

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013078.D
 Acq On : 24 Mar 2023 15:01
 Operator : KP/MD
 Sample : 02049-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-032323

Quant Time: Mar 25 03:34:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

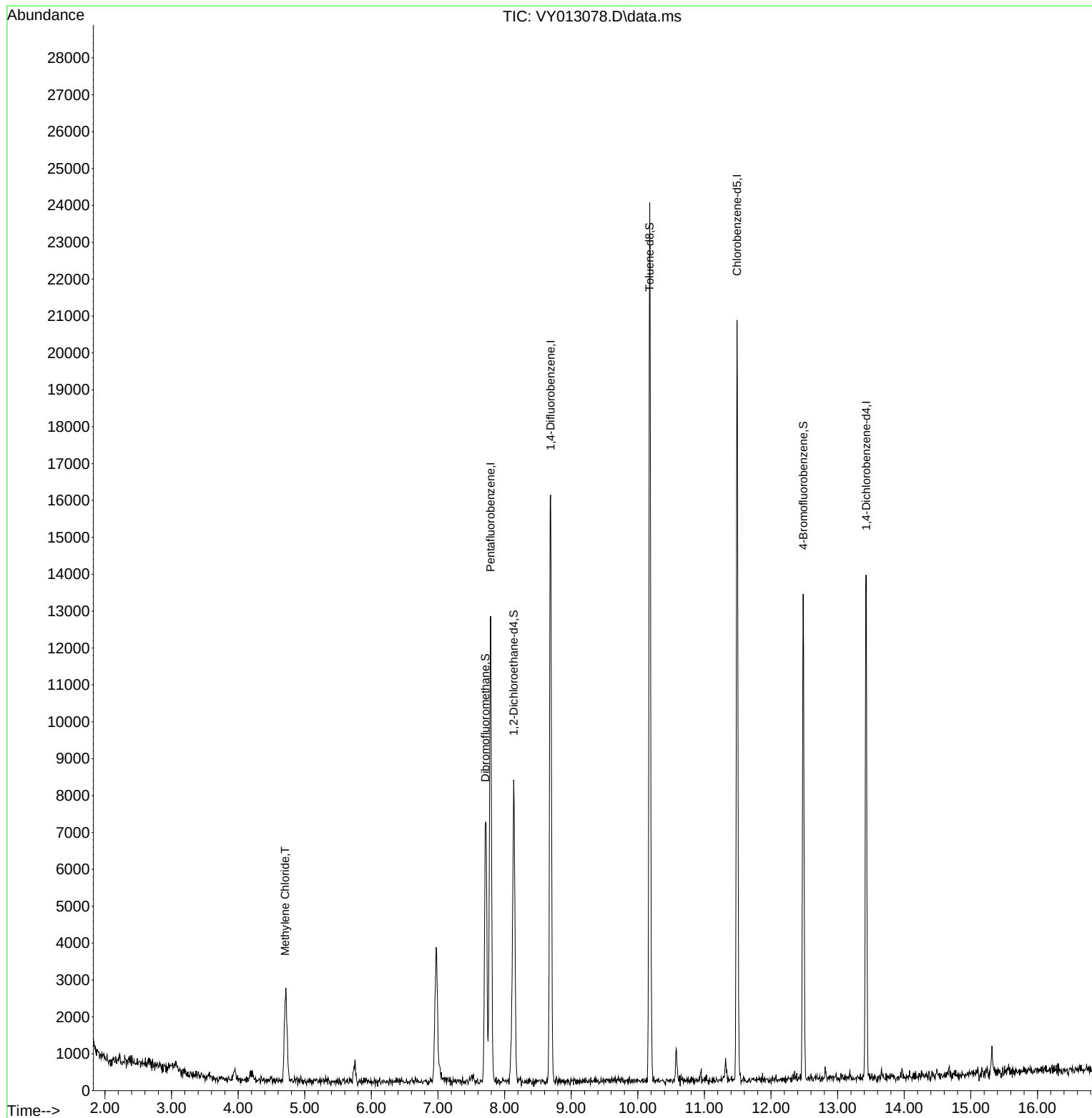
Internal Standards						
1) Pentafluorobenzene	7.789	168	9711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	11768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5684	58.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.900%
35) Dibromofluoromethane	7.710	113	5410	63.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.100%
50) Toluene-d8	10.179	98	15876	51.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.483	95	3742	35.621	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.240%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	1944	12.840	ug/l #	83

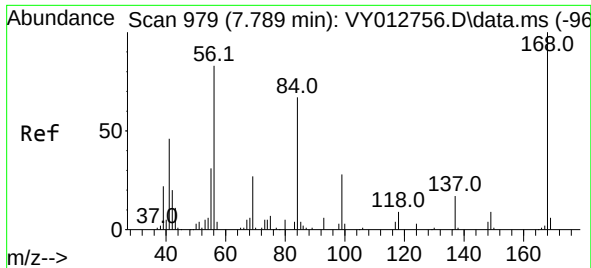
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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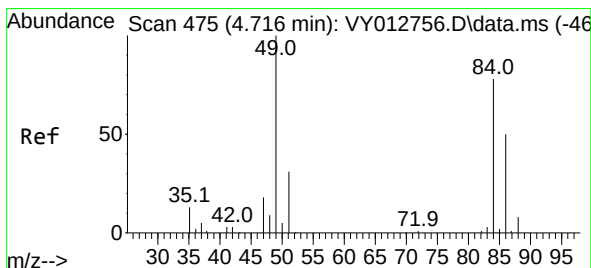
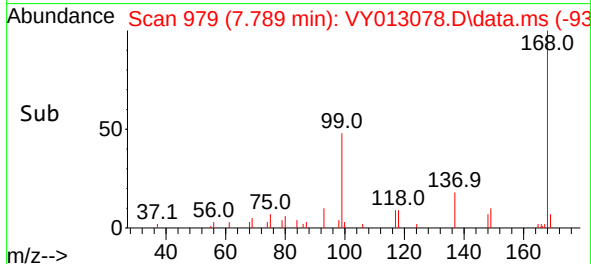
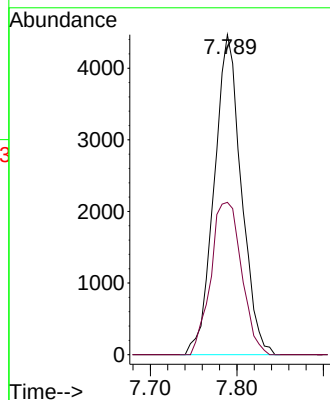
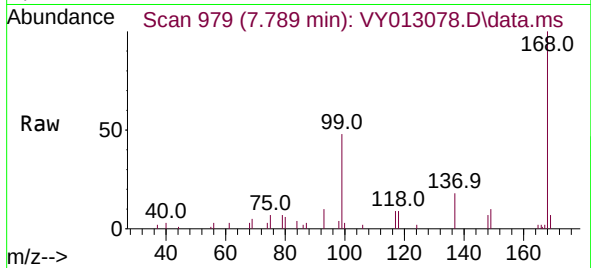




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

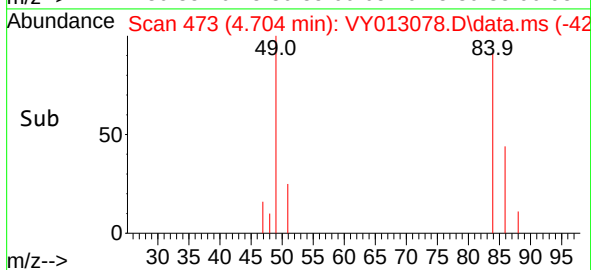
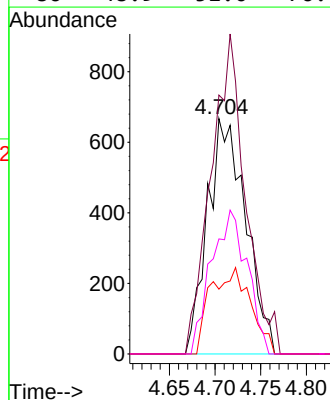
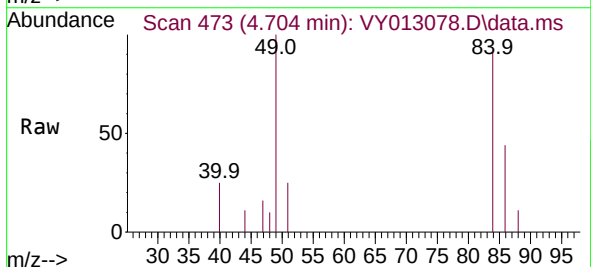
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-032323

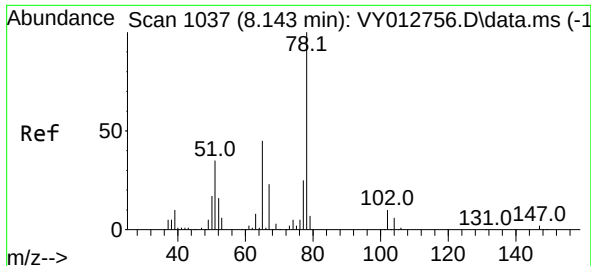
Tgt Ion:168 Resp: 9711
Ion Ratio Lower Upper
168 100
99 47.6 41.7 62.5



#20
Methylene Chloride
Concen: 12.840 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 84 Resp: 1944
Ion Ratio Lower Upper
84 100
49 110.0 102.6 154.0
51 27.6 31.9 47.9#
86 48.9 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 58.952 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY013078.D

Acq: 24 Mar 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

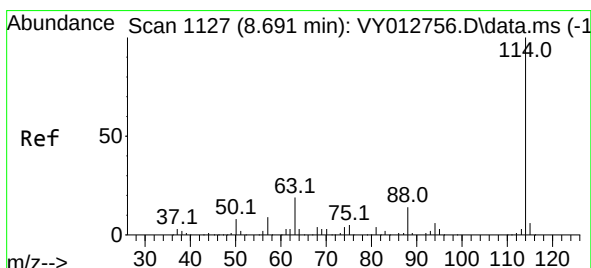
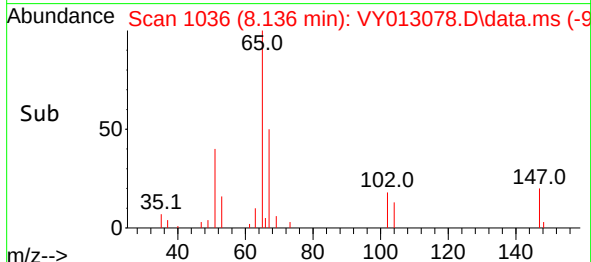
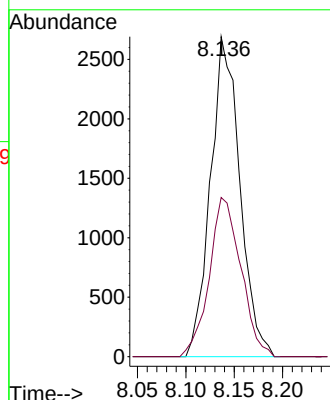
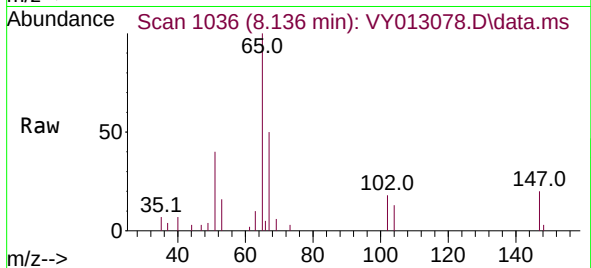
OK-02-032323

Tgt Ion: 65 Resp: 5684

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013078.D

Acq: 24 Mar 2023 15:01

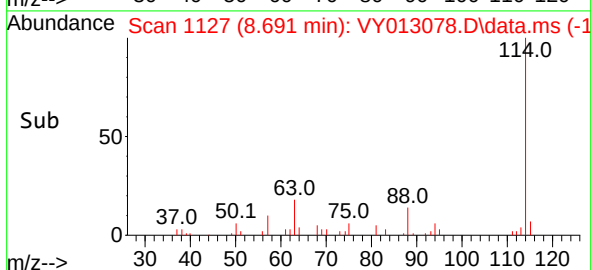
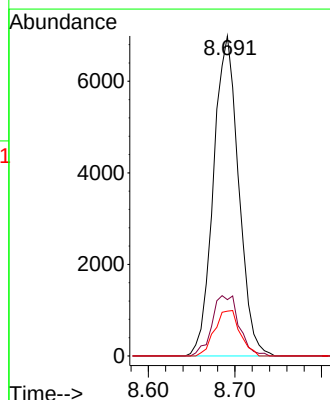
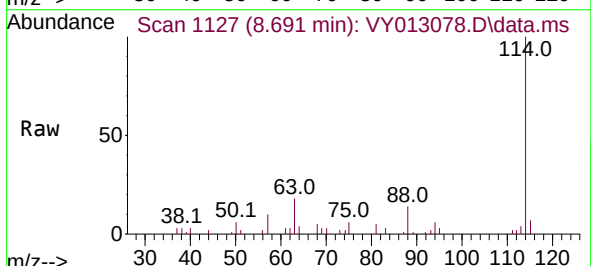
Tgt Ion: 114 Resp: 14107

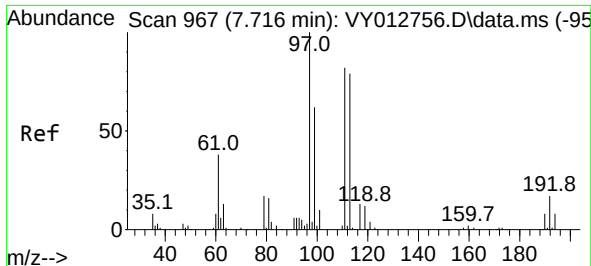
Ion Ratio Lower Upper

114 100

63 17.6 0.0 37.4

88 14.0 0.0 28.6





#35

Dibromofluoromethane

Concen: 63.546 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY013078.D

Acq: 24 Mar 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-032323

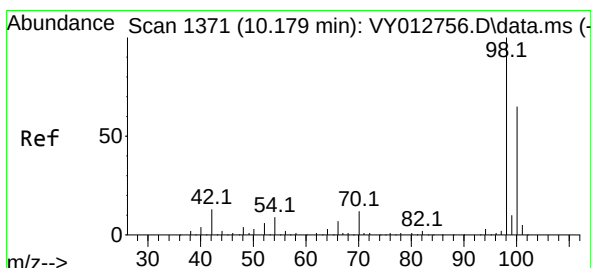
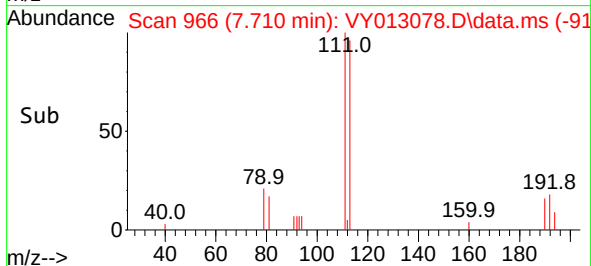
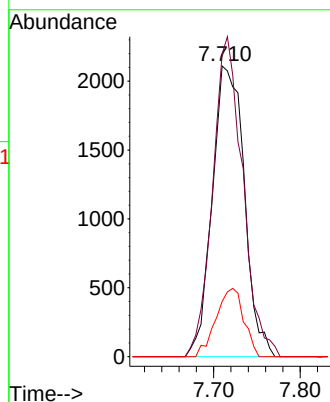
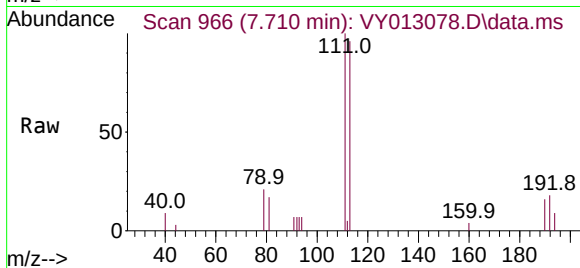
Tgt Ion:113 Resp: 5410

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 20.3 16.8 25.2



#50

Toluene-d8

Concen: 51.009 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013078.D

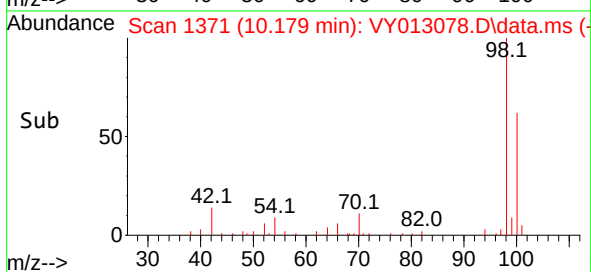
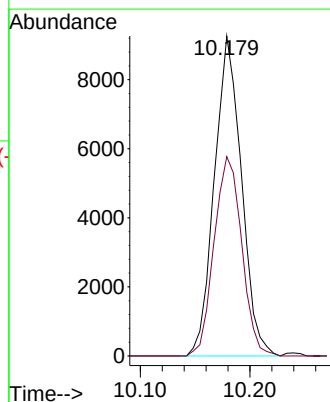
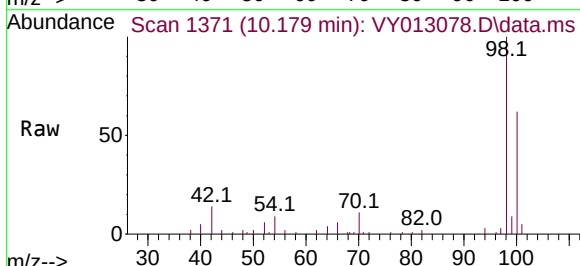
Acq: 24 Mar 2023 15:01

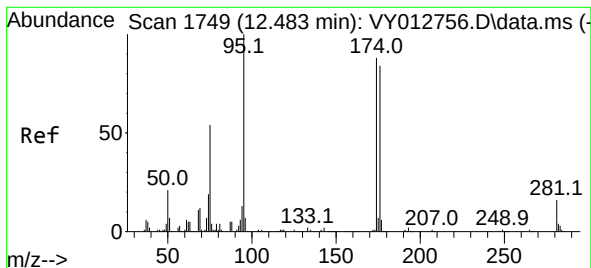
Tgt Ion: 98 Resp: 15876

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3

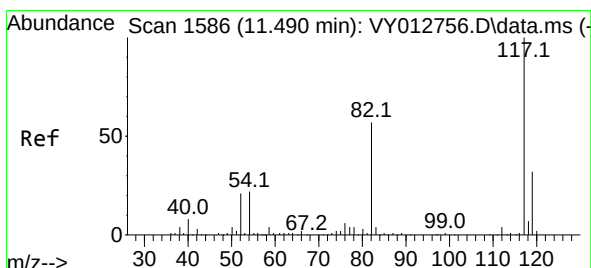
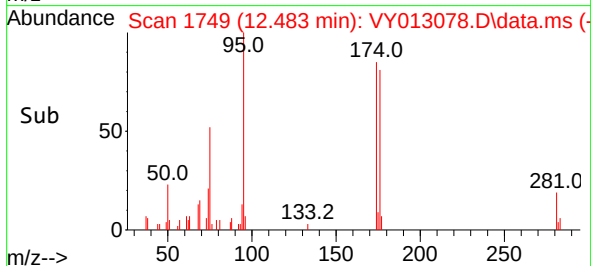
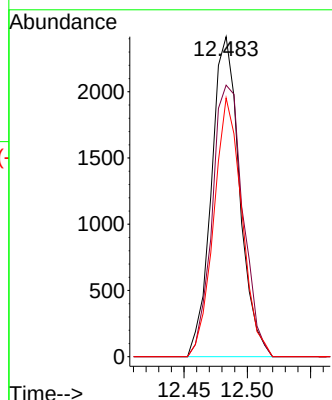
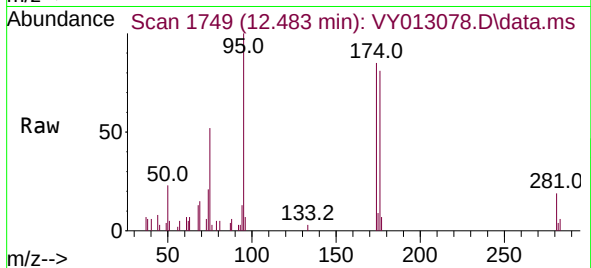




#62
4-Bromofluorobenzene
Concen: 35.621 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

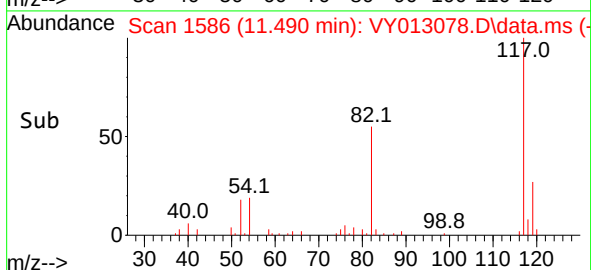
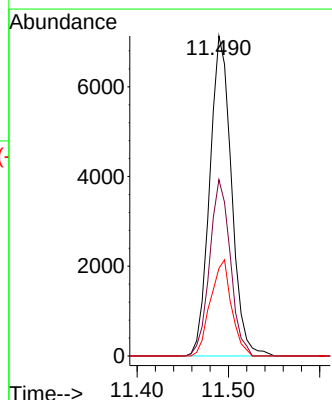
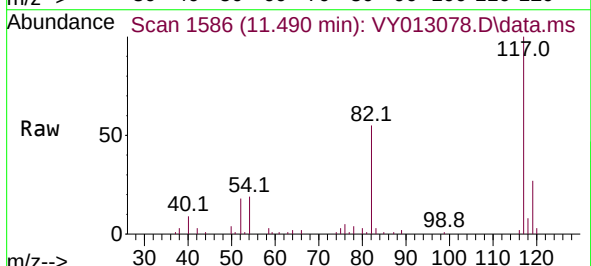
Instrument :
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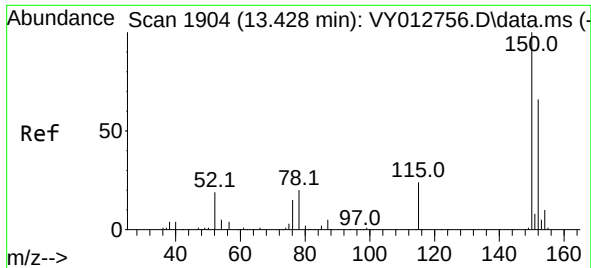
Tgt Ion: 95 Resp: 3742
Ion Ratio Lower Upper
95 100
174 92.6 0.0 176.6
176 80.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

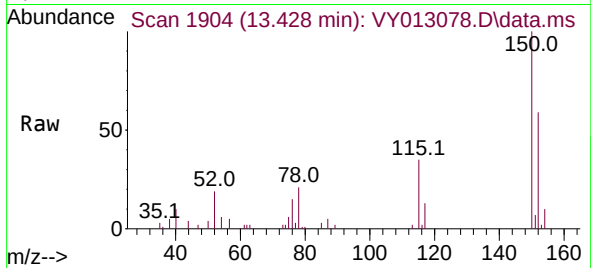
Tgt Ion: 117 Resp: 11768
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 27.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY013078.D
 Acq: 24 Mar 2023 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-032323



Tgt Ion:152 Resp: 3819
 Ion Ratio Lower Upper
 152 100
 115 59.0 27.1 81.3
 150 160.8 0.0 347.8

