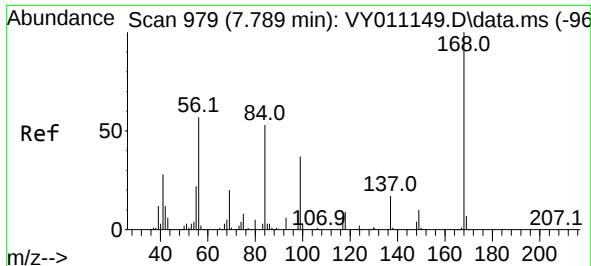
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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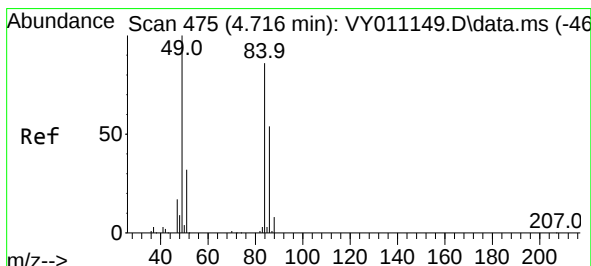
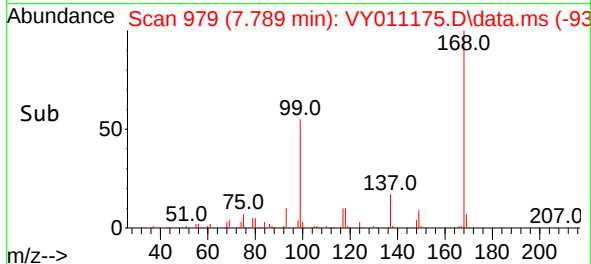
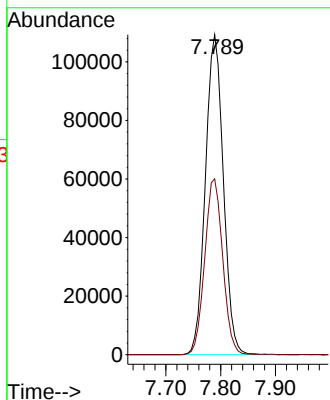
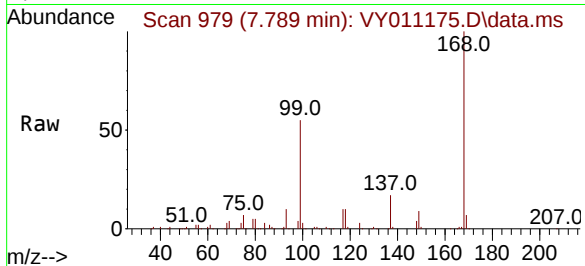




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

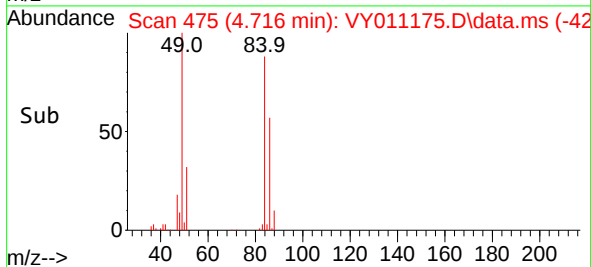
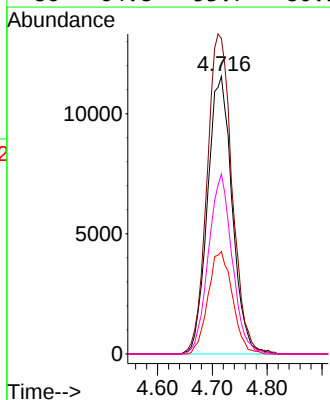
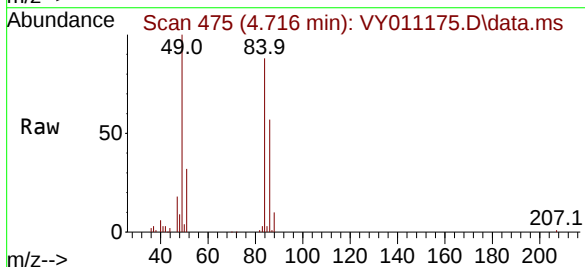
Instrument :
MSVOA_Y
ClientSampleId :
VOC

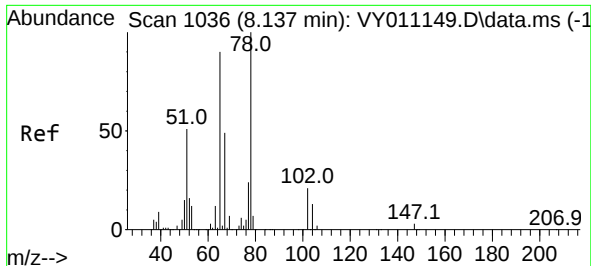
Tgt Ion:168 Resp: 247859
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#20
Methylene Chloride
Concen: 8.320 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion: 84 Resp: 36107
Ion Ratio Lower Upper
84 100
49 113.7 114.4 171.6#
51 36.9 35.3 52.9
86 64.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 59.980 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY011175.D

Acq: 28 Oct 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

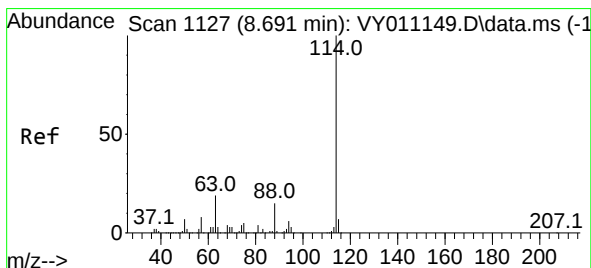
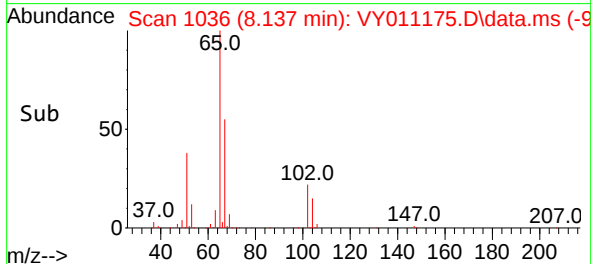
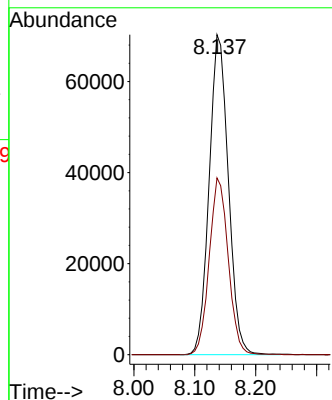
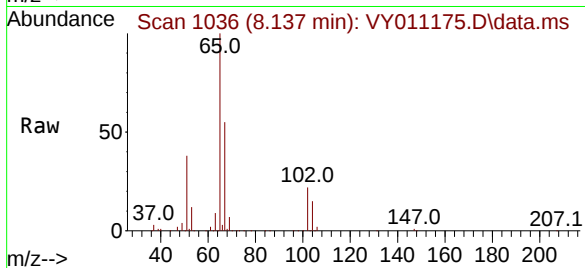
VOC

Tgt Ion: 65 Resp: 153722

Ion Ratio Lower Upper

65 100

67 54.7 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: VY011175.D

Acq: 28 Oct 2022 23:43

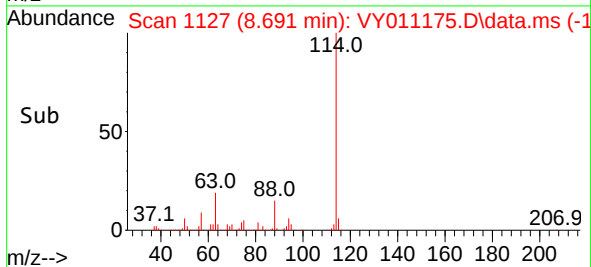
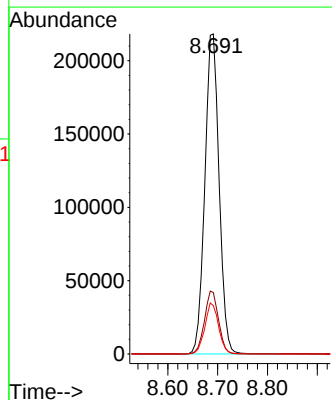
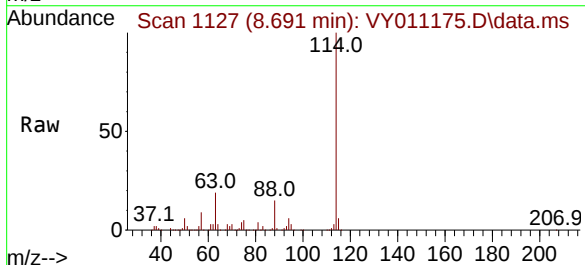
Tgt Ion: 114 Resp: 432725

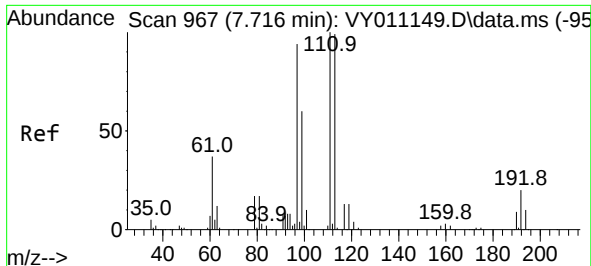
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.1 0.0 31.8

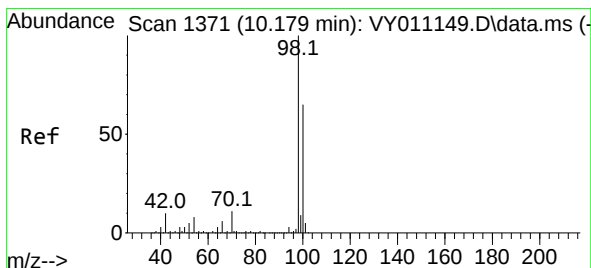
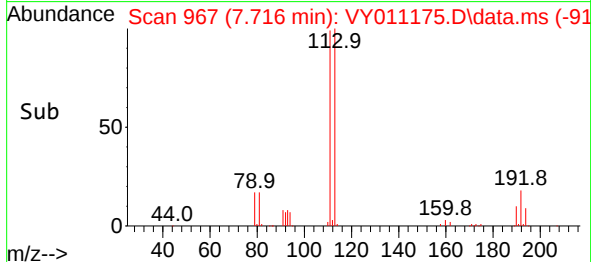
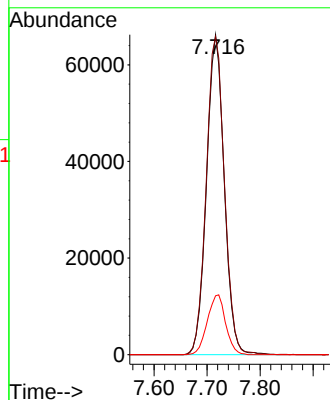
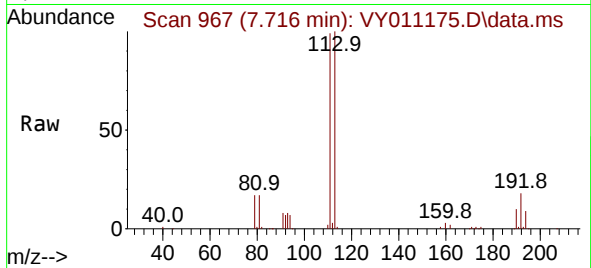




#35
Dibromofluoromethane
Concen: 57.662 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

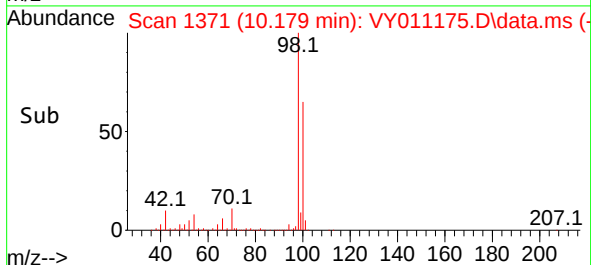
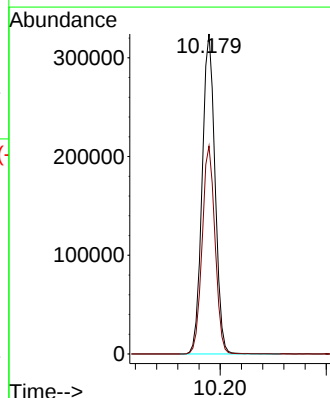
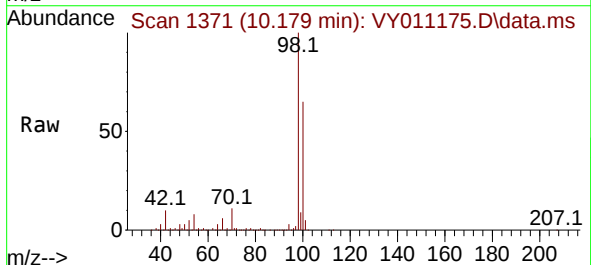
Instrument :
MSVOA_Y
ClientSampleId :
VOC

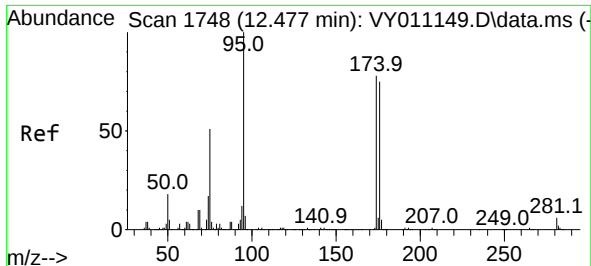
Tgt Ion:113 Resp: 153444
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 51.844 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion: 98 Resp: 546557
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

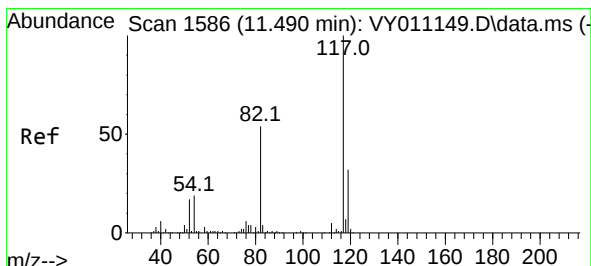
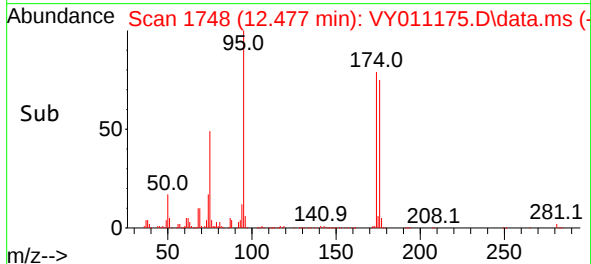
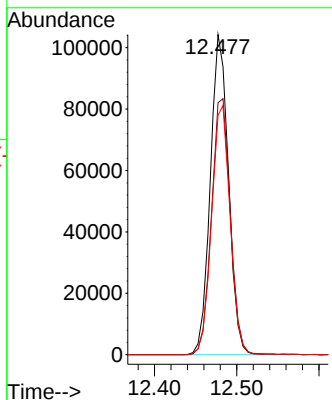
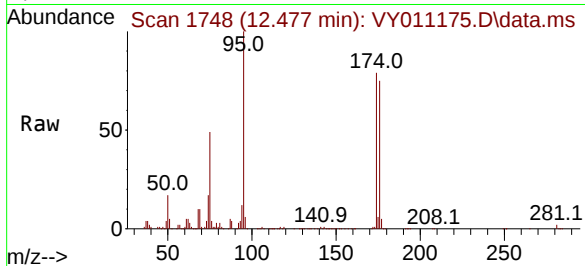




#62
4-Bromofluorobenzene
Concen: 46.407 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

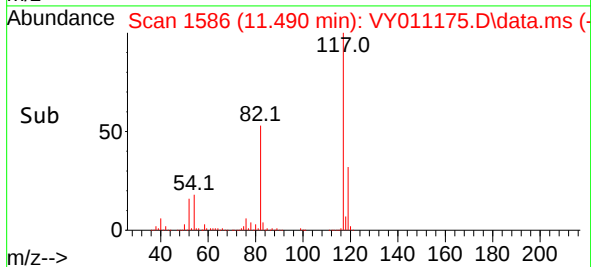
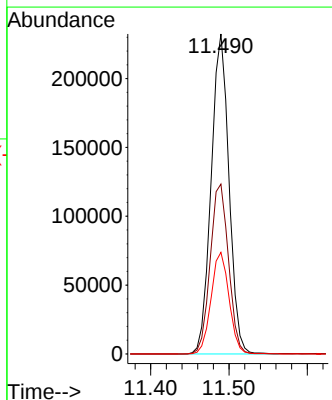
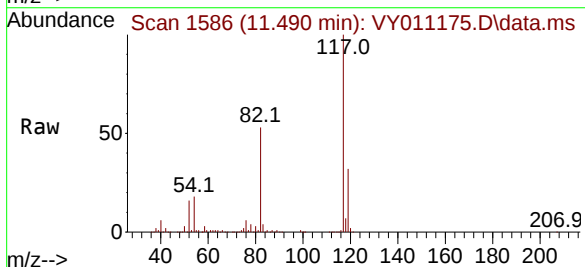
Instrument :
MSVOA_Y
ClientSampleId :
VOC

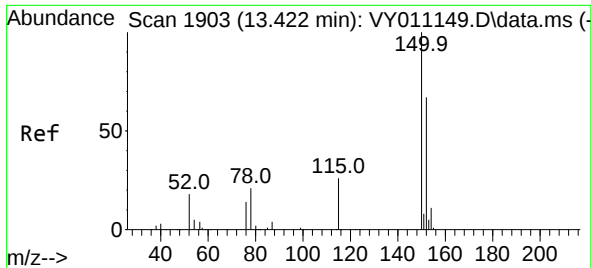
Tgt Ion: 95 Resp: 160084
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 79.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion: 117 Resp: 367060
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: VY011175.D

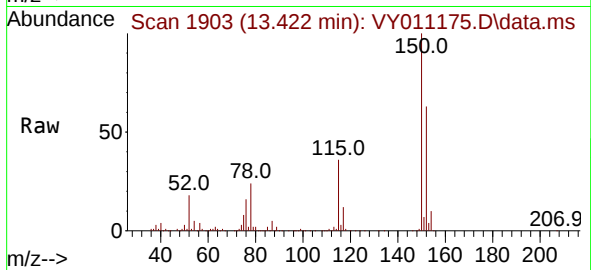
Acq: 28 Oct 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

VOC



Tgt Ion:152 Resp: 150622

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 156.1 0.0 347.6

