

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016809.D
 Acq On : 22 Dec 2023 15:36
 Operator : SY/MD
 Sample : 05877-10
 Misc : 2.70g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM39

Quant Time: Dec 22 23:00:38 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)

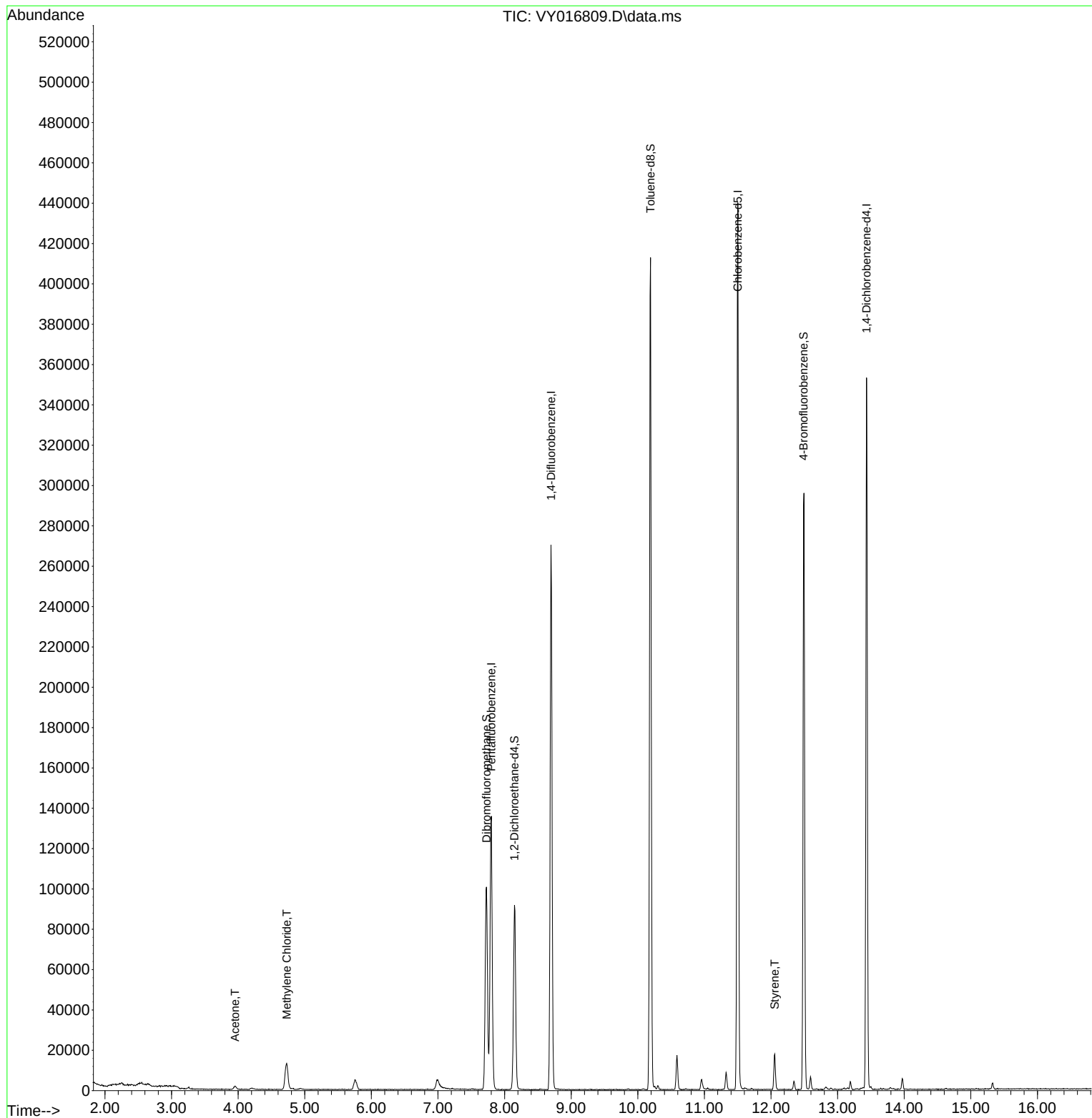
Internal Standards						
1) Pentafluorobenzene	7.801	168	102014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	232886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	86830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70418	75.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.220%	
35) Dibromofluoromethane	7.728	113	74807	57.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.460%	
50) Toluene-d8	10.191	98	270923	57.492	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.980%	
62) 4-Bromofluorobenzene	12.489	95	88129	57.645	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.300%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	3225	12.806	ug/l	95
20) Methylene Chloride	4.729	84	10200	5.165	ug/l	96
70) Styrene	12.057	104	9007	2.133	ug/l	88

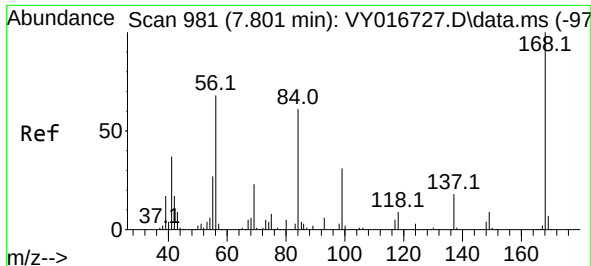
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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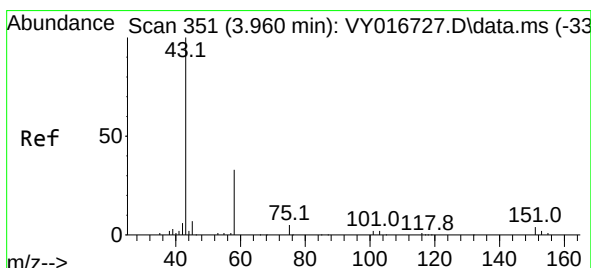
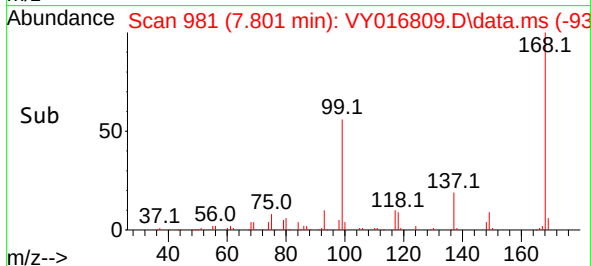
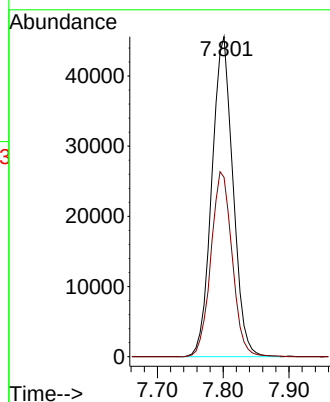
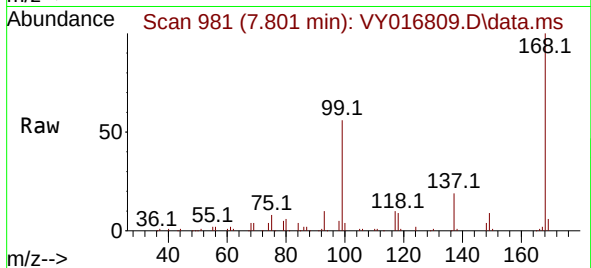




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016809.D
Acq: 22 Dec 2023 15:36

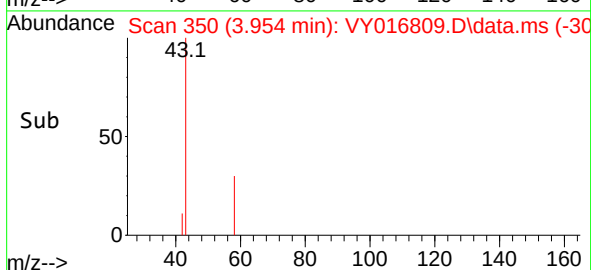
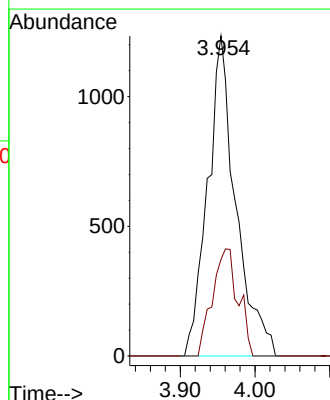
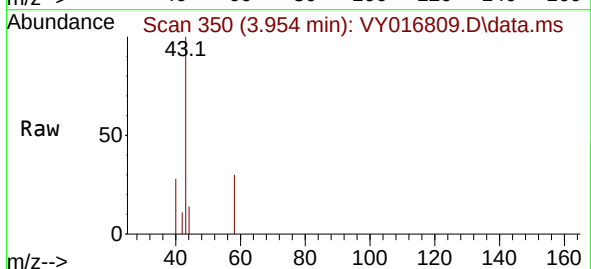
Instrument :
MSVOA_Y
ClientSampleId :
COM39

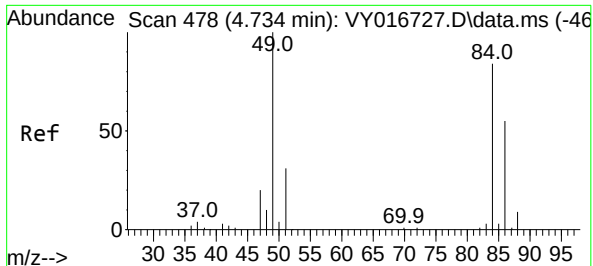
Tgt Ion:168 Resp: 102014
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#16
Acetone
Concen: 12.806 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016809.D
Acq: 22 Dec 2023 15:36

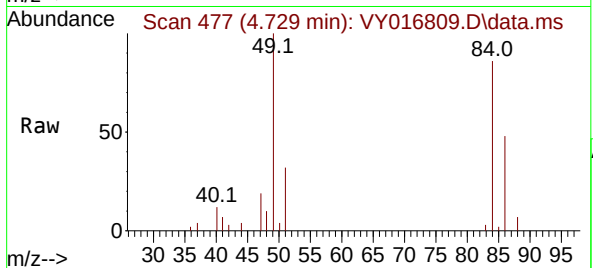
Tgt Ion: 43 Resp: 3225
Ion Ratio Lower Upper
43 100
58 30.2 26.6 39.8



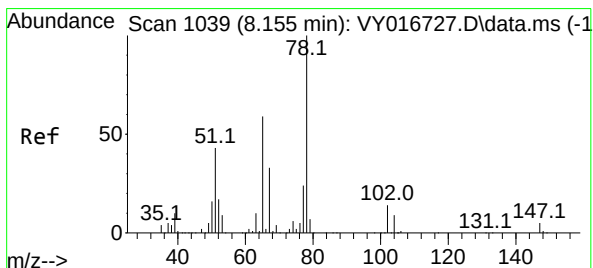
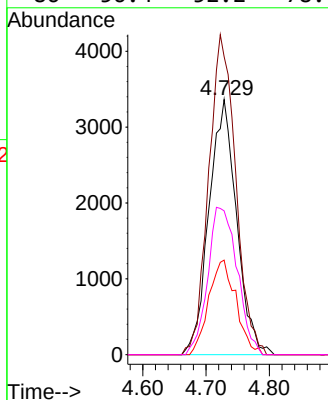
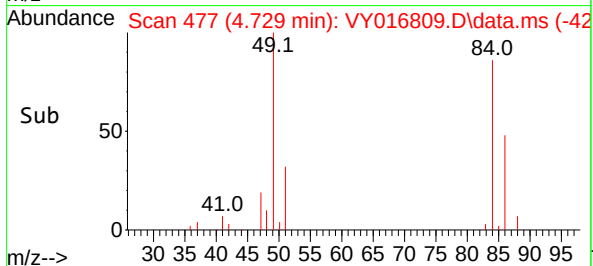


#20
Methylene Chloride
Concen: 5.165 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.005 min
Lab File: VY016809.D
Acq: 22 Dec 2023 15:36

Instrument :
MSVOA_Y
ClientSampleId :
COM39

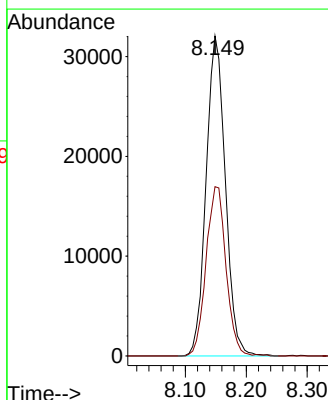
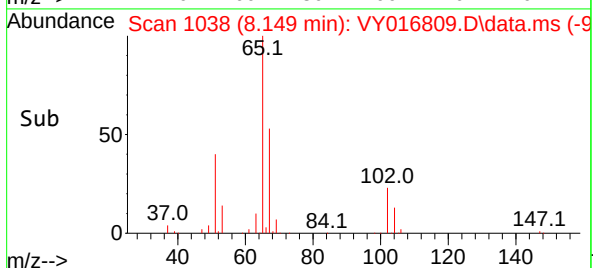
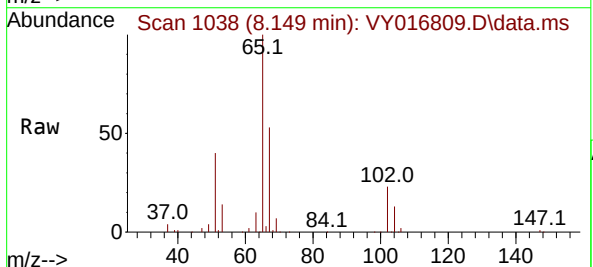


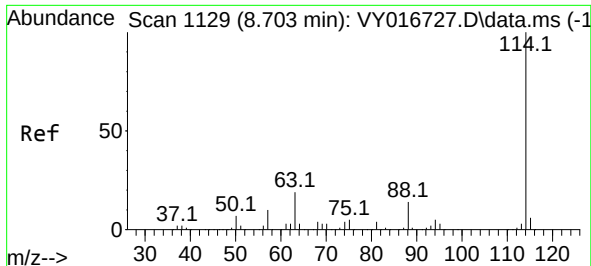
Tgt Ion:	84	Resp:	10200
Ion	Ratio	Lower	Upper
84	100		
49	116.8	95.2	142.8
51	37.1	29.9	44.9
86	56.4	52.2	78.4



#33
1,2-Dichloroethane-d4
Concen: 75.614 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016809.D
Acq: 22 Dec 2023 15:36

Tgt Ion:	65	Resp:	70418
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016809.D

Acq: 22 Dec 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

COM39

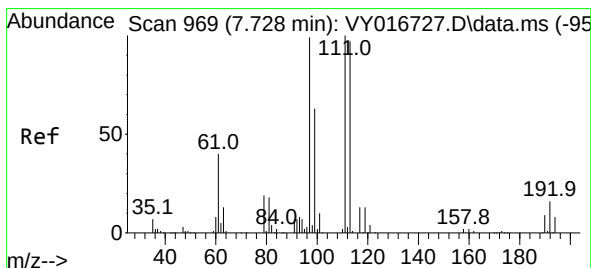
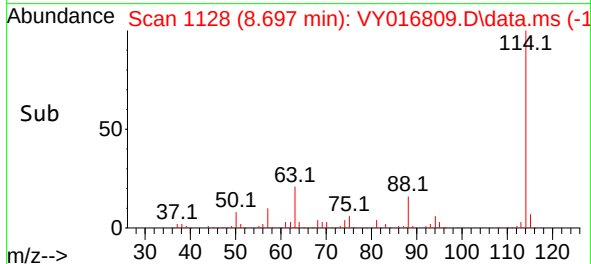
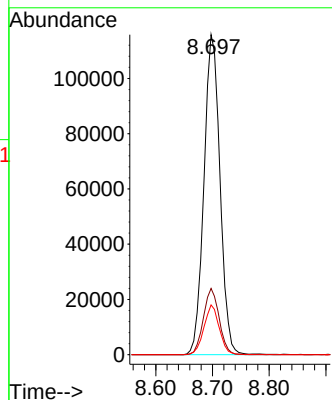
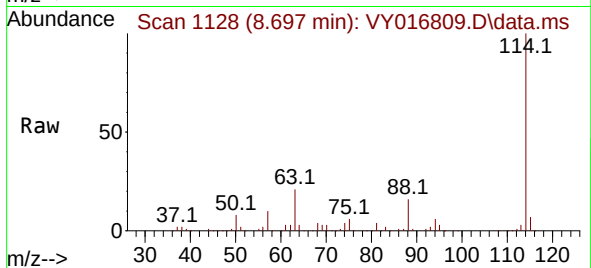
Tgt Ion:114 Resp: 228203

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 15.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 57.227 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016809.D

Acq: 22 Dec 2023 15:36

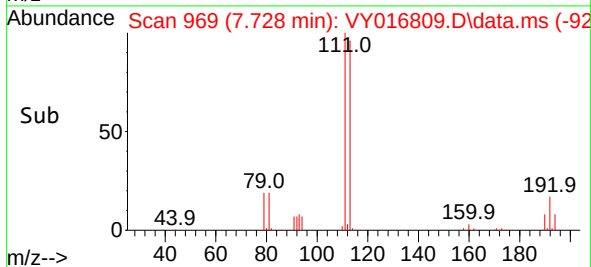
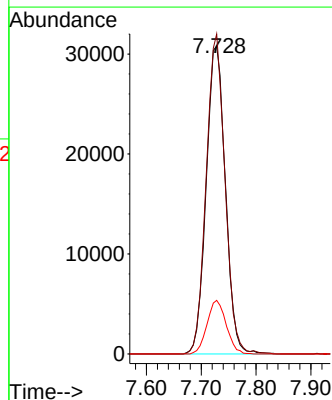
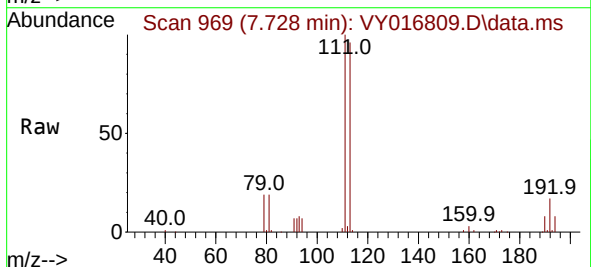
Tgt Ion:113 Resp: 74807

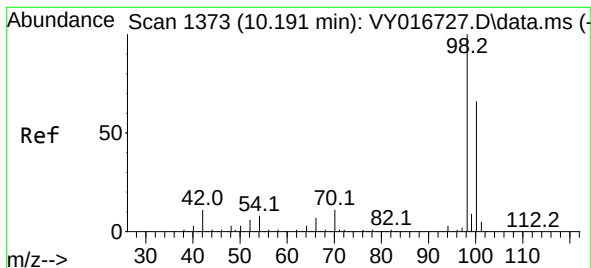
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 17.4 14.5 21.7





#50

Toluene-d8

Concen: 57.492 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016809.D

Acq: 22 Dec 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

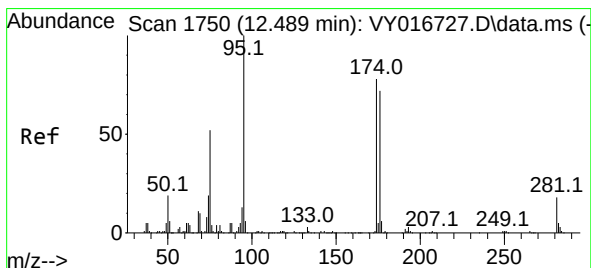
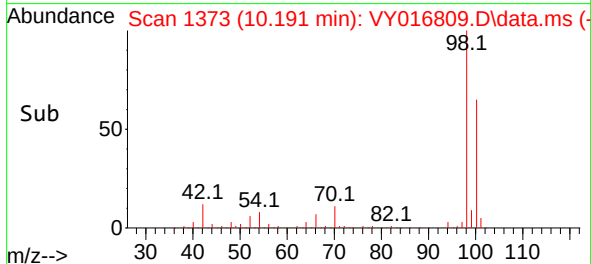
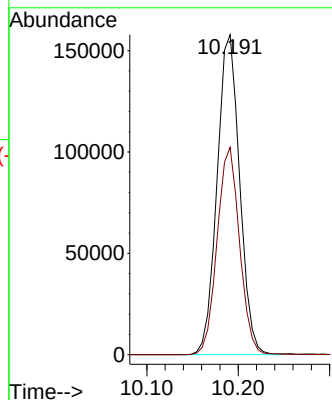
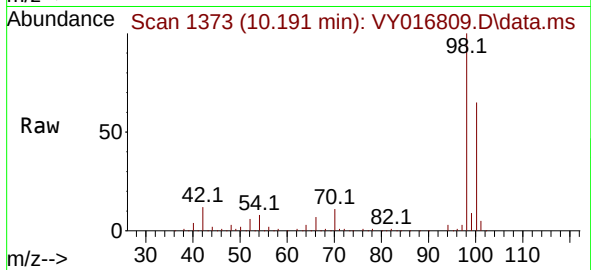
COM39

Tgt Ion: 98 Resp: 270923

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 57.645 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016809.D

Acq: 22 Dec 2023 15:36

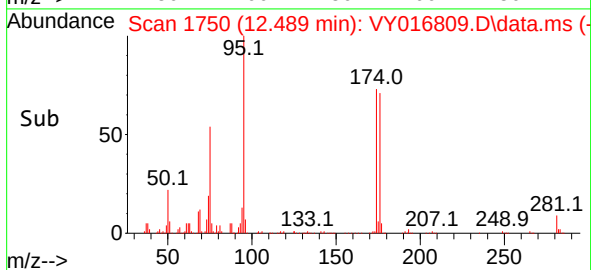
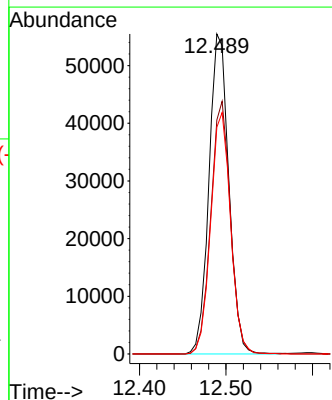
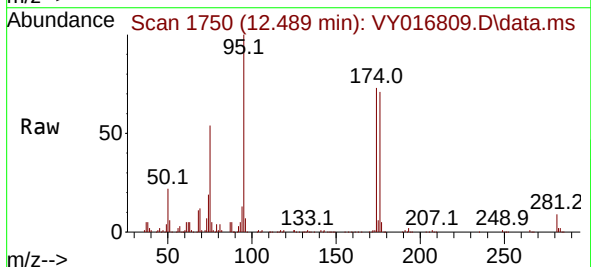
Tgt Ion: 95 Resp: 88129

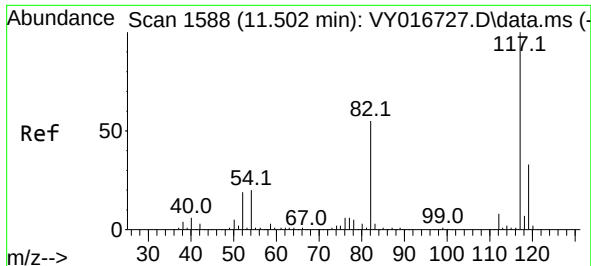
Ion Ratio Lower Upper

95 100

174 78.7 0.0 160.0

176 75.6 0.0 151.8

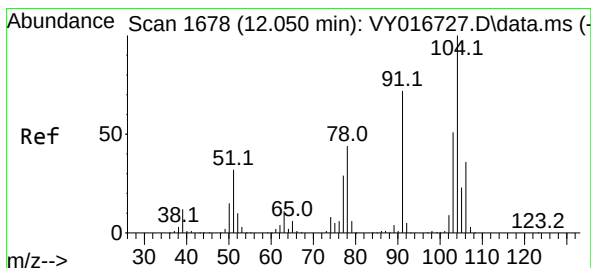
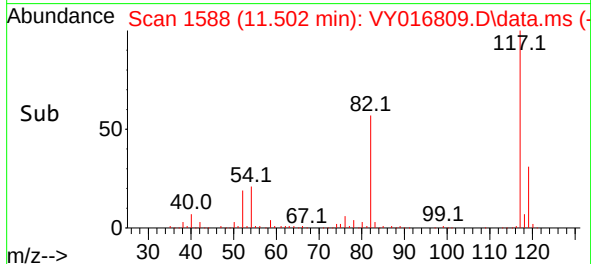
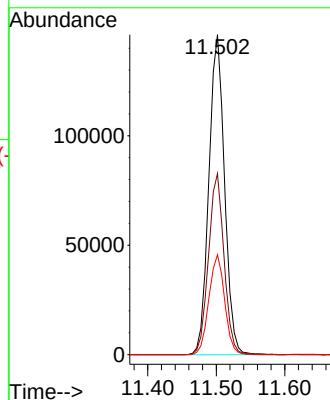
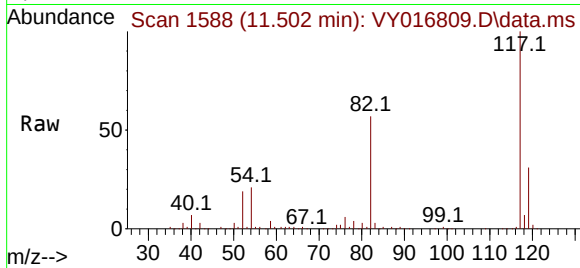




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016809.D
Acq: 22 Dec 2023 15:36

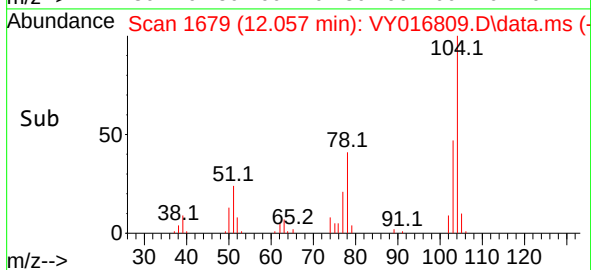
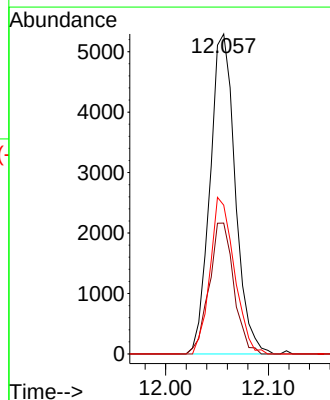
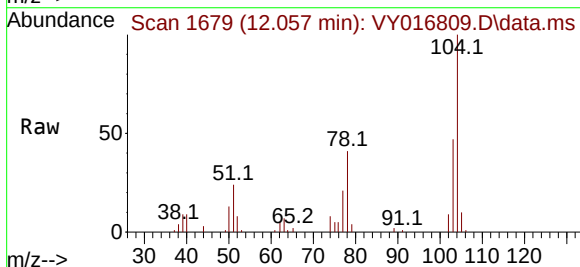
Instrument :
MSVOA_Y
ClientSampleId :
COM39

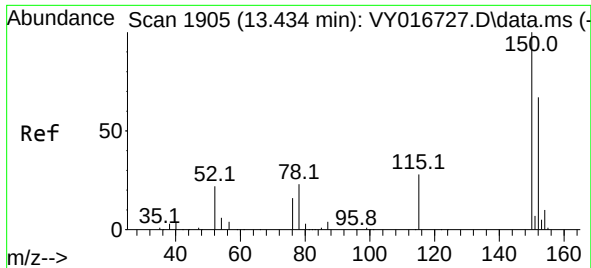
Tgt Ion:117 Resp: 232886
Ion Ratio Lower Upper
117 100
82 56.6 43.8 65.8
119 31.3 26.5 39.7



#70
Styrene
Concen: 2.133 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY016809.D
Acq: 22 Dec 2023 15:36

Tgt Ion:104 Resp: 9007
Ion Ratio Lower Upper
104 100
78 39.9 39.2 58.8
103 47.2 43.8 65.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016809.D

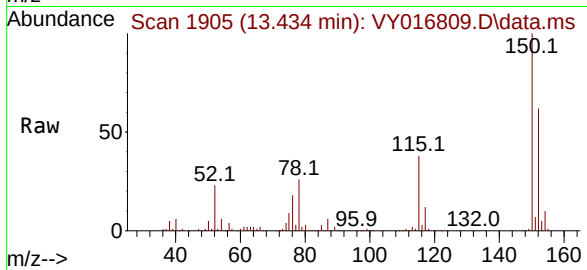
Acq: 22 Dec 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

COM39



Tgt Ion:152 Resp: 86830

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 157.8 0.0 344.6

