

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021221.D
 Acq On : 17 Feb 2025 14:51
 Operator : SY/MD
 Sample : Q1365-04
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 18 00:48:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

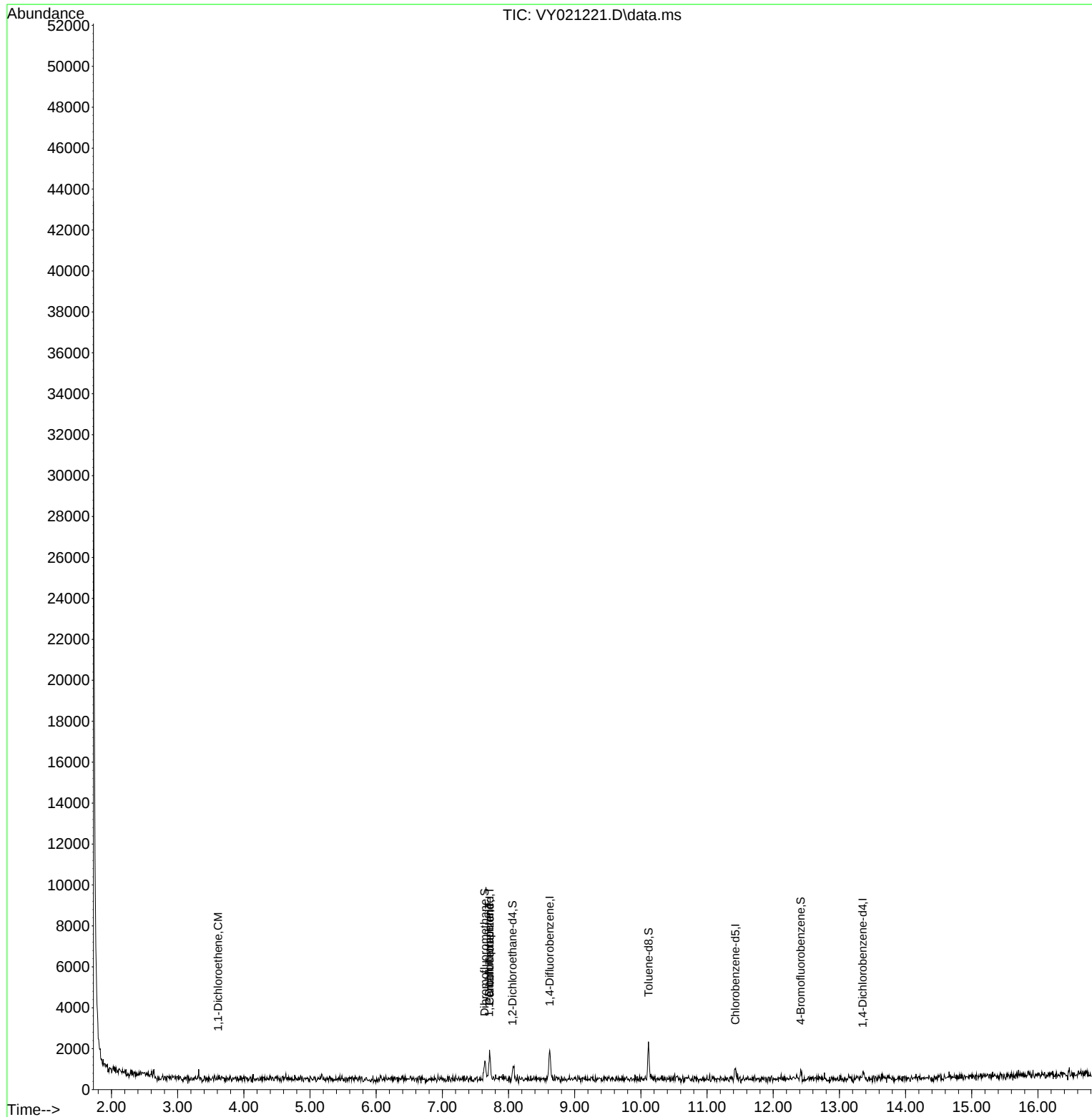
Internal Standards						
1) Pentafluorobenzene	7.713	168	1250	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	1739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	504	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	195	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	729	56.921	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.840%
35) Dibromofluoromethane	7.640	113	768	68.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.820%
50) Toluene-d8	10.115	98	1436	33.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	67.700%
62) 4-Bromofluorobenzene	12.414	95	225	16.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	32.460%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	3.611	96	19	1.594	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	23	1.393	ug/l #	42
38) Carbon Tetrachloride	7.713	117	60	3.111	ug/l #	12

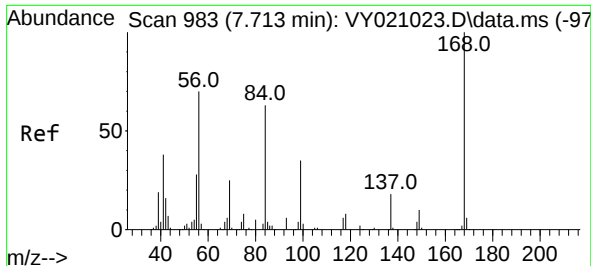
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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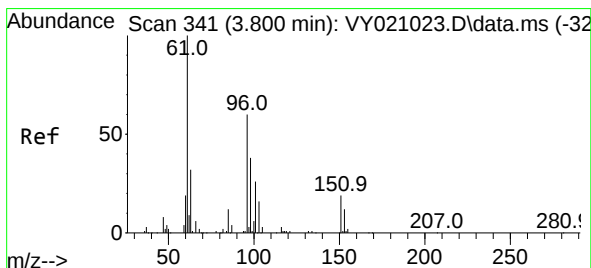
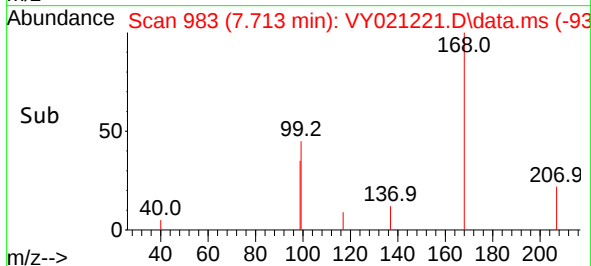
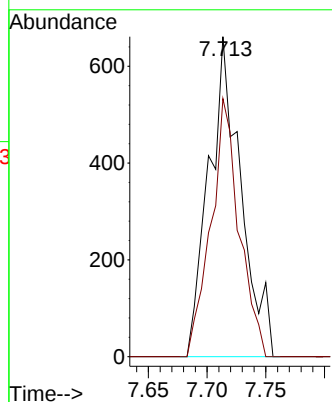
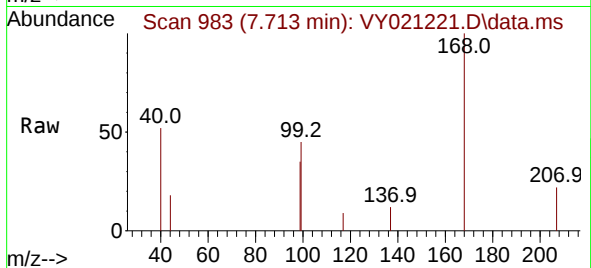




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021221.D
Acq: 17 Feb 2025 14:51

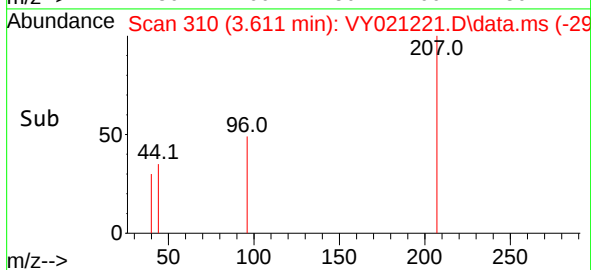
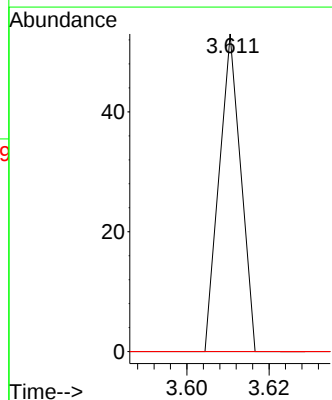
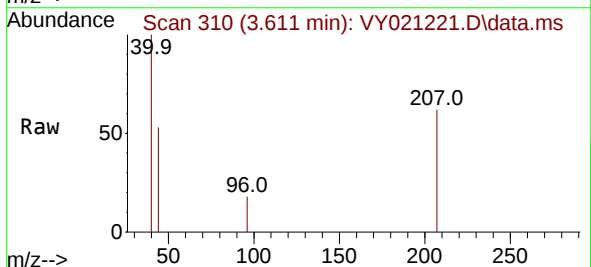
Instrument :
MSVOA_Y
ClientSampleId :

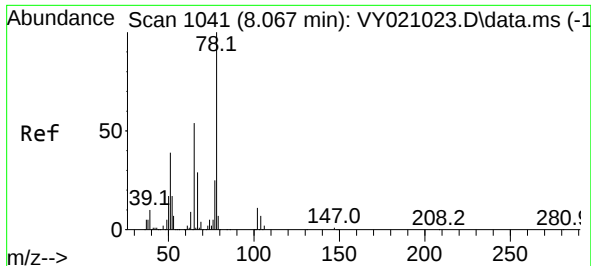
Tgt Ion:168 Resp: 1250
Ion Ratio Lower Upper
168 100
99 80.6 44.2 66.4#



#12
1,1-Dichloroethene
Concen: 1.594 ug/l
RT: 3.611 min Scan# 310
Delta R.T. -0.189 min
Lab File: VY021221.D
Acq: 17 Feb 2025 14:51

Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 124.2 186.2#
98 0.0 52.6 79.0#





#33

1,2-Dichloroethane-d4

Concen: 56.921 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY021221.D

Acq: 17 Feb 2025 14:51

Instrument :

MSVOA_Y

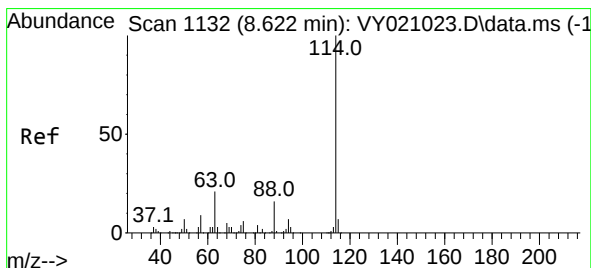
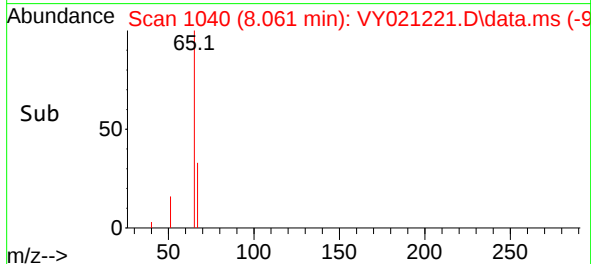
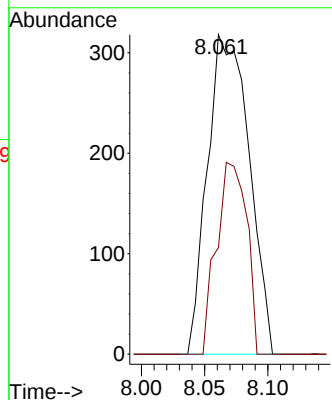
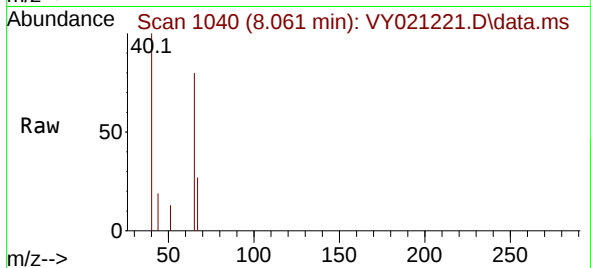
ClientSampleId :

Tgt Ion: 65 Resp: 729

Ion Ratio Lower Upper

65 100

67 43.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021221.D

Acq: 17 Feb 2025 14:51

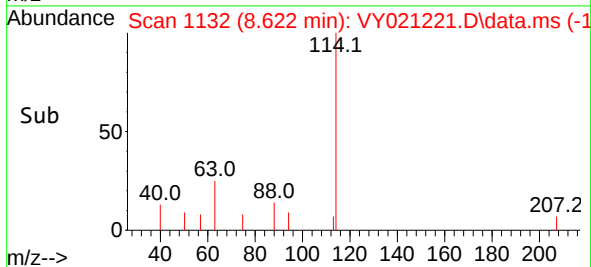
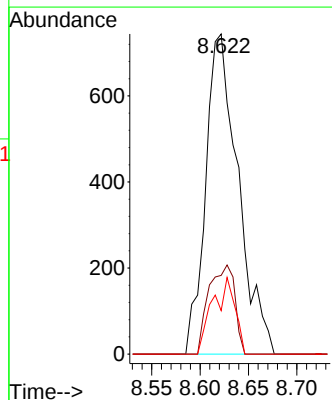
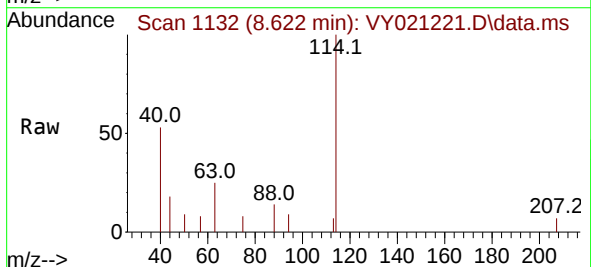
Tgt Ion: 114 Resp: 1739

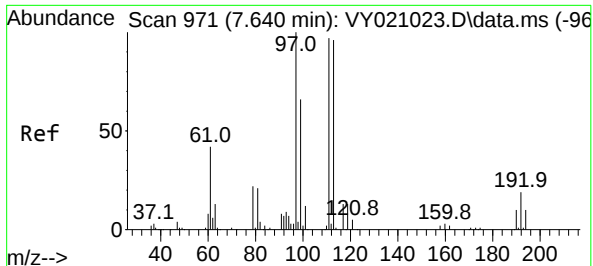
Ion Ratio Lower Upper

114 100

63 24.6 0.0 37.4

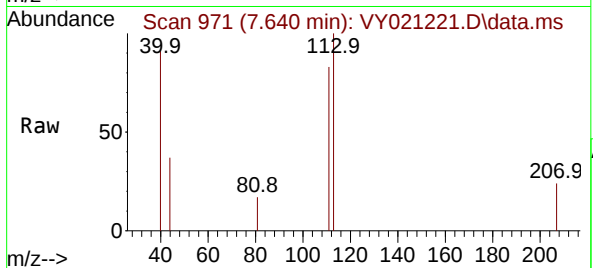
88 13.6 0.0 29.0



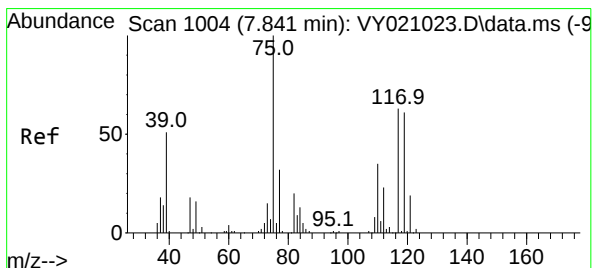
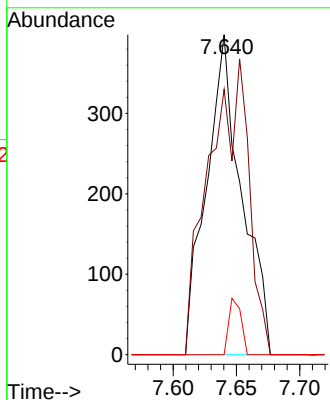
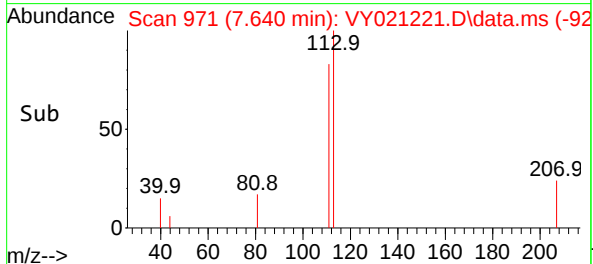


#35
Dibromofluoromethane
Concen: 68.912 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021221.D
Acq: 17 Feb 2025 14:51

Instrument :
MSVOA_Y
ClientSampleId :

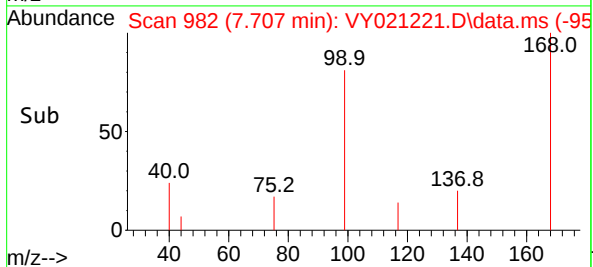
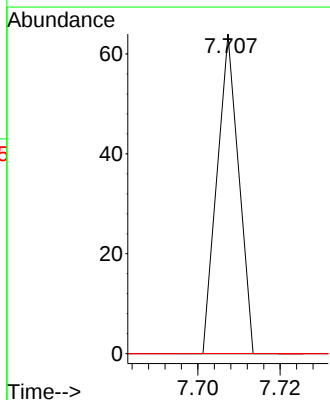
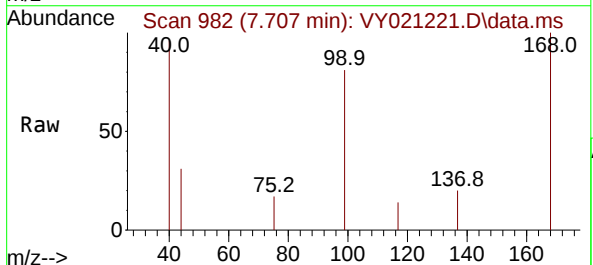


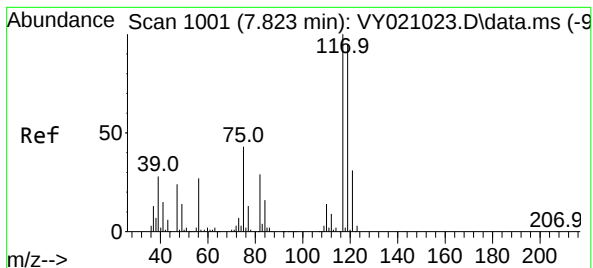
Tgt Ion:113 Resp: 768
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 6.0 14.5 21.7#



#36
1,1-Dichloropropene
Concen: 1.393 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021221.D
Acq: 17 Feb 2025 14:51

Tgt Ion: 75 Resp: 23
Ion Ratio Lower Upper
75 100
110 0.0 17.4 52.3#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 3.111 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.110 min

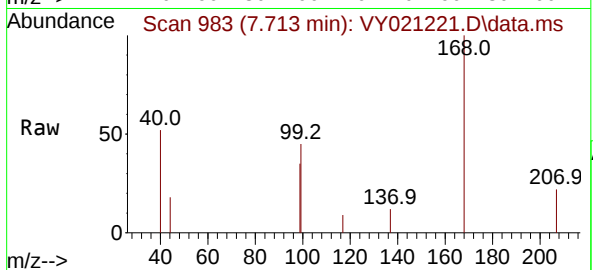
Lab File: VY021221.D

Acq: 17 Feb 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :



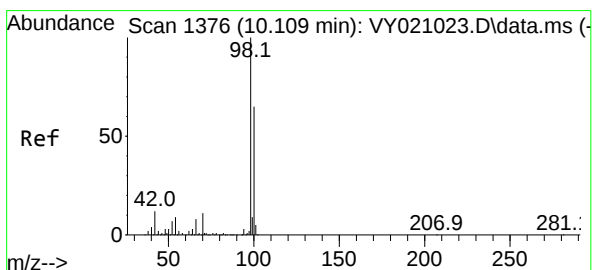
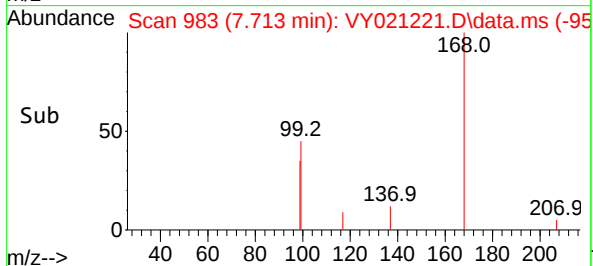
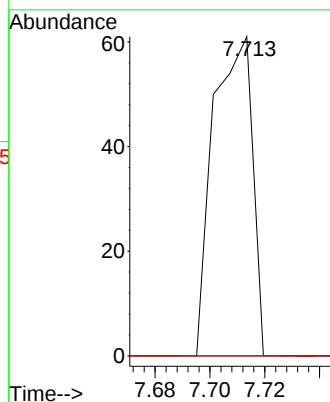
Tgt Ion:117 Resp: 60

Ion Ratio Lower Upper

117 100

119 0.0 76.0 114.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 33.845 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021221.D

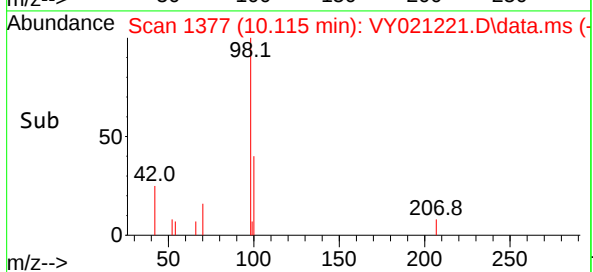
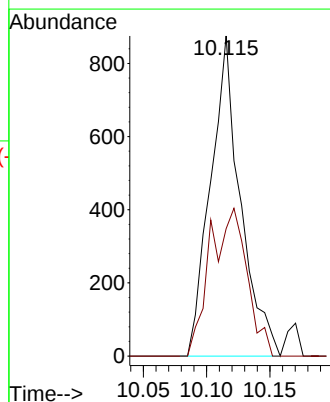
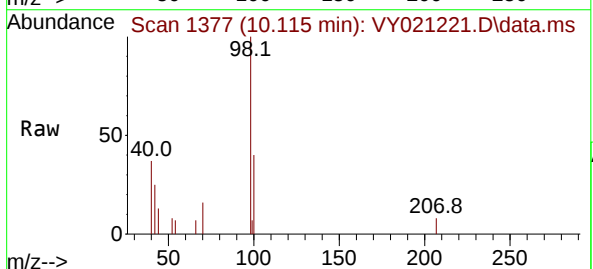
Acq: 17 Feb 2025 14:51

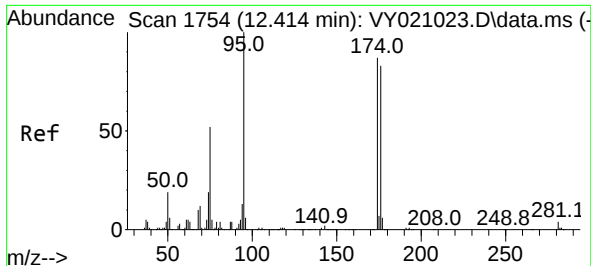
Tgt Ion: 98 Resp: 1436

Ion Ratio Lower Upper

98 100

100 57.2 52.3 78.5

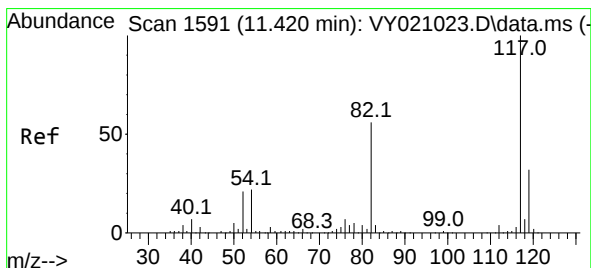
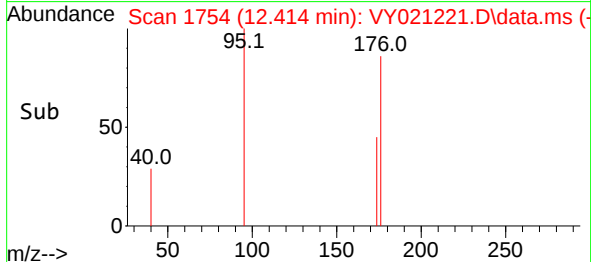
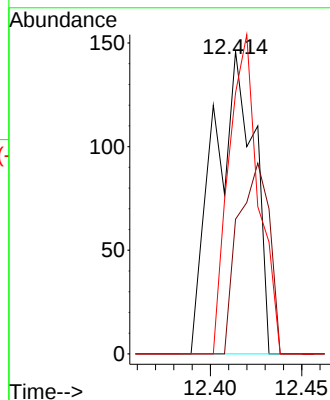
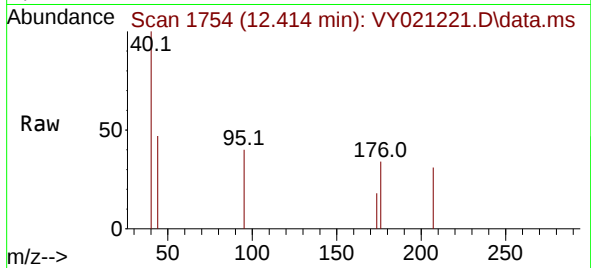




#62
4-Bromofluorobenzene
Concen: 16.232 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021221.D
Acq: 17 Feb 2025 14:51

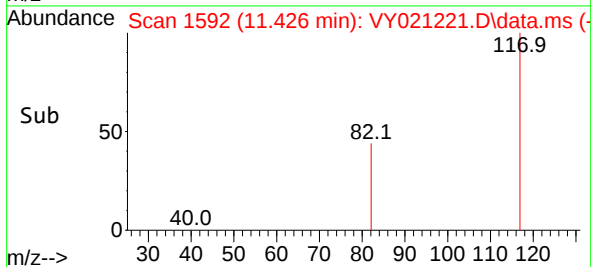
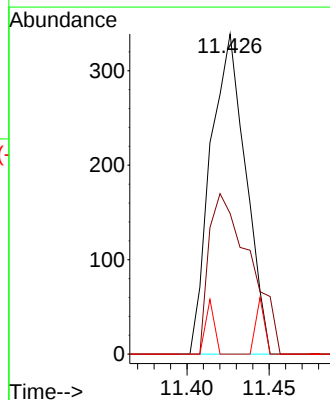
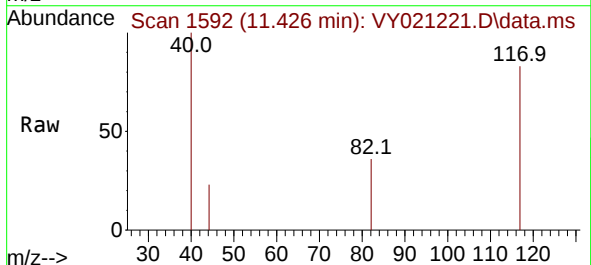
Instrument :
MSVOA_Y
ClientSampleId :

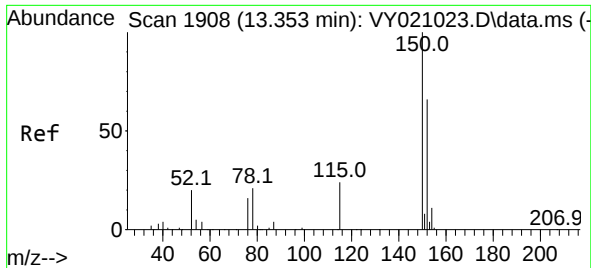
Tgt Ion:	95	Resp:	225
Ion	Ratio	Lower	Upper
95	100		
174	48.9	0.0	160.0
176	77.8	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021221.D
Acq: 17 Feb 2025 14:51

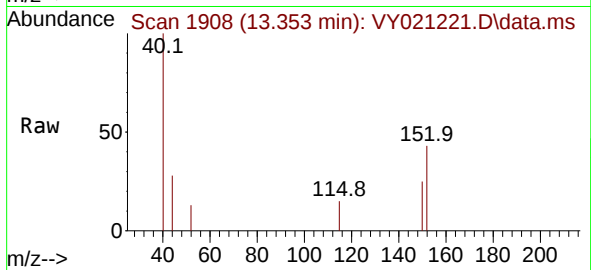
Tgt Ion:	117	Resp:	504
Ion	Ratio	Lower	Upper
117	100		
82	44.0	43.8	65.8
119	0.0	26.5	39.7#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY021221.D
 Acq: 17 Feb 2025 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
152	100		
115	10.3	30.0	90.0#
150	141.0	0.0	344.6

