

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021203.D
 Acq On : 14 Feb 2025 11:53
 Operator : SY/MD
 Sample : Q1365-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 22:17:54 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)

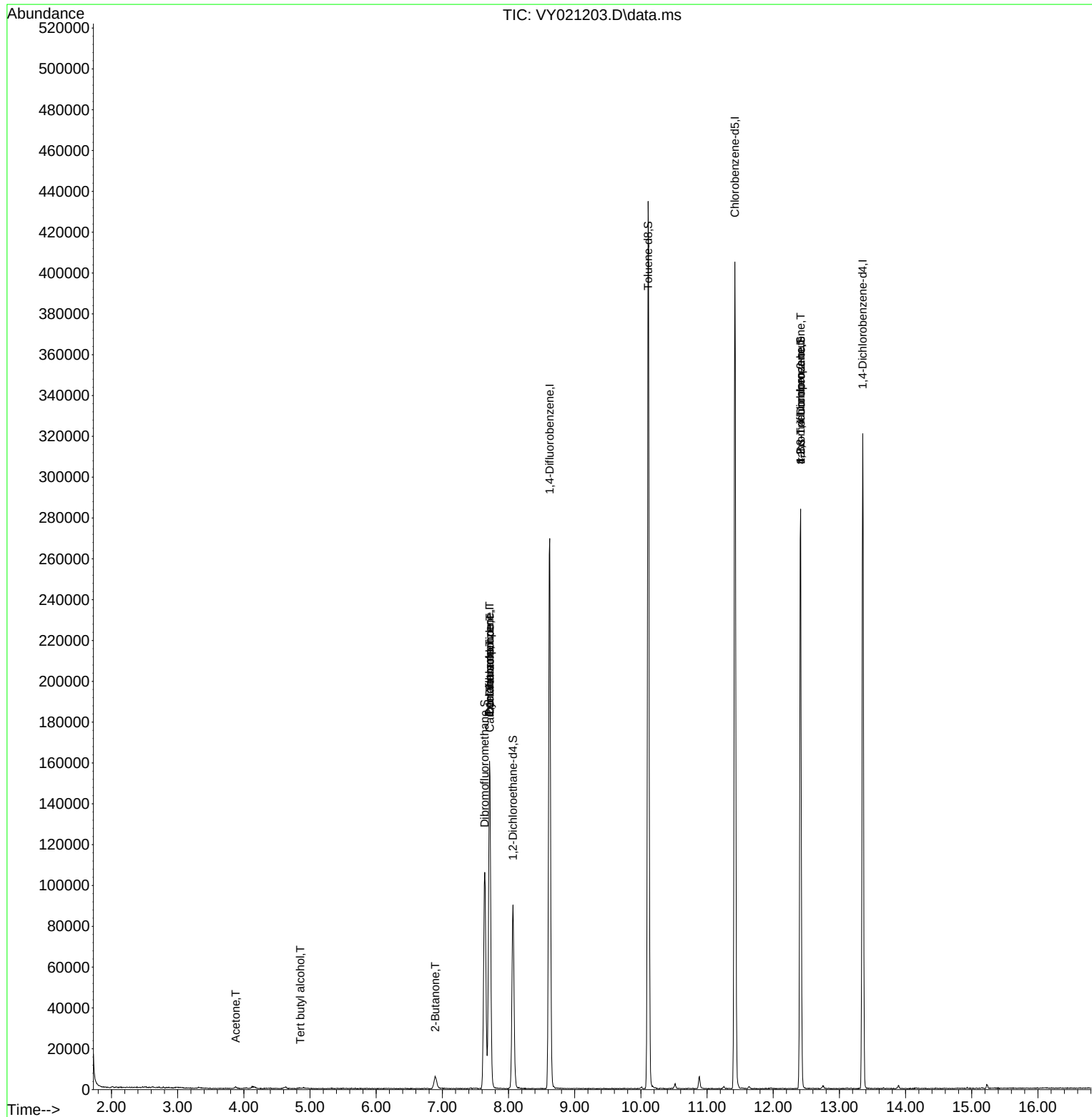
Internal Standards						
1) Pentafluorobenzene	7.713	168	121656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	226722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	205938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	77085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	71583	57.429	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.860%			
35) Dibromofluoromethane	7.640	113	75166	51.732	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.460%			
50) Toluene-d8	10.109	98	274994	49.713	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.420%			
62) 4-Bromofluorobenzene	12.414	95	83695	46.313	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.620%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	642	7.601	ug/l #	75
16) Acetone	3.879	43	1247	6.415	ug/l #	74
25) 2-Butanone	6.890	43	407	1.274	ug/l #	48
31) Cyclohexane	7.713	56	2957	1.391	ug/l #	25
36) 1,1-Dichloropropene	7.713	75	9885	4.593	ug/l #	50
38) Carbon Tetrachloride	7.720	117	12605	5.013	ug/l #	15
76) 1,2,3-Trichloropropane	12.414	75	46096	65.921	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	46096	134.511	ug/l #	12

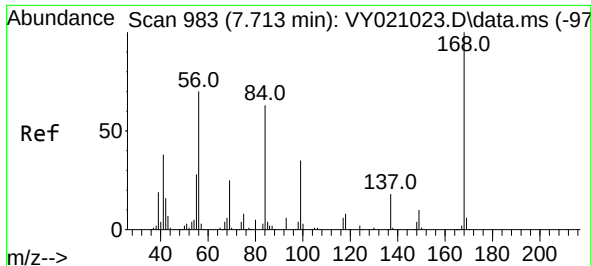
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
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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

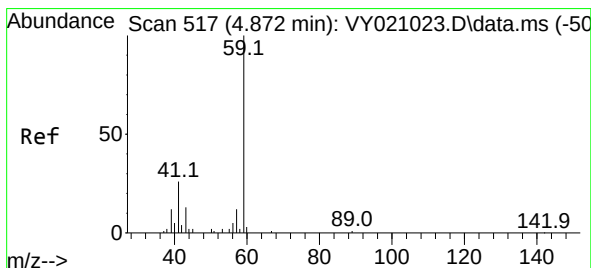
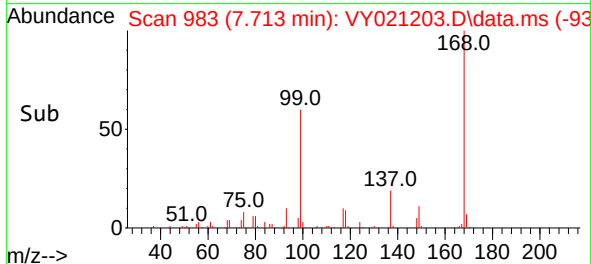
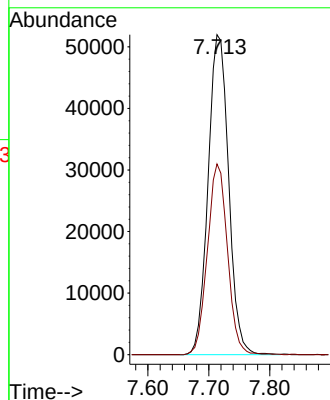
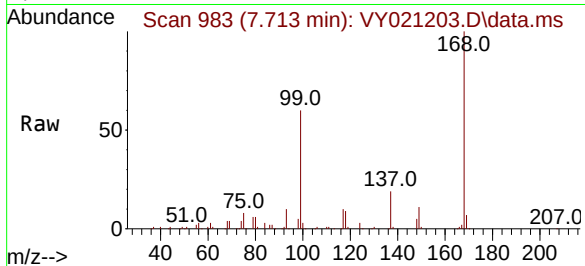




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021203.D
Acq: 14 Feb 2025 11:53

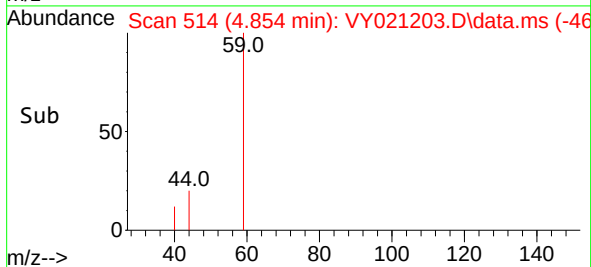
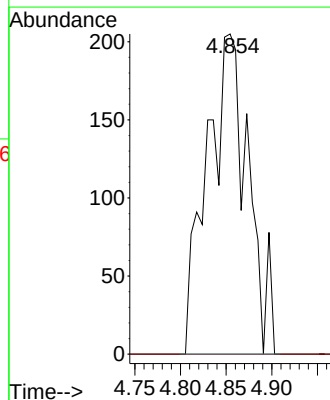
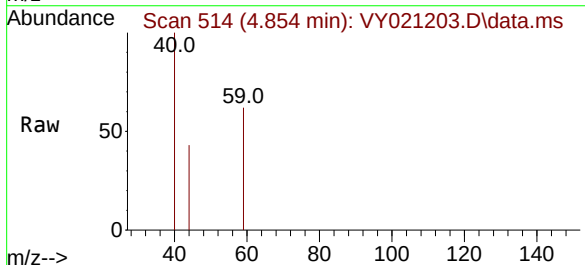
Instrument :
MSVOA_Y
ClientSampleId :

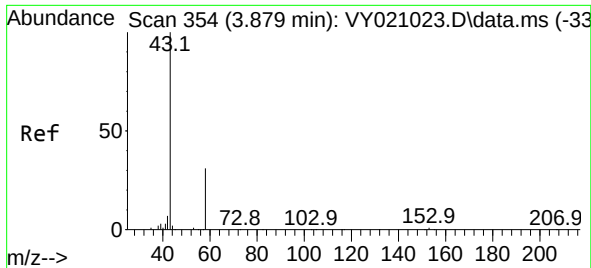
Tgt Ion:168 Resp: 121656
Ion Ratio Lower Upper
168 100
99 59.6 44.2 66.4



#11
Tert butyl alcohol
Concen: 7.601 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY021203.D
Acq: 14 Feb 2025 11:53

Tgt Ion: 59 Resp: 642
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

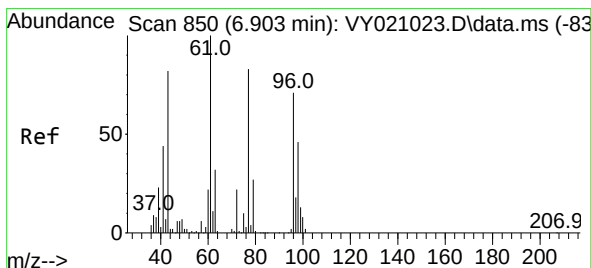
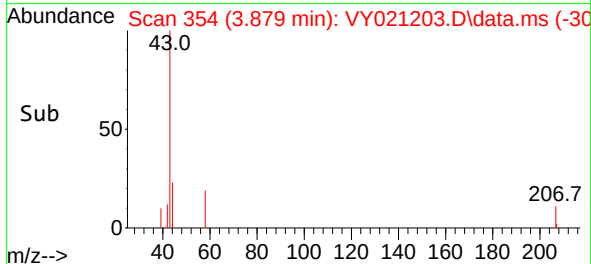
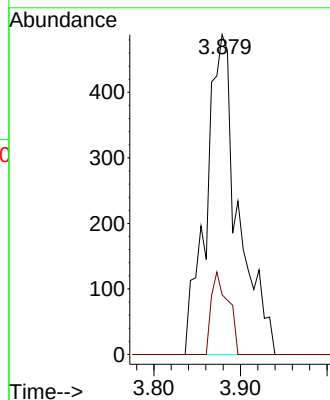
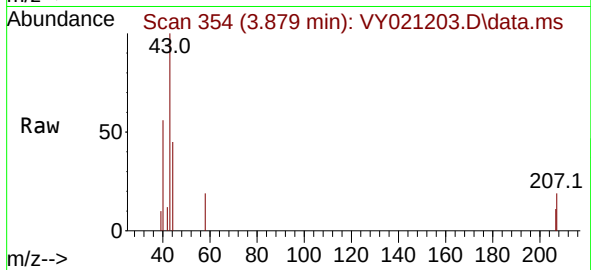




#16
Acetone
Concen: 6.415 ug/l
RT: 3.879 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021203.D
Acq: 14 Feb 2025 11:53

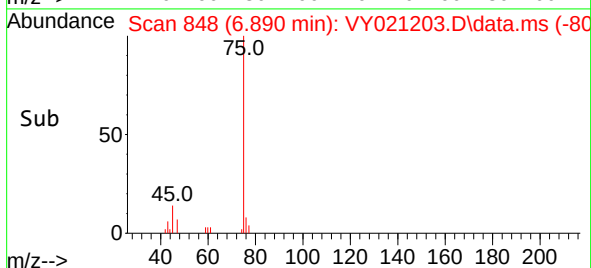
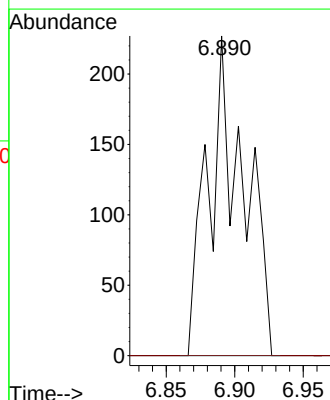
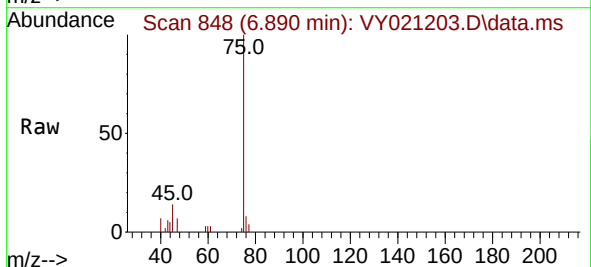
Instrument :
MSVOA_Y
ClientSampleId :

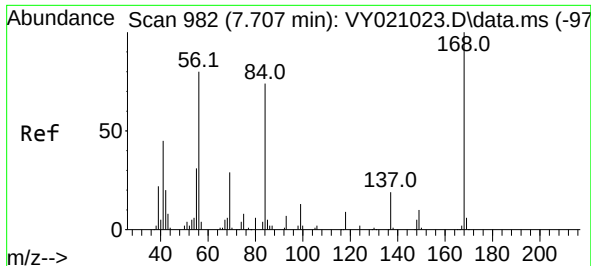
Tgt Ion: 43 Resp: 1247
Ion Ratio Lower Upper
43 100
58 18.6 26.6 39.8#



#25
2-Butanone
Concen: 1.274 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY021203.D
Acq: 14 Feb 2025 11:53

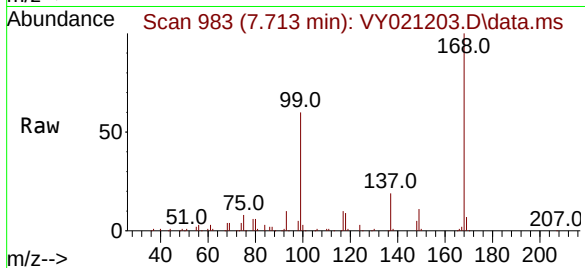
Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



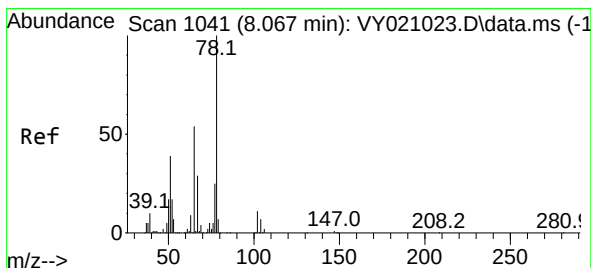
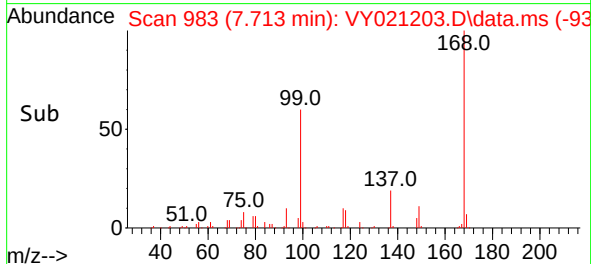
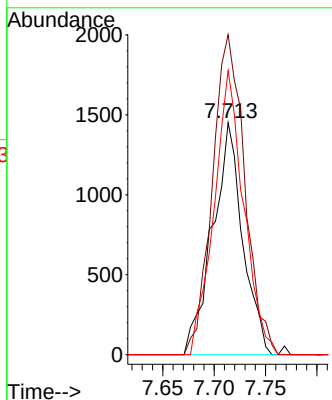


#31
Cyclohexane
Concen: 1.391 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021203.D
Acq: 14 Feb 2025 11:53

Instrument :
MSVOA_Y
ClientSampleId :

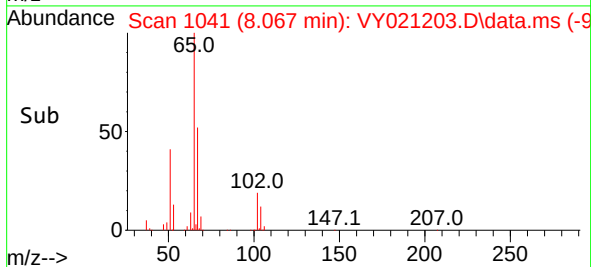
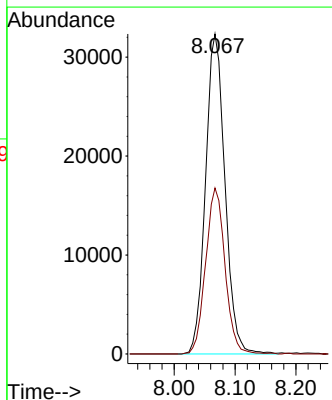
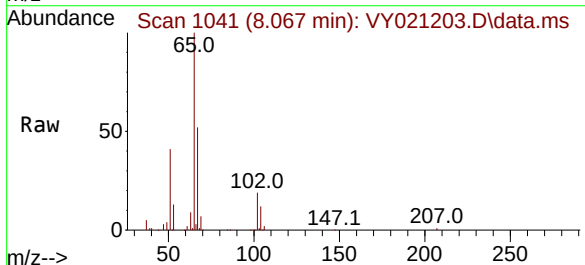


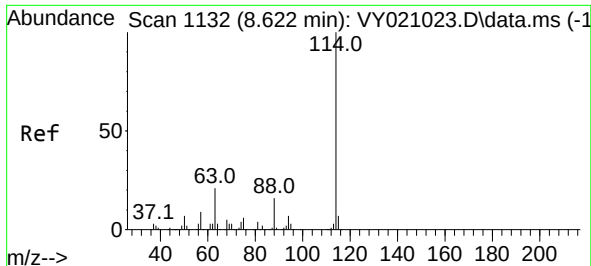
Tgt Ion: 56 Resp: 2957
Ion Ratio Lower Upper
56 100
69 137.9 27.0 40.6#
84 122.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 57.429 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021203.D
Acq: 14 Feb 2025 11:53

Tgt Ion: 65 Resp: 71583
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.0

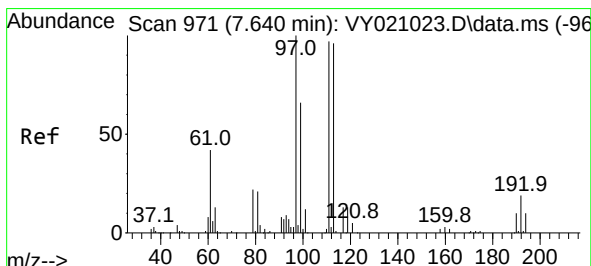
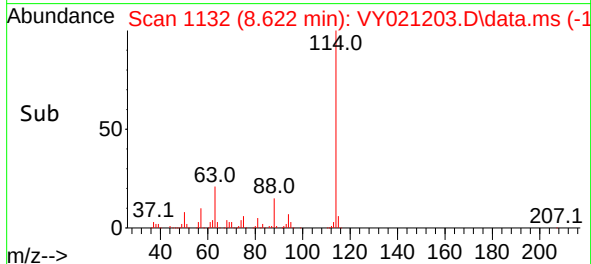
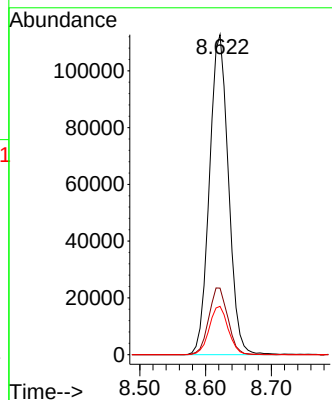
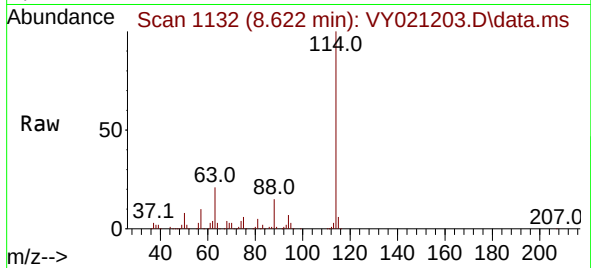




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021203.D
Acq: 14 Feb 2025 11:53

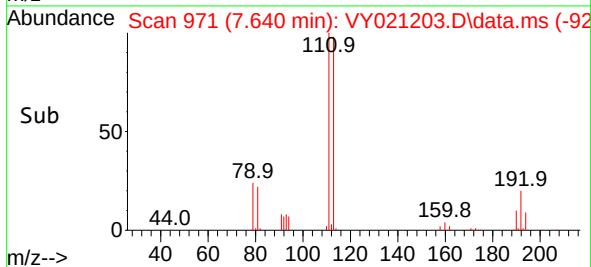
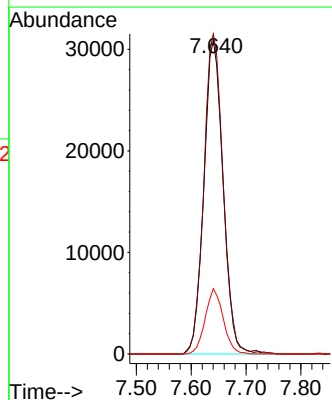
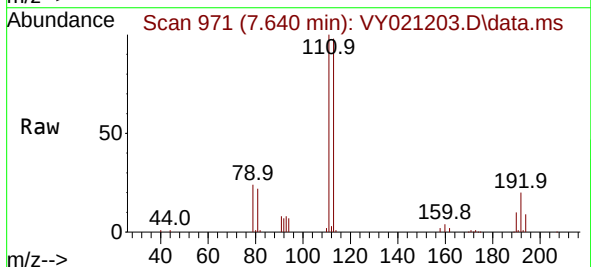
Instrument :
MSVOA_Y
ClientSampleId :

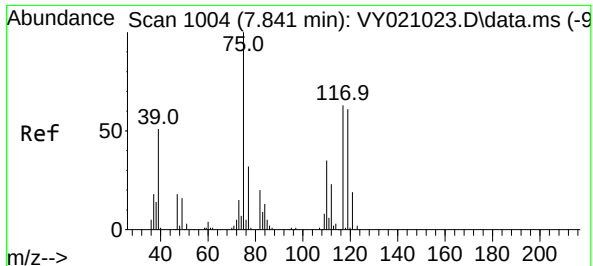
Tgt Ion:114 Resp: 226722
Ion Ratio Lower Upper
114 100
63 20.8 0.0 37.4
88 15.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 51.732 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY021203.D
Acq: 14 Feb 2025 11:53

Tgt Ion:113 Resp: 75166
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 19.5 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.593 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.128 min

Lab File: VY021203.D

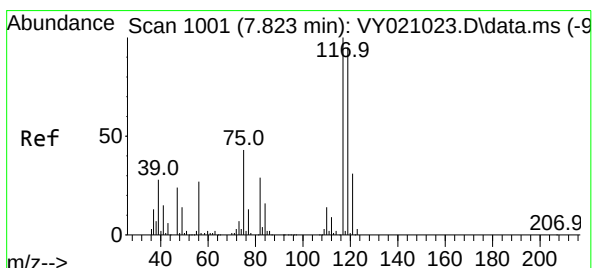
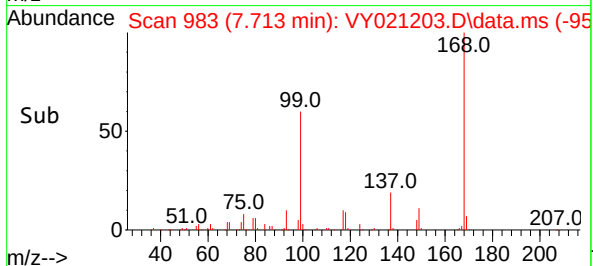
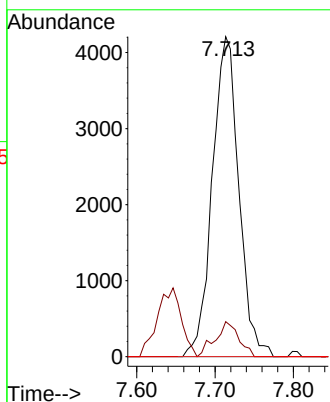
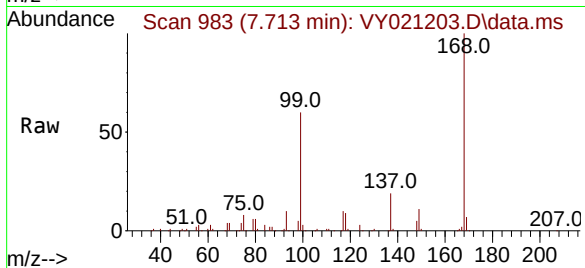
Acq: 14 Feb 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	9885
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.4	52.3#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 5.013 ug/l

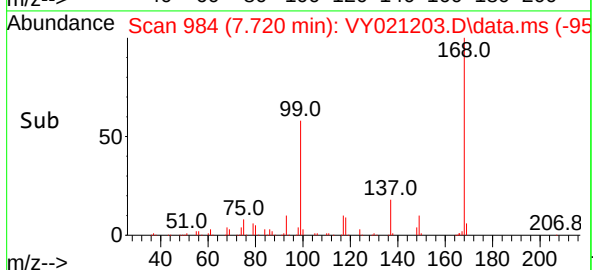
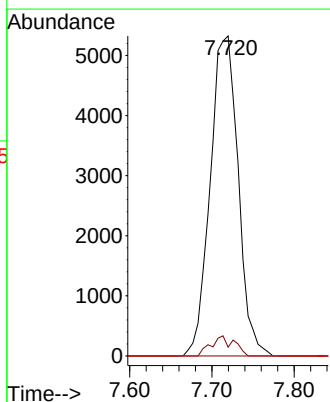
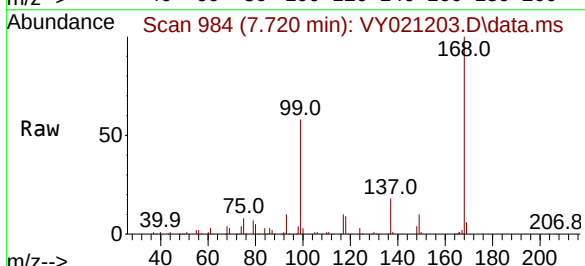
RT: 7.720 min Scan# 984

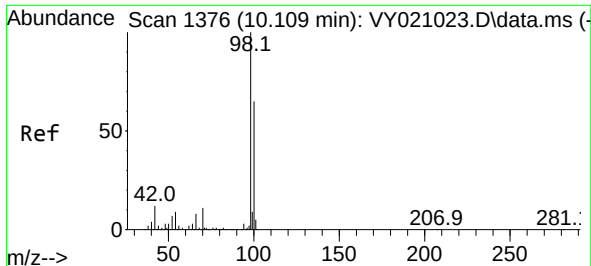
Delta R.T. -0.104 min

Lab File: VY021203.D

Acq: 14 Feb 2025 11:53

Tgt Ion:	117	Resp:	12605
Ion	Ratio	Lower	Upper
117	100		
119	2.8	76.0	114.0#
121	0.0	24.2	36.2#

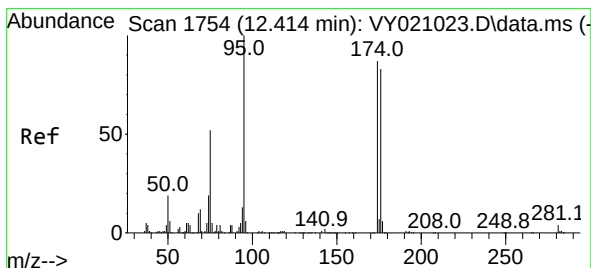
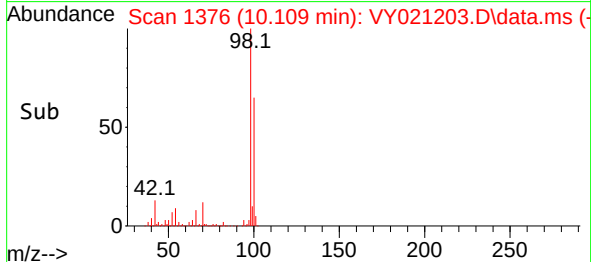
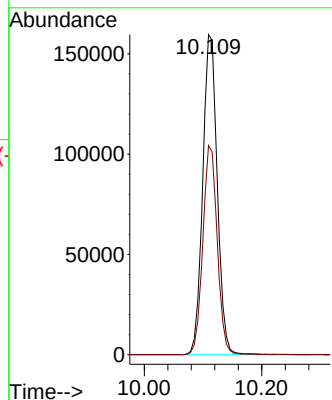
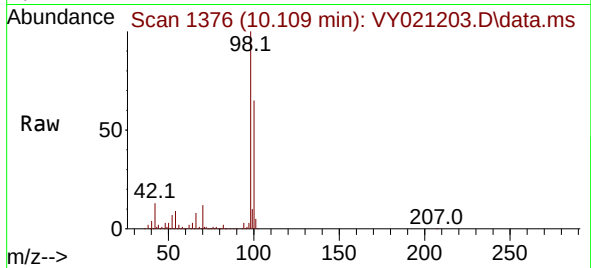




#50
Toluene-d8
Concen: 49.713 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021203.D
Acq: 14 Feb 2025 11:53

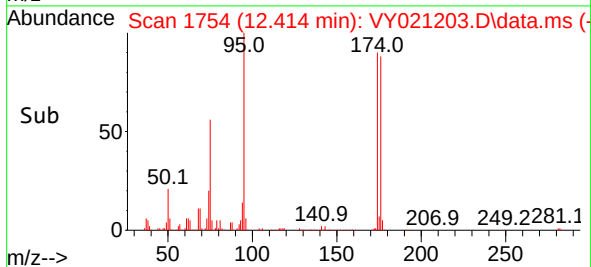
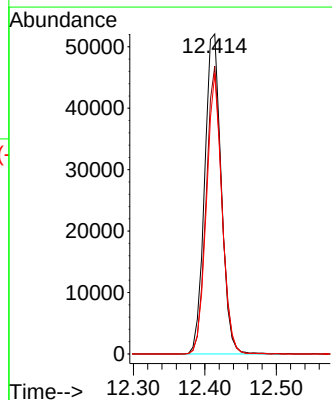
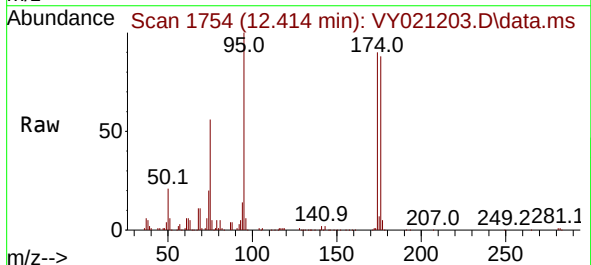
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ClientSampleId :

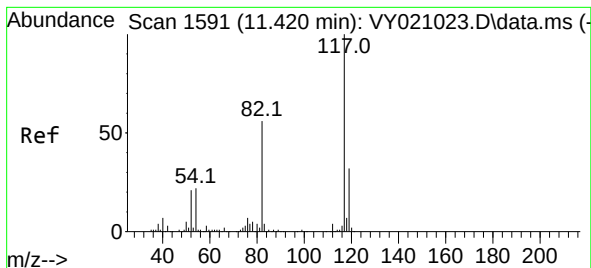
Tgt Ion: 98 Resp: 274994
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.313 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY021203.D
Acq: 14 Feb 2025 11:53

Tgt Ion: 95 Resp: 83695
Ion Ratio Lower Upper
95 100
174 85.4 0.0 160.0
176 82.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021203.D

Acq: 14 Feb 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

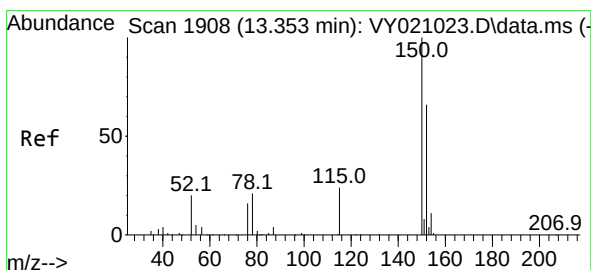
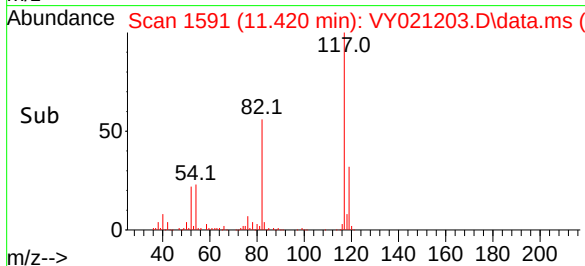
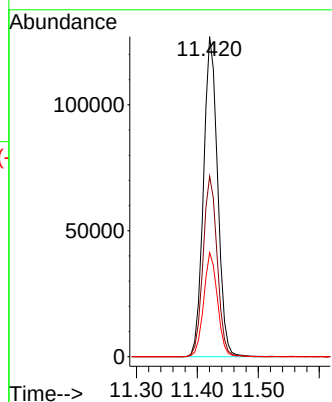
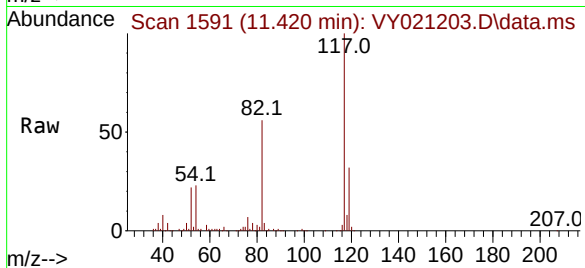
Tgt Ion:117 Resp: 205938

Ion Ratio Lower Upper

117 100

82 56.4 43.8 65.8

119 32.5 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: VY021203.D

Acq: 14 Feb 2025 11:53

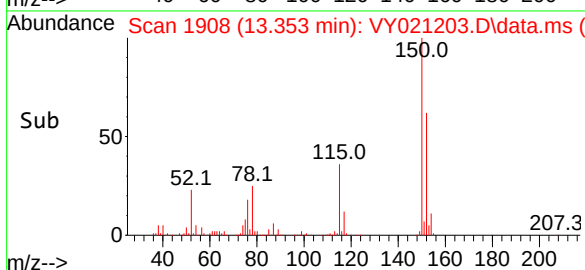
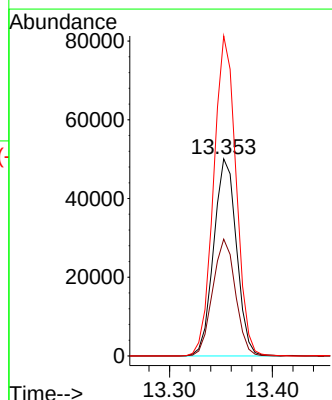
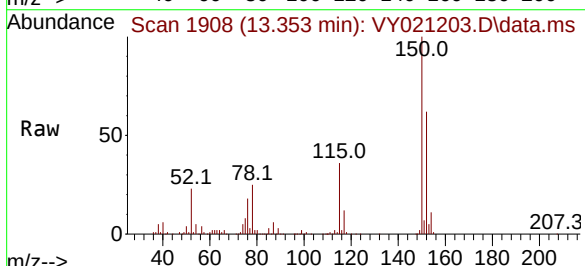
Tgt Ion:152 Resp: 77085

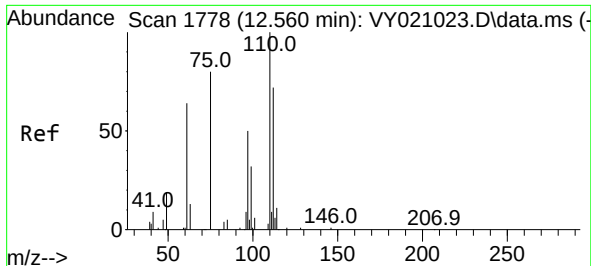
Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 159.8 0.0 344.6

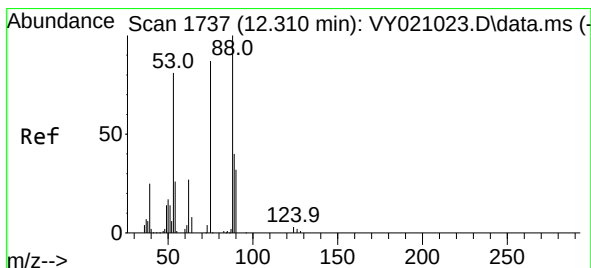
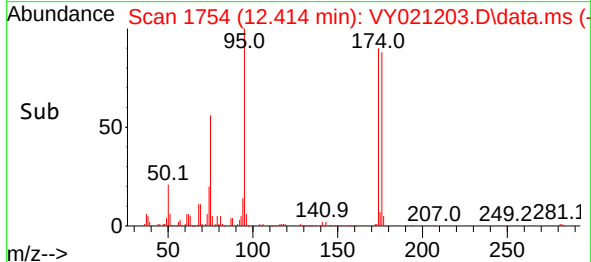
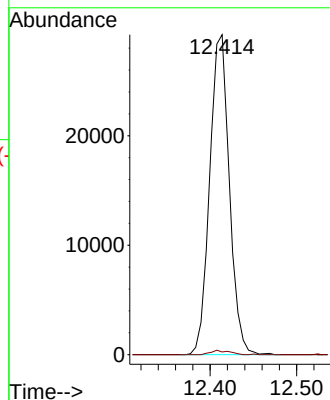
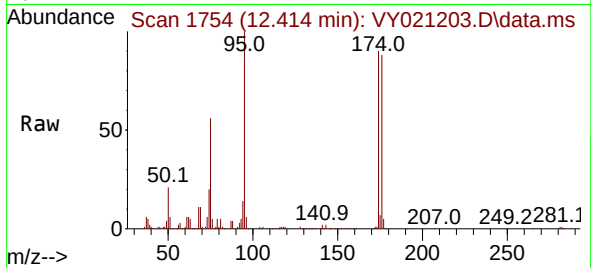




#76
1,2,3-Trichloropropane
Concen: 65.921 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY021203.D
Acq: 14 Feb 2025 11:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 46096
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.511 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY021203.D
Acq: 14 Feb 2025 11:53

Tgt Ion: 75 Resp: 46096
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

