

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013244.D
 Acq On : 11 Apr 2023 15:51
 Operator : KP/MD
 Sample : 02208-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-124035

Quant Time: Apr 11 17:10:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

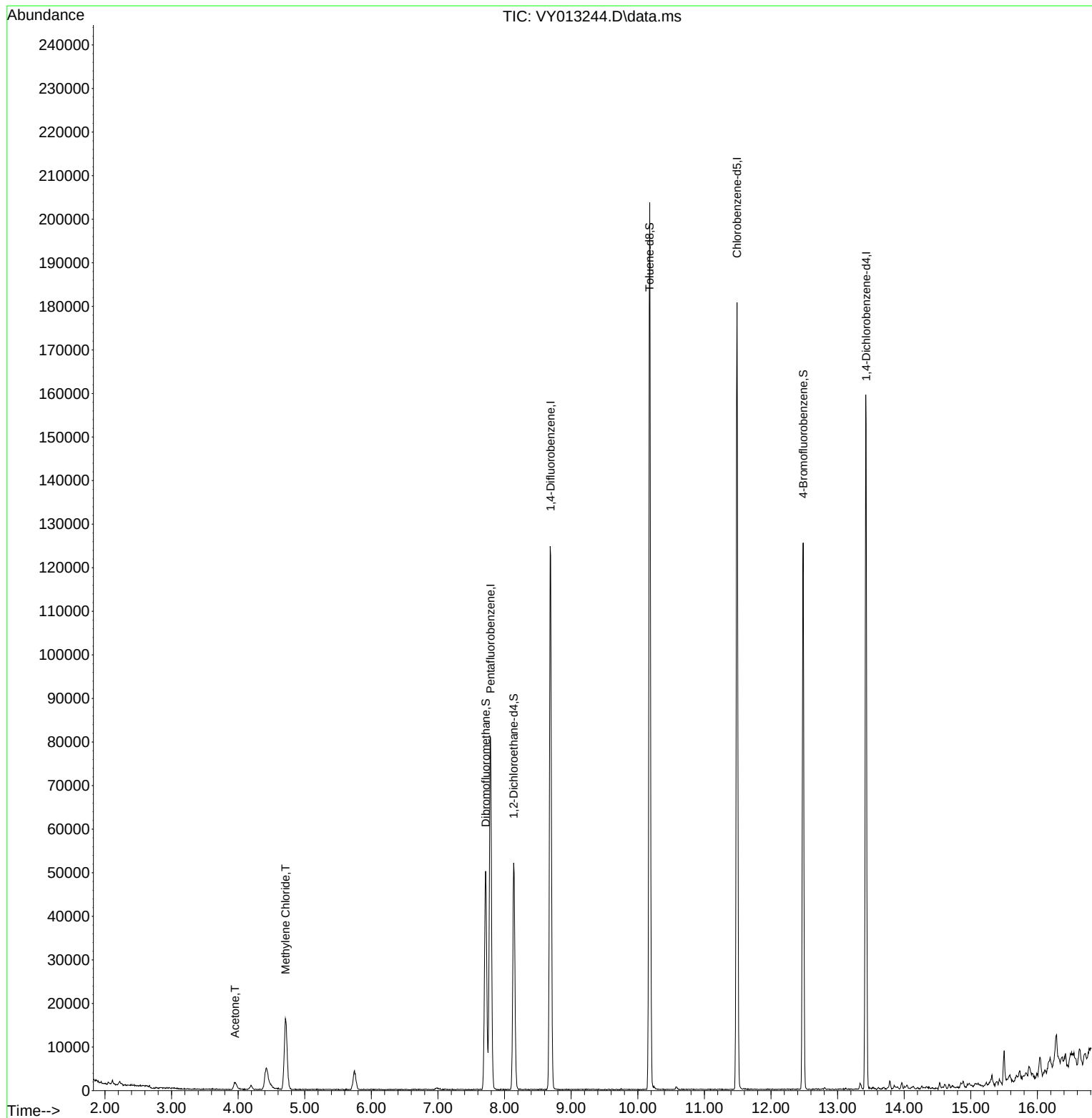
Internal Standards						
1) Pentafluorobenzene	7.789	168	62070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	103194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	92144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	40995	58.732	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.460%
35) Dibromofluoromethane	7.716	113	34826	56.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.920%
50) Toluene-d8	10.179	98	127084	58.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.680%
62) 4-Bromofluorobenzene	12.483	95	35395	45.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.800%
Target Compounds						
						Qvalue
16) Acetone	3.954	43	3810	13.413	ug/l	90
20) Methylene Chloride	4.710	84	11545	10.030	ug/l	96

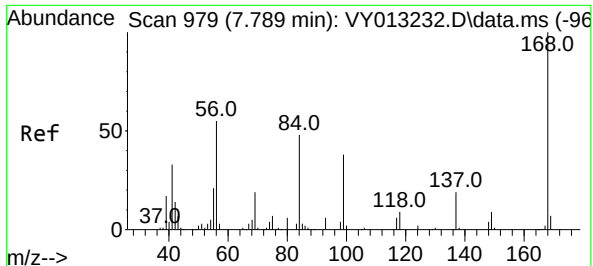
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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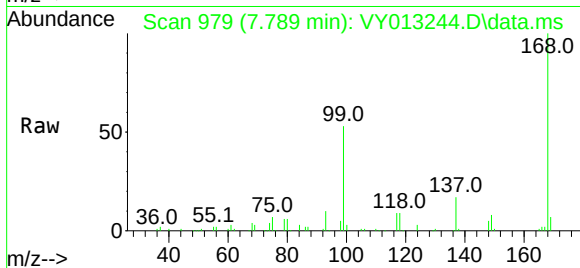
Quant Time: Apr 11 17:10:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
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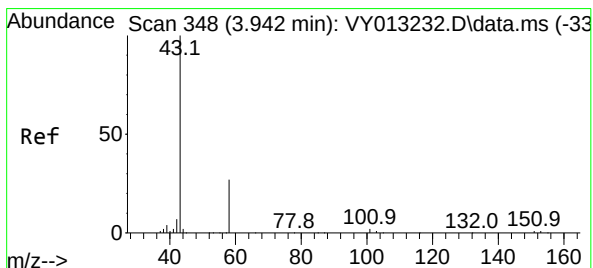
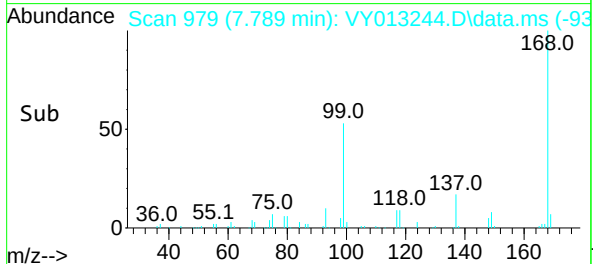
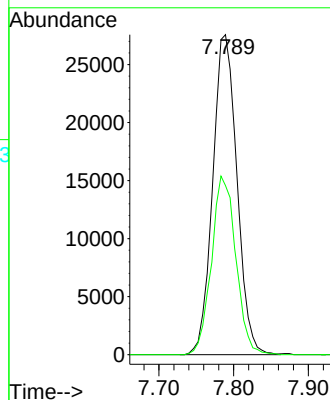


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013244.D
Acq: 11 Apr 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :
RO-124035

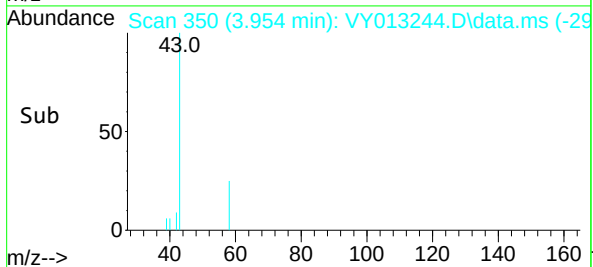
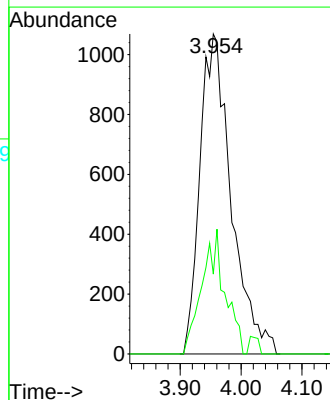
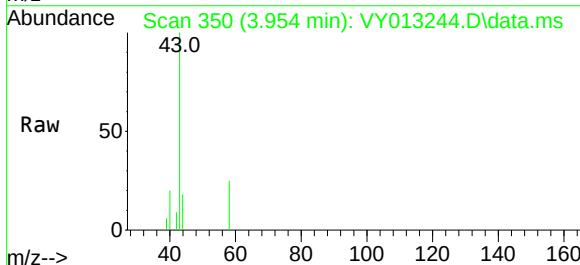


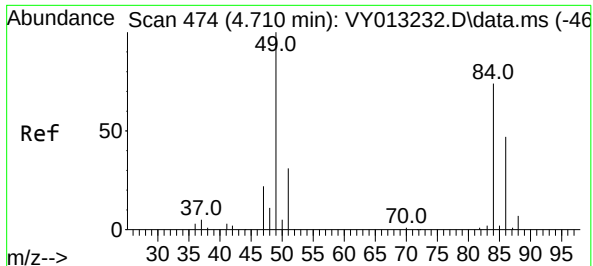
Tgt Ion:168 Resp: 62070
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#16
Acetone
Concen: 13.413 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY013244.D
Acq: 11 Apr 2023 15:51

Tgt Ion: 43 Resp: 3810
Ion Ratio Lower Upper
43 100
58 25.0 24.2 36.2





#20

Methylene Chloride

Concen: 10.030 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013244.D

Acq: 11 Apr 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

RO-124035

Tgt Ion: 84 Resp: 11545

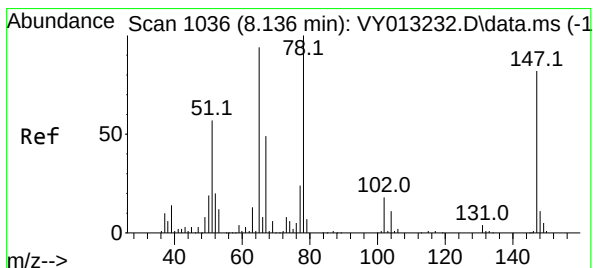
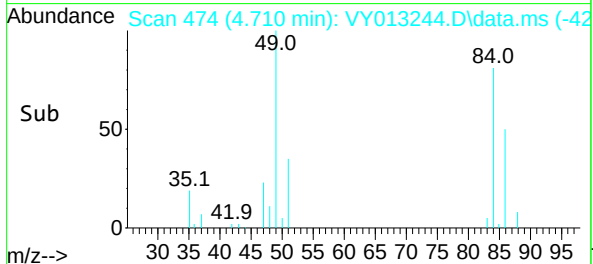
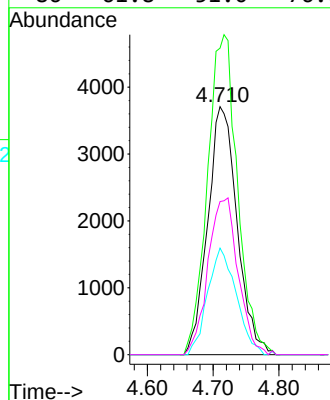
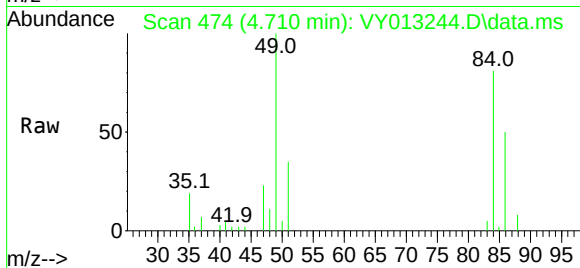
Ion Ratio Lower Upper

84 100

49 123.7 102.6 154.0

51 42.9 31.9 47.9

86 61.8 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 58.732 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY013244.D

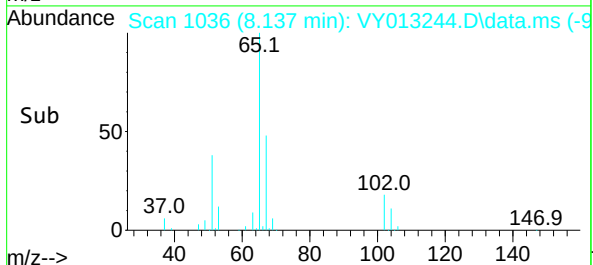
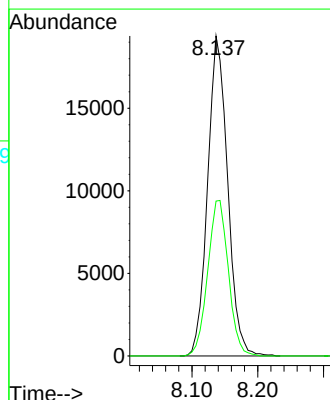
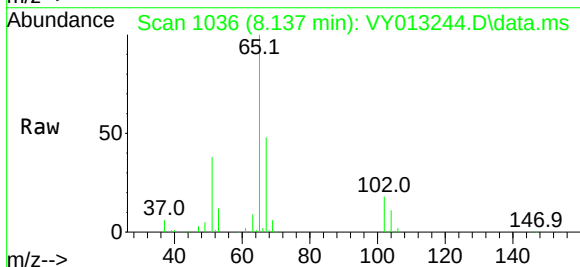
Acq: 11 Apr 2023 15:51

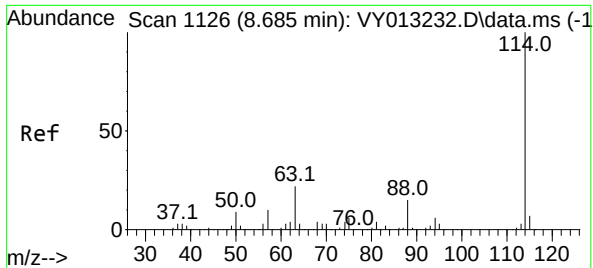
Tgt Ion: 65 Resp: 40995

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY013244.D

Acq: 11 Apr 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

RO-124035

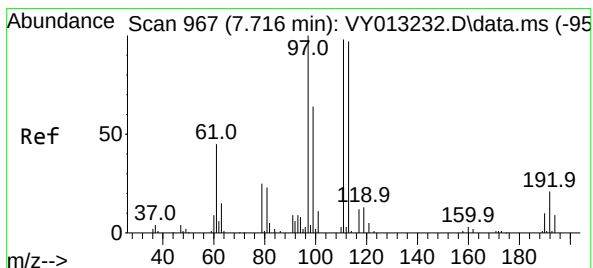
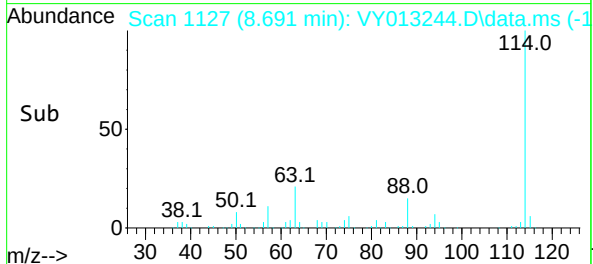
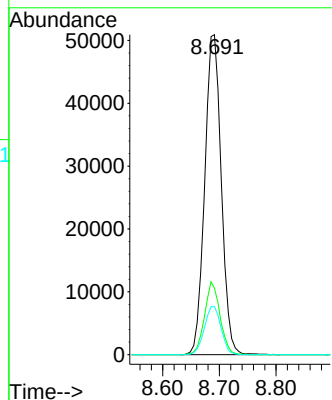
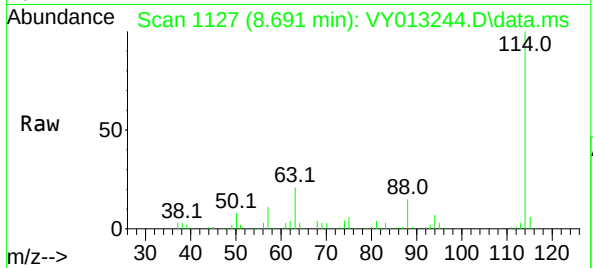
Tgt Ion:114 Resp: 103194

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 15.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.458 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013244.D

Acq: 11 Apr 2023 15:51

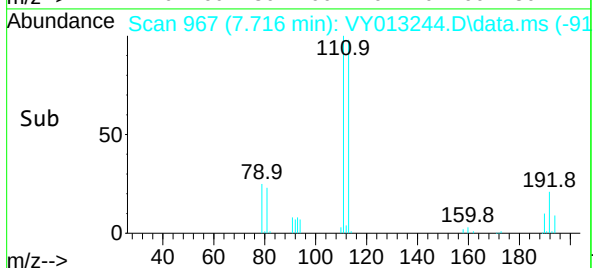
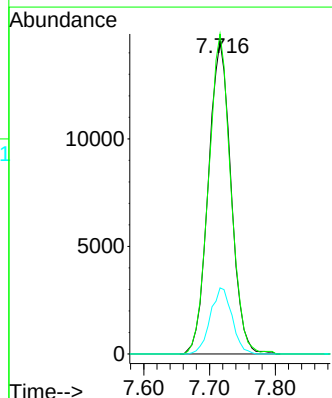
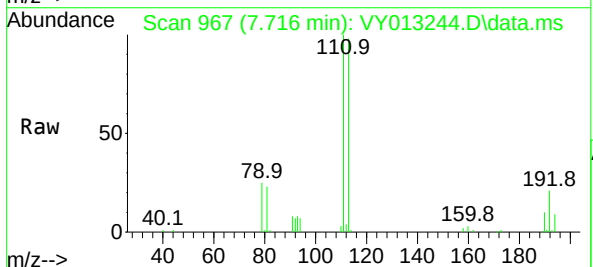
Tgt Ion:113 Resp: 34826

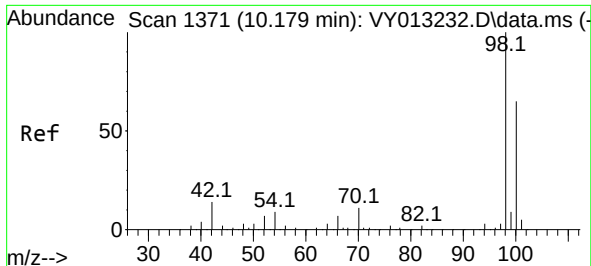
Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.2

192 20.2 16.8 25.2

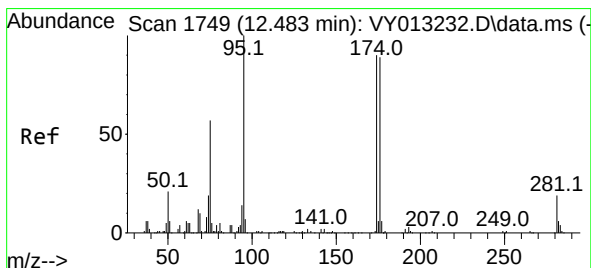
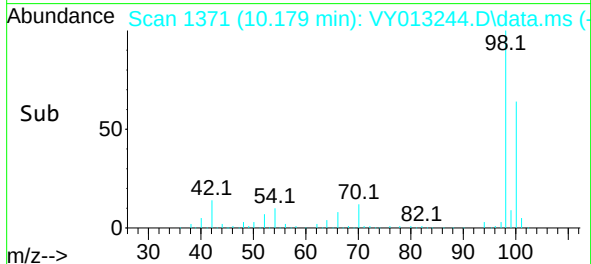
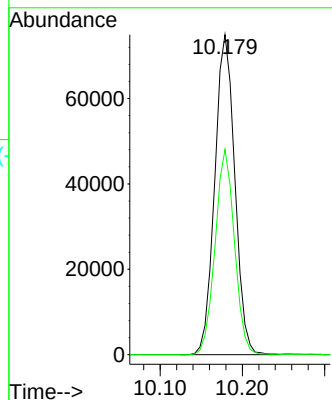
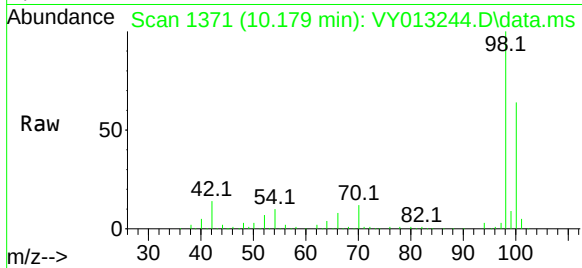




#50
Toluene-d8
Concen: 58.845 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013244.D
Acq: 11 Apr 2023 15:51

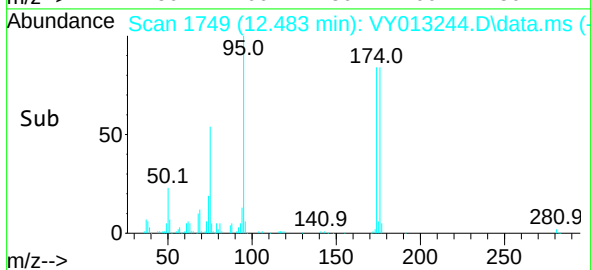
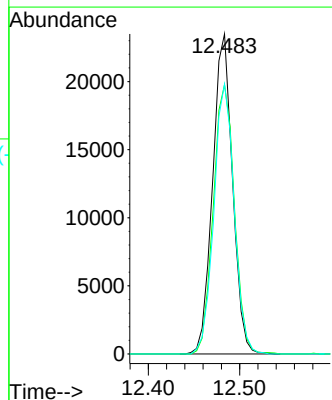
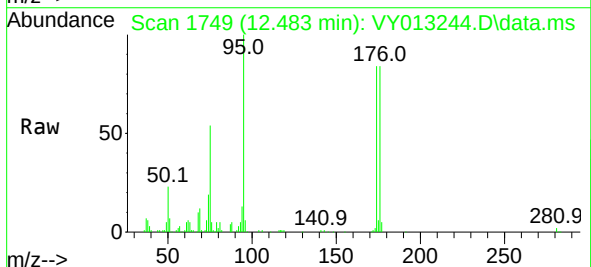
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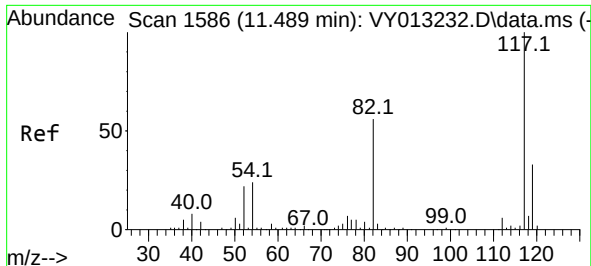
Tgt Ion: 98 Resp: 127084
Ion Ratio Lower Upper
98 100
100 62.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.896 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013244.D
Acq: 11 Apr 2023 15:51

Tgt Ion: 95 Resp: 35395
Ion Ratio Lower Upper
95 100
174 89.4 0.0 176.6
176 86.3 0.0 170.2

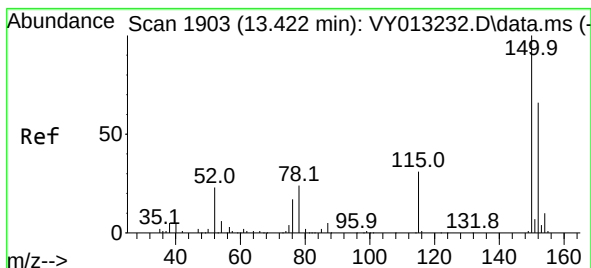
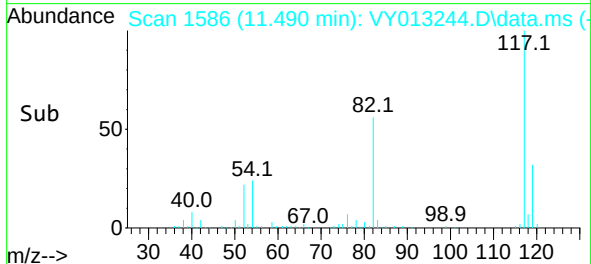
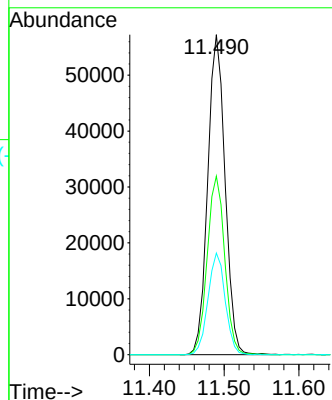
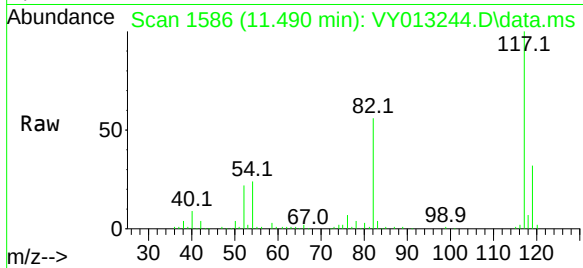




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1158
Delta R.T. 0.001 min
Lab File: VY013244.D
Acq: 11 Apr 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :
RO-124035

Tgt Ion:117 Resp: 92144
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013244.D
Acq: 11 Apr 2023 15:51

Tgt Ion:152 Resp: 38736
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 157.1 0.0 347.8

