

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021204.D
 Acq On : 14 Feb 2025 12:16
 Operator : SY/MD
 Sample : Q1365-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 22:18:22 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)

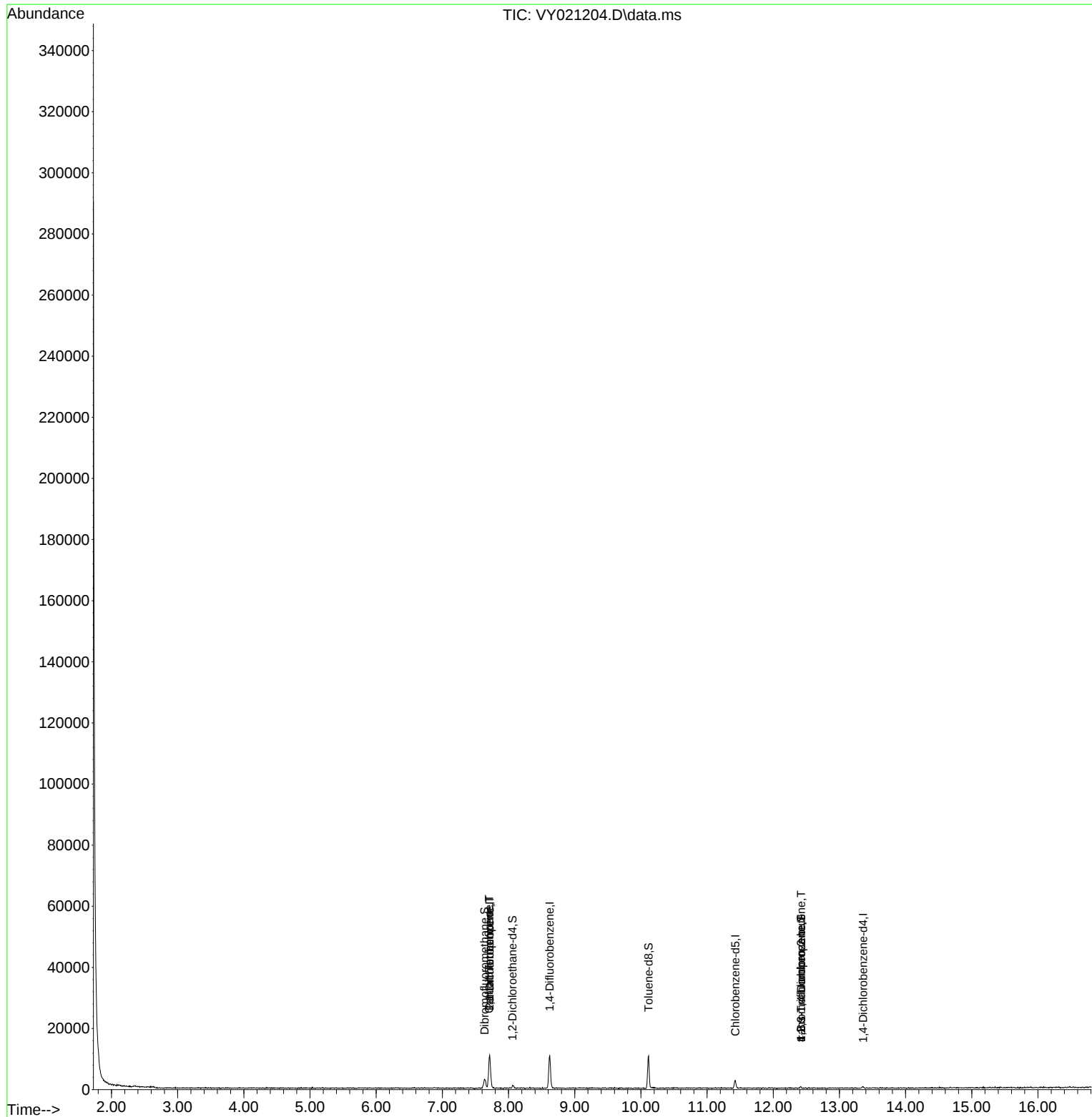
Internal Standards						
1) Pentafluorobenzene	7.713	168	8476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	8731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	1709	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	799	9.200	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	18.400%#
35) Dibromofluoromethane	7.640	113	2204	39.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.780%
50) Toluene-d8	10.115	98	7111	33.382	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	66.760%
62) 4-Bromofluorobenzene	12.420	95	244	3.506	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	7.020%#
Target Compounds						
					Qvalue	
36) 1,1-Dichloropropene	7.713	75	643	7.758	ug/l #	42
38) Carbon Tetrachloride	7.707	117	896	9.252	ug/l #	12
76) 1,2,3-Trichloropropane	12.420	75	29	22.999	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.420	75	29	46.930	ug/l #	12

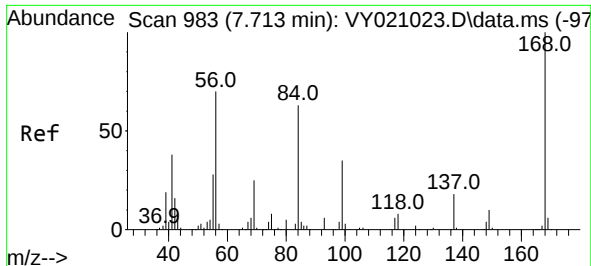
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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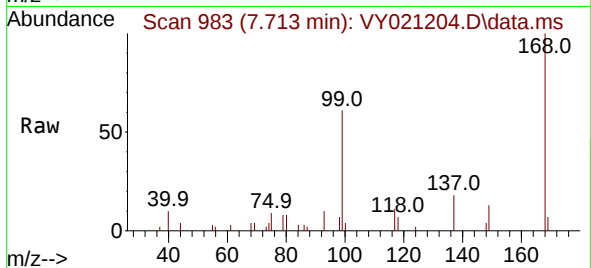
Quant Time: Feb 14 22:18:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
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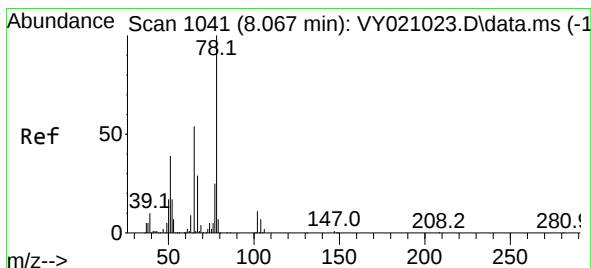
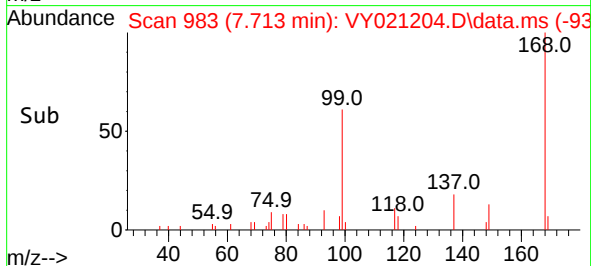
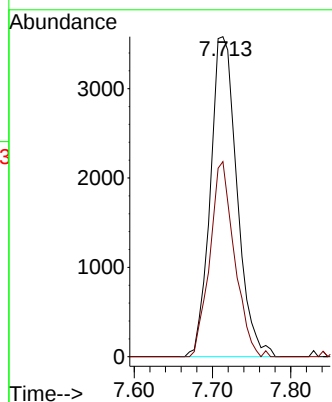


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

Instrument :
MSVOA_Y
ClientSampleId :

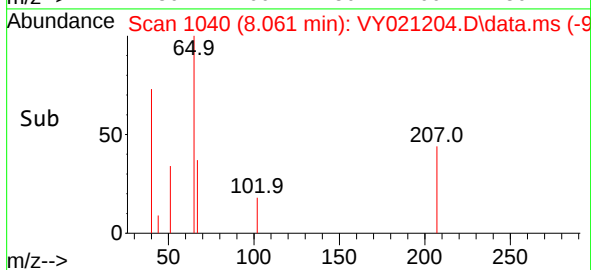
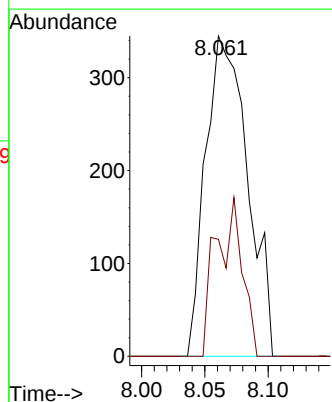
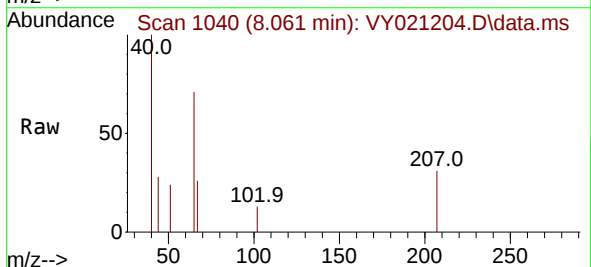


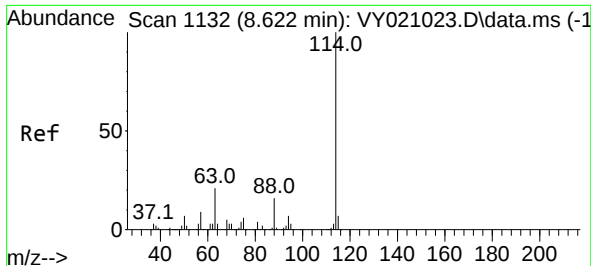
Tgt Ion:168 Resp: 8476
Ion Ratio Lower Upper
168 100
99 61.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 9.200 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

Tgt Ion: 65 Resp: 799
Ion Ratio Lower Upper
65 100
67 16.0 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: VY021204.D

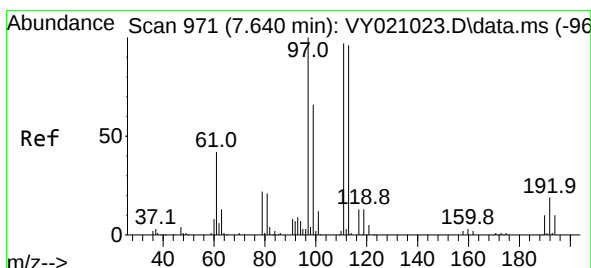
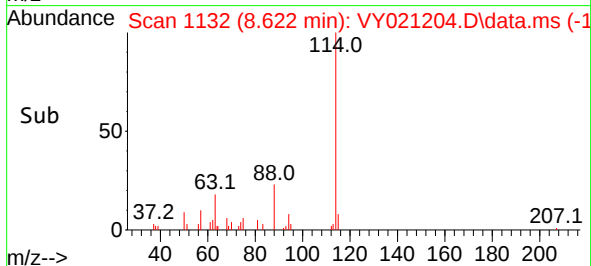
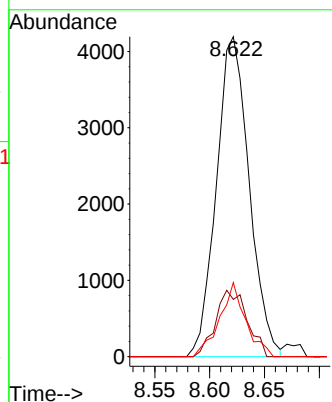
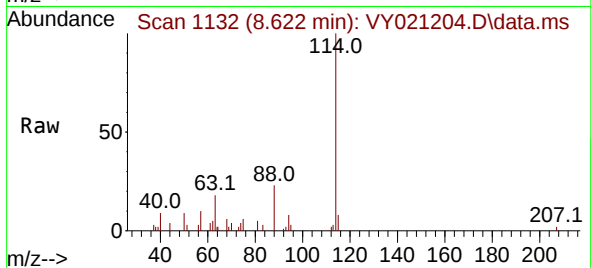
Acq: 14 Feb 2025 12:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	8731
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	37.4
88	23.1	0.0	29.0



#35

Dibromofluoromethane

Concen: 39.389 ug/l

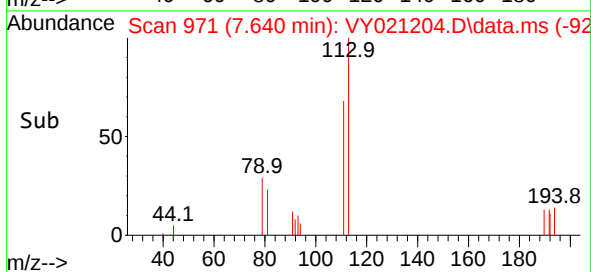
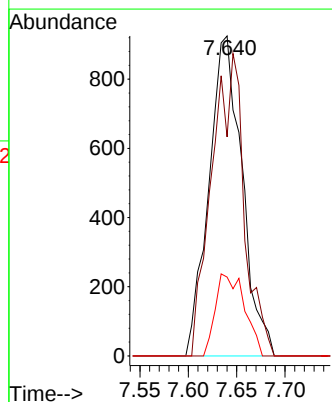
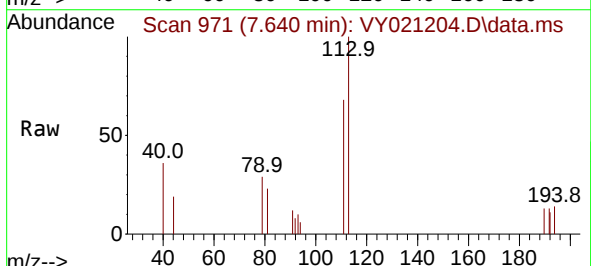
RT: 7.640 min Scan# 971

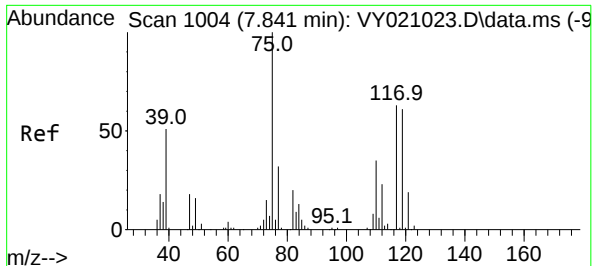
Delta R.T. -0.000 min

Lab File: VY021204.D

Acq: 14 Feb 2025 12:16

Tgt Ion:	113	Resp:	2204
Ion	Ratio	Lower	Upper
113	100		
111	92.2	83.8	125.6
192	22.5	14.5	21.7#





#36

1,1-Dichloropropene

Concen: 7.758 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.128 min

Lab File: VY021204.D

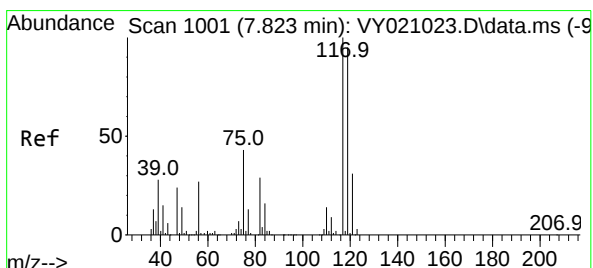
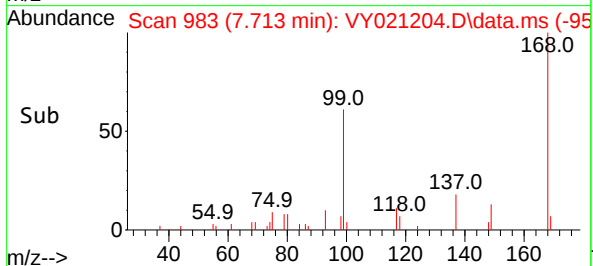
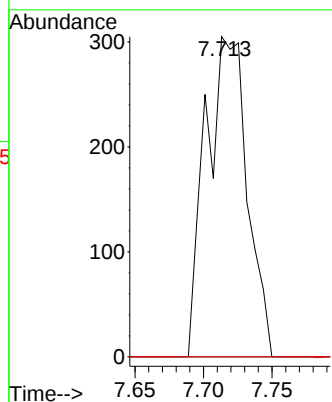
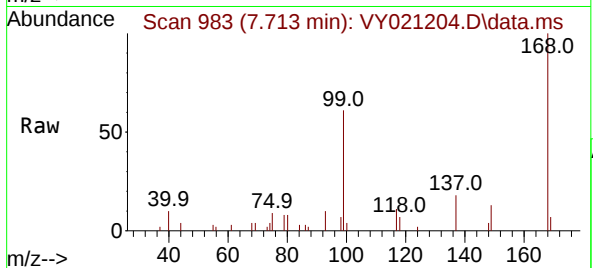
Acq: 14 Feb 2025 12:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 643
Ion Ratio	Lower Upper
75 100	
110 0.0	17.4 52.3#
77 0.0	24.7 37.1#



#38

Carbon Tetrachloride

Concen: 9.252 ug/l

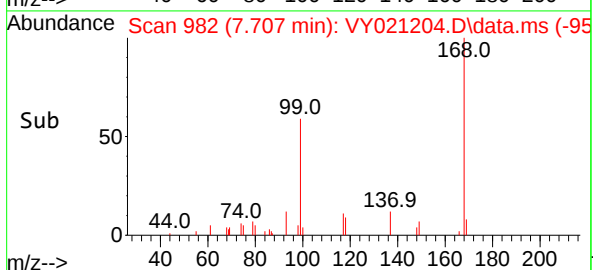
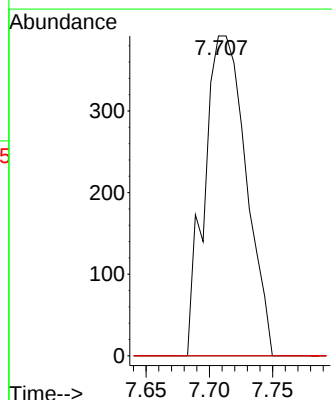
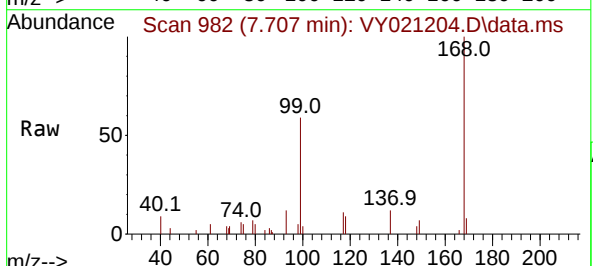
RT: 7.707 min Scan# 982

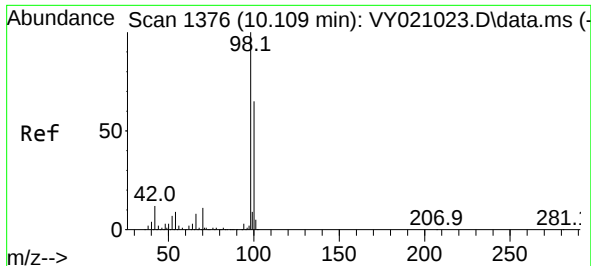
Delta R.T. -0.116 min

Lab File: VY021204.D

Acq: 14 Feb 2025 12:16

Tgt Ion: 117	Resp: 896
Ion Ratio	Lower Upper
117 100	
119 0.0	76.0 114.0#
121 0.0	24.2 36.2#

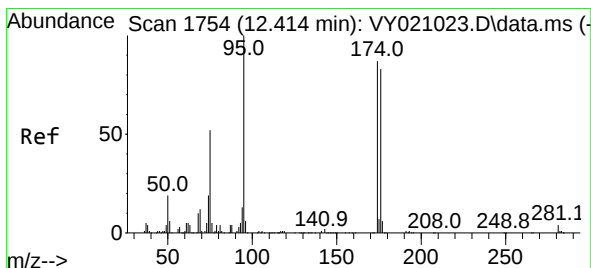
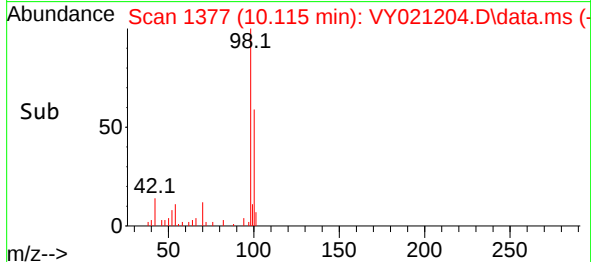
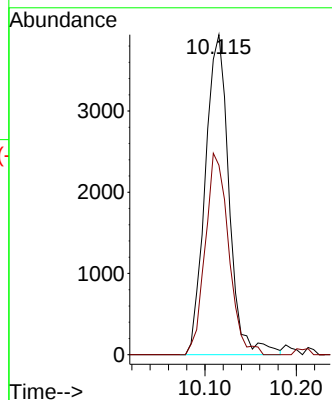
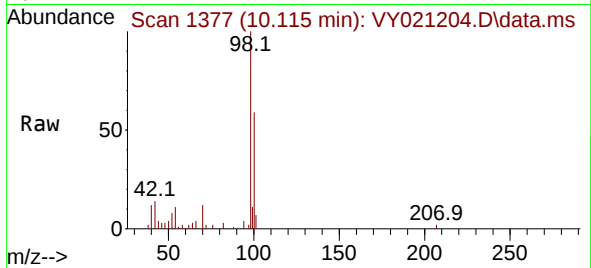




#50
Toluene-d8
Concen: 33.382 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

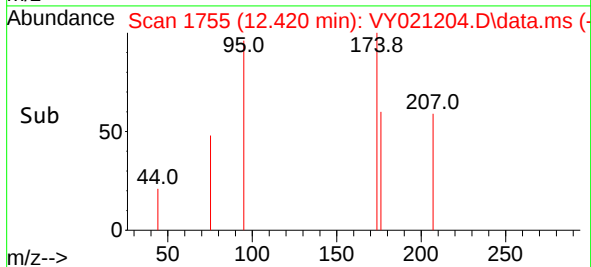
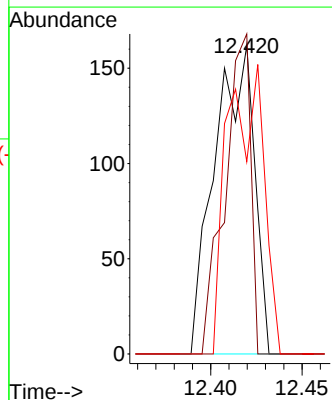
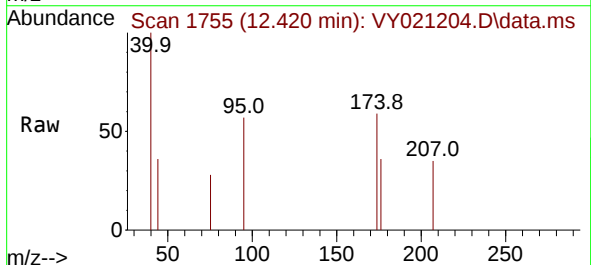
Instrument :
MSVOA_Y
ClientSampleId :

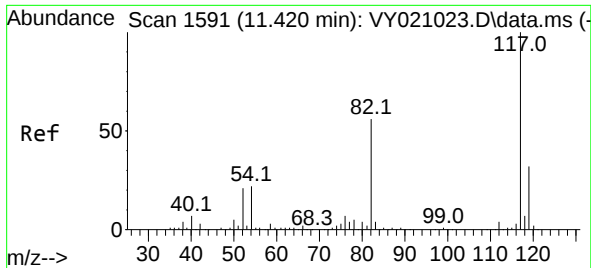
Tgt Ion: 98 Resp: 7111
Ion Ratio Lower Upper
98 100
100 61.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 3.506 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.006 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

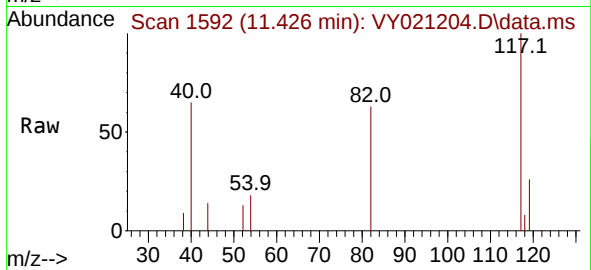
Tgt Ion: 95 Resp: 244
Ion Ratio Lower Upper
95 100
174 67.6 0.0 160.0
176 85.7 0.0 151.8



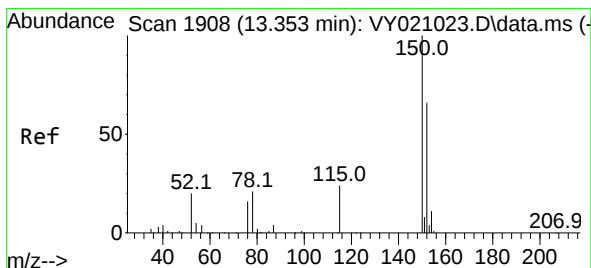
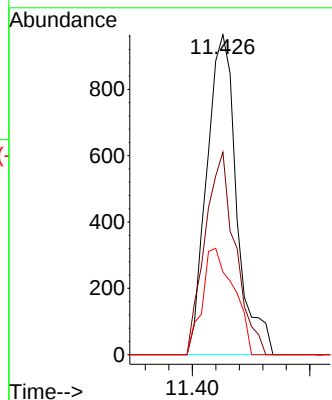
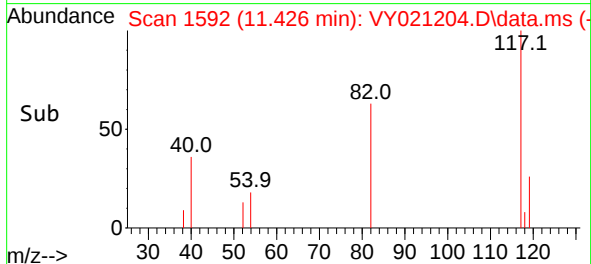


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11709
Delta R.T. 0.006 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

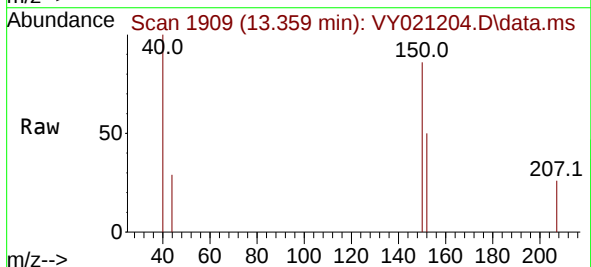
Instrument :
MSVOA_Y
ClientSampleId :



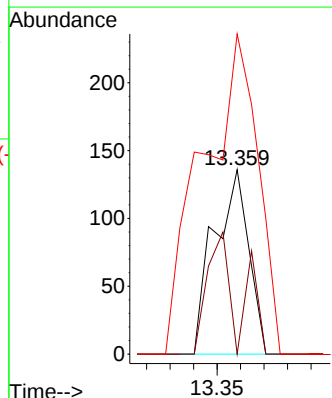
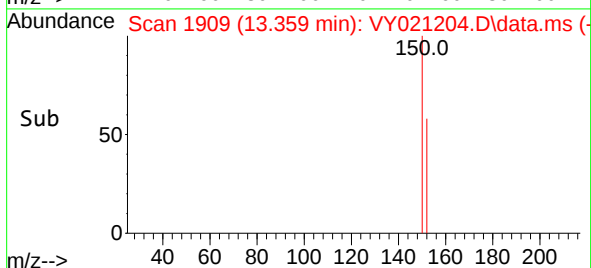
Tgt Ion:117 Resp: 1709
Ion Ratio Lower Upper
117 100
82 63.3 43.8 65.8
119 25.8 26.5 39.7#

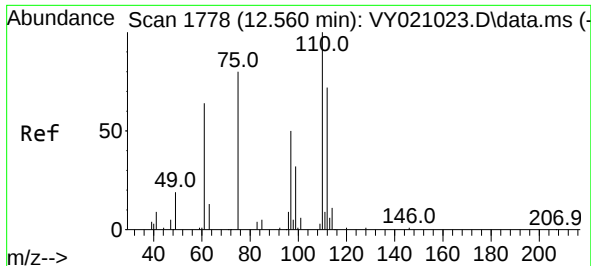


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16



Tgt Ion:152 Resp: 139
Ion Ratio Lower Upper
152 100
115 60.4 30.0 90.0
150 277.0 0.0 344.6

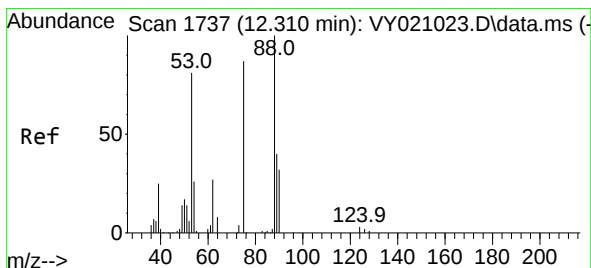
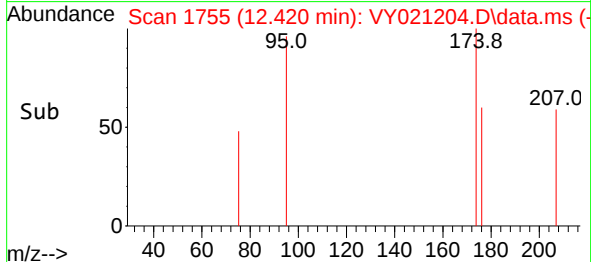
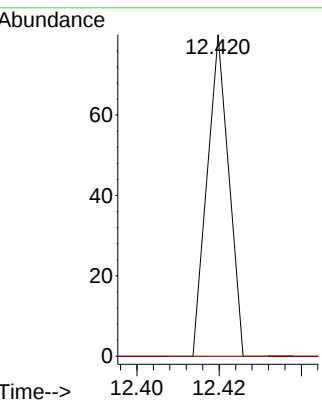
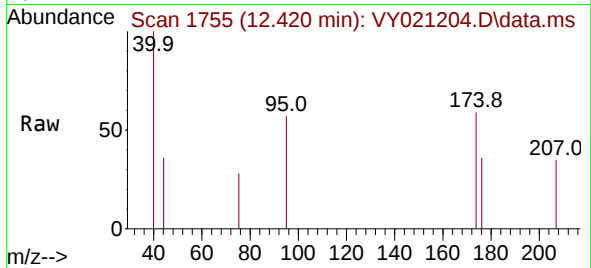




#76
1,2,3-Trichloropropane
Concen: 22.999 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. -0.140 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 29
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 46.930 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.110 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

Tgt Ion: 75 Resp: 29
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

