

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016840.D
 Acq On : 23 Dec 2023 05:31
 Operator : SY/MD
 Sample : 05957-12
 Misc : 3.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM60

Quant Time: Dec 23 06:09:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

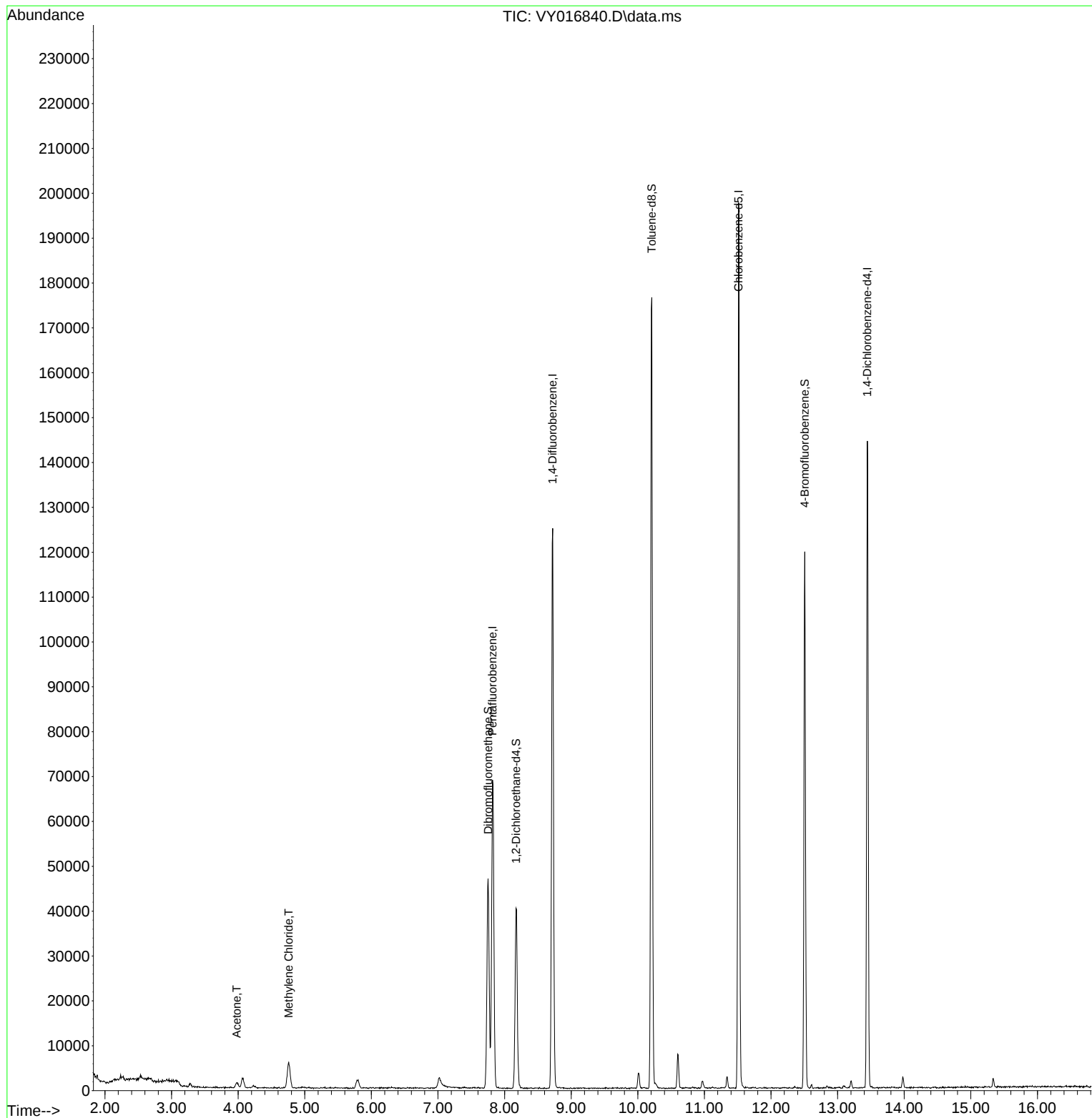
Internal Standards						
1) Pentafluorobenzene	7.819	168	52500	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	108359	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	105901	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	37578	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	31991	66.750	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.500%			
35) Dibromofluoromethane	7.752	113	34302	55.263	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.520%			
50) Toluene-d8	10.209	98	119085	53.220	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.440%			
62) 4-Bromofluorobenzene	12.508	95	35201	48.490	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.980%			
Target Compounds						
16) Acetone	3.979	43	2550	19.676	ug/l	90
20) Methylene Chloride	4.759	84	4486	3.989	ug/l	93

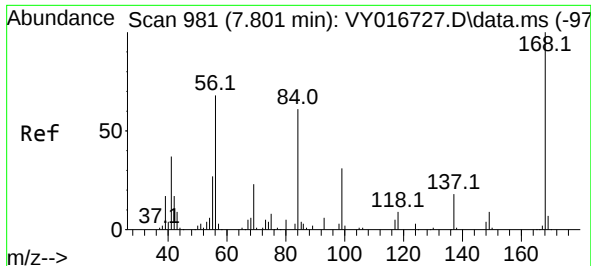
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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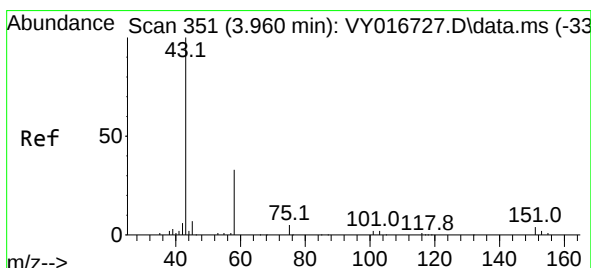
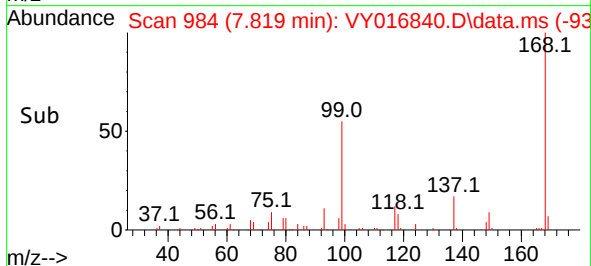
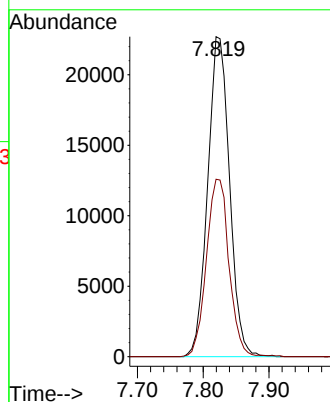
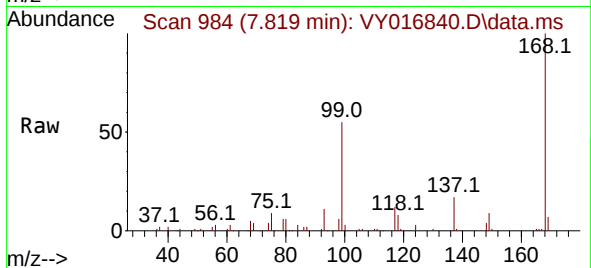




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016840.D
Acq: 23 Dec 2023 05:31

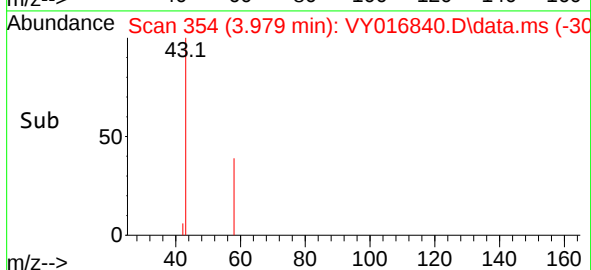
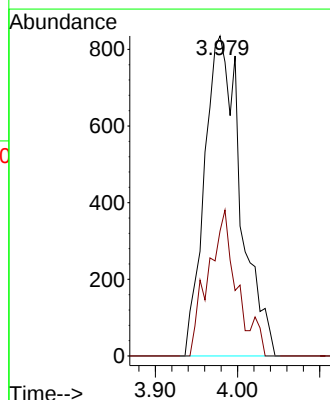
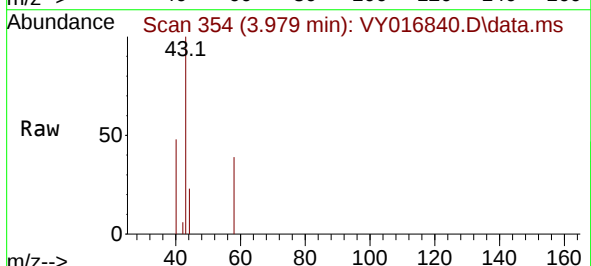
Instrument :
MSVOA_Y
ClientSampleId :
COM60

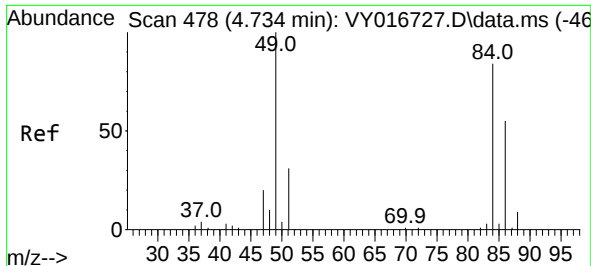
Tgt Ion:168 Resp: 52500
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#16
Acetone
Concen: 19.676 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY016840.D
Acq: 23 Dec 2023 05:31

Tgt Ion: 43 Resp: 2550
Ion Ratio Lower Upper
43 100
58 39.0 26.6 39.8

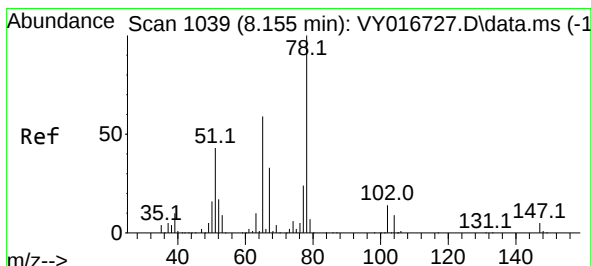
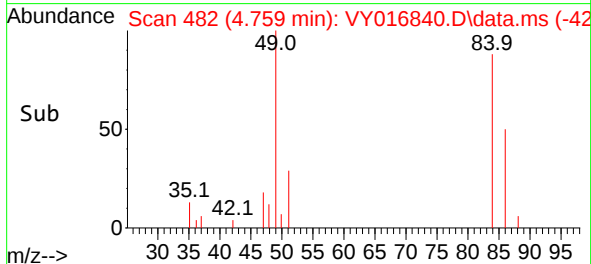
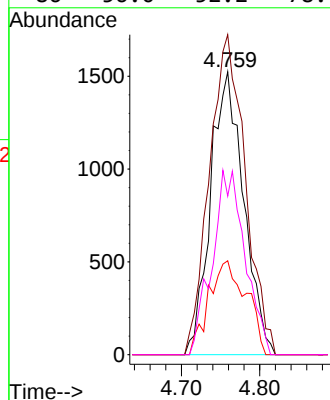
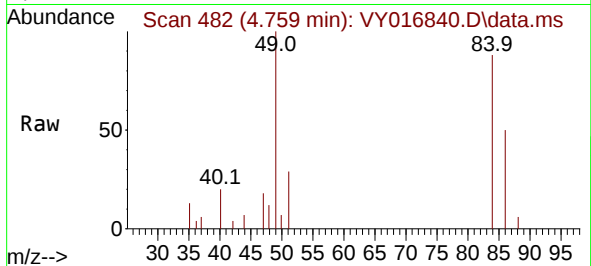




#20
Methylene Chloride
Concen: 3.989 ug/l
RT: 4.759 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY016840.D
Acq: 23 Dec 2023 05:31

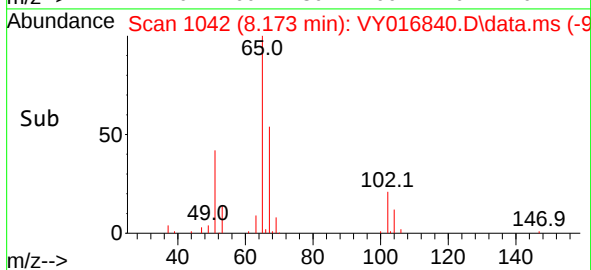
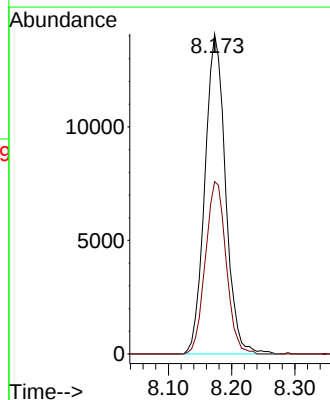
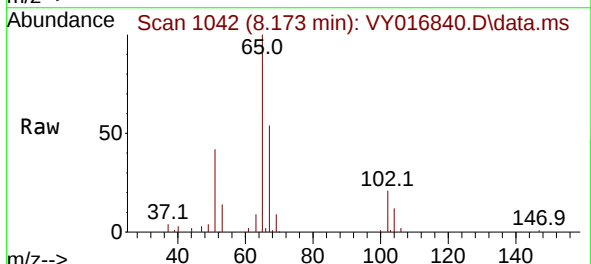
Instrument :
MSVOA_Y
ClientSampleId :
COM60

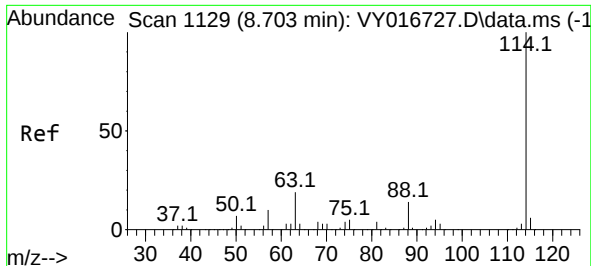
Tgt Ion:	84	Resp:	4486
Ion	Ratio	Lower	Upper
84	100		
49	113.1	95.2	142.8
51	33.2	29.9	44.9
86	56.0	52.2	78.4



#33
1,2-Dichloroethane-d4
Concen: 66.750 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY016840.D
Acq: 23 Dec 2023 05:31

Tgt Ion:	65	Resp:	31991
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1129

Delta R.T. 0.019 min

Lab File: VY016840.D

Acq: 23 Dec 2023 05:31

Instrument :

MSVOA_Y

ClientSampleId :

COM60

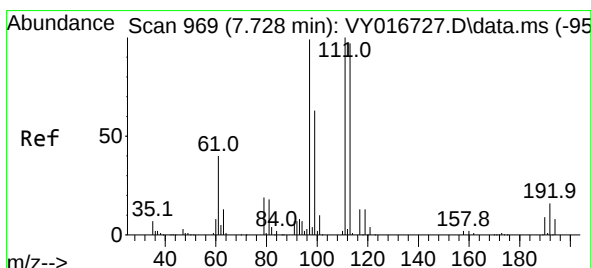
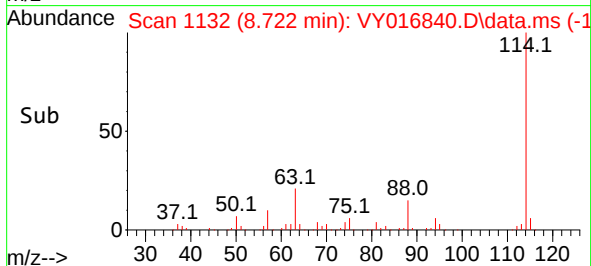
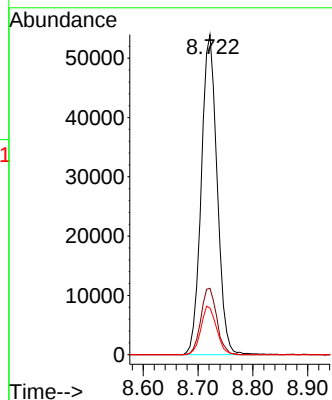
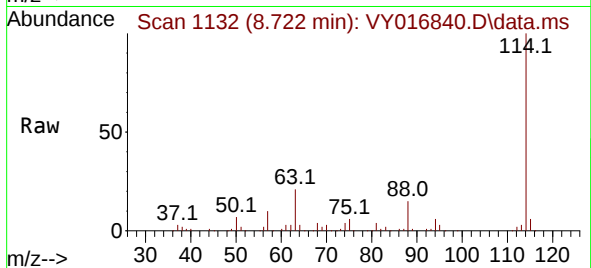
Tgt Ion:114 Resp: 108359

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 55.263 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.025 min

Lab File: VY016840.D

Acq: 23 Dec 2023 05:31

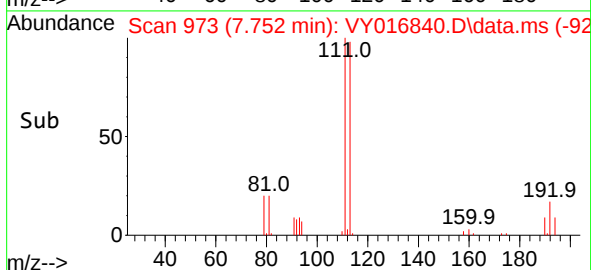
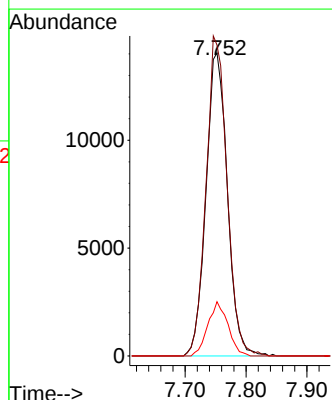
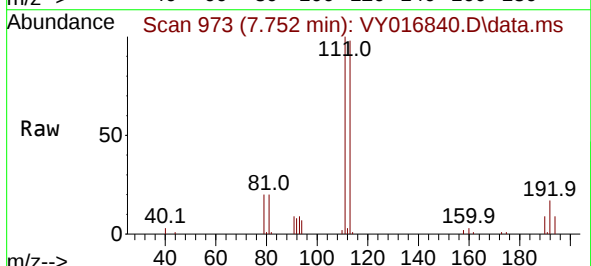
Tgt Ion:113 Resp: 34302

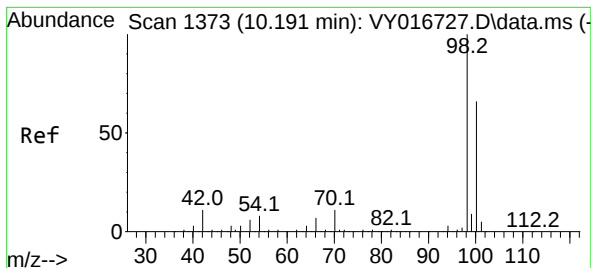
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 16.8 14.5 21.7





#50

Toluene-d8

Concen: 53.220 ug/l

RT: 10.209 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016840.D

Acq: 23 Dec 2023 05:31

Instrument :

MSVOA_Y

ClientSampleId :

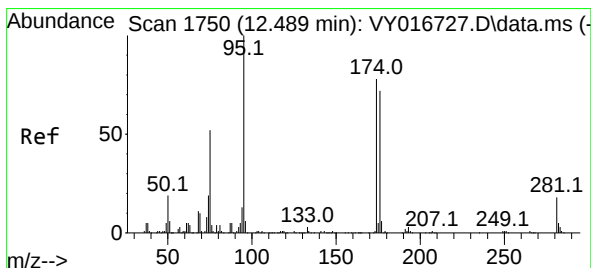
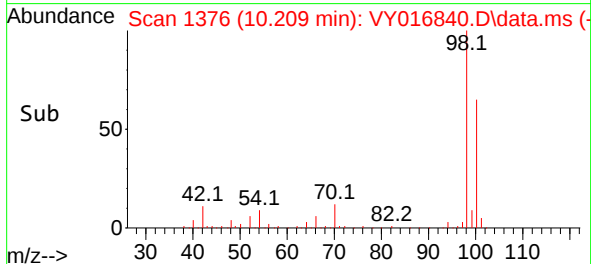
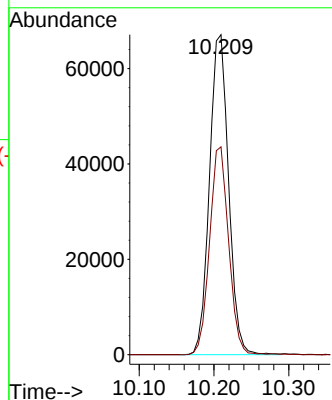
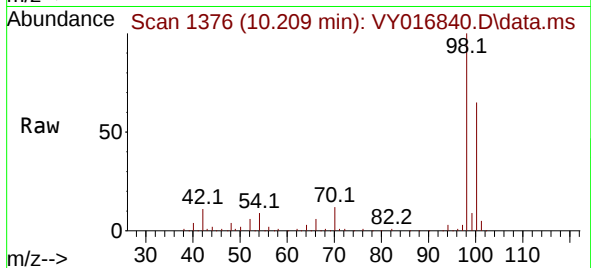
COM60

Tgt Ion: 98 Resp: 119085

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 48.490 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.018 min

Lab File: VY016840.D

Acq: 23 Dec 2023 05:31

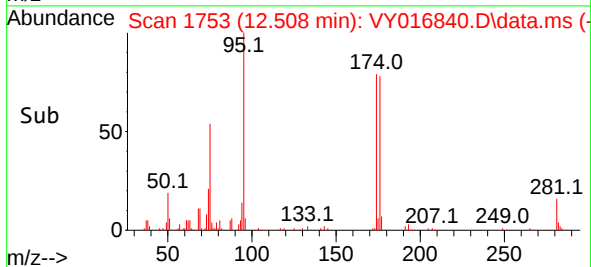
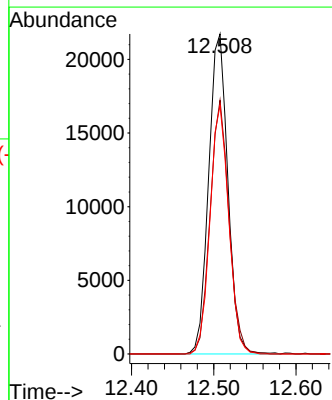
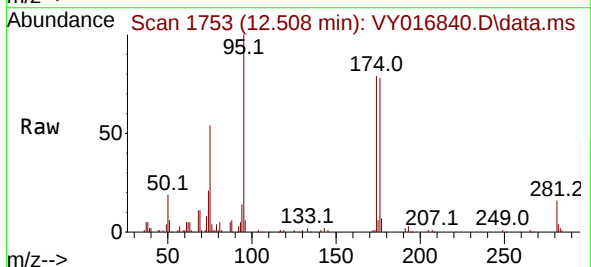
Tgt Ion: 95 Resp: 35201

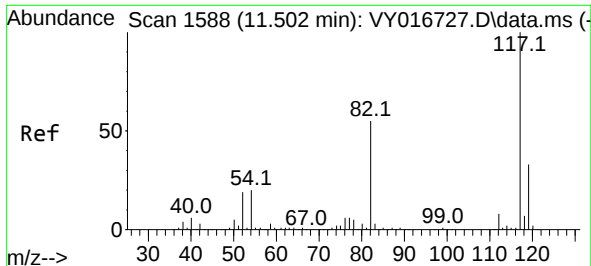
Ion Ratio Lower Upper

95 100

174 78.2 0.0 160.0

176 75.6 0.0 151.8

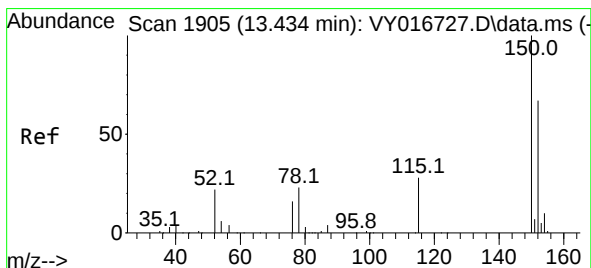
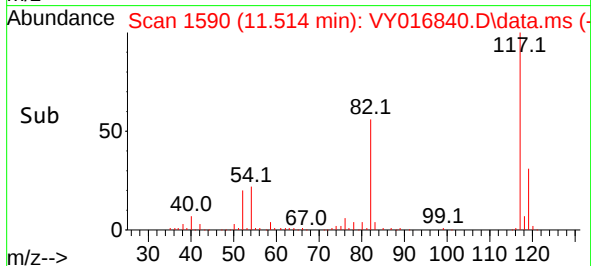
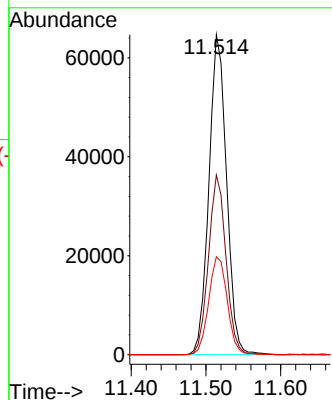
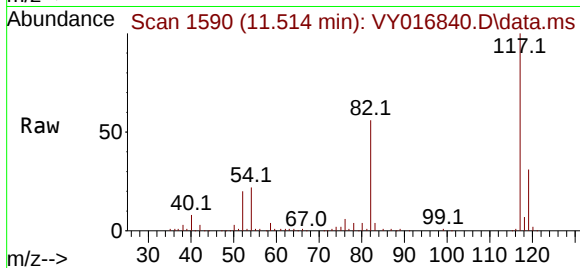




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 117
Delta R.T. 0.012 min
Lab File: VY016840.D
Acq: 23 Dec 2023 05:31

Instrument :
MSVOA_Y
ClientSampleId :
COM60

Tgt Ion:117 Resp: 105901
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.8
119 30.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016840.D
Acq: 23 Dec 2023 05:31

Tgt Ion:152 Resp: 37578
Ion Ratio Lower Upper
152 100
115 59.0 30.0 90.0
150 157.7 0.0 344.6

