

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011974.D
 Acq On : 22 Dec 2022 15:01
 Operator : KP/MD
 Sample : N6148-06
 Misc : 6.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-3052-GRAB-8

Quant Time: Dec 23 04:32:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

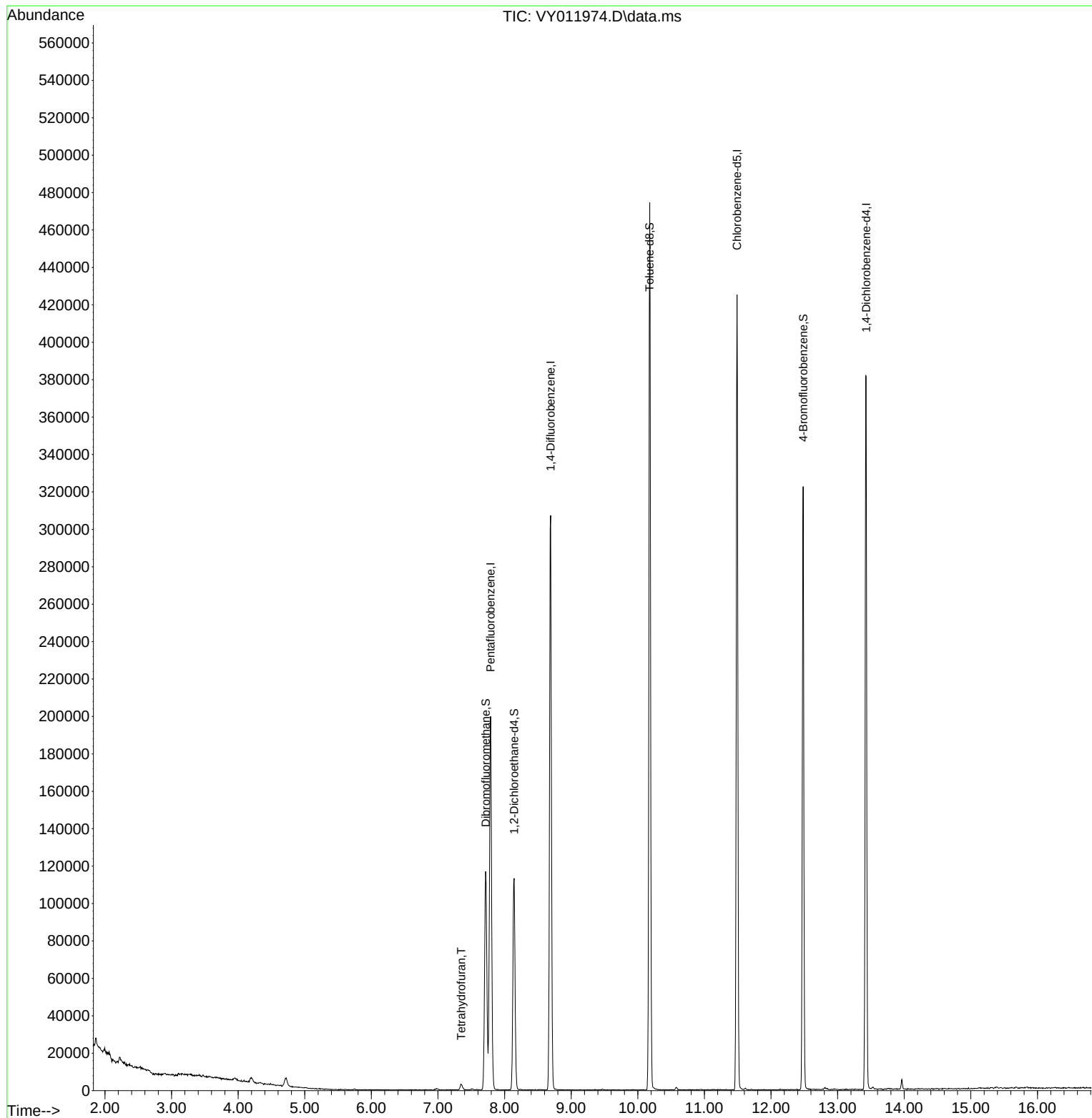
Internal Standards						
1) Pentafluorobenzene	7.789	168	155644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	239854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	91803	58.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.080%
35) Dibromofluoromethane	7.716	113	82502	50.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.900%
50) Toluene-d8	10.179	98	317017	48.255	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.483	95	96349	43.607	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.220%
Target Compounds						Qvalue
29) Tetrahydrofuran	7.350	42	2231	7.539	ug/l	# 88

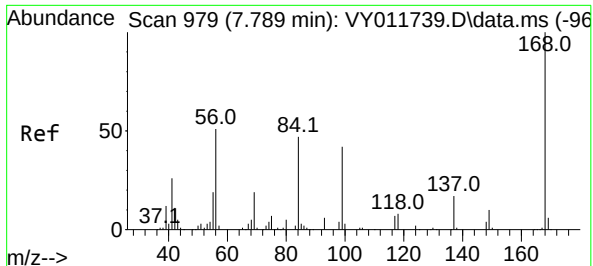
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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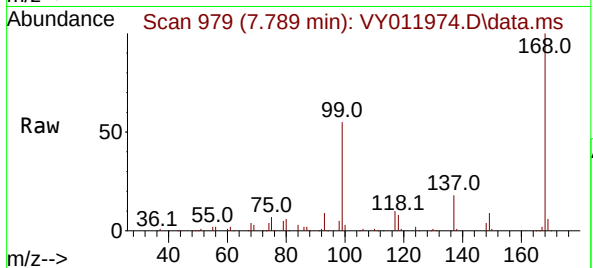
Quant Time: Dec 23 04:32:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
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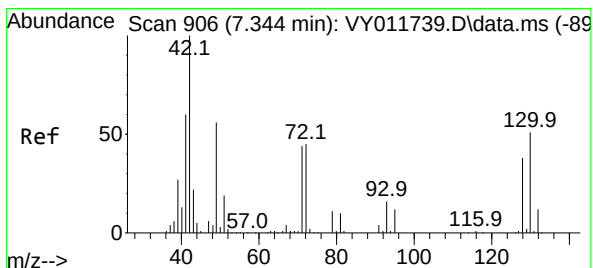
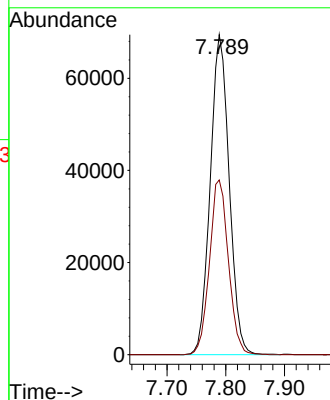
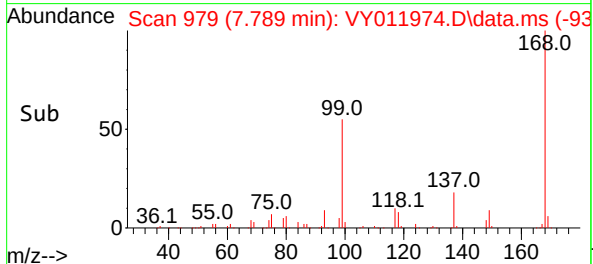


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-8

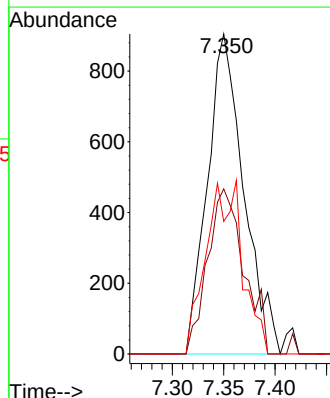
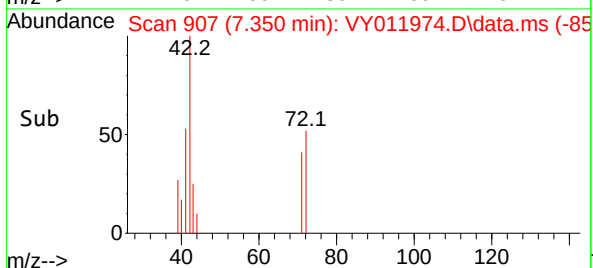
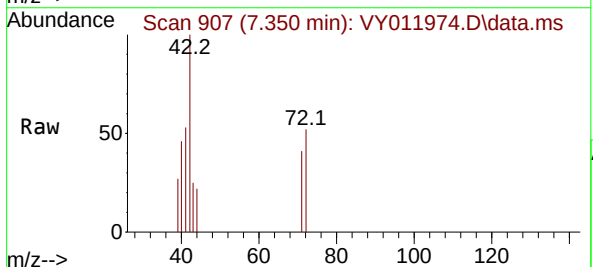


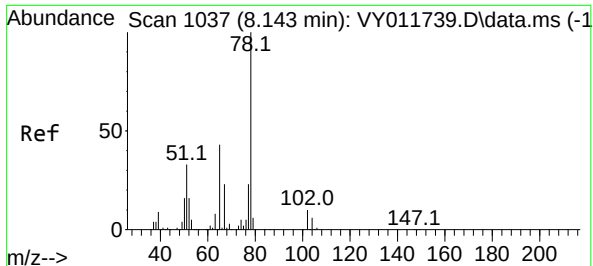
Tgt Ion:168 Resp: 155644
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#29
Tetrahydrofuran
Concen: 7.539 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

Tgt Ion: 42 Resp: 2231
Ion Ratio Lower Upper
42 100
72 51.7 37.0 55.6
71 53.4 34.9 52.3#





#33

1,2-Dichloroethane-d4

Concen: 58.545 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011974.D

Acq: 22 Dec 2022 15:01

Instrument :

MSVOA_Y

ClientSampleId :

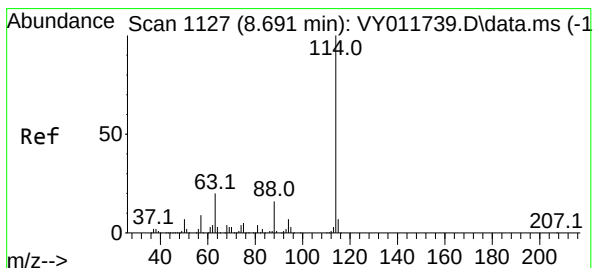
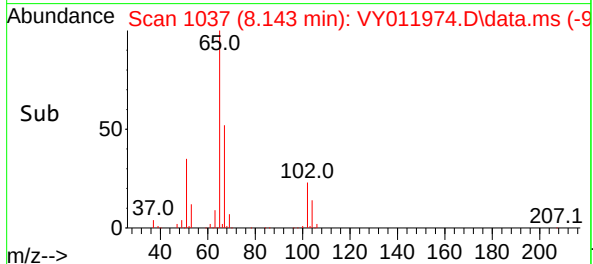
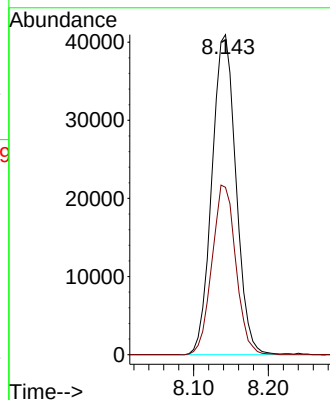
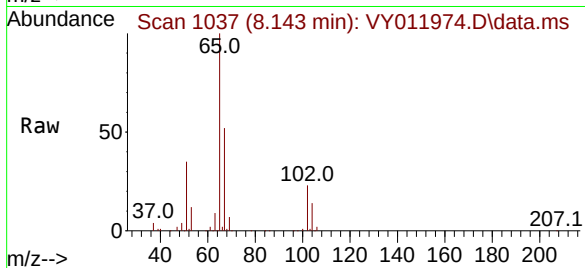
VOC-3052-GRAB-8

Tgt Ion: 65 Resp: 91803

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011974.D

Acq: 22 Dec 2022 15:01

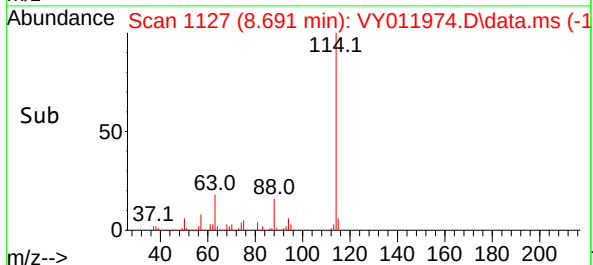
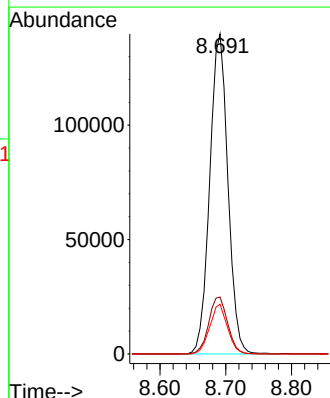
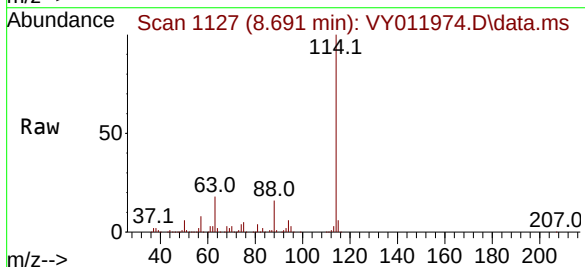
Tgt Ion: 114 Resp: 268961

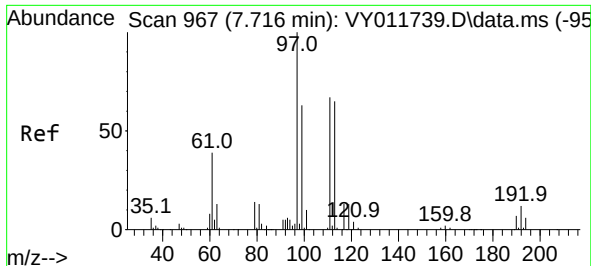
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 15.5 0.0 32.2

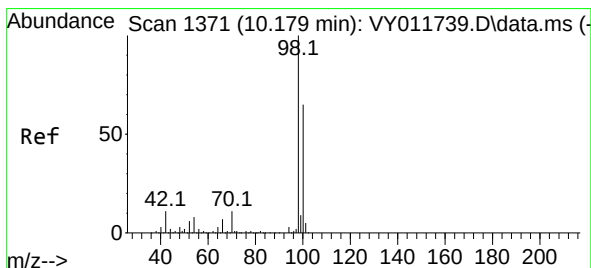
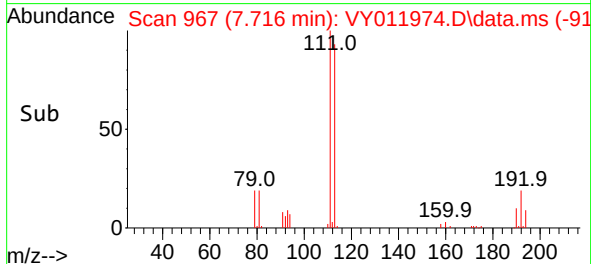
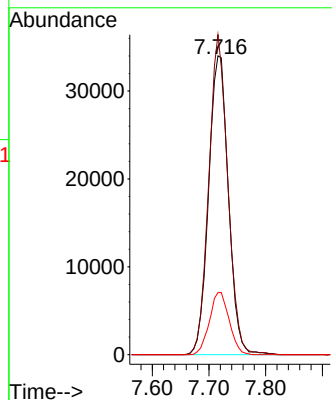
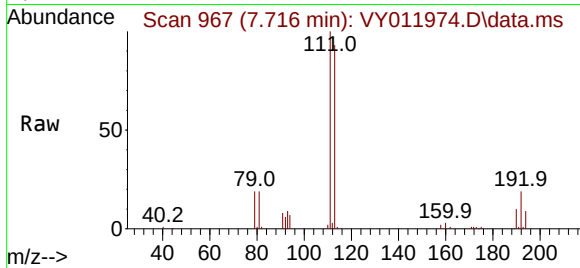




#35
 Dibromofluoromethane
 Concen: 50.952 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY011974.D
 Acq: 22 Dec 2022 15:01

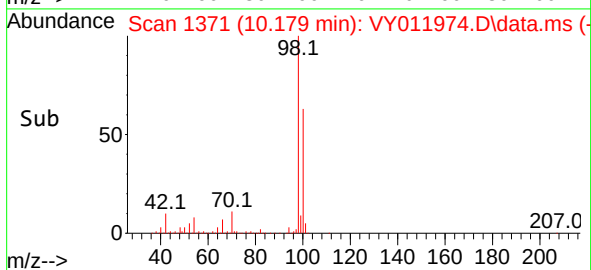
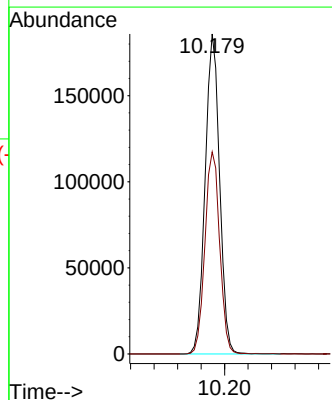
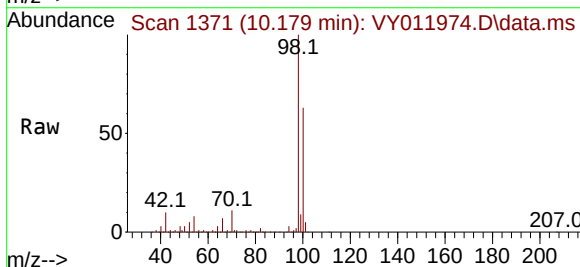
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-3052-GRAB-8

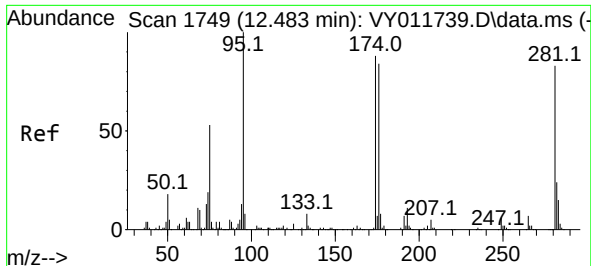
Tgt Ion:113 Resp: 82502
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.0 124.4
 192 20.8 16.0 24.0



#50
 Toluene-d8
 Concen: 48.255 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY011974.D
 Acq: 22 Dec 2022 15:01

Tgt Ion: 98 Resp: 317017
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.9 77.9

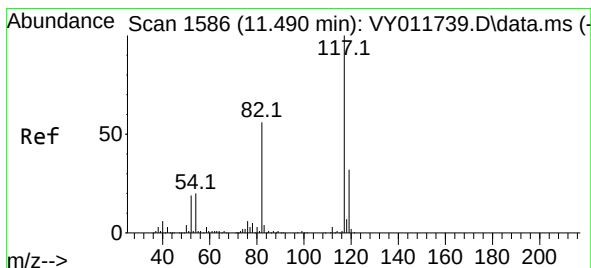
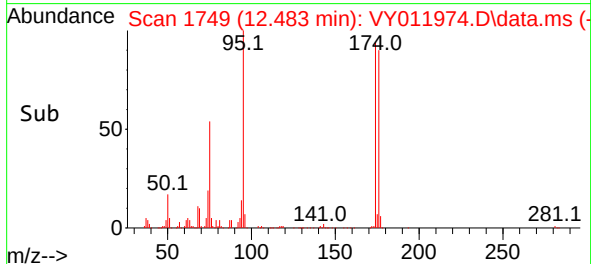
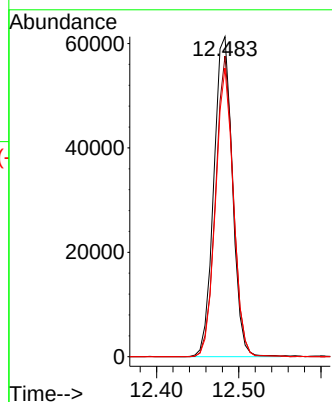
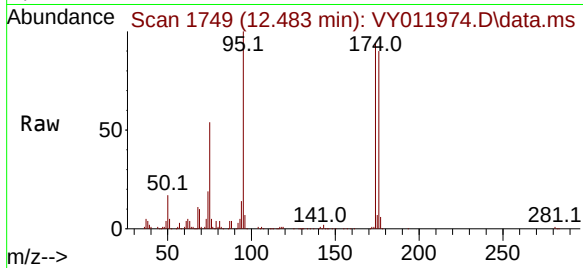




#62
4-Bromofluorobenzene
Concen: 43.607 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

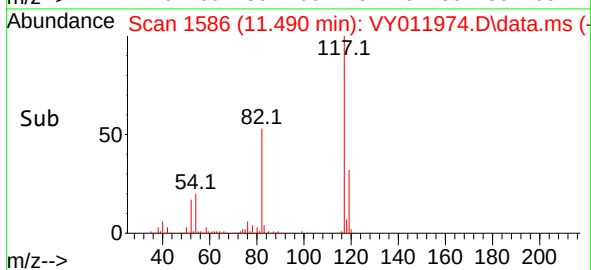
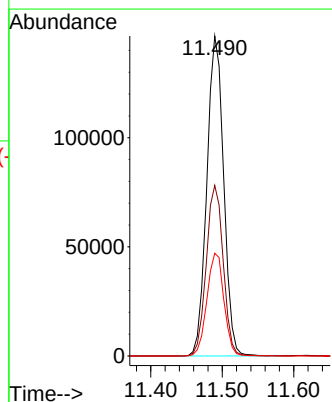
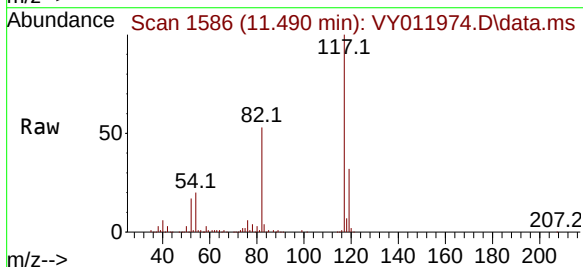
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-8

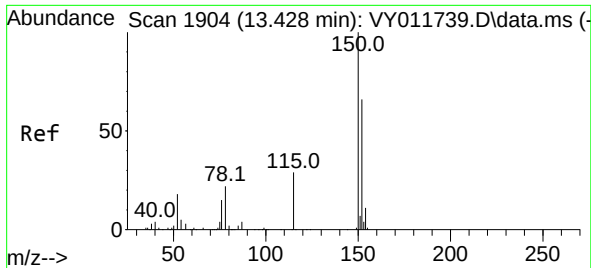
Tgt Ion: 95 Resp: 96349
Ion Ratio Lower Upper
95 100
174 89.6 0.0 172.0
176 86.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

Tgt Ion: 117 Resp: 239854
Ion Ratio Lower Upper
117 100
82 53.3 44.8 67.2
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011974.D

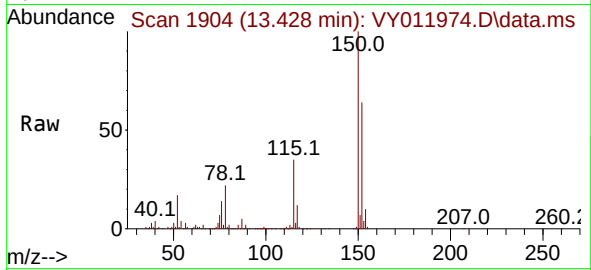
Acq: 22 Dec 2022 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VOC-3052-GRAB-8



Tgt Ion:152 Resp: 106421

Ion Ratio Lower Upper

152 100

115 56.4 29.1 87.3

150 155.2 0.0 342.6

