

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013476.D
 Acq On : 26 Apr 2023 16:16
 Operator : KP/MD
 Sample : 02390-10
 Misc : 3.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPC-3WC-23-04-17

Quant Time: Apr 27 01:34:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

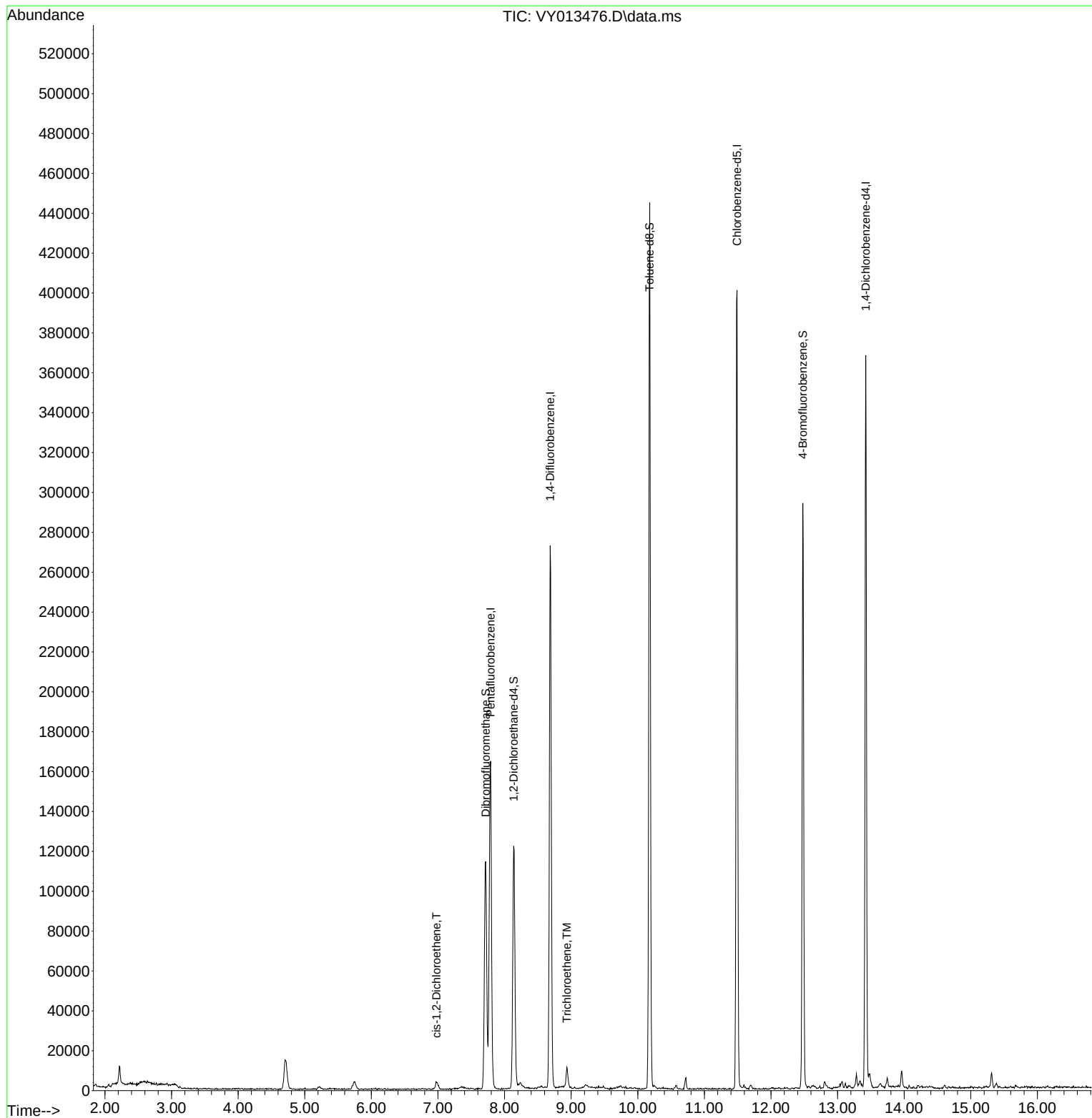
Internal Standards						
1) Pentafluorobenzene	7.789	168	120459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	219186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	94649	71.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.360%	
35) Dibromofluoromethane	7.716	113	81315	58.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.960%	
50) Toluene-d8	10.179	98	271155	55.291	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.580%	
62) 4-Bromofluorobenzene	12.477	95	83430	50.462	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.920%	
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	6.978	96	1841	1.217	ug/l	88
44) Trichloroethene	8.935	130	3237	1.888	ug/l	97

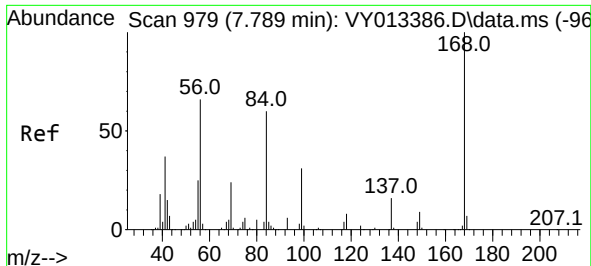
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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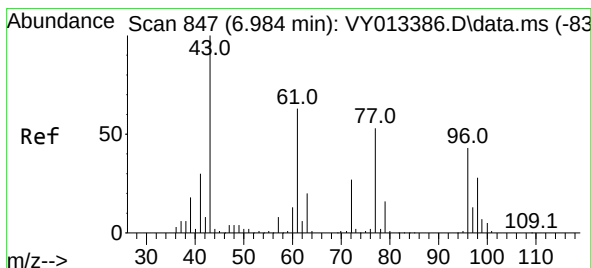
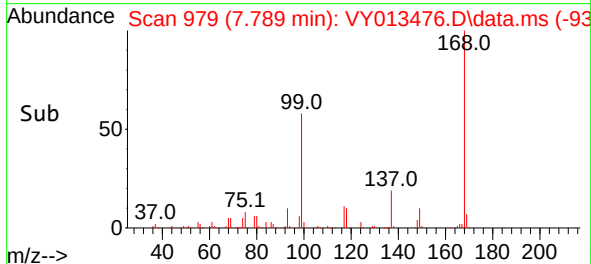
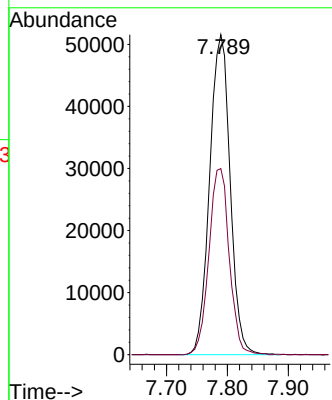
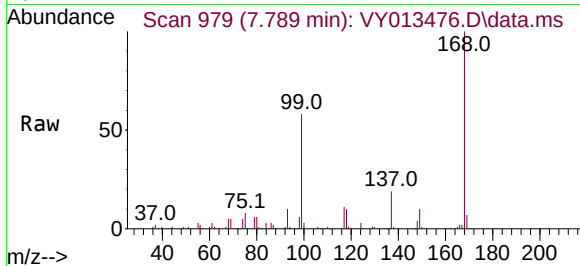




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013476.D
Acq: 26 Apr 2023 16:16

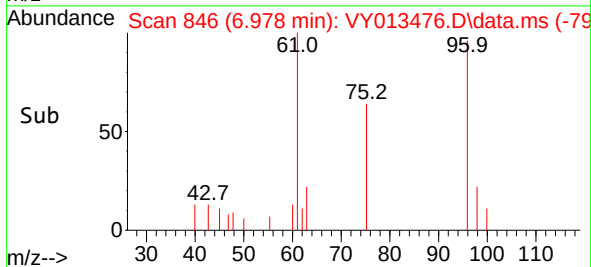
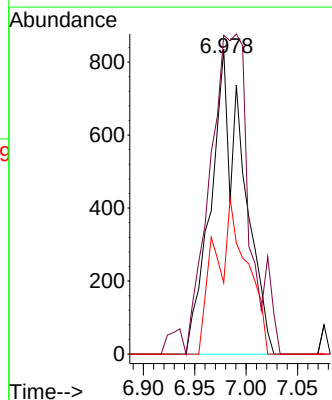
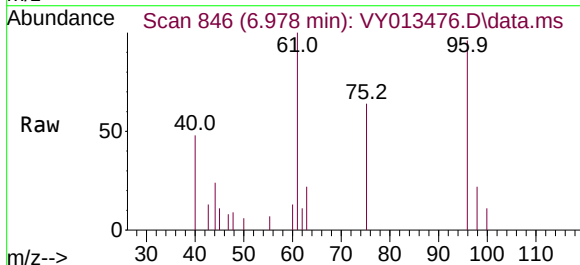
Instrument :
MSVOA_Y
ClientSampleId :
SPC-3WC-23-04-17

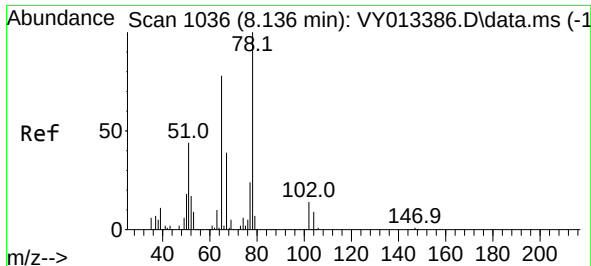
Tgt Ion:168 Resp: 120459
Ion Ratio Lower Upper
168 100
99 58.2 41.8 62.6



#27
cis-1,2-Dichloroethene
Concen: 1.217 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013476.D
Acq: 26 Apr 2023 16:16

Tgt Ion: 96 Resp: 1841
Ion Ratio Lower Upper
96 100
61 131.6 0.0 285.0
98 50.0 0.0 130.6





#33

1,2-Dichloroethane-d4

Concen: 71.677 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY013476.D

Acq: 26 Apr 2023 16:16

Instrument :

MSVOA_Y

ClientSampleId :

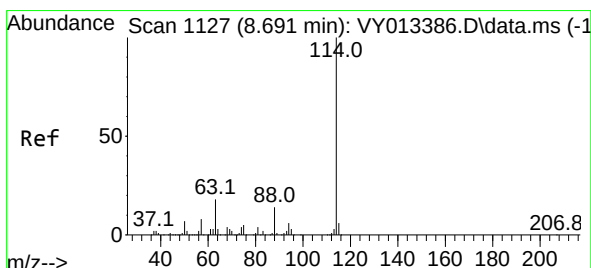
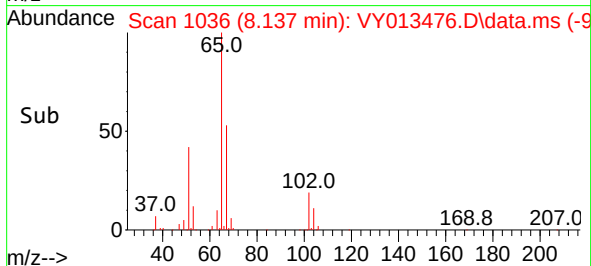
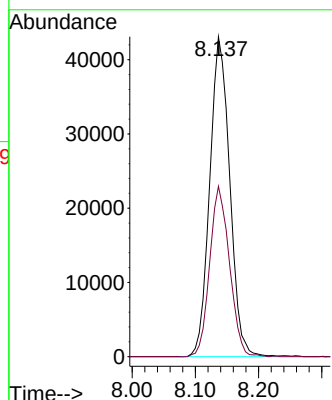
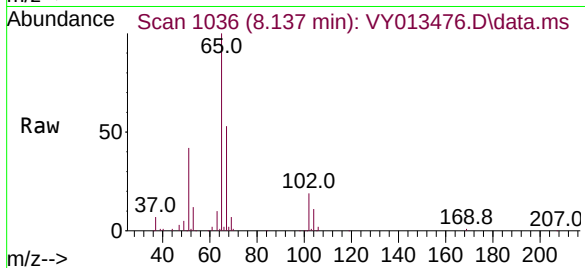
SPC-3WC-23-04-17

Tgt Ion: 65 Resp: 94649

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013476.D

Acq: 26 Apr 2023 16:16

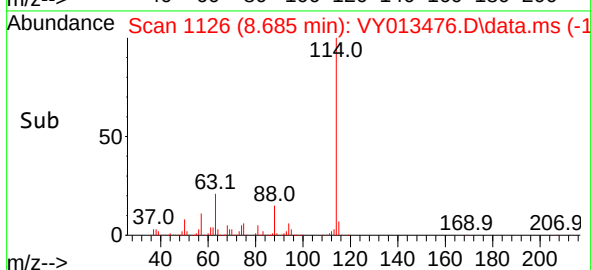
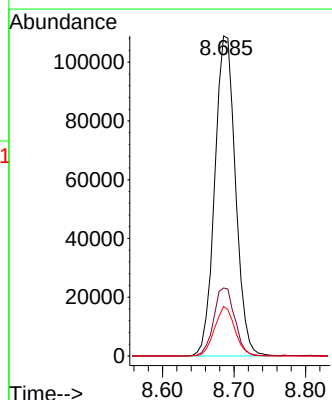
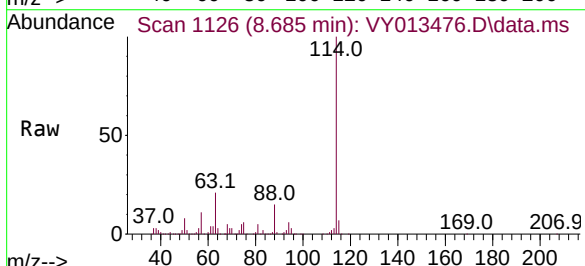
Tgt Ion: 114 Resp: 219186

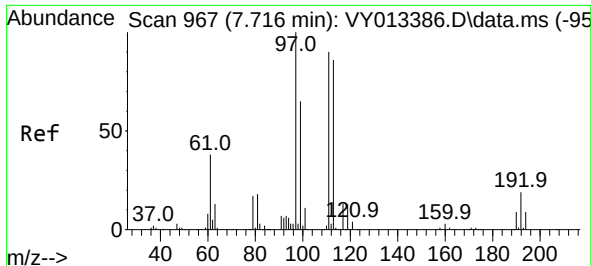
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.6

88 15.5 0.0 28.8

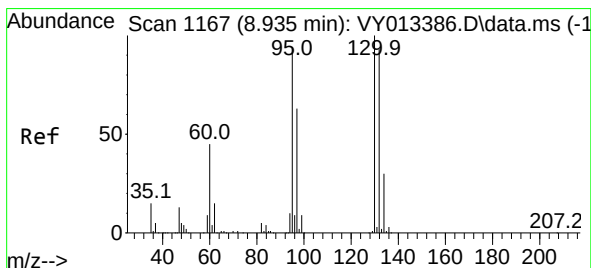
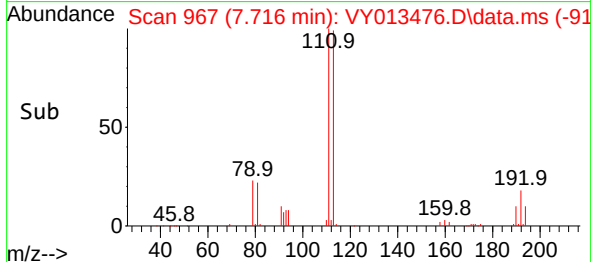
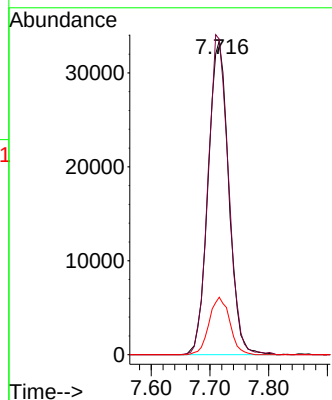
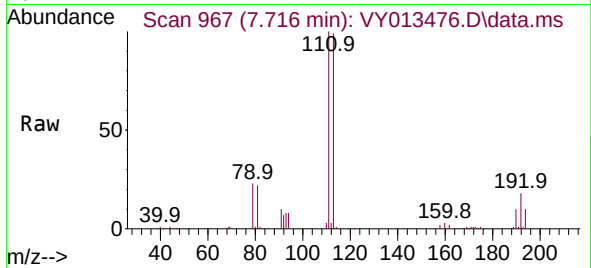




#35
Dibromofluoromethane
Concen: 58.985 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013476.D
Acq: 26 Apr 2023 16:16

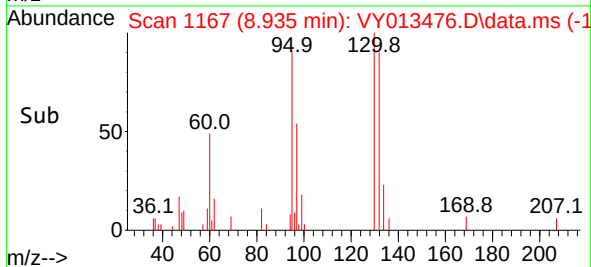
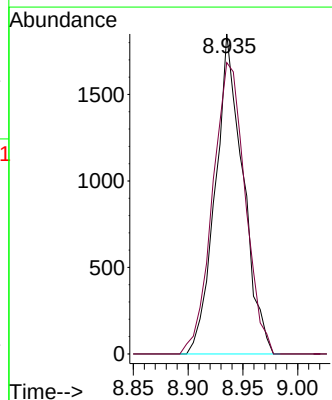
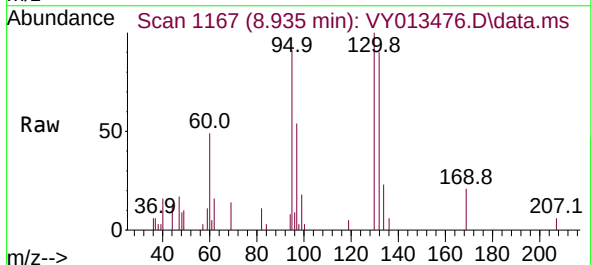
Instrument :
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SPC-3WC-23-04-17

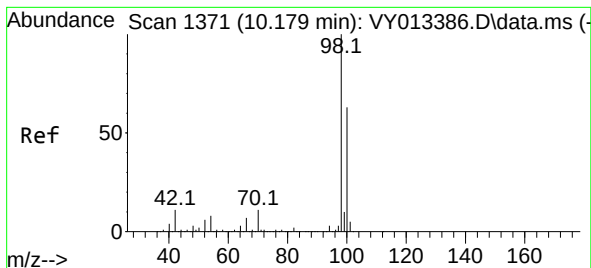
Tgt Ion:113 Resp: 81315
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 18.3 16.7 25.1



#44
Trichloroethene
Concen: 1.888 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013476.D
Acq: 26 Apr 2023 16:16

Tgt Ion:130 Resp: 3237
Ion Ratio Lower Upper
130 100
95 91.0 0.0 188.8





#50

Toluene-d8

Concen: 55.291 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013476.D

Acq: 26 Apr 2023 16:16

Instrument :

MSVOA_Y

ClientSampleId :

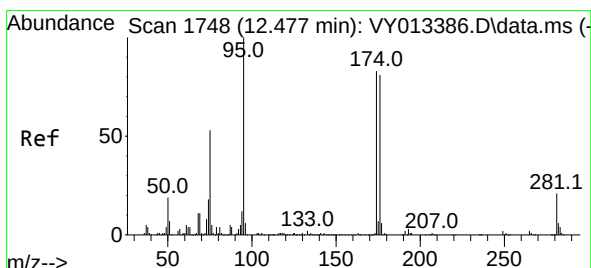
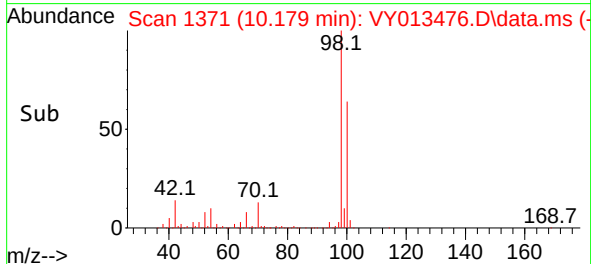
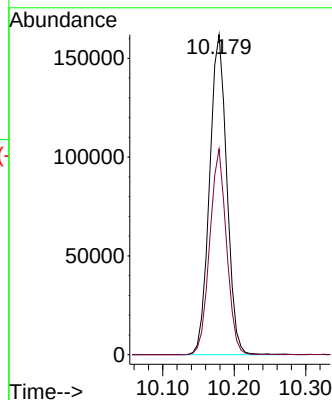
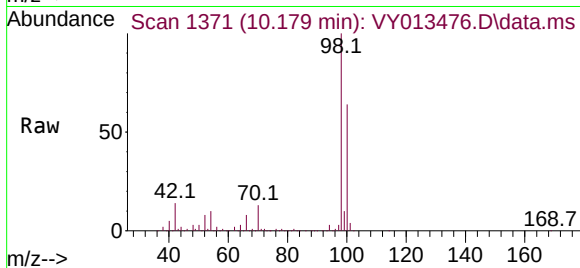
SPC-3WC-23-04-17

Tgt Ion: 98 Resp: 271155

Ion Ratio Lower Upper

98 100

100 62.7 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 50.462 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013476.D

Acq: 26 Apr 2023 16:16

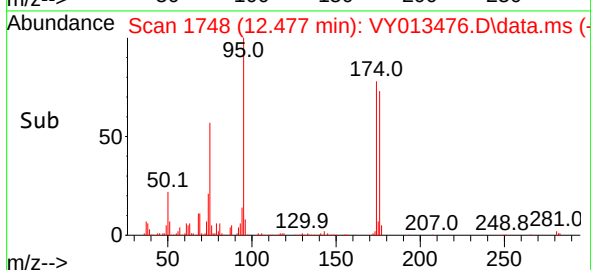
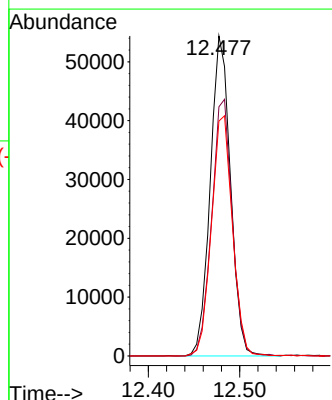
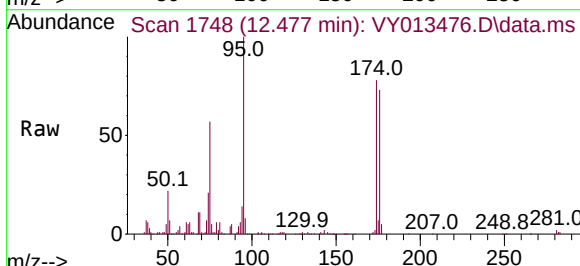
Tgt Ion: 95 Resp: 83430

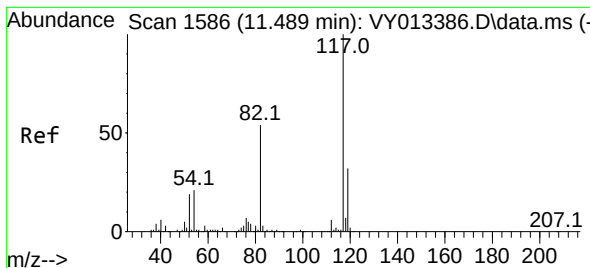
Ion Ratio Lower Upper

95 100

174 81.7 0.0 182.0

176 78.0 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013476.D

Acq: 26 Apr 2023 16:16

Instrument :

MSVOA_Y

ClientSampleId :

SPC-3WC-23-04-17

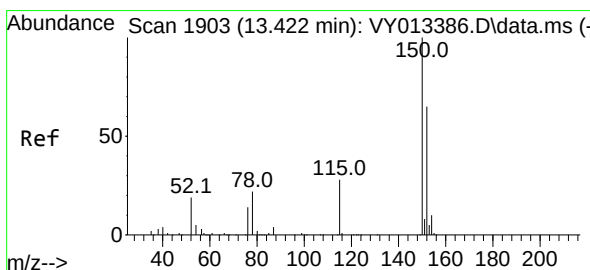
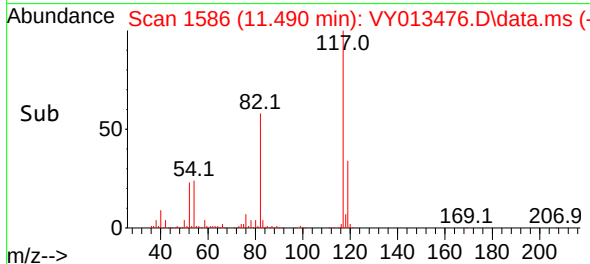
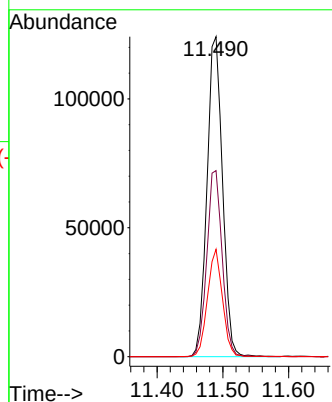
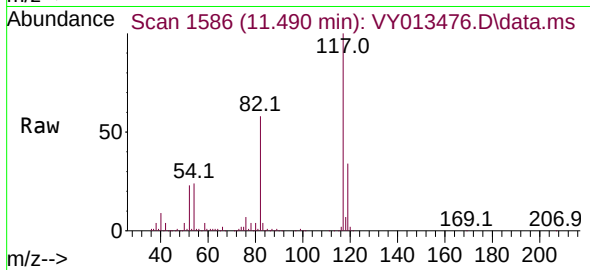
Tgt Ion:117 Resp: 203657

Ion Ratio Lower Upper

117 100

82 58.2 43.0 64.6

119 33.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013476.D

Acq: 26 Apr 2023 16:16

Tgt Ion:152 Resp: 84812

Ion Ratio Lower Upper

152 100

115 61.2 28.1 84.2

150 159.2 0.0 352.0

