

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020439.D
 Acq On : 25 Nov 2024 18:54
 Operator : SY/MD
 Sample : P4954-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 26 00:48:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

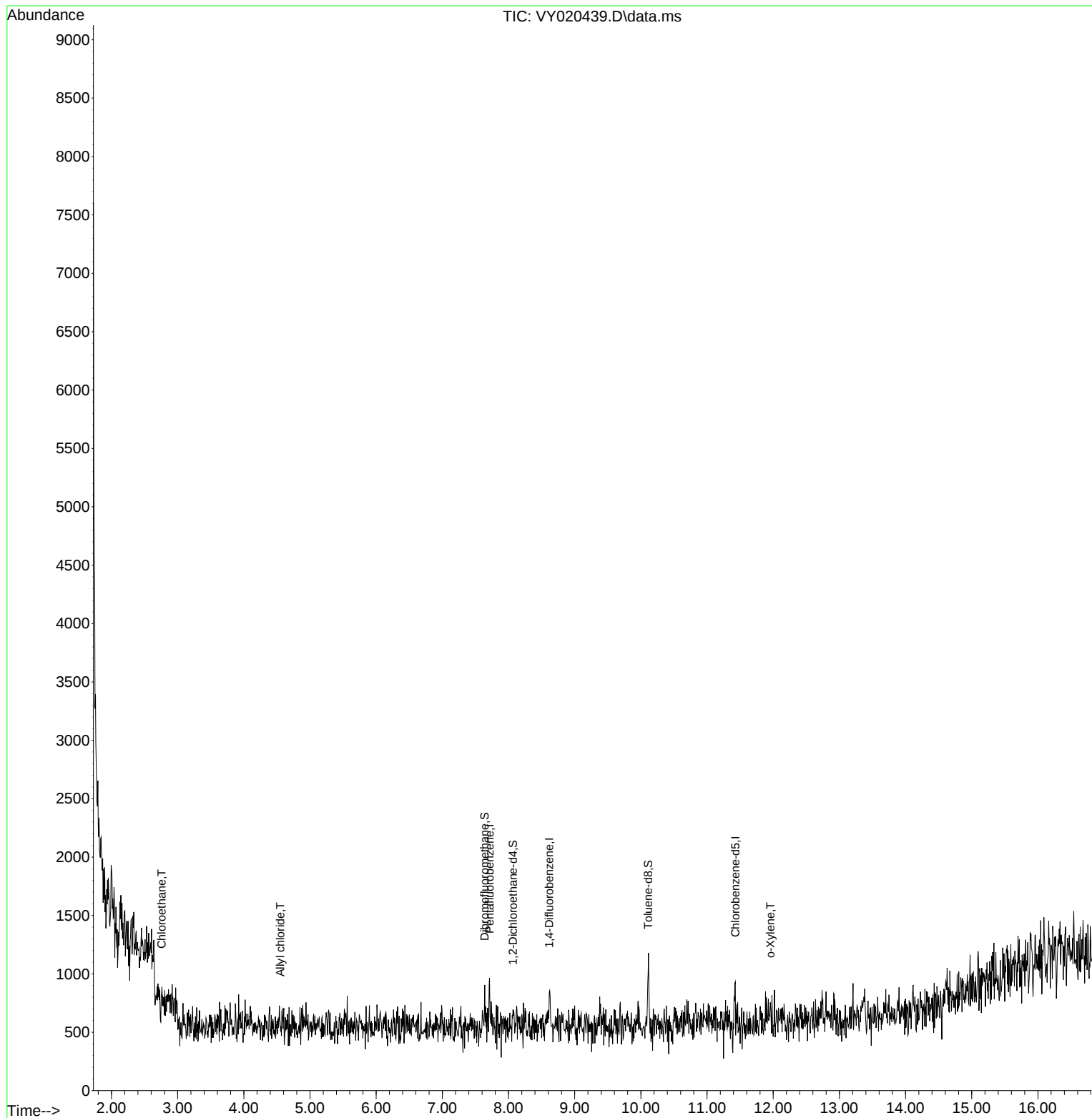
Internal Standards						
1) Pentafluorobenzene	7.713	168	208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	169	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.35
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	199	83.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.540%#	
35) Dibromofluoromethane	7.640	113	148	50.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.680%	
50) Toluene-d8	10.109	98	485	42.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.580%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	= 0.000%#	
Target Compounds						
					Qvalue	
6) Chloroethane	2.757	64	105	64.984	ug/l #	43
14) Allyl chloride	4.549	41	19	4.330	ug/l #	21
69) o-Xylene	11.956	106	47	19.790	ug/l	97

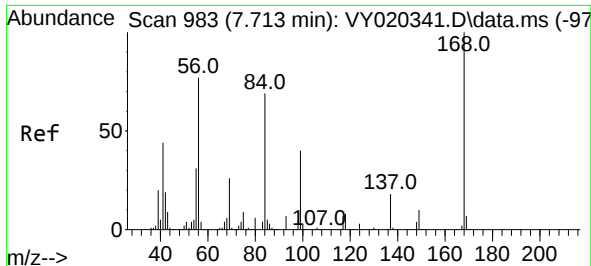
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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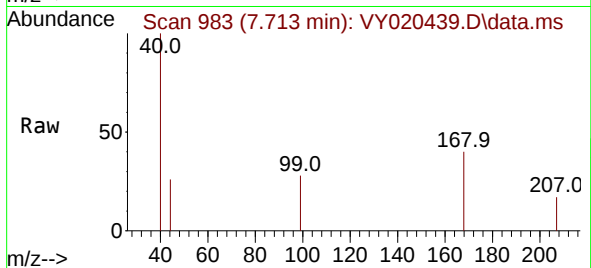
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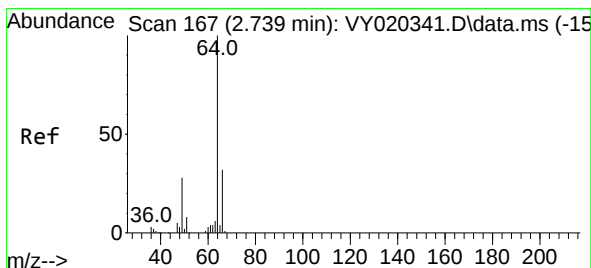
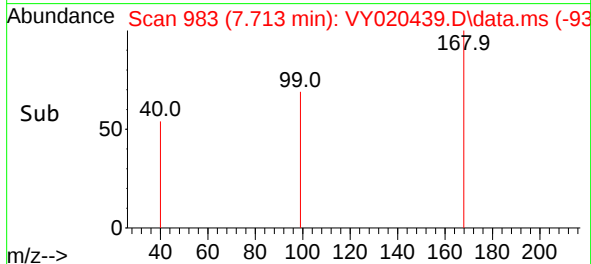
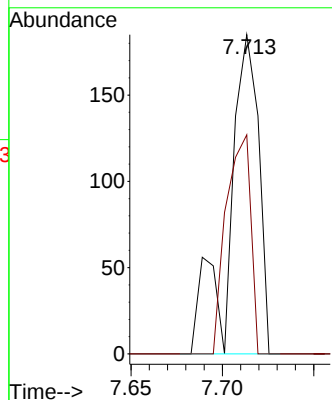


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020439.D
Acq: 25 Nov 2024 18:54

Instrument :
MSVOA_Y
ClientSampleId :

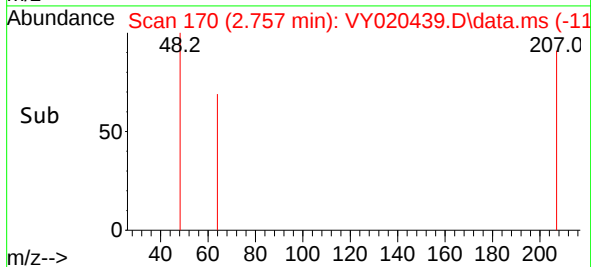
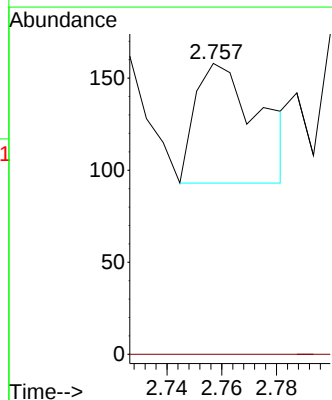
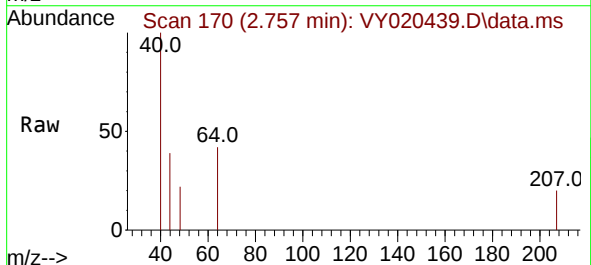


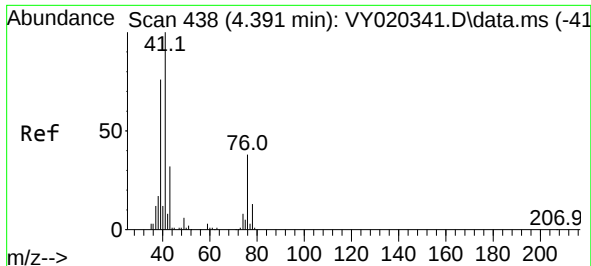
Tgt Ion:168 Resp: 208
Ion Ratio Lower Upper
168 100
99 68.6 46.6 69.8



#6
Chloroethane
Concen: 64.984 ug/l
RT: 2.757 min Scan# 170
Delta R.T. 0.018 min
Lab File: VY020439.D
Acq: 25 Nov 2024 18:54

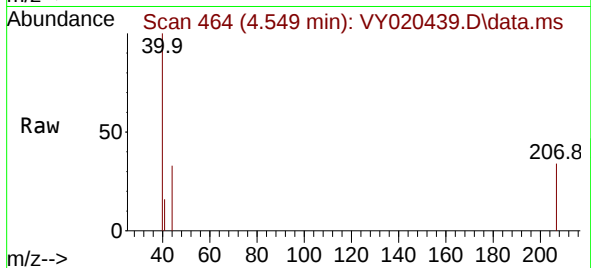
Tgt Ion: 64 Resp: 105
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



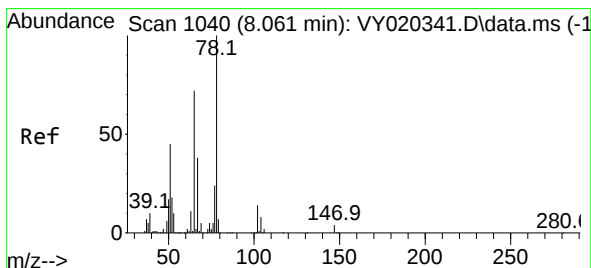
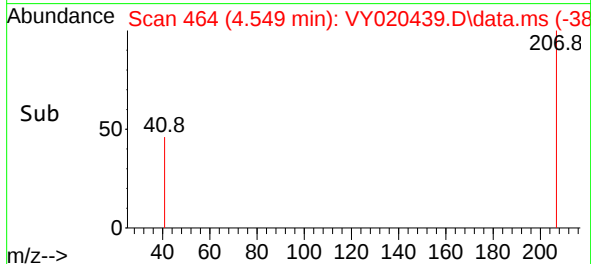
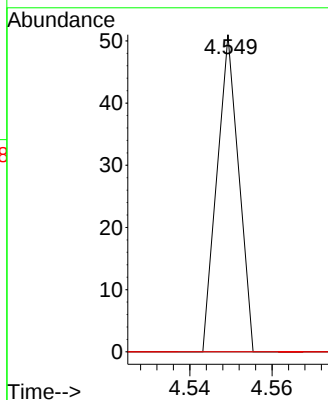


#14
 Allyl chloride
 Concen: 4.330 ug/l
 RT: 4.549 min Scan# 41
 Delta R.T. 0.158 min
 Lab File: VY020439.D
 Acq: 25 Nov 2024 18:54

Instrument :
 MSVOA_Y
 ClientSampleId :

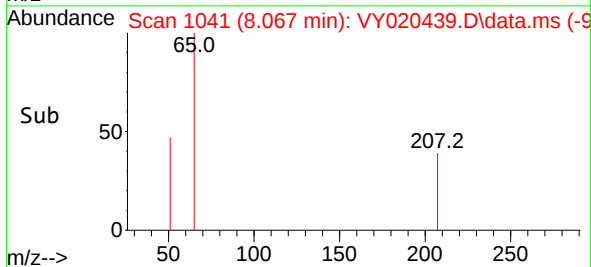
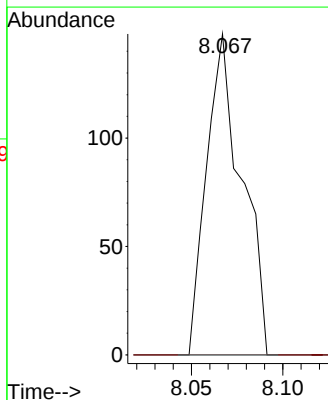
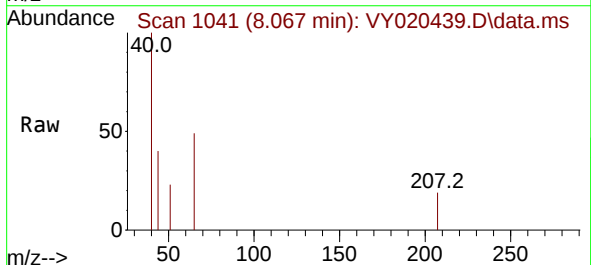


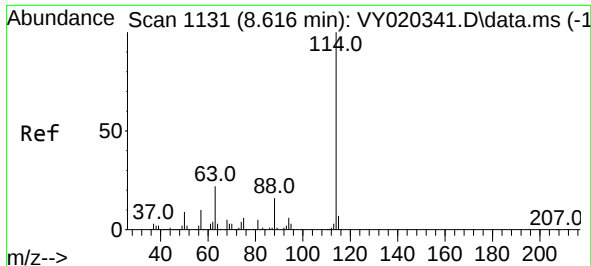
Tgt Ion: 41 Resp: 19
 Ion Ratio Lower Upper
 41 100
 39 0.0 58.8 88.2#
 76 0.0 29.7 44.5#



#33
 1,2-Dichloroethane-d4
 Concen: 83.275 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VY020439.D
 Acq: 25 Nov 2024 18:54

Tgt Ion: 65 Resp: 199
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

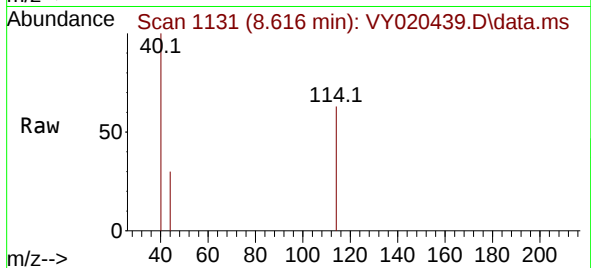
Lab File: VY020439.D

Acq: 25 Nov 2024 18:54

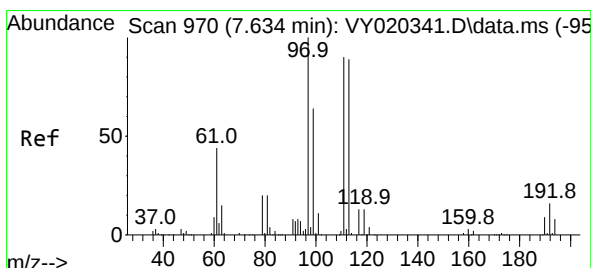
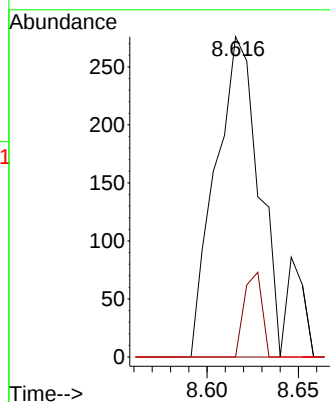
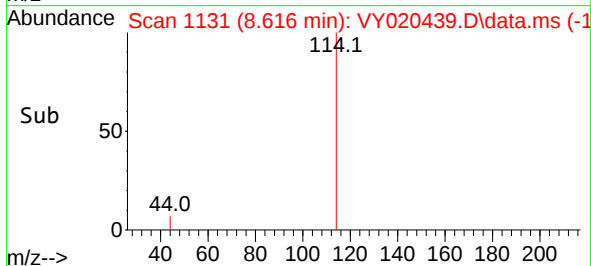
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:114	Resp:	454
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 44.8
88	0.0	0.0 32.0



#35

Dibromofluoromethane

Concen: 50.839 ug/l

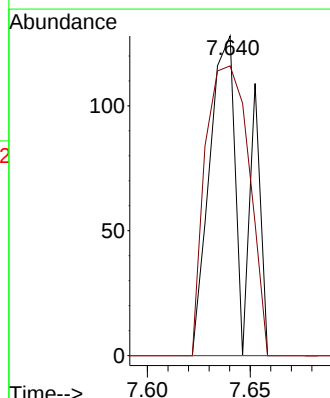
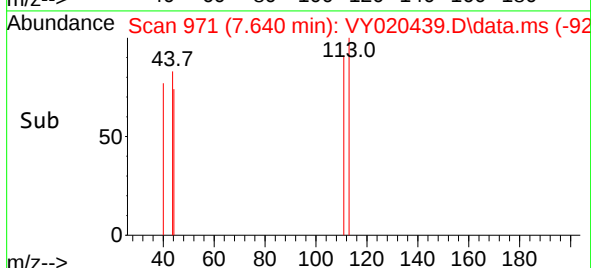
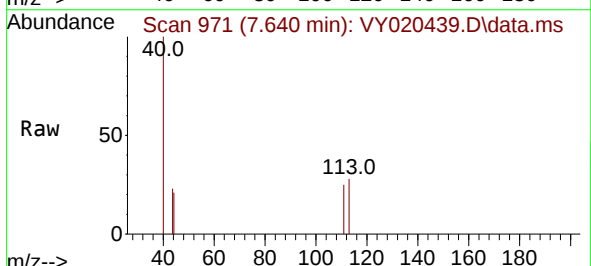
RT: 7.640 min Scan# 971

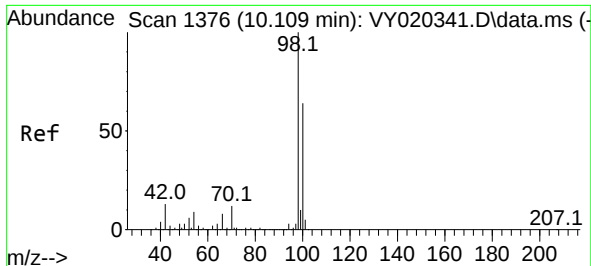
Delta R.T. 0.006 min

Lab File: VY020439.D

Acq: 25 Nov 2024 18:54

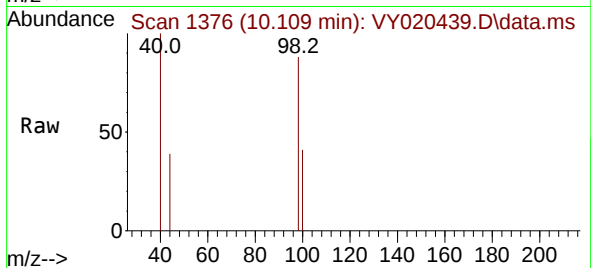
Tgt Ion:113	Resp:	148
Ion	Ratio	Lower Upper
113	100	
111	115.5	81.4 122.0
192	0.0	15.1 22.7#



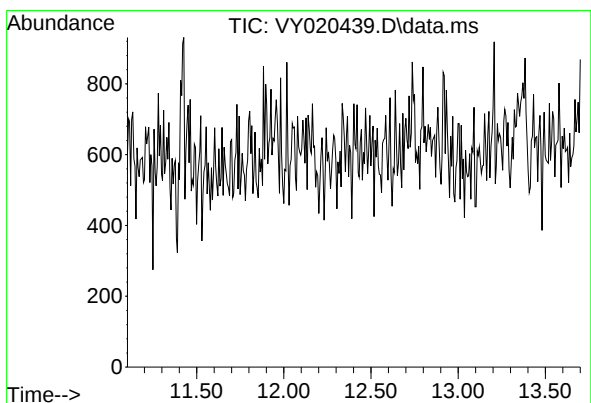
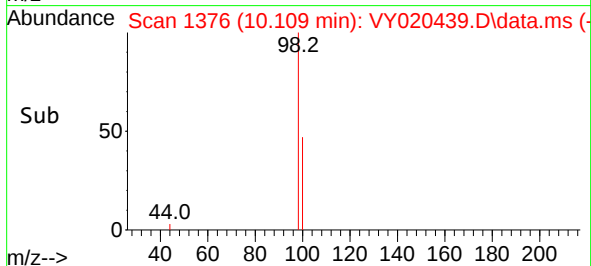
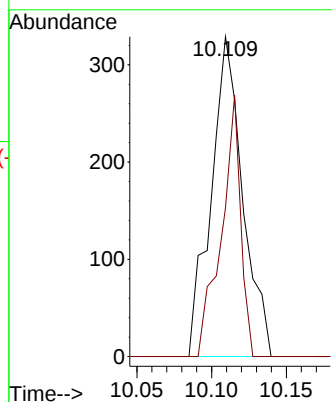


#50
Toluene-d8
Concen: 42.292 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020439.D
Acq: 25 Nov 2024 18:54

Instrument :
MSVOA_Y
ClientSampleId :



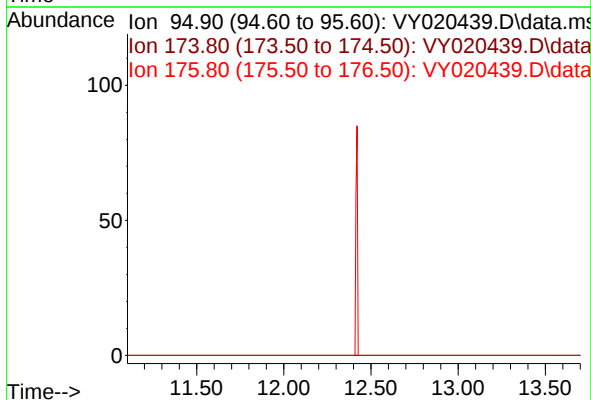
Tgt Ion: 98 Resp: 485
Ion Ratio Lower Upper
98 100
100 49.7 51.3 76.9#

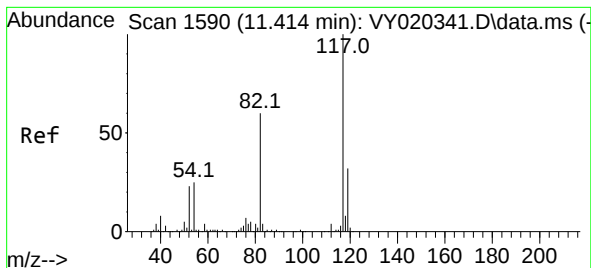


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.40 min

Lab File: VY020439.D
Acq: 25 Nov 2024 18:54

Tgt Ion: 95
Sig Exp Ratio
95 100
174 78.4
176 76.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.012 min

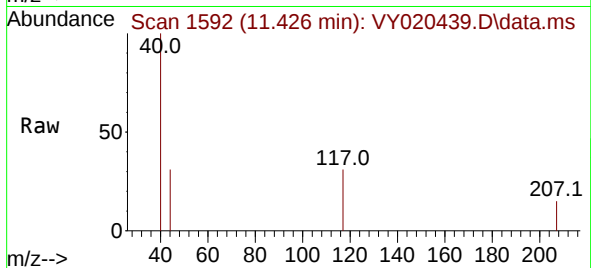
Lab File: VY020439.D

Acq: 25 Nov 2024 18:54

Instrument :

MSVOA_Y

ClientSampleId :



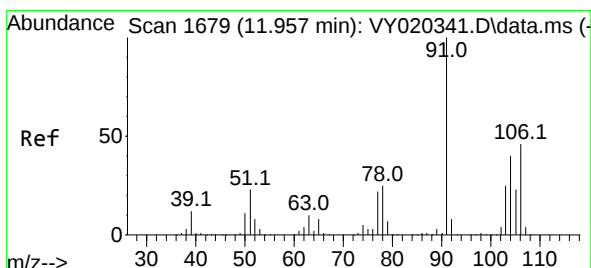
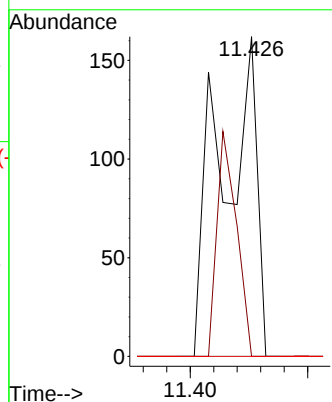
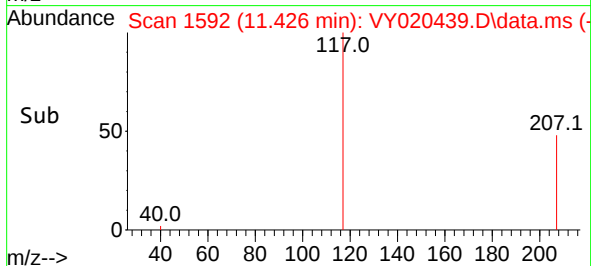
Tgt Ion:117 Resp: 169

Ion Ratio Lower Upper

117 100

82 0.0 48.2 72.4#

119 0.0 25.8 38.8#



#69

o-Xylene

Concen: 19.790 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY020439.D

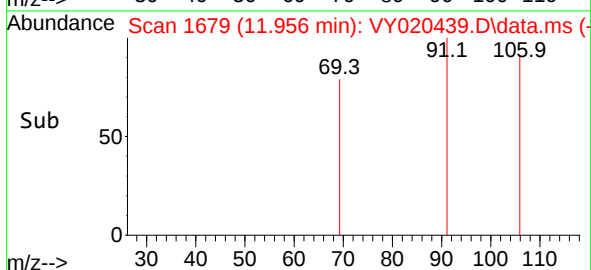
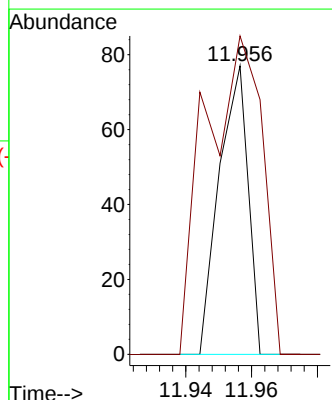
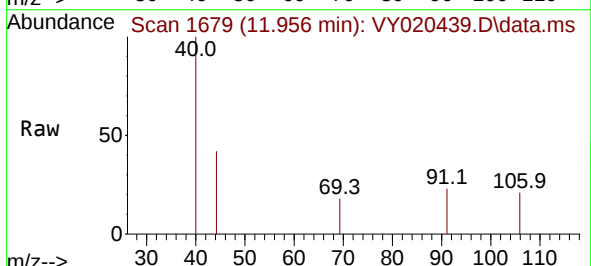
Acq: 25 Nov 2024 18:54

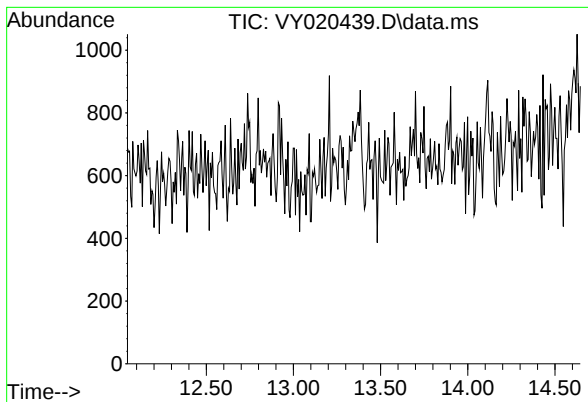
Tgt Ion:106 Resp: 47

Ion Ratio Lower Upper

106 100

91 214.9 110.0 330.0





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.35 min
Lab File: VY020439.D
Acq: 25 Nov 2024 18:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 152
Sig Exp Ratio
152 100
115 60.0
150 174.1

