

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016365.D
 Acq On : 15 Nov 2023 14:47
 Operator : SY/MD
 Sample : 05425-02
 Misc : 7.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 O-5(5-10)

Quant Time: Nov 16 00:04:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

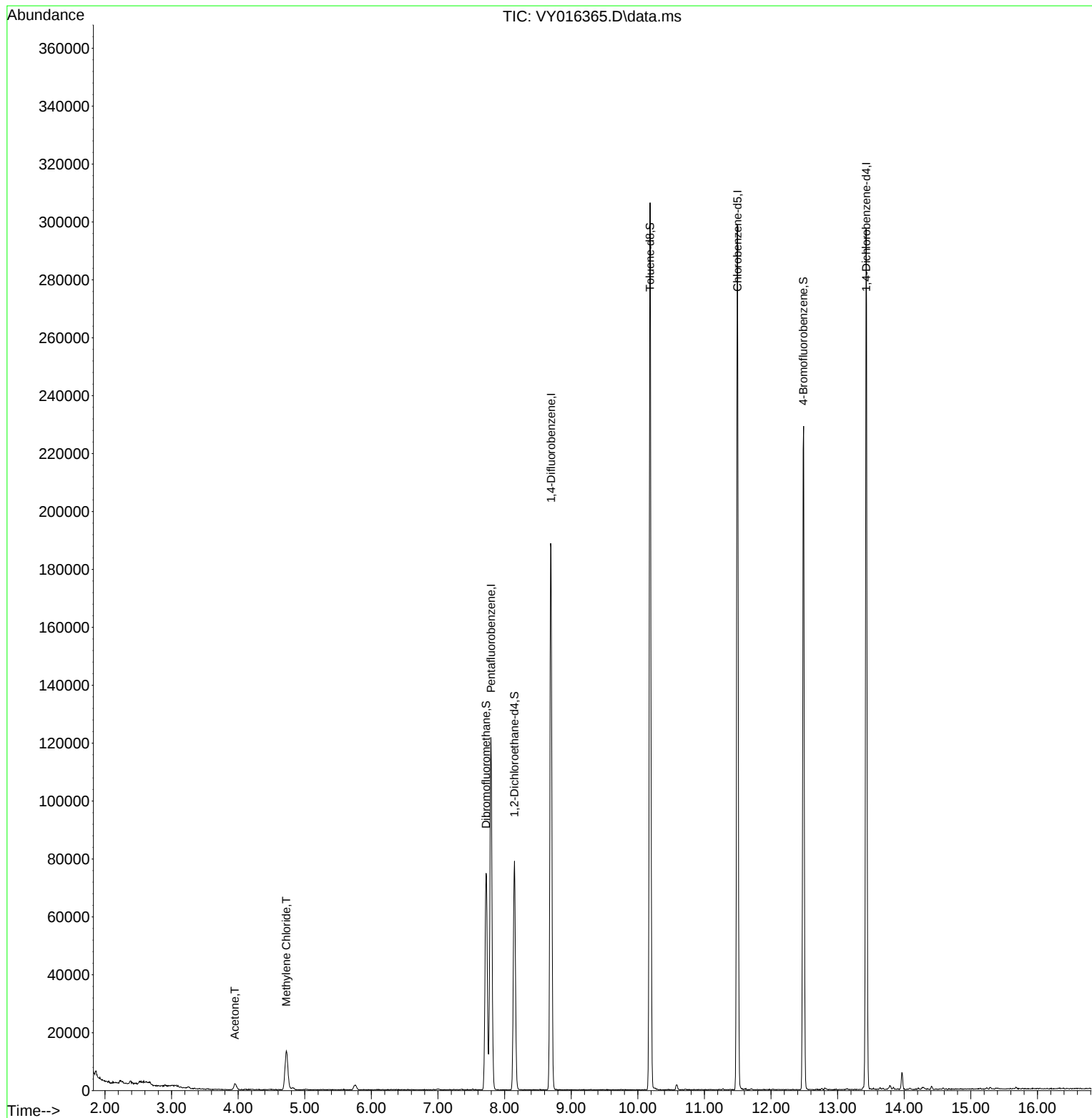
Internal Standards						
1) Pentafluorobenzene	7.795	168	95178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	169078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	163560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63281	72.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.500%
35) Dibromofluoromethane	7.722	113	54000	56.222	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.440%
50) Toluene-d8	10.185	98	199494	51.219	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.440%
62) 4-Bromofluorobenzene	12.483	95	69365	54.834	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.660%
Target Compounds						
16) Acetone	3.948	43	3830	26.617	ug/l	90
20) Methylene Chloride	4.722	84	10772	7.649	ug/l	90

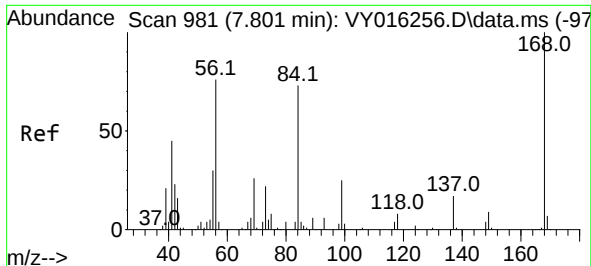
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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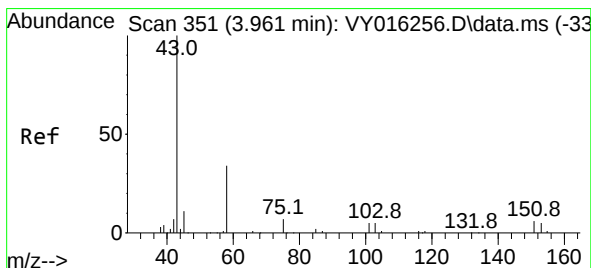
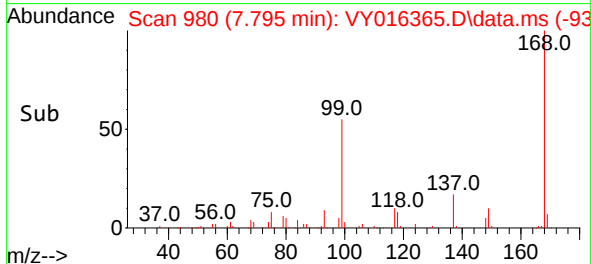
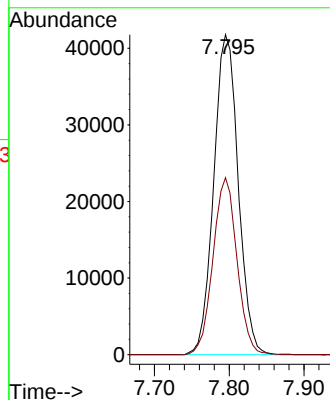
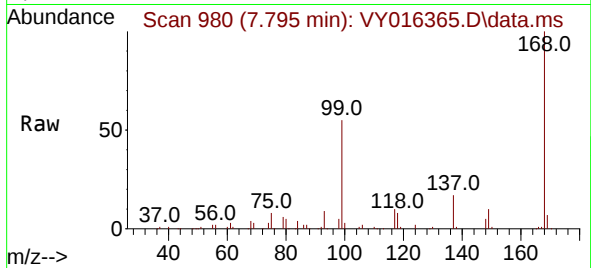




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016365.D
Acq: 15 Nov 2023 14:47

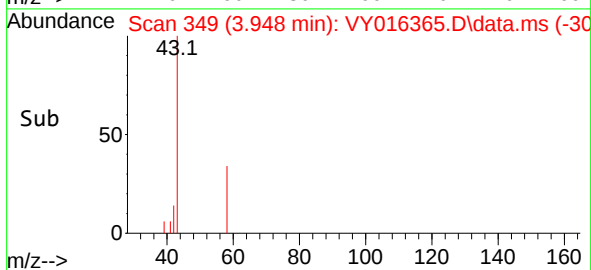
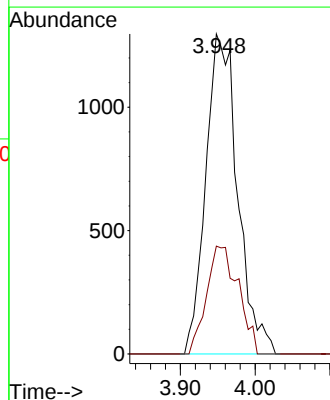
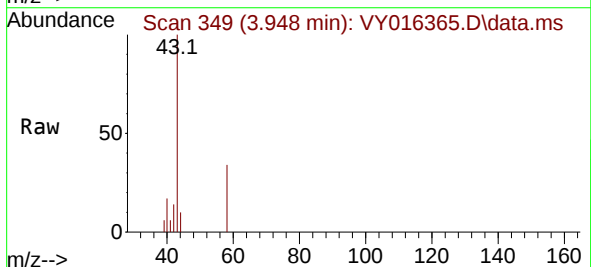
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)

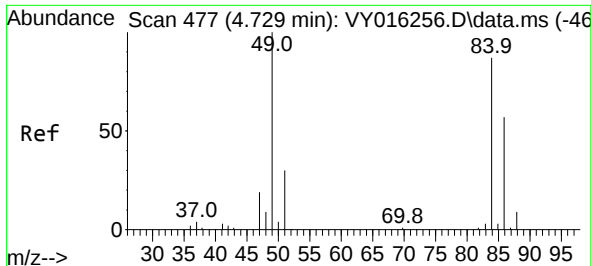
Tgt Ion:168 Resp: 95178
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#16
Acetone
Concen: 26.617 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016365.D
Acq: 15 Nov 2023 14:47

Tgt Ion: 43 Resp: 3830
Ion Ratio Lower Upper
43 100
58 33.7 22.7 34.1





#20

Methylene Chloride

Concen: 7.649 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.007 min

Lab File: VY016365.D

Acq: 15 Nov 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

O-5(5-10)

Tgt Ion: 84 Resp: 10772

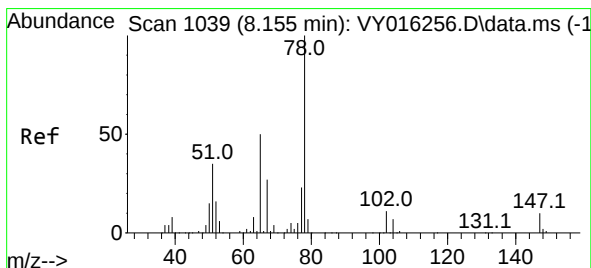
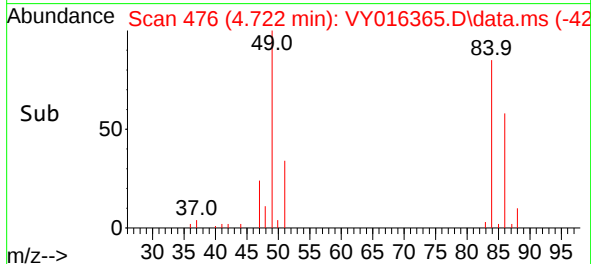
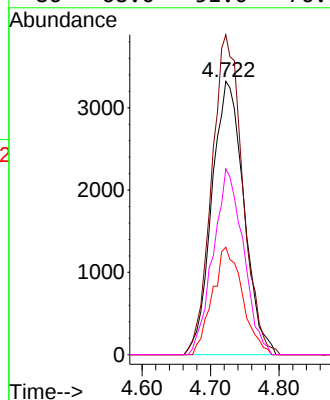
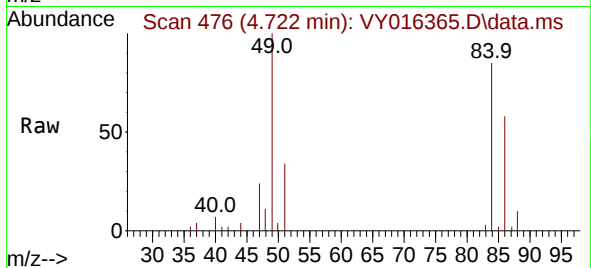
Ion Ratio Lower Upper

84 100

49 117.1 106.9 160.3

51 39.3 33.2 49.8

86 68.0 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 72.746 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY016365.D

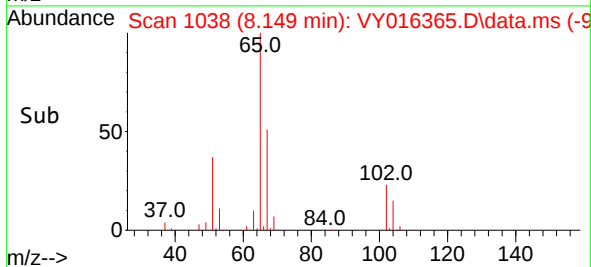
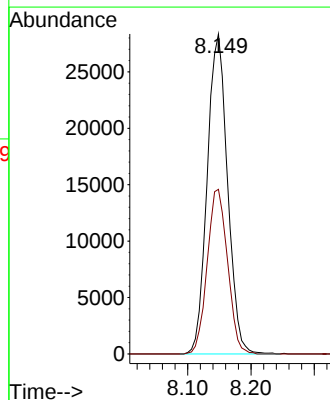
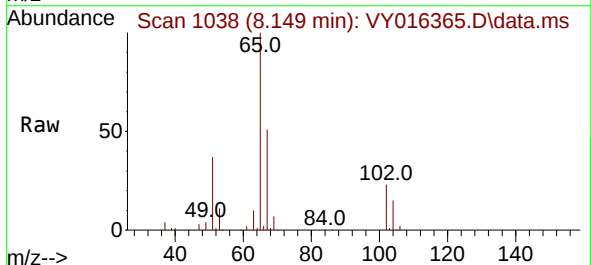
Acq: 15 Nov 2023 14:47

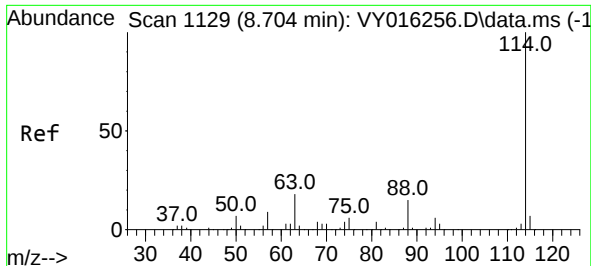
Tgt Ion: 65 Resp: 63281

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016365.D

Acq: 15 Nov 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

O-5(5-10)

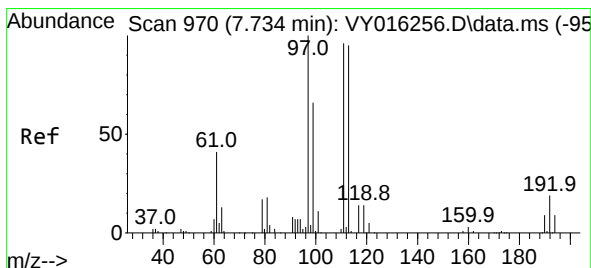
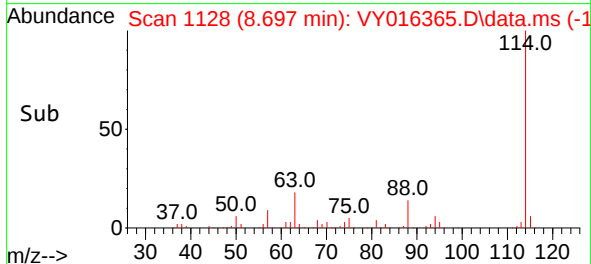
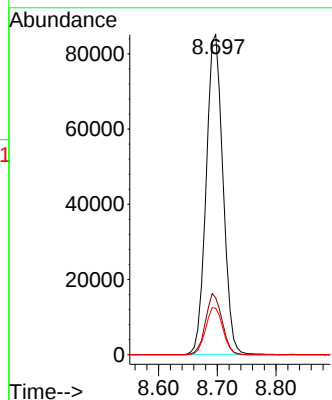
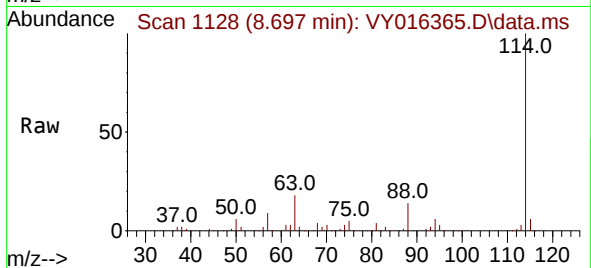
Tgt Ion:114 Resp: 169078

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.222 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016365.D

Acq: 15 Nov 2023 14:47

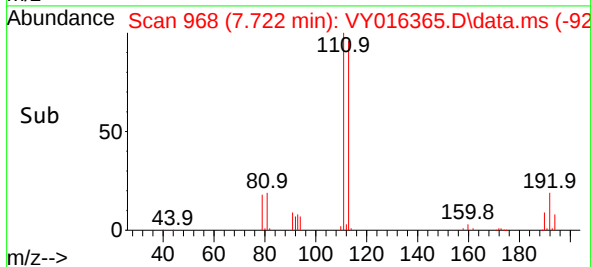
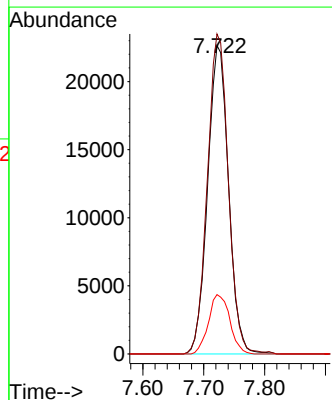
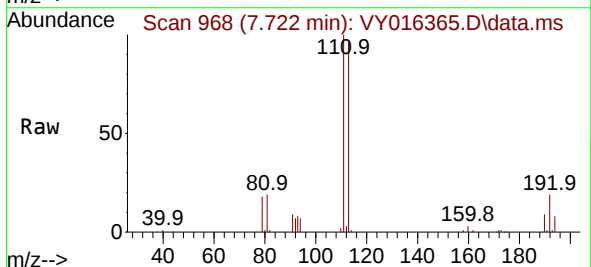
Tgt Ion:113 Resp: 54000

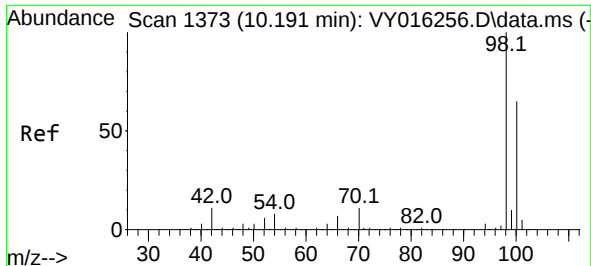
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 19.6 16.9 25.3

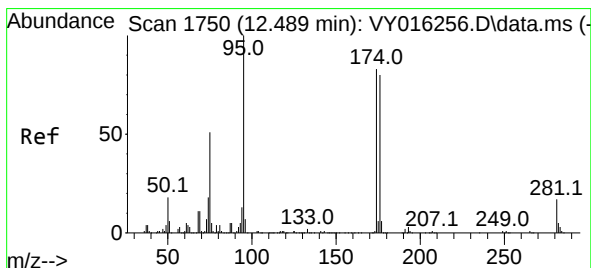
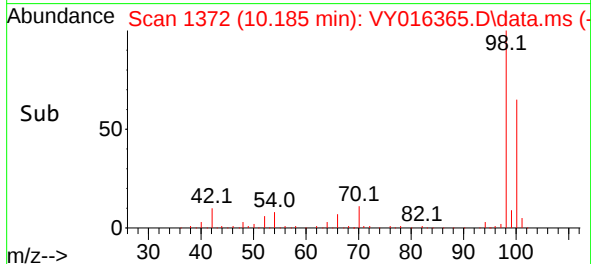
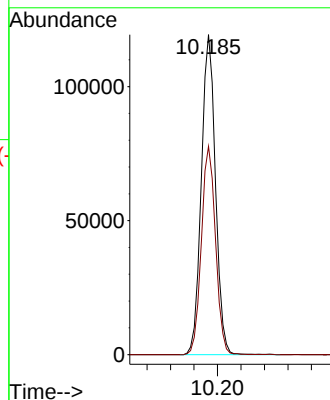
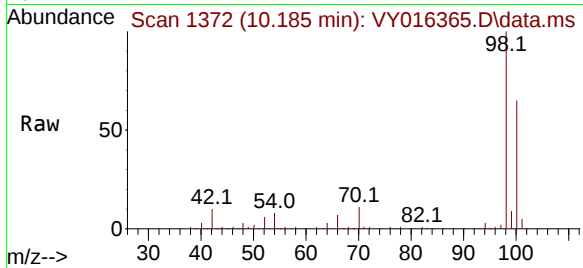




#50
Toluene-d8
Concen: 51.219 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016365.D
Acq: 15 Nov 2023 14:47

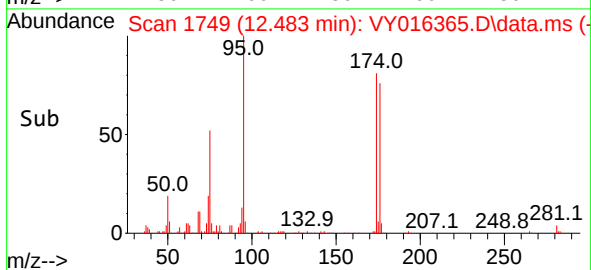
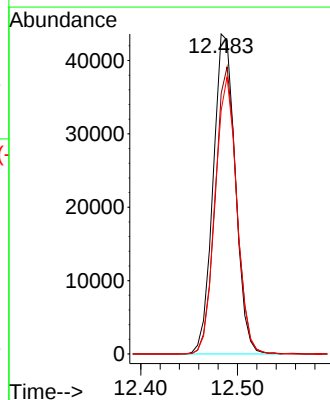
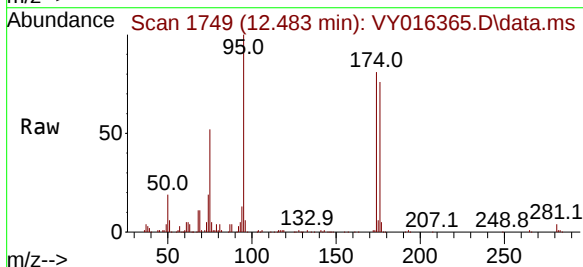
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)

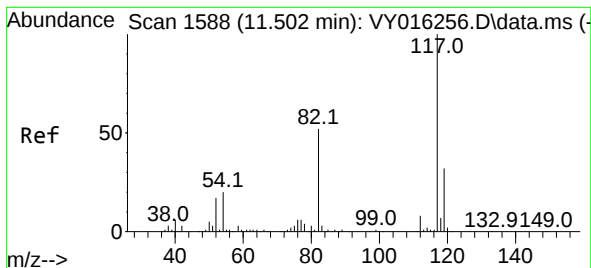
Tgt Ion: 98 Resp: 199494
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.834 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016365.D
Acq: 15 Nov 2023 14:47

Tgt Ion: 95 Resp: 69365
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 84.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016365.D

Acq: 15 Nov 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

O-5(5-10)

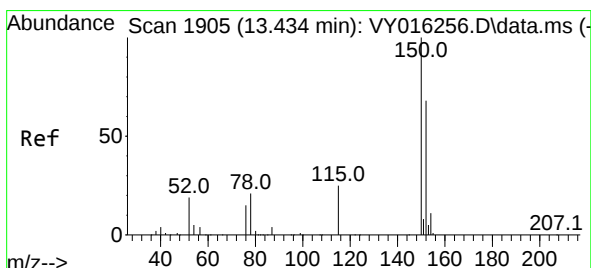
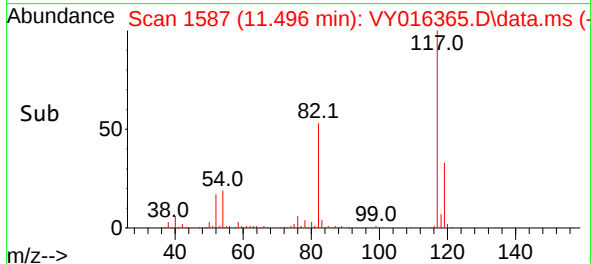
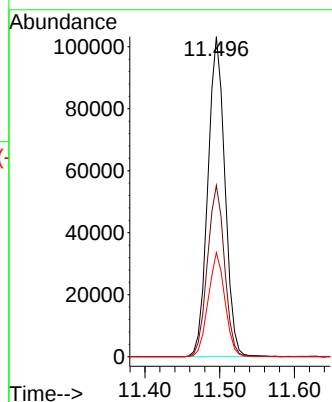
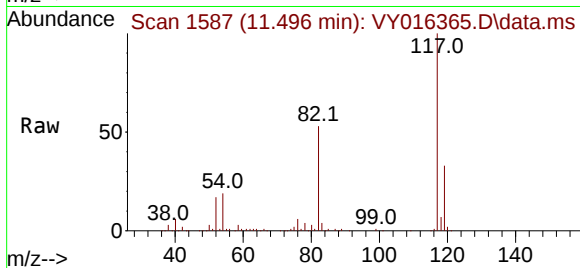
Tgt Ion:117 Resp: 163560

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 32.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016365.D

Acq: 15 Nov 2023 14:47

Tgt Ion:152 Resp: 76011

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 158.2 0.0 348.8

