

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012449.D
 Acq On : 01 Feb 2023 18:00
 Operator : KP/MD
 Sample : 01401-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-1-212023

Quant Time: Feb 01 23:07:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

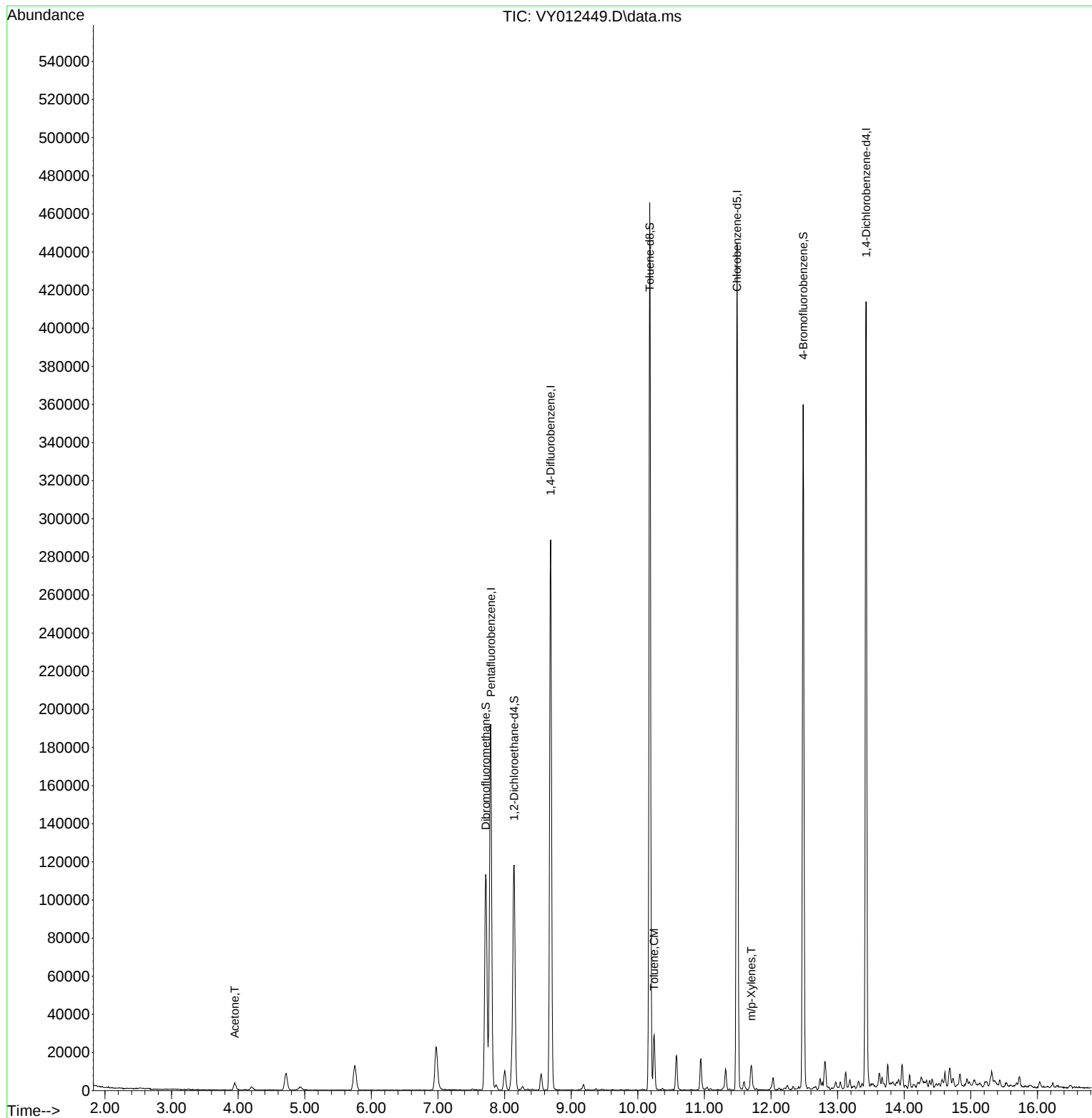
Internal Standards						
1) Pentafluorobenzene	7.795	168	152022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	262305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92953	75.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.600%
35) Dibromofluoromethane	7.716	113	81245	58.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.000%
50) Toluene-d8	10.179	98	306923	65.086	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.180%
62) 4-Bromofluorobenzene	12.483	95	103525	52.875	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.740%
Target Compounds						
16) Acetone	3.948	43	6146	14.519	ug/l	90
52) Toluene	10.246	92	12440	2.742	ug/l	99
68) m/p-Xylenes	11.703	106	3969	1.088	ug/l	97

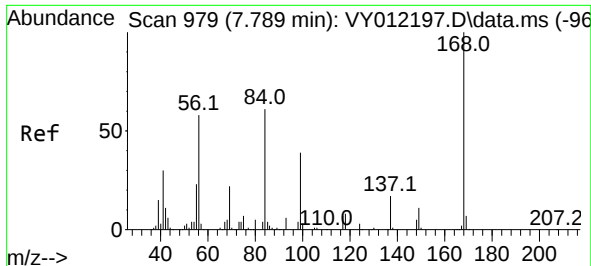
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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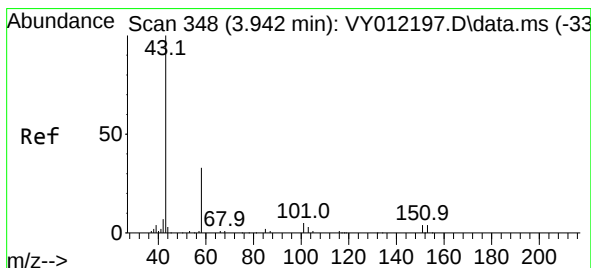
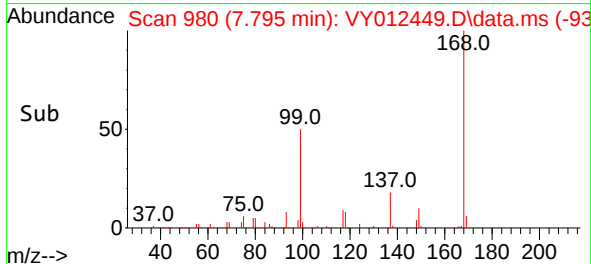
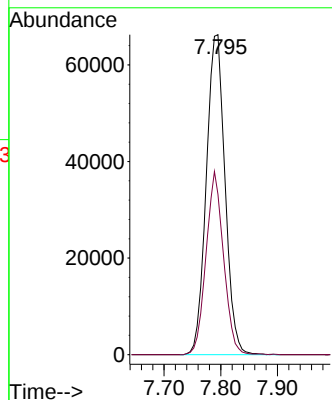
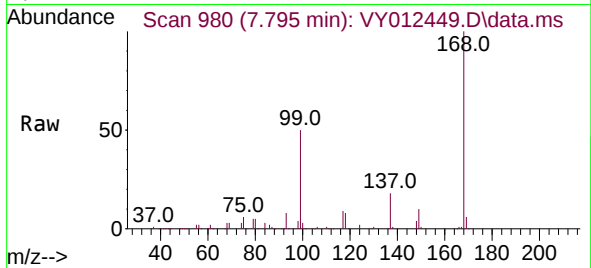




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012449.D
Acq: 01 Feb 2023 18:00

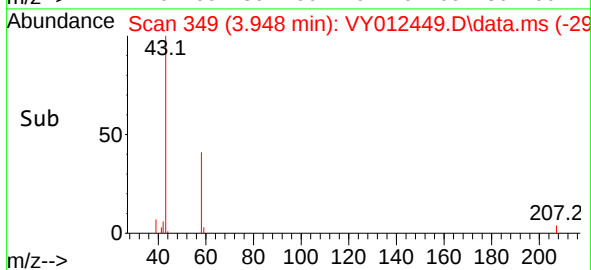
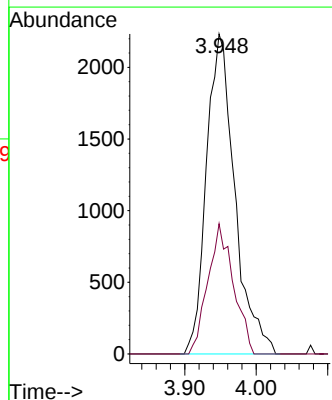
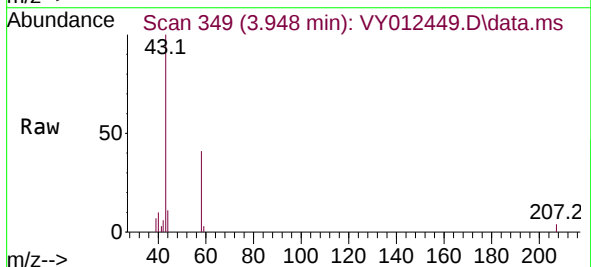
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-212023

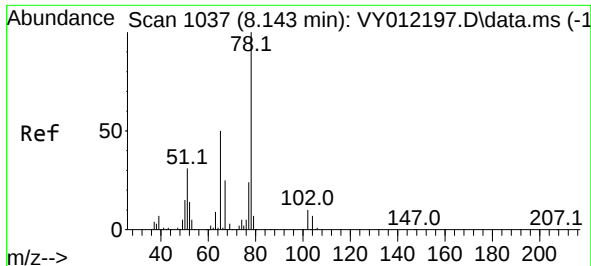
Tgt Ion:168 Resp: 152022
Ion Ratio Lower Upper
168 100
99 50.1 44.0 66.0



#16
Acetone
Concen: 14.519 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012449.D
Acq: 01 Feb 2023 18:00

Tgt Ion: 43 Resp: 6146
Ion Ratio Lower Upper
43 100
58 40.7 27.9 41.9





#33

1,2-Dichloroethane-d4

Concen: 75.796 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012449.D

Acq: 01 Feb 2023 18:00

Instrument :

MSVOA_Y

ClientSampleId :

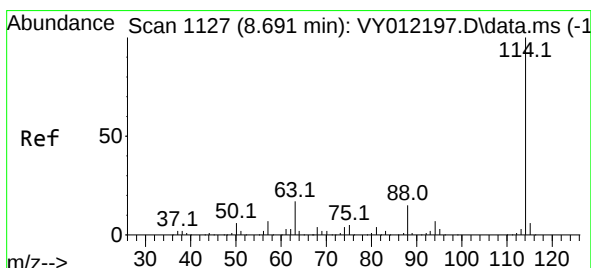
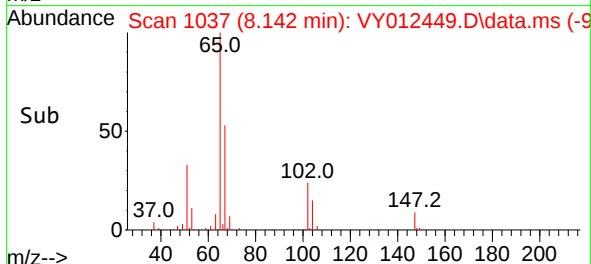
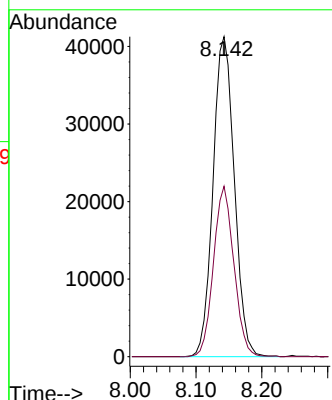
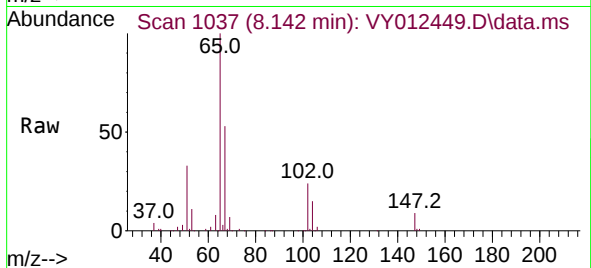
OK-1-212023

Tgt Ion: 65 Resp: 92953

Ion Ratio Lower Upper

65 100

67 51.1 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: VY012449.D

Acq: 01 Feb 2023 18:00

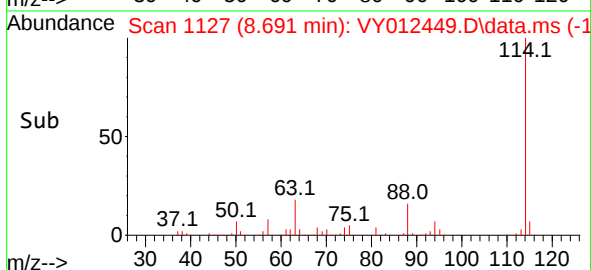
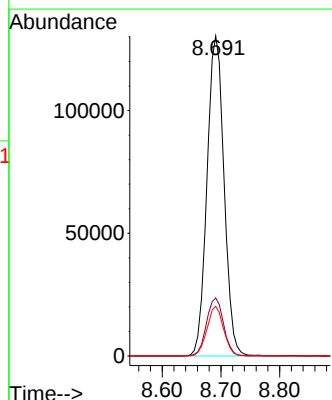
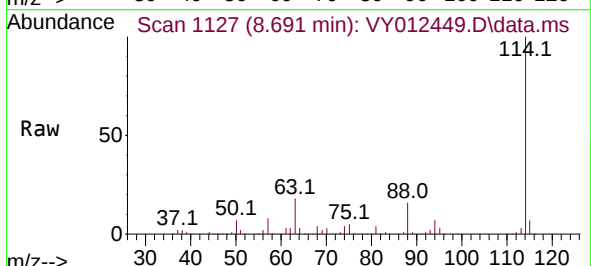
Tgt Ion: 114 Resp: 262305

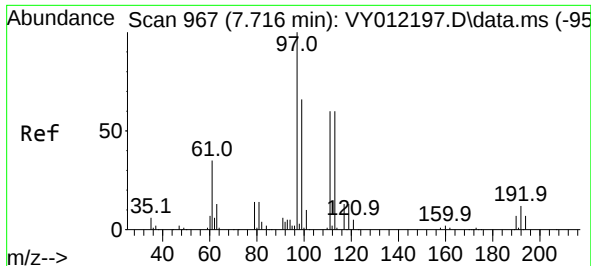
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.5 0.0 32.2

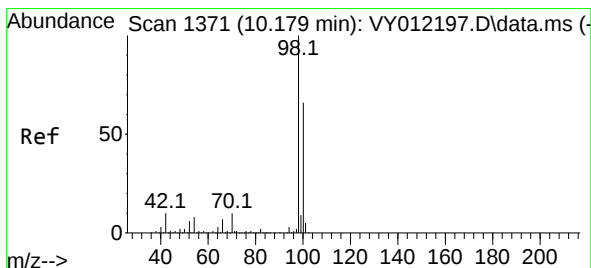
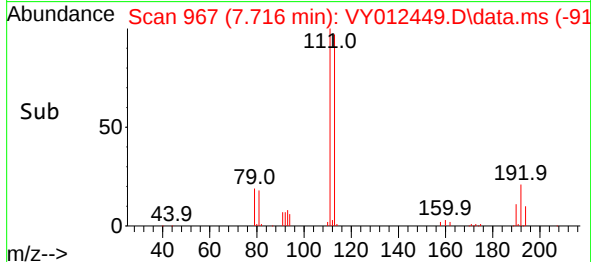
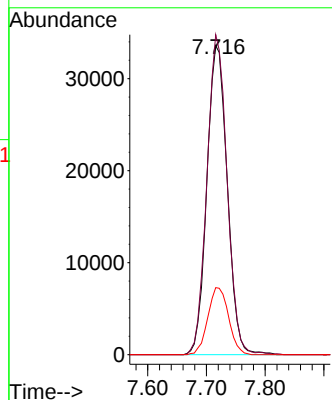
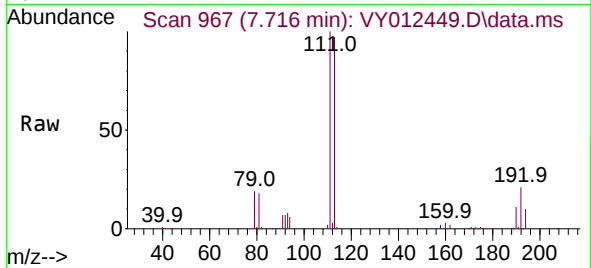




#35
Dibromofluoromethane
Concen: 58.496 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012449.D
Acq: 01 Feb 2023 18:00

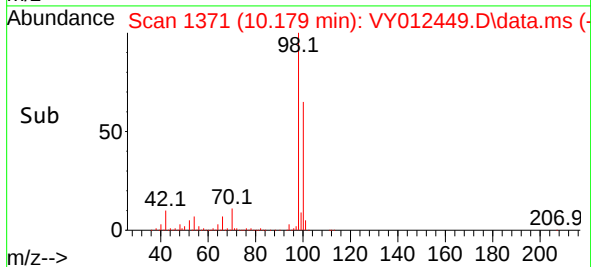
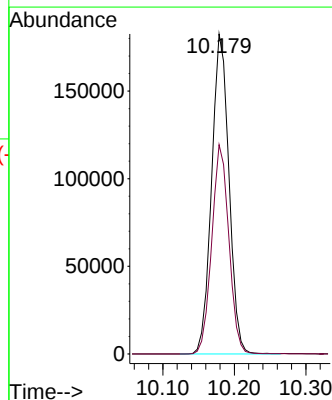
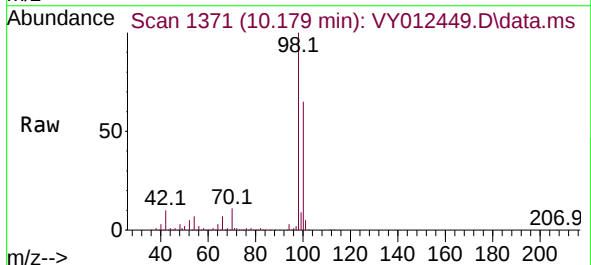
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-212023

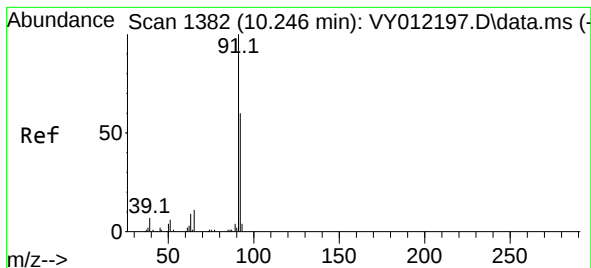
Tgt Ion:113 Resp: 81245
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 22.0 16.0 24.0



#50
Toluene-d8
Concen: 65.086 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012449.D
Acq: 01 Feb 2023 18:00

Tgt Ion: 98 Resp: 306923
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9





#52

Toluene

Concen: 2.742 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY012449.D

Acq: 01 Feb 2023 18:00

Instrument :

MSVOA_Y

ClientSampleId :

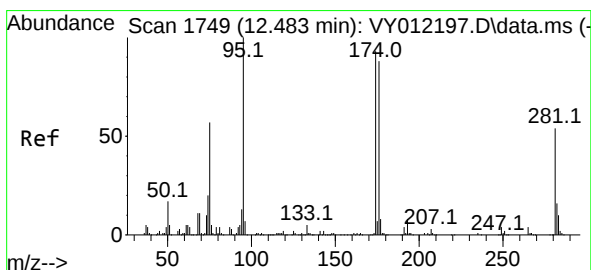
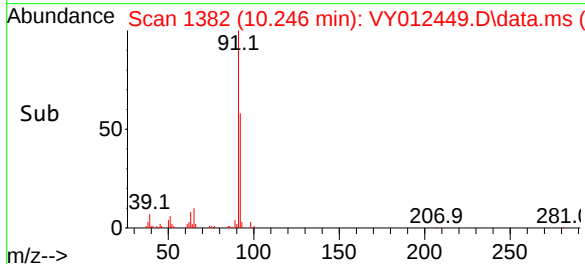
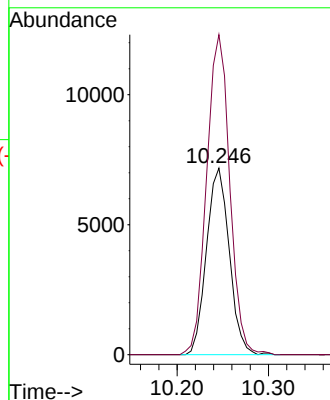
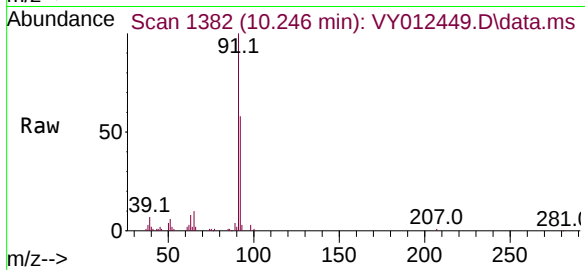
OK-1-212023

Tgt Ion: 92 Resp: 12440

Ion Ratio Lower Upper

92 100

91 173.6 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 52.875 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012449.D

Acq: 01 Feb 2023 18:00

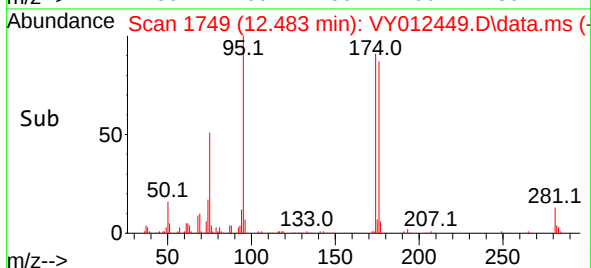
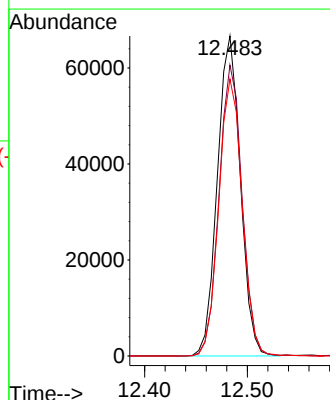
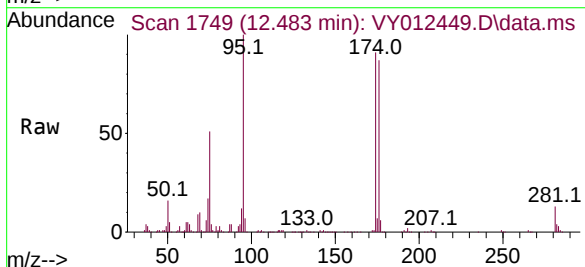
Tgt Ion: 95 Resp: 103525

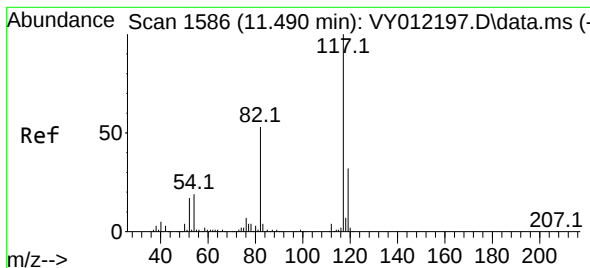
Ion Ratio Lower Upper

95 100

174 91.3 0.0 172.0

176 88.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. -0.001 min

Lab File: VY012449.D

Acq: 01 Feb 2023 18:00

Instrument :

MSVOA_Y

ClientSampleId :

OK-1-212023

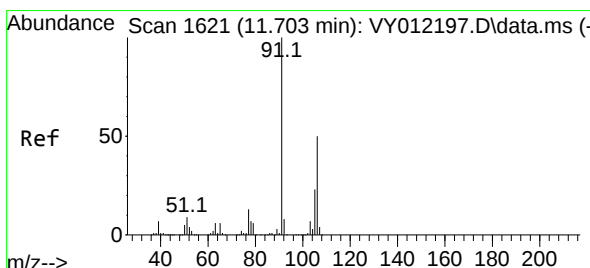
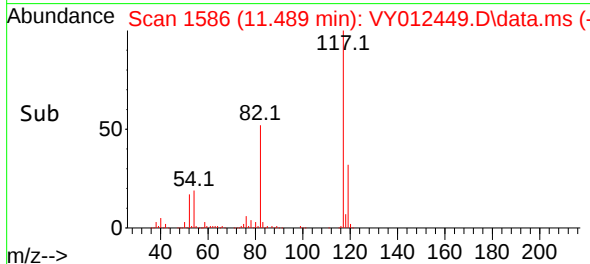
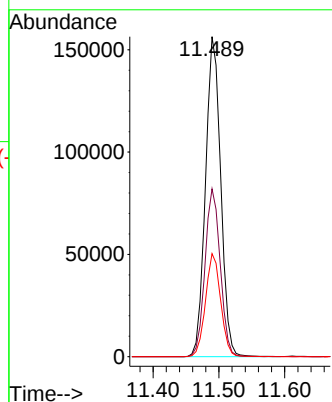
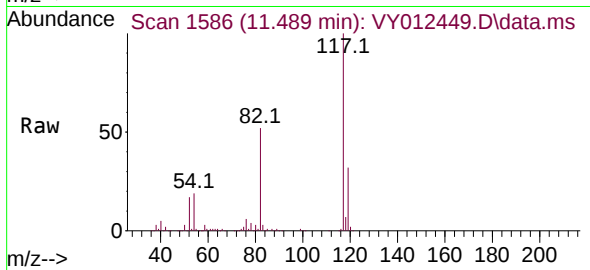
Tgt Ion:117 Resp: 252212

Ion Ratio Lower Upper

117 100

82 52.4 44.8 67.2

119 32.2 25.4 38.2



#68

m/p-Xylenes

Concen: 1.088 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012449.D

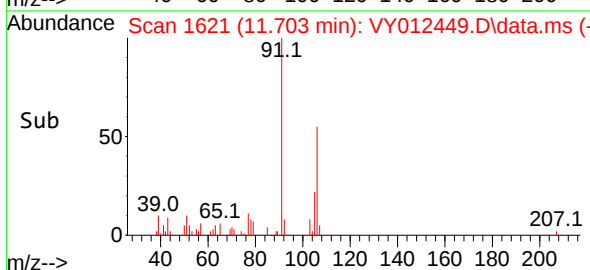
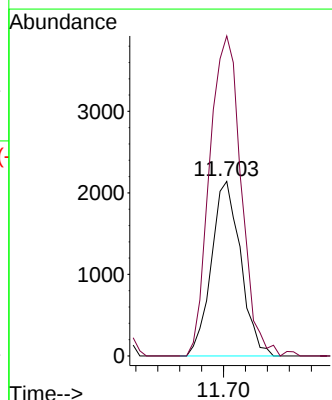
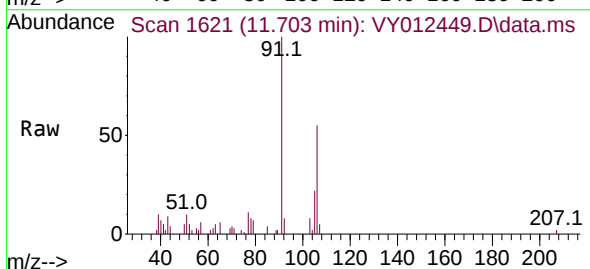
Acq: 01 Feb 2023 18:00

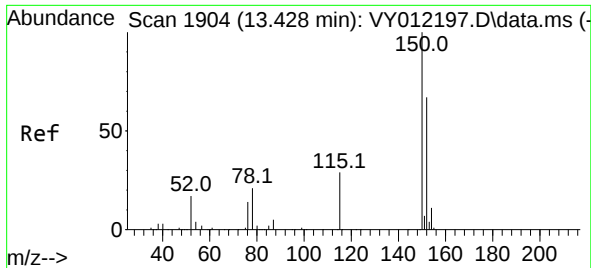
Tgt Ion:106 Resp: 3969

Ion Ratio Lower Upper

106 100

91 198.6 162.5 243.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012449.D

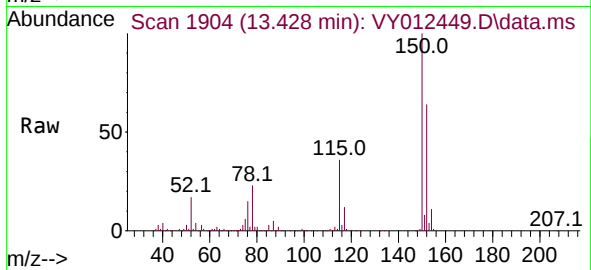
Acq: 01 Feb 2023 18:00

Instrument :

MSVOA_Y

ClientSampleId :

OK-1-212023



Tgt Ion:152 Resp: 112752

Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.3

150 156.1 0.0 342.6

