

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021003.D
 Acq On : 31 Jan 2025 11:46
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 22:23:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	235064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	411416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	366768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	149862	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	122005	60.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.920%
35) Dibromofluoromethane	7.634	113	130277	52.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.340%
50) Toluene-d8	10.109	98	476887	49.399	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.408	95	156246	48.234	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.460%

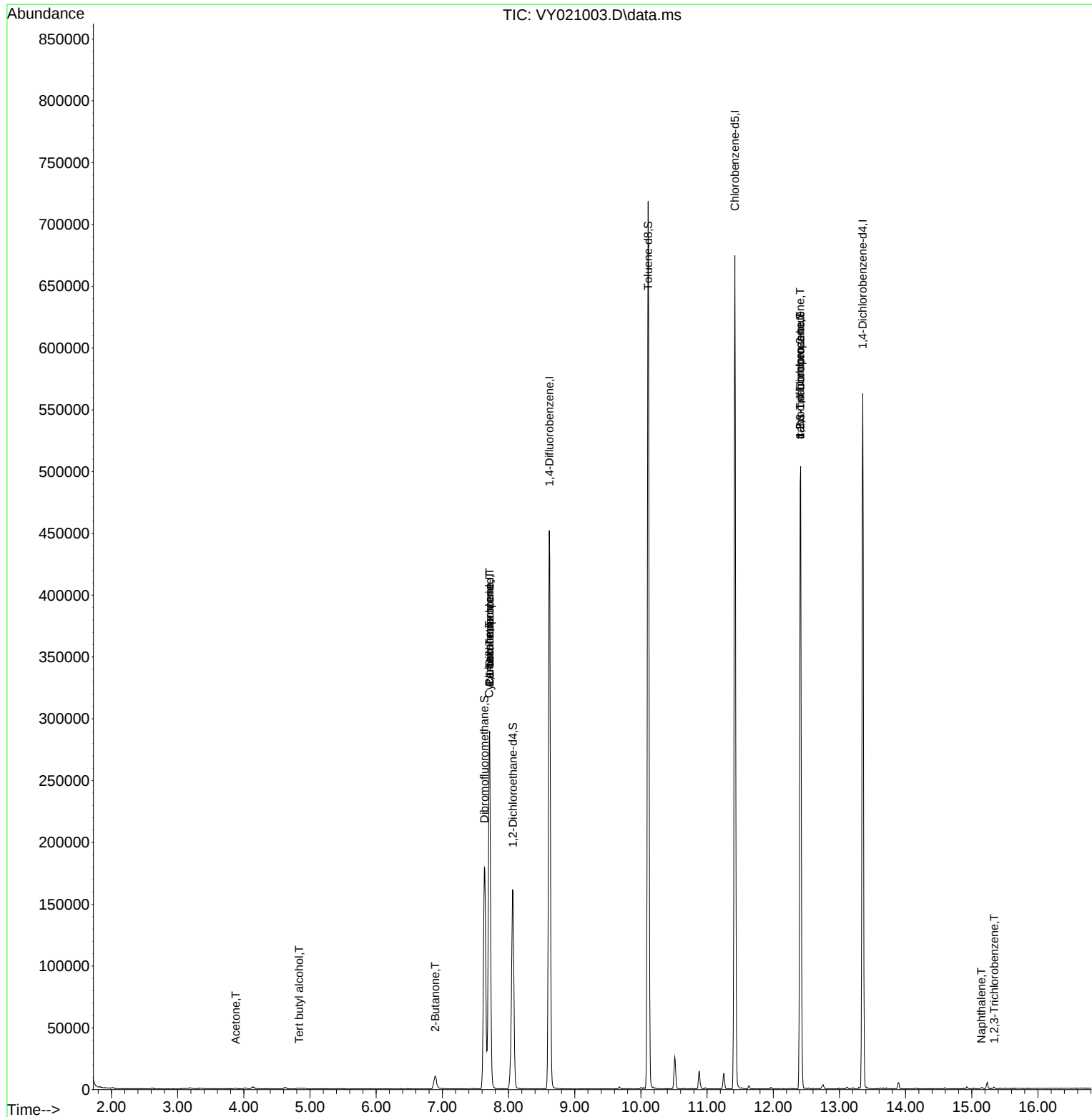
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.836	59	682	4.665	ug/l #	73
16) Acetone	3.879	43	811	2.973	ug/l	96
25) 2-Butanone	6.890	43	507	1.096	ug/l #	44
31) Cyclohexane	7.707	56	3784	1.075	ug/l #	6
36) 1,1-Dichloropropene	7.713	75	15766	4.468	ug/l #	50
38) Carbon Tetrachloride	7.713	117	21822	4.998	ug/l #	18
76) 1,2,3-Trichloropropane	12.408	75	78422	66.104	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	78422	137.220	ug/l #	15
95) Naphthalene	15.145	128	1103	4.216	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.340	180	507	4.680	ug/l #	87

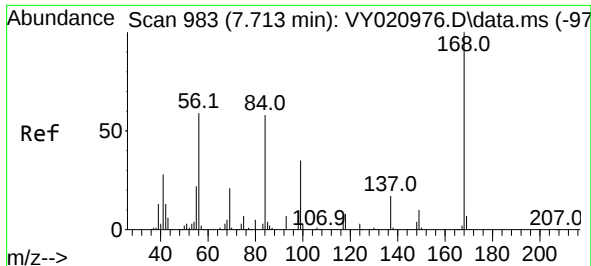
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
Data File : VY021003.D
Acq On : 31 Jan 2025 11:46
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 31 22:23:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 16:50:06 2025
Response via : Initial Calibration

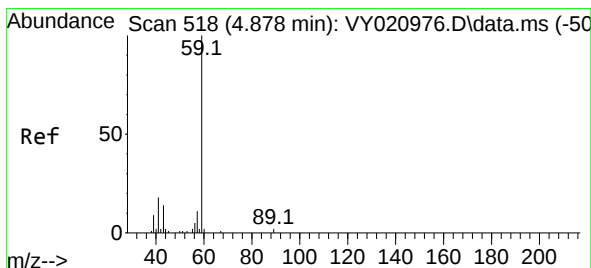
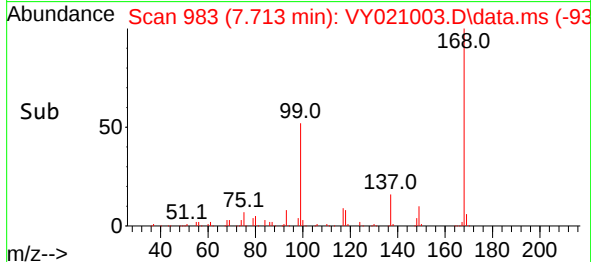
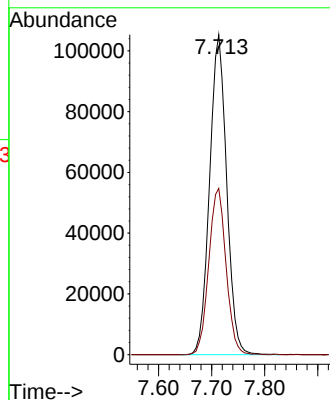
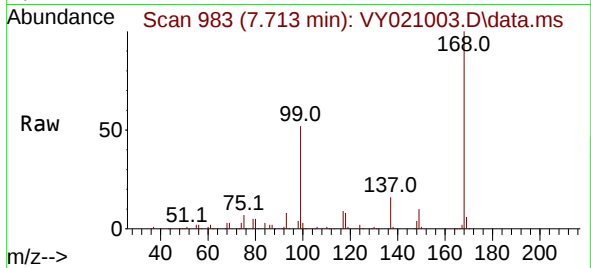




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

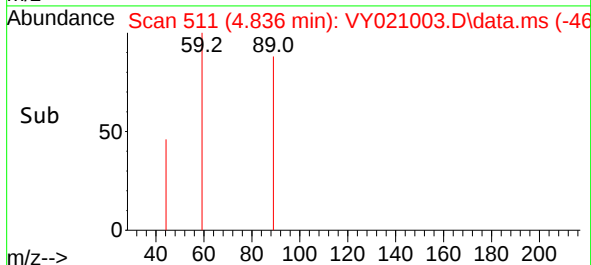
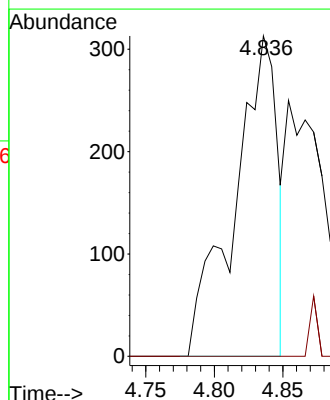
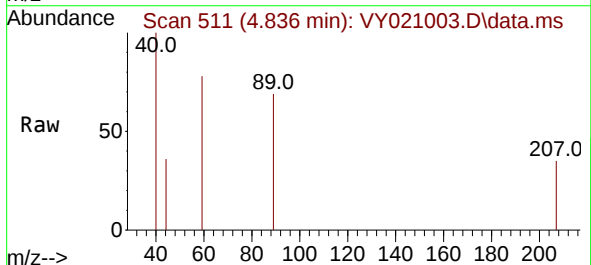
Instrument :
MSVOA_Y
ClientSampleId :

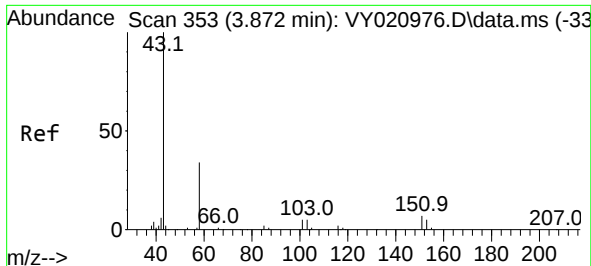
Tgt Ion:168 Resp: 235064
Ion Ratio Lower Upper
168 100
99 51.9 42.2 63.2



#11
Tert butyl alcohol
Concen: 4.665 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.042 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

Tgt Ion: 59 Resp: 682
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

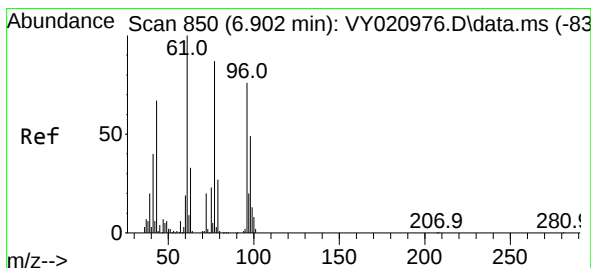
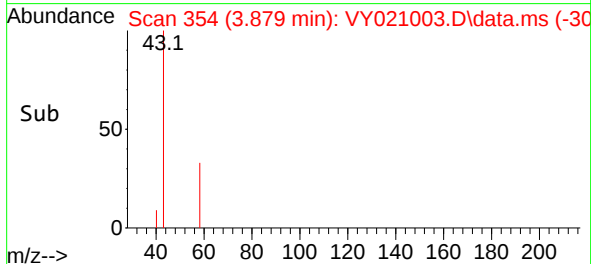
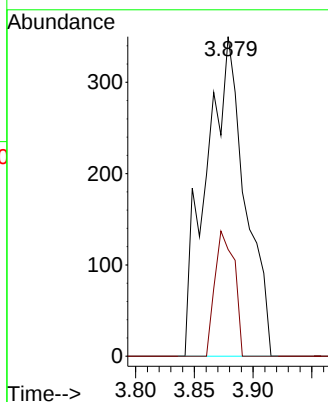
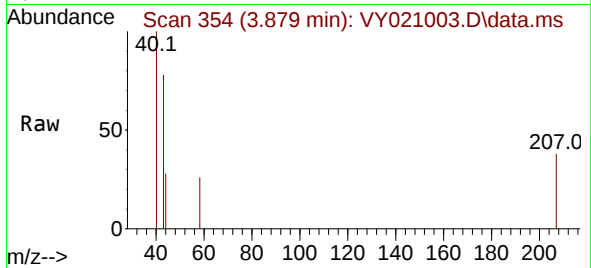




#16
Acetone
Concen: 2.973 ug/l
RT: 3.879 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

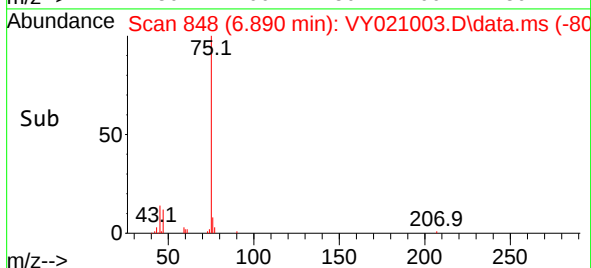
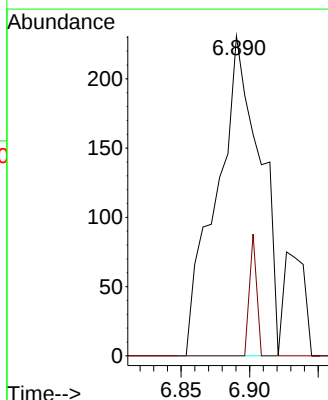
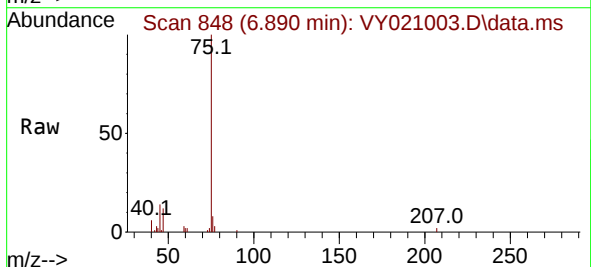
Instrument :
MSVOA_Y
ClientSampleId :

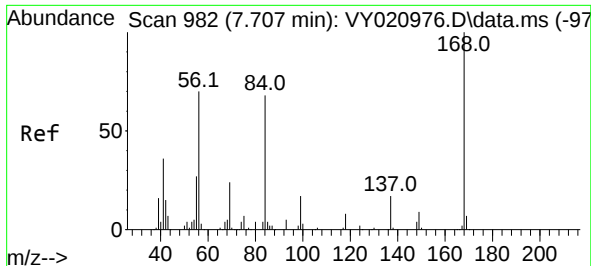
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 33.4 28.4 42.6



#25
2-Butanone
Concen: 1.096 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

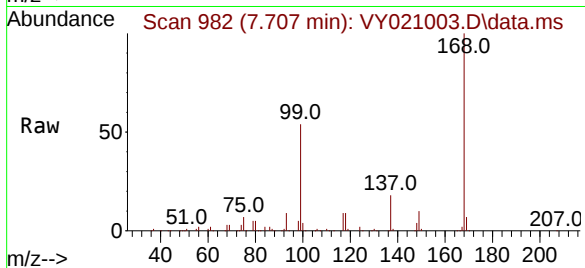
Tgt Ion: 43 Resp: 507
Ion Ratio Lower Upper
43 100
72 0.0 24.3 36.5#



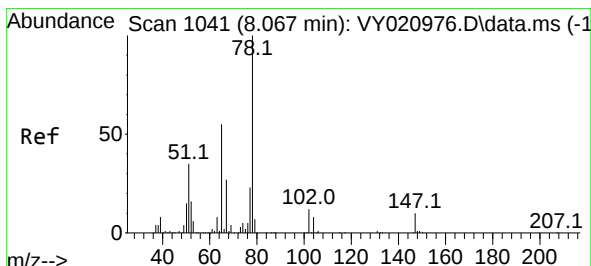
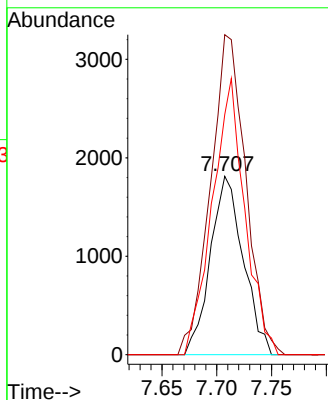
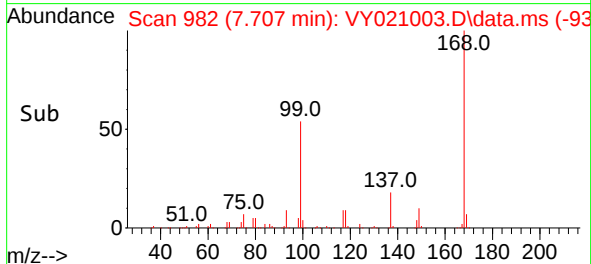


#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

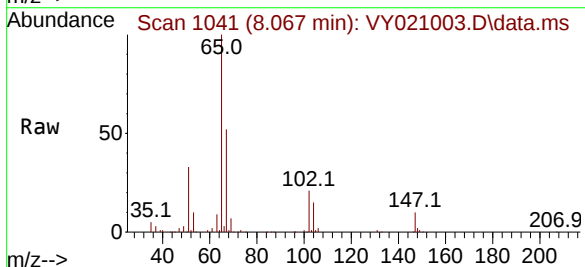
Instrument :
MSVOA_Y
ClientSampleId :



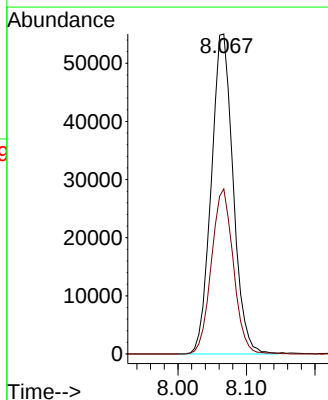
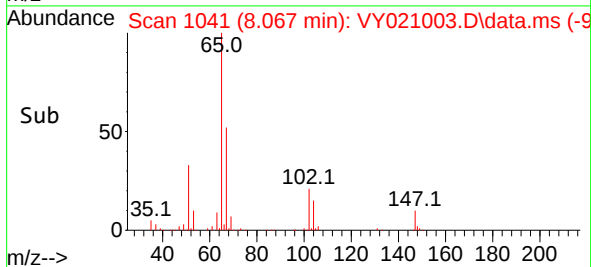
Tgt Ion: 56 Resp: 3784
Ion Ratio Lower Upper
56 100
69 179.4 27.7 41.5#
84 134.6 77.5 116.3#

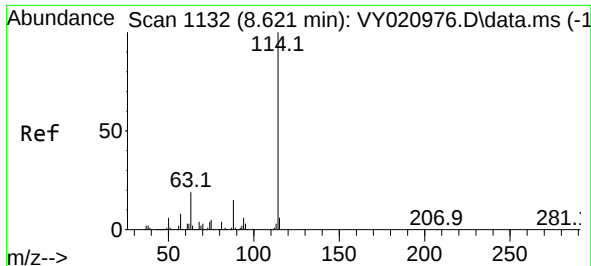


#33
1,2-Dichloroethane-d4
Concen: 60.961 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46



Tgt Ion: 65 Resp: 122005
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.4

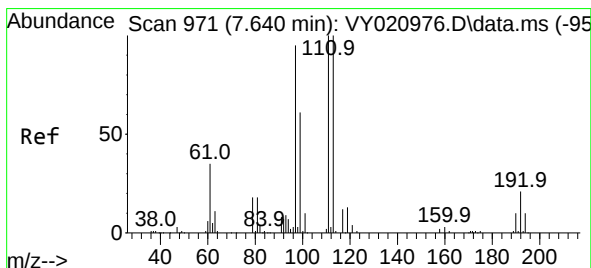
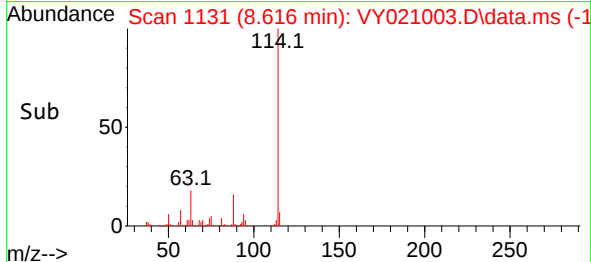
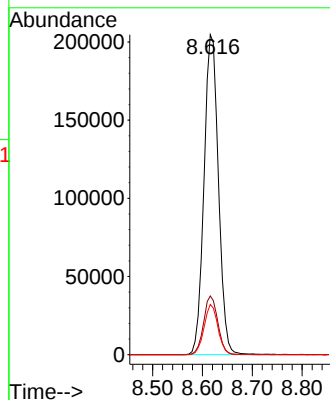
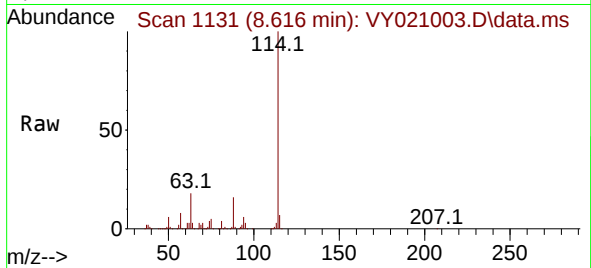




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

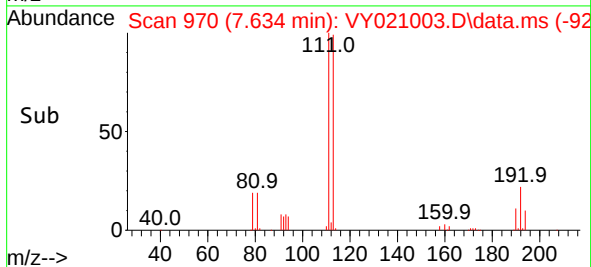
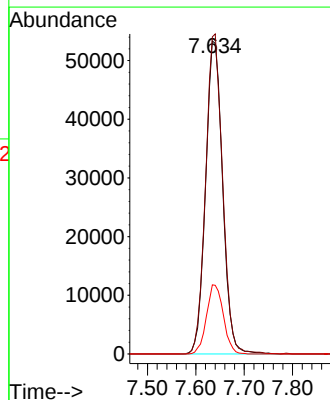
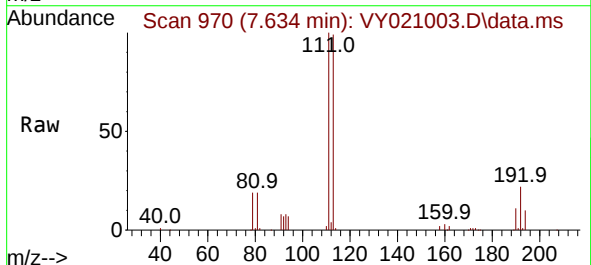
Instrument :
MSVOA_Y
ClientSampleId :

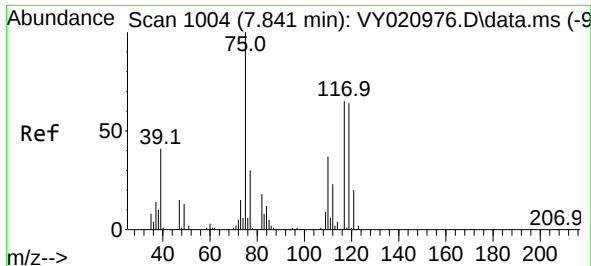
Tgt Ion:114 Resp: 411416
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.2
88 15.7 0.0 29.6



#35
Dibromofluoromethane
Concen: 52.672 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

Tgt Ion:113 Resp: 130277
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 21.9 16.8 25.2

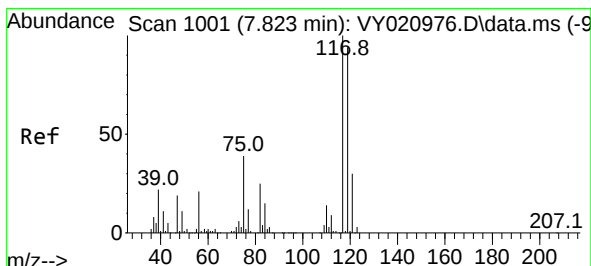
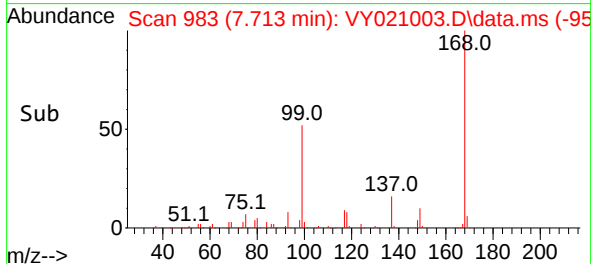
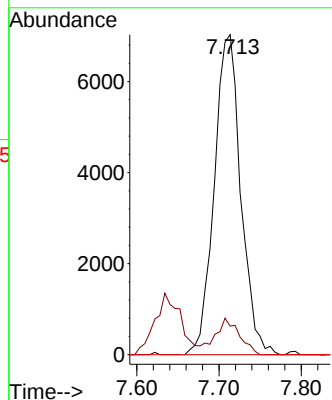
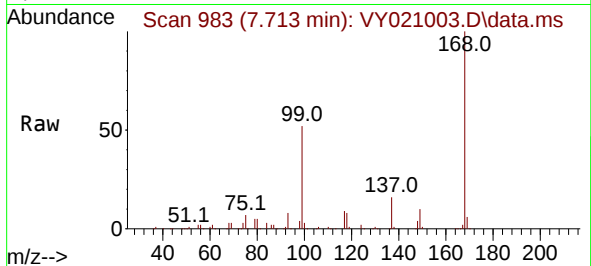




#36
1,1-Dichloropropene
Concen: 4.468 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

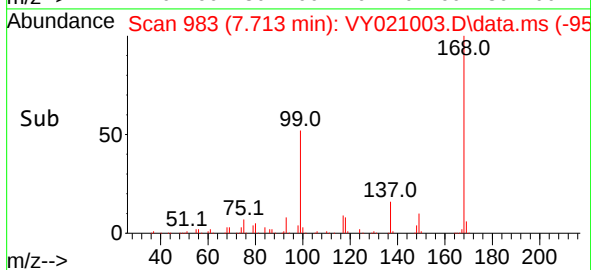
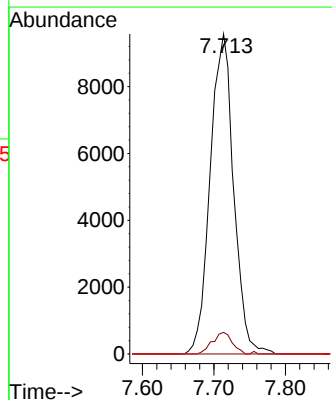
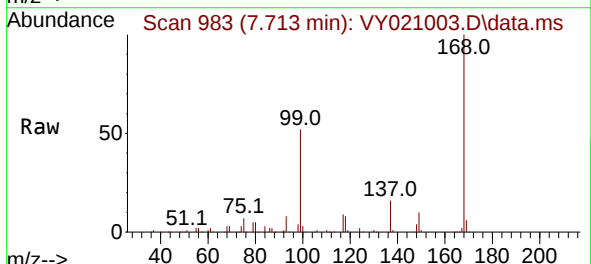
Instrument :
MSVOA_Y
ClientSampleId :

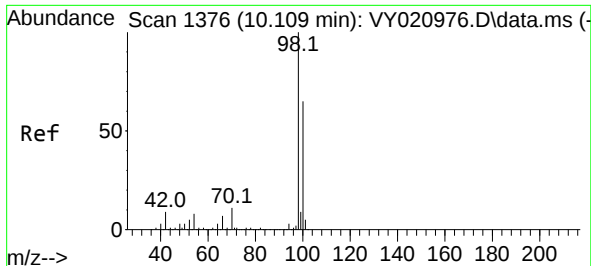
Tgt Ion: 75 Resp: 15766
Ion Ratio Lower Upper
75 100
110 10.3 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.998 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.109 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

Tgt Ion: 117 Resp: 21822
Ion Ratio Lower Upper
117 100
119 6.8 75.0 112.6#
121 0.0 24.2 36.2#

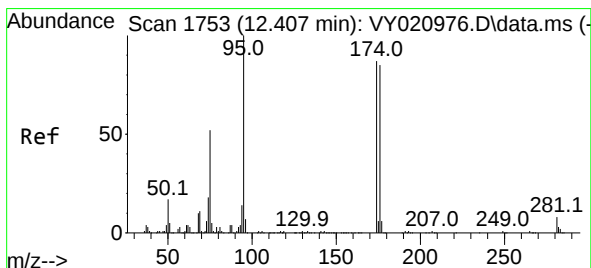
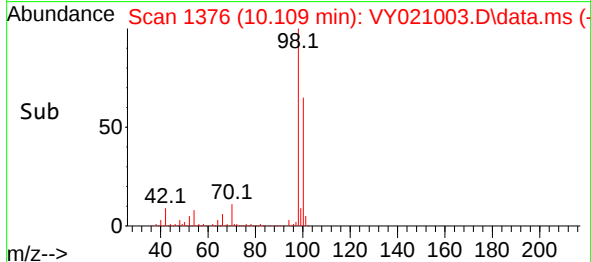
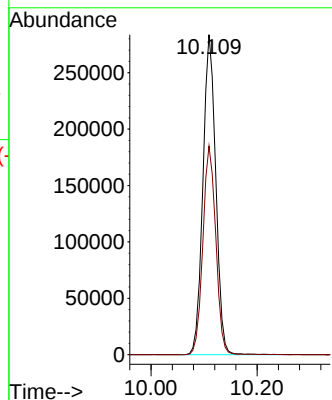
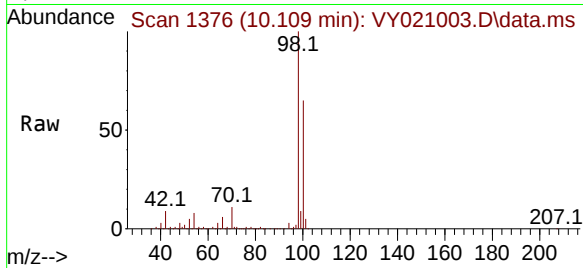




#50
Toluene-d8
Concen: 49.399 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

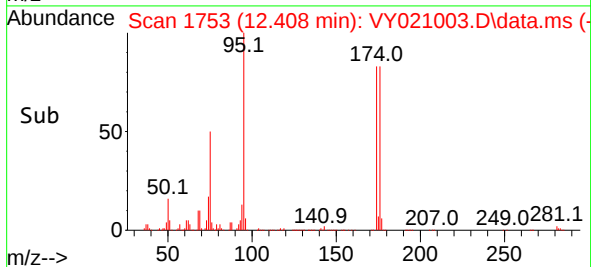
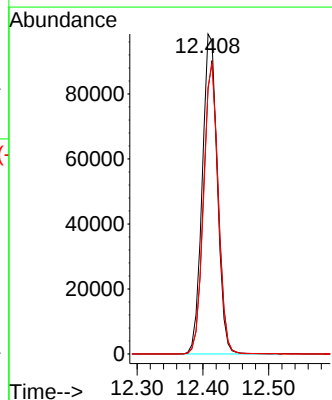
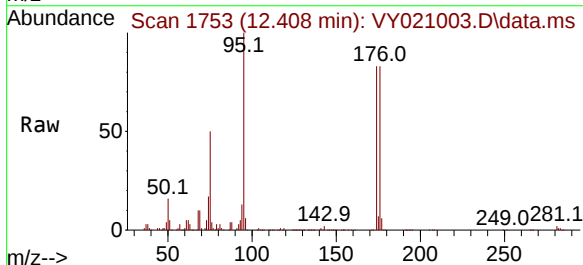
Instrument :
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ClientSampleId :

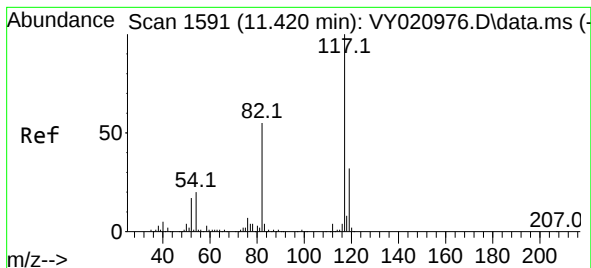
Tgt Ion: 98 Resp: 476887
Ion Ratio Lower Upper
98 100
100 65.6 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 48.234 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

Tgt Ion: 95 Resp: 156246
Ion Ratio Lower Upper
95 100
174 89.6 0.0 181.2
176 87.7 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021003.D

Acq: 31 Jan 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

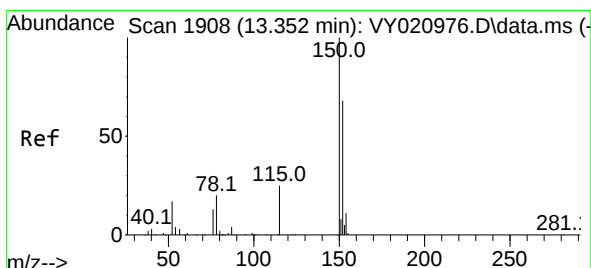
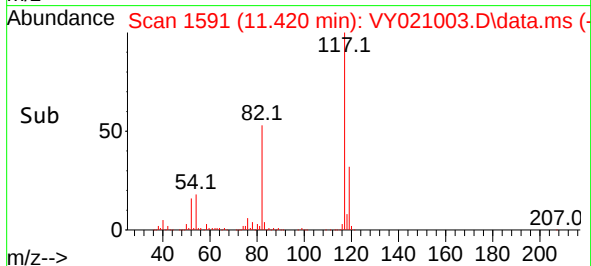
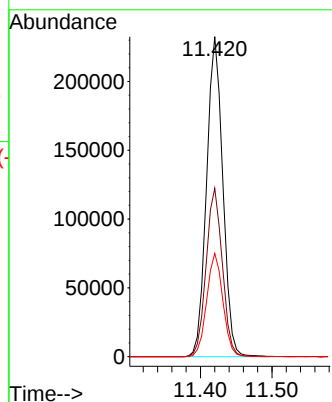
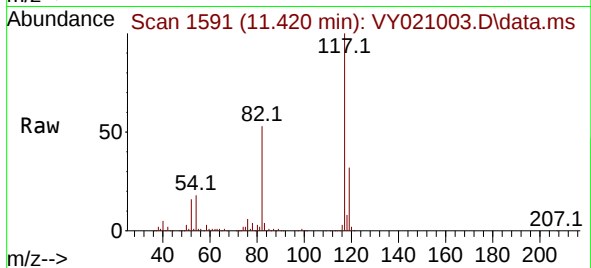
Tgt Ion:117 Resp: 366768

Ion Ratio Lower Upper

117 100

82 52.6 44.2 66.2

119 32.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021003.D

Acq: 31 Jan 2025 11:46

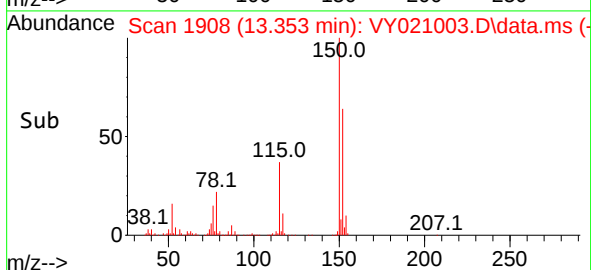
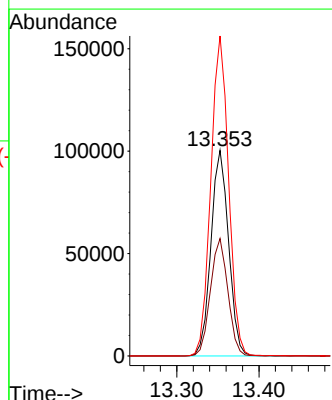
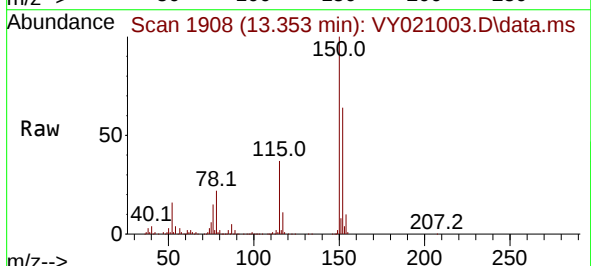
Tgt Ion:152 Resp: 149862

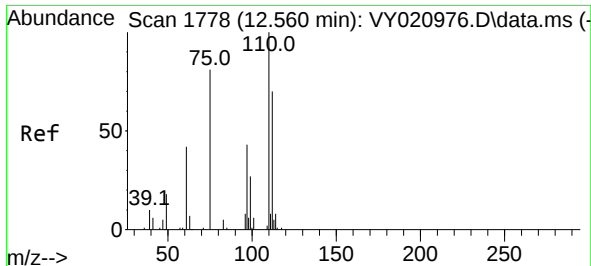
Ion Ratio Lower Upper

152 100

115 56.5 28.4 85.2

150 156.8 0.0 342.8

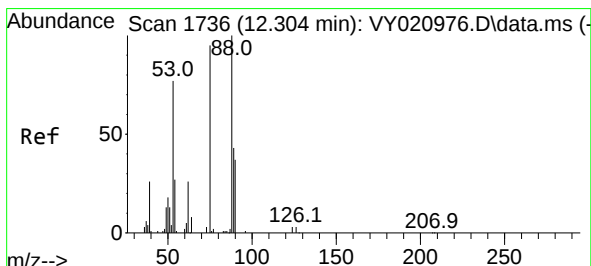
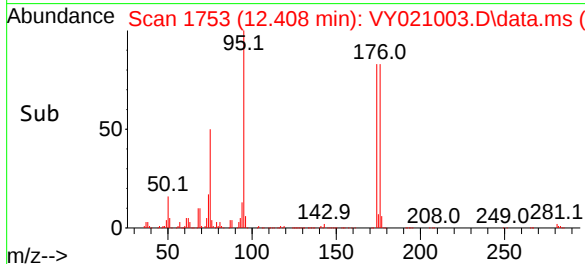
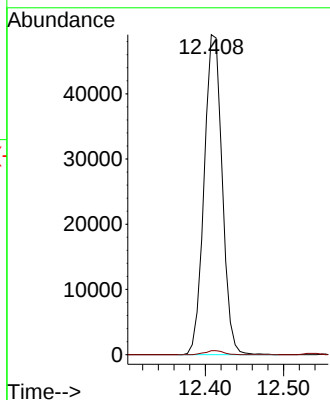
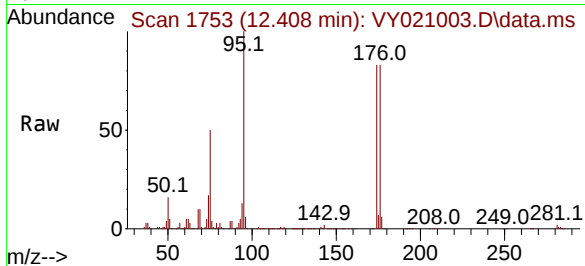




#76
1,2,3-Trichloropropane
Concen: 66.104 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

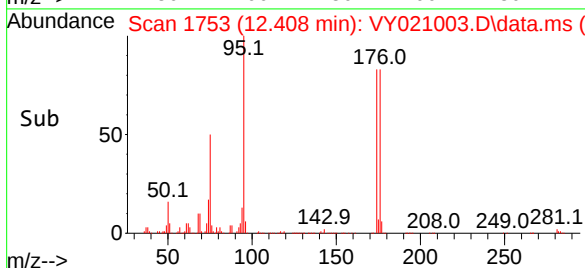
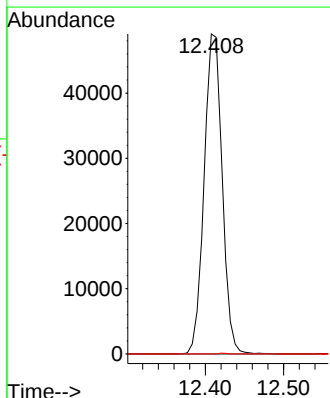
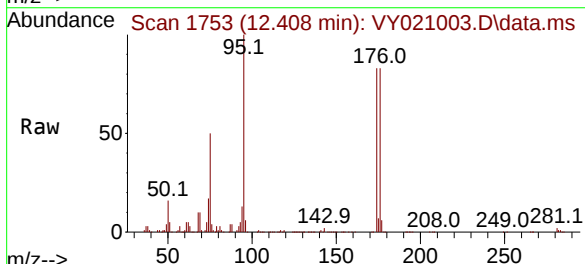
Instrument :
MSVOA_Y
ClientSampleId :

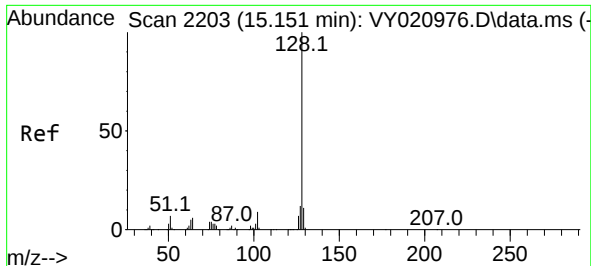
Tgt Ion: 75 Resp: 78422
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.220 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

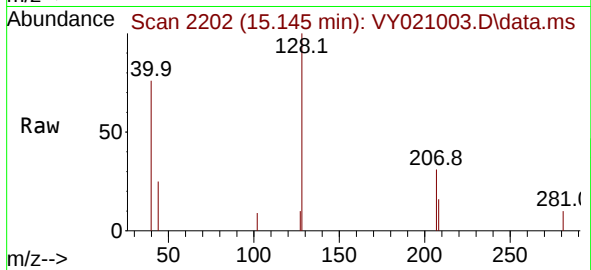
Tgt Ion: 75 Resp: 78422
Ion Ratio Lower Upper
75 100
53 0.0 68.6 103.0#
89 0.1 38.1 57.1#



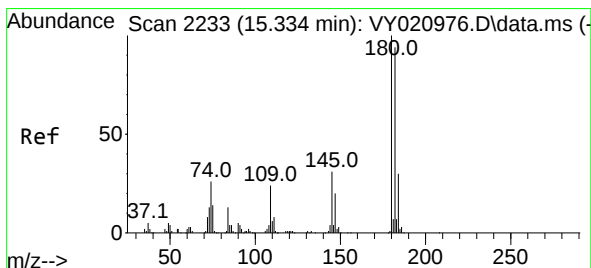
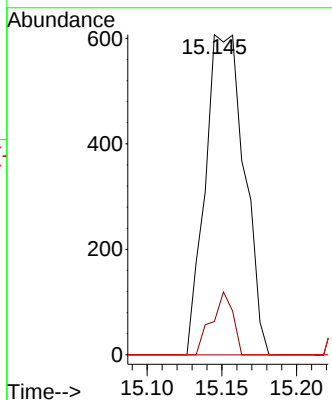
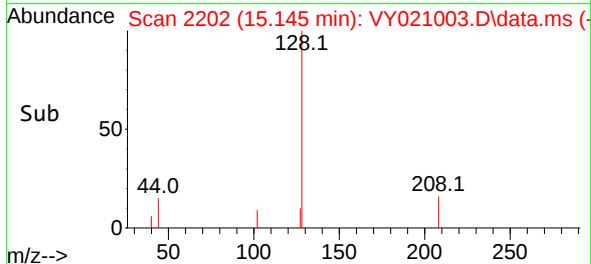


#95
Naphthalene
Concen: 4.216 ug/l
RT: 15.145 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 1103
Ion Ratio Lower Upper
128 100
127 10.7 10.2 15.4
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 4.680 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

Tgt Ion:180 Resp: 507
Ion Ratio Lower Upper
180 100
182 91.3 47.7 143.1
145 9.1 15.6 46.7#

