

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021000.D
 Acq On : 31 Jan 2025 10:05
 Operator : SY/MD
 Sample : VY0131SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 22:21:03 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)

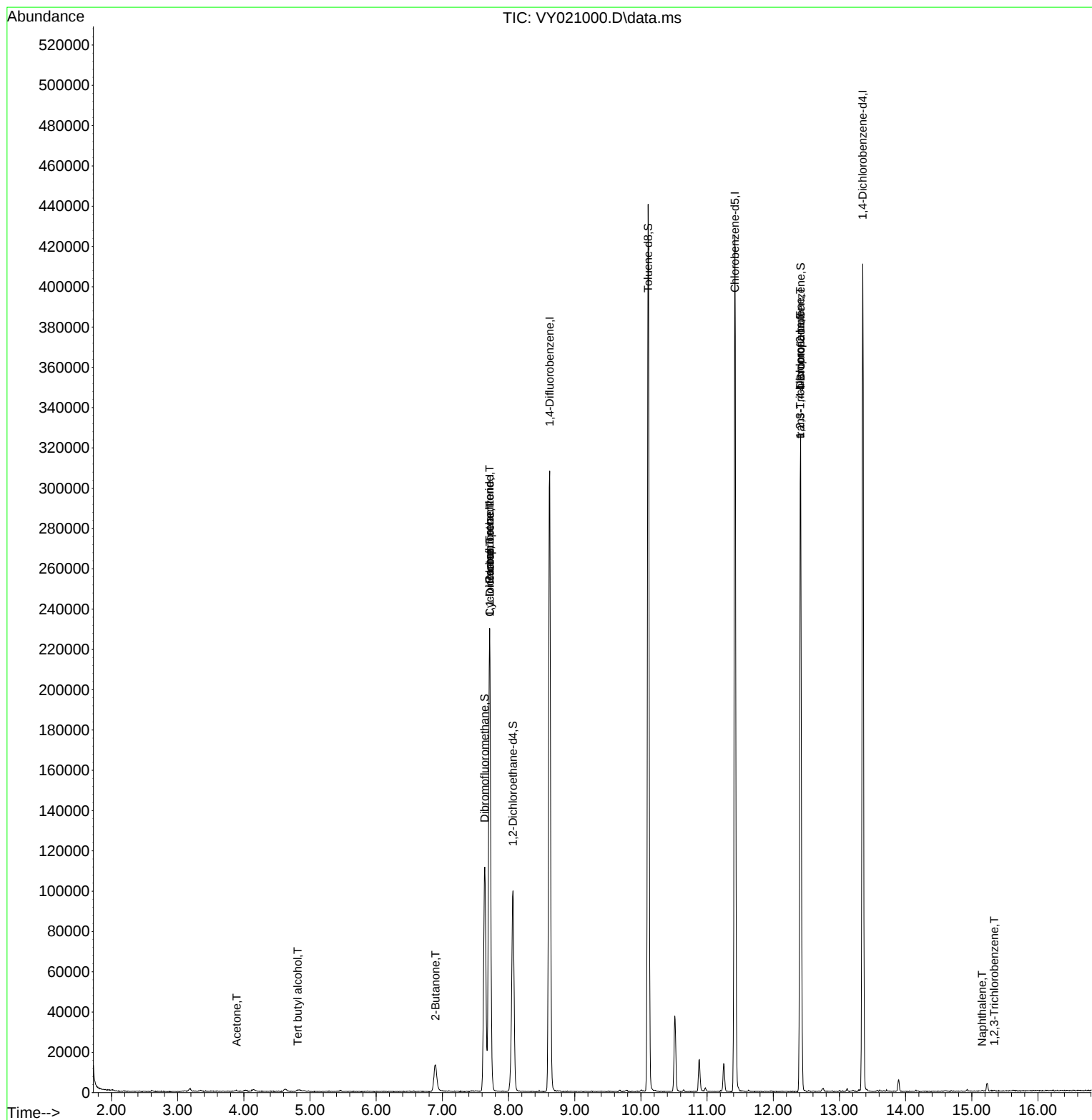
Internal Standards						
1) Pentafluorobenzene	7.713	168	188719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	281437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	235934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	111481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	78898	49.103	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.200%		
35) Dibromofluoromethane	7.640	113	80754	47.728	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.460%		
50) Toluene-d8	10.109	98	294329	44.570	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.140%		
62) 4-Bromofluorobenzene	12.414	95	95002	42.872	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	85.740%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.812	59	520	4.430	ug/l #	73
16) Acetone	3.891	43	825	3.767	ug/l #	39
25) 2-Butanone	6.897	43	784	2.110	ug/l #	44
31) Cyclohexane	7.720	56	3032	1.073	ug/l #	6
36) 1,1-Dichloropropene	7.720	75	12563	5.205	ug/l #	50
38) Carbon Tetrachloride	7.713	117	18037	6.038	ug/l #	18
76) 1,2,3-Trichloropropane	12.408	75	47737	54.092	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	47737	112.286	ug/l #	15
95) Naphthalene	15.157	128	530	4.136	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.340	180	225	4.606	ug/l #	51

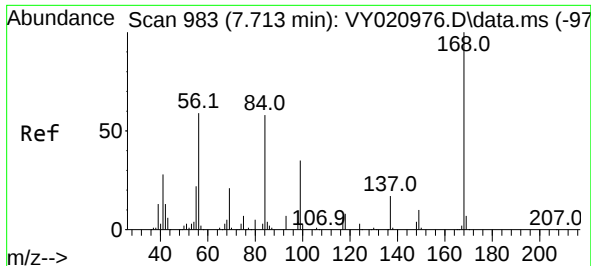
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
Data File : VY021000.D
Acq On : 31 Jan 2025 10:05
Operator : SY/MD
Sample : VY0131SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 31 22:21:03 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

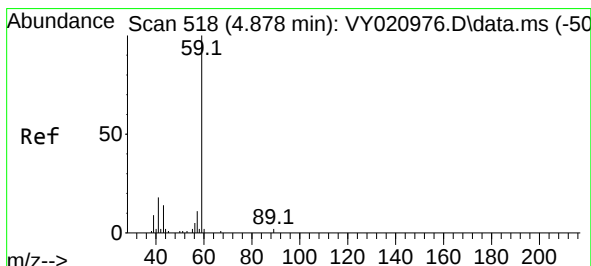
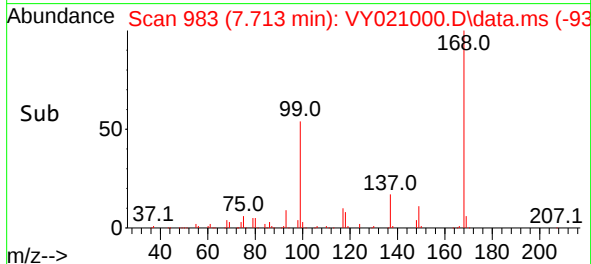
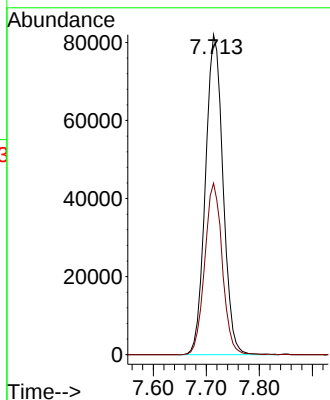
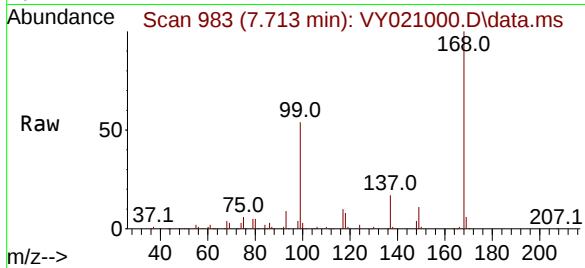




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

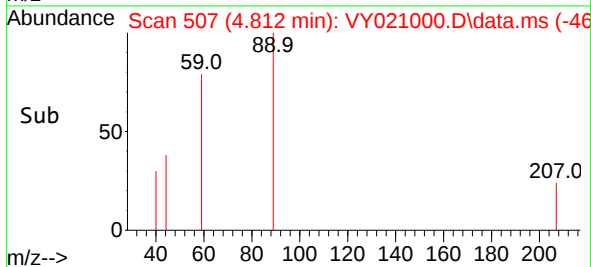
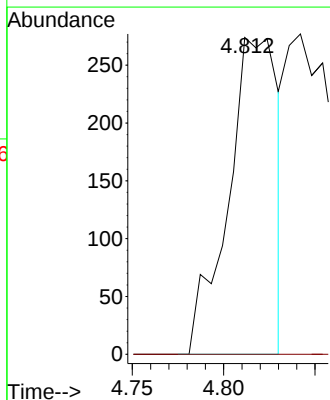
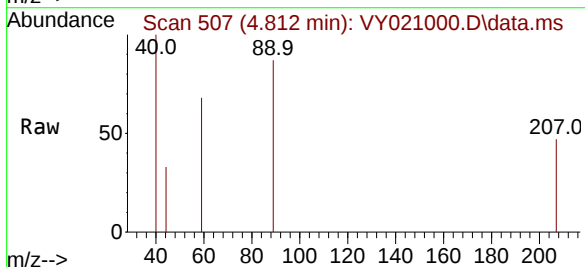
Instrument :
MSVOA_Y
ClientSampleId :

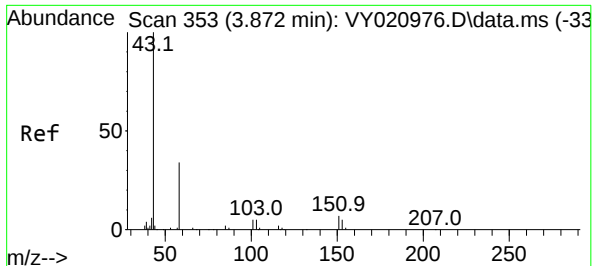
Tgt Ion:168 Resp: 188719
Ion Ratio Lower Upper
168 100
99 53.6 42.2 63.2



#11
Tert butyl alcohol
Concen: 4.430 ug/l
RT: 4.812 min Scan# 507
Delta R.T. -0.066 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

Tgt Ion: 59 Resp: 520
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

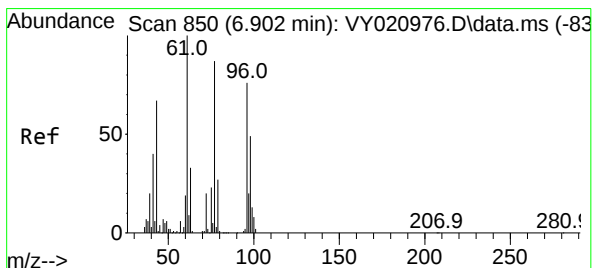
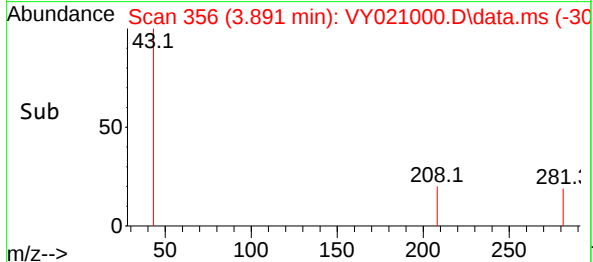
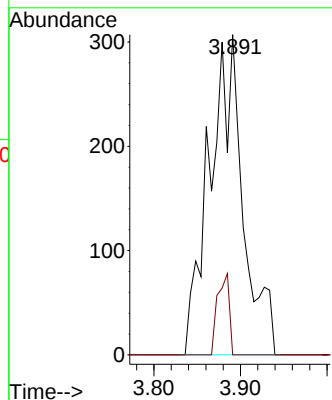
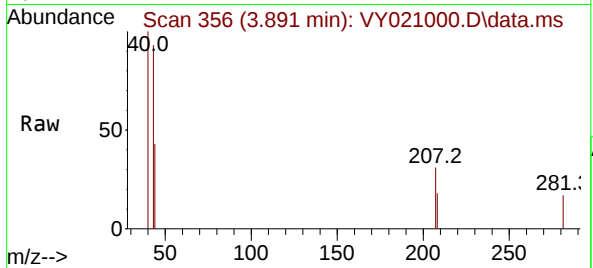




#16
Acetone
Concen: 3.767 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

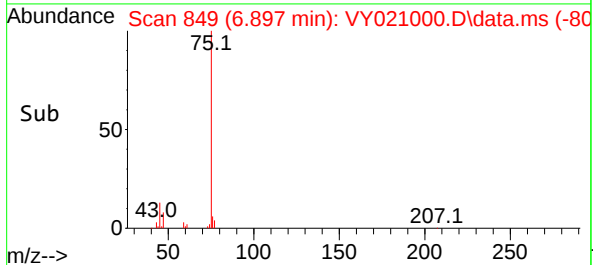
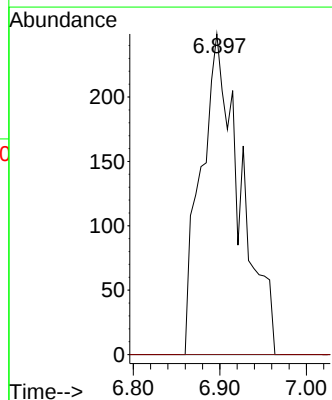
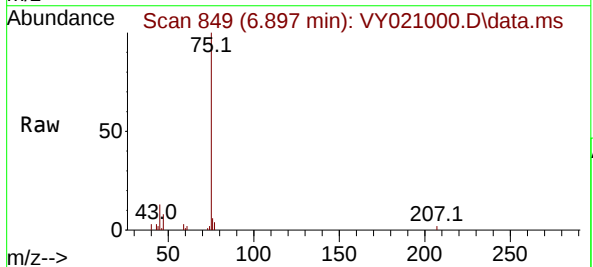
Instrument :
MSVOA_Y
ClientSampleId :

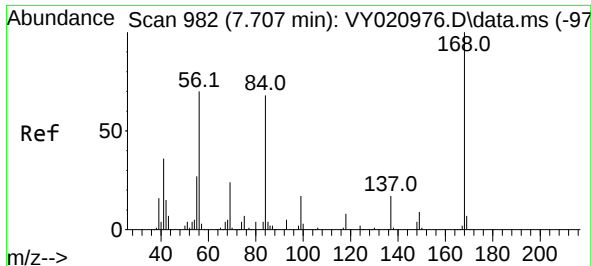
Tgt Ion: 43 Resp: 825
Ion Ratio Lower Upper
43 100
58 0.0 28.4 42.6#



#25
2-Butanone
Concen: 2.110 ug/l
RT: 6.897 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

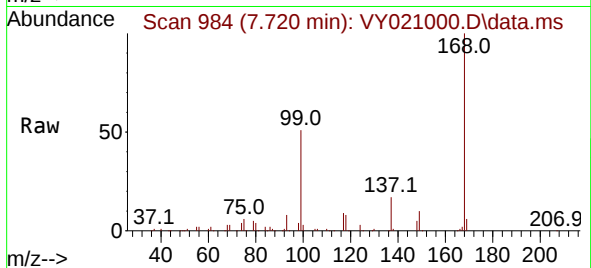
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
72 0.0 24.3 36.5#



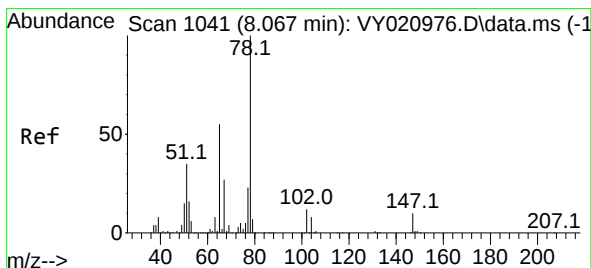
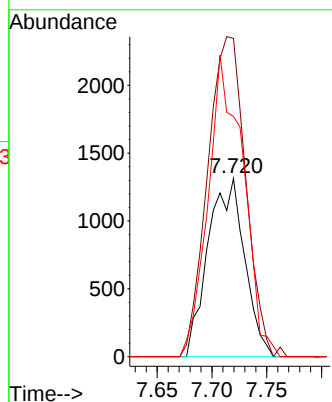
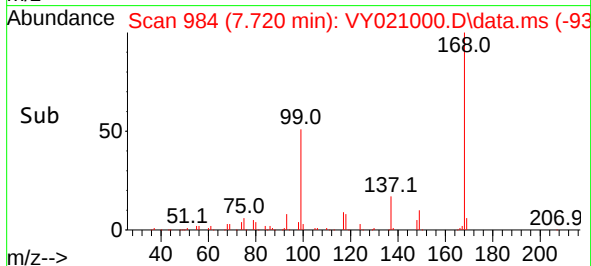


#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.720 min Scan# 982
Delta R.T. 0.013 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

Instrument :
MSVOA_Y
ClientSampleId :

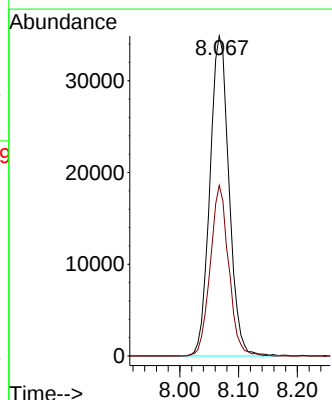
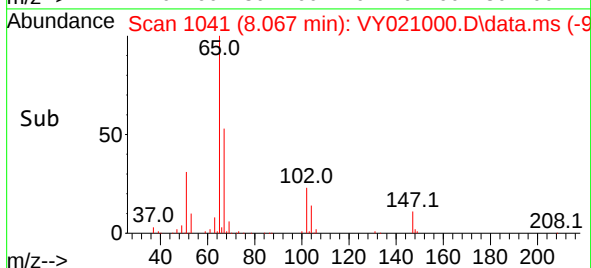
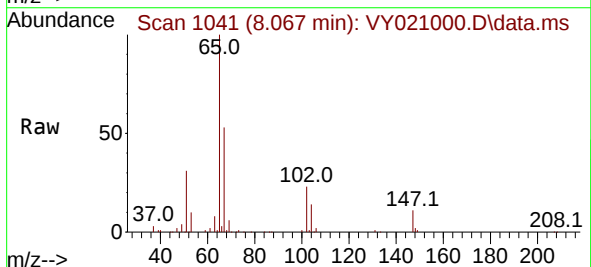


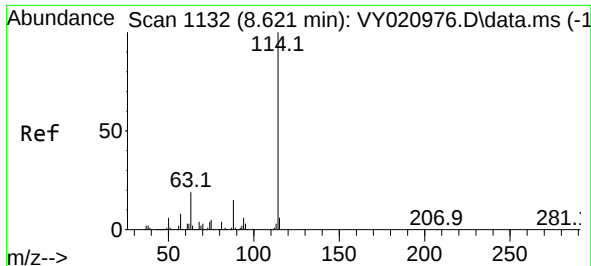
Tgt Ion: 56 Resp: 3032
Ion Ratio Lower Upper
56 100
69 178.5 27.7 41.5#
84 134.9 77.5 116.3#



#33
1,2-Dichloroethane-d4
Concen: 49.103 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.001 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

Tgt Ion: 65 Resp: 78898
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4

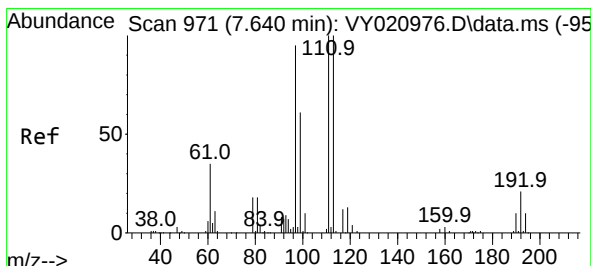
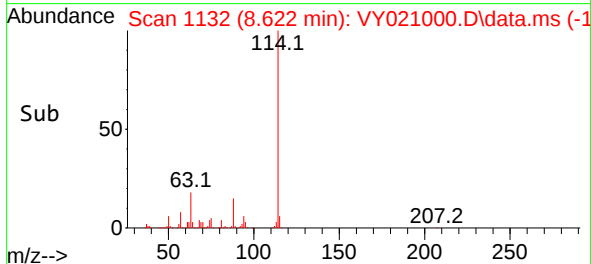
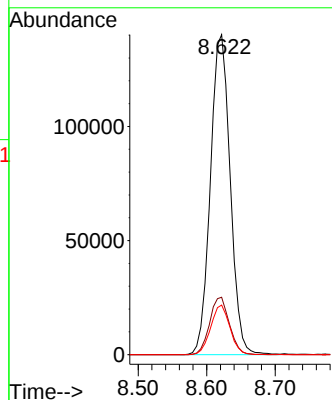
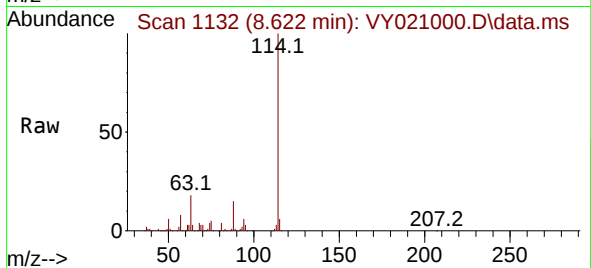




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

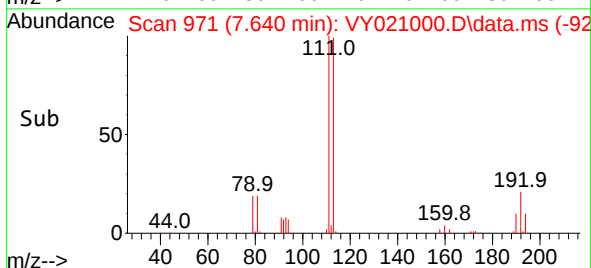
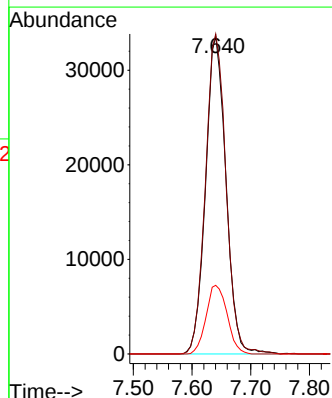
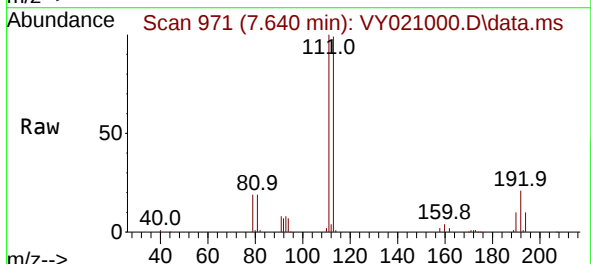
Instrument :
MSVOA_Y
ClientSampleId :

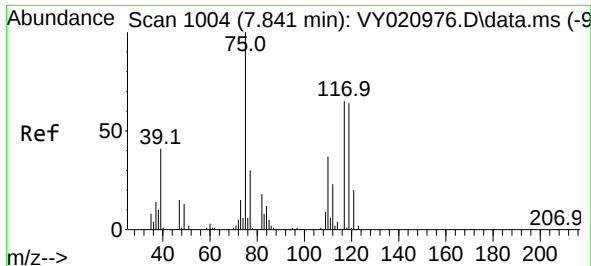
Tgt Ion:114 Resp: 281437
Ion Ratio Lower Upper
114 100
63 18.0 0.0 37.2
88 15.5 0.0 29.6



#35
Dibromofluoromethane
Concen: 47.728 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

Tgt Ion:113 Resp: 80754
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 22.3 16.8 25.2

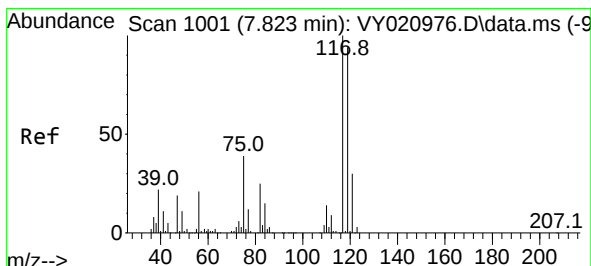
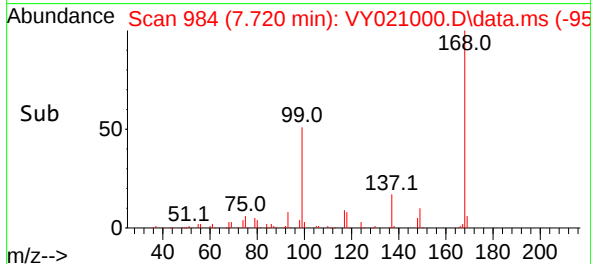
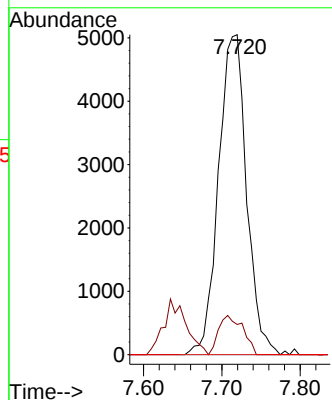
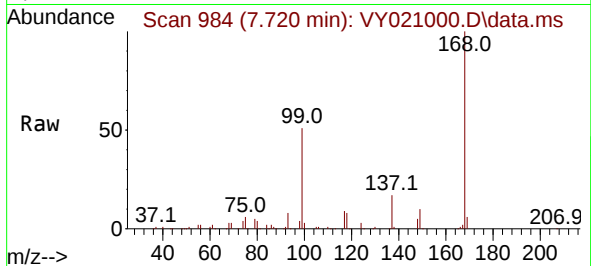




#36
1,1-Dichloropropene
Concen: 5.205 ug/l
RT: 7.720 min Scan# 984
Delta R.T. -0.121 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

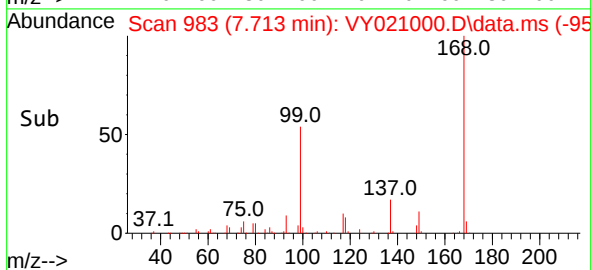
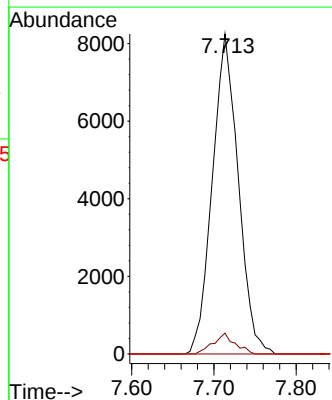
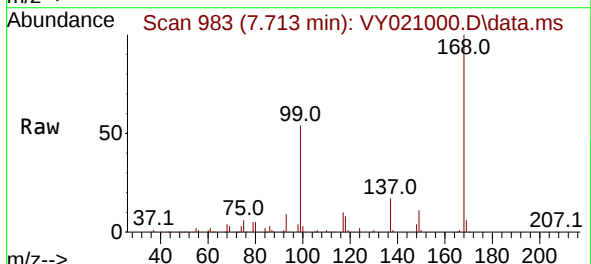
Instrument :
MSVOA_Y
ClientSampleId :

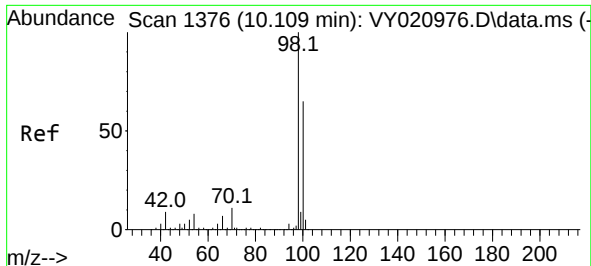
Tgt Ion: 75 Resp: 12563
Ion Ratio Lower Upper
75 100
110 10.6 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.038 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.109 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

Tgt Ion: 117 Resp: 18037
Ion Ratio Lower Upper
117 100
119 6.5 75.0 112.6#
121 0.0 24.2 36.2#

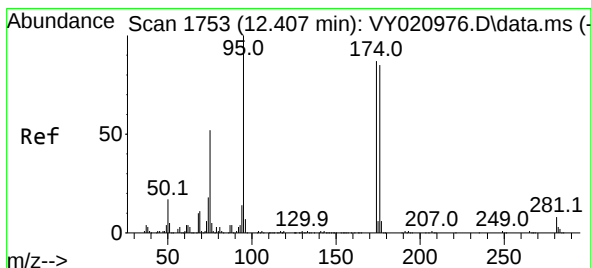
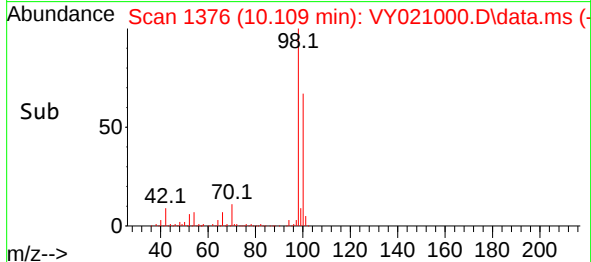
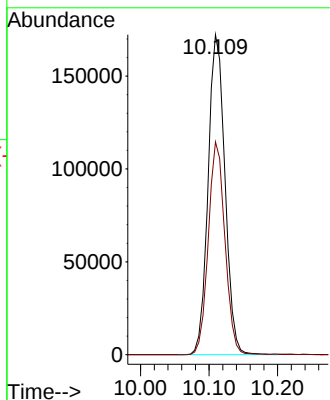
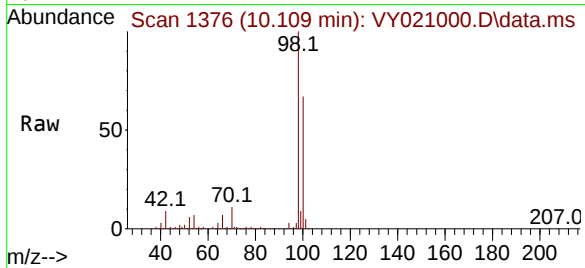




#50
Toluene-d8
Concen: 44.570 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

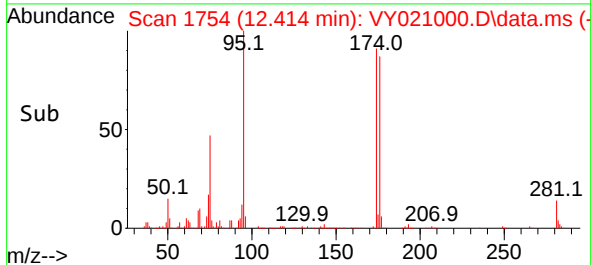
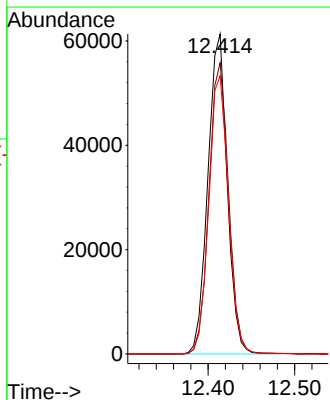
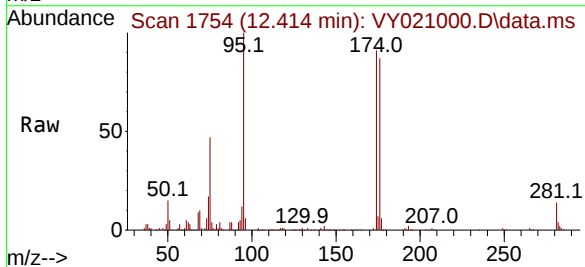
Instrument :
MSVOA_Y
ClientSampleId :

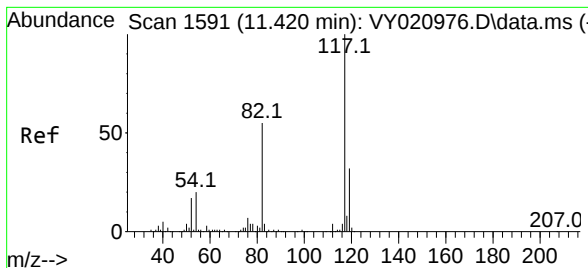
Tgt Ion: 98 Resp: 294329
Ion Ratio Lower Upper
98 100
100 65.6 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 42.872 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.007 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

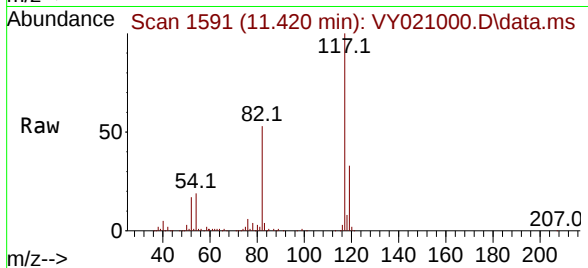
Tgt Ion: 95 Resp: 95002
Ion Ratio Lower Upper
95 100
174 92.4 0.0 181.2
176 88.7 0.0 175.2



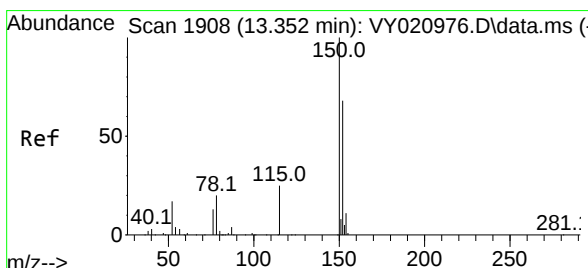
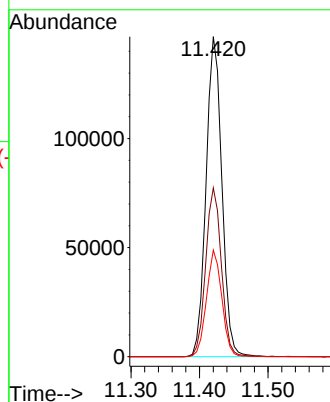
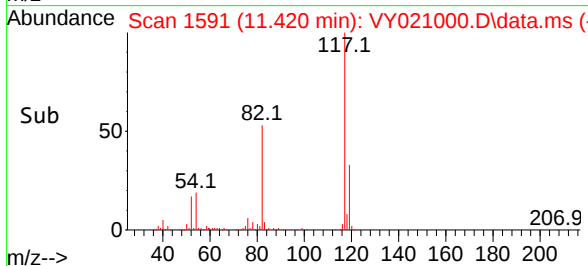


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

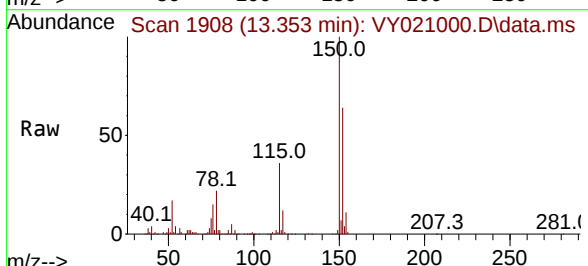
Instrument :
MSVOA_Y
ClientSampleId :



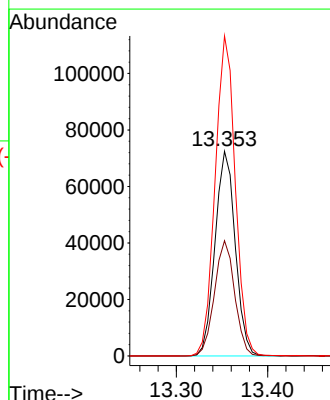
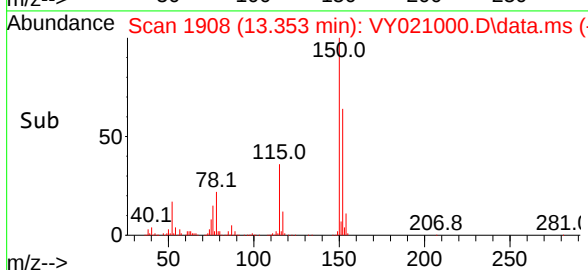
Tgt Ion:117 Resp: 235934
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 33.3 25.9 38.9

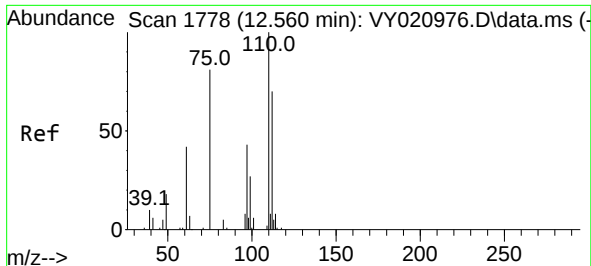


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.001 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05



Tgt Ion:152 Resp: 111481
Ion Ratio Lower Upper
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150 155.8 0.0 342.8

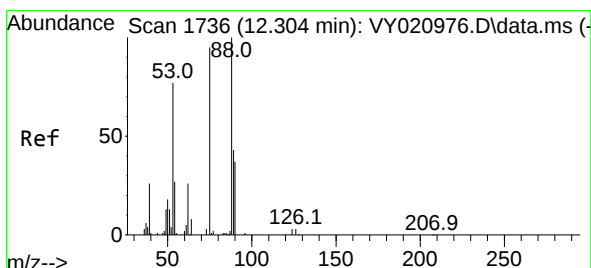
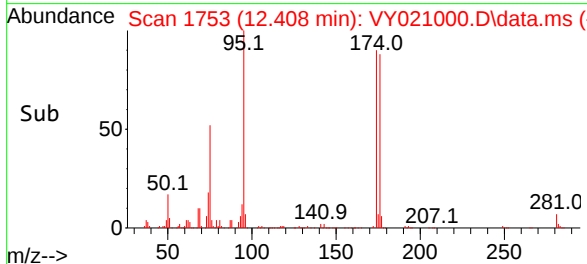
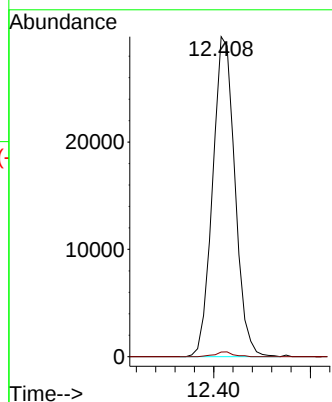
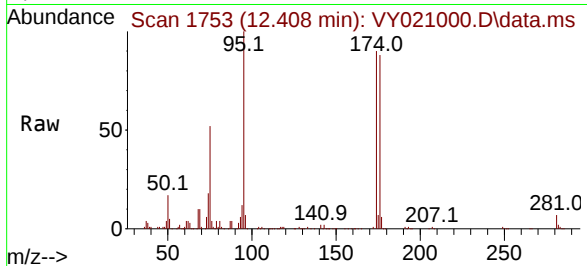




#76
1,2,3-Trichloropropane
Concen: 54.092 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

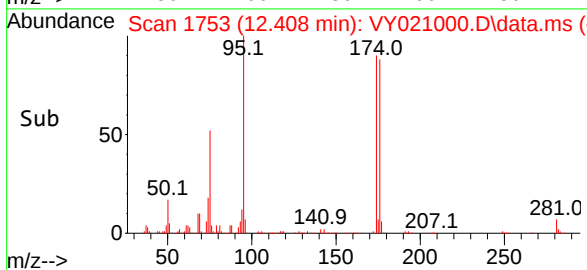
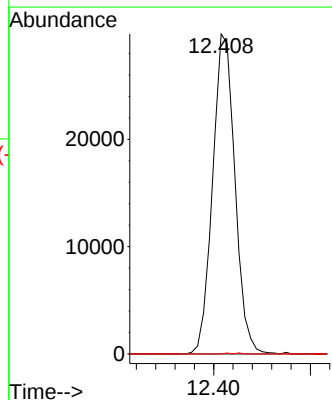
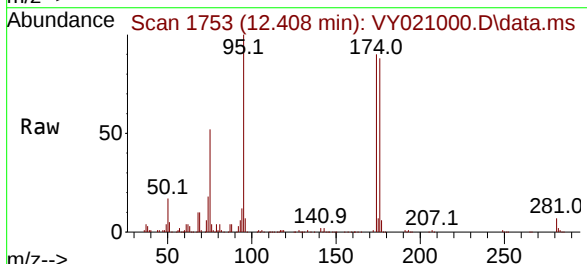
Instrument :
MSVOA_Y
ClientSampleId :

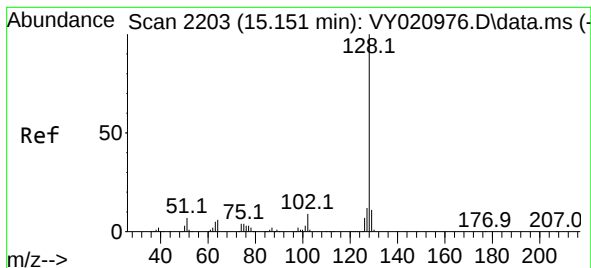
Tgt Ion: 75 Resp: 47737
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.286 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021000.D
Acq: 31 Jan 2025 10:05

Tgt Ion: 75 Resp: 47737
Ion Ratio Lower Upper
75 100
53 0.0 68.6 103.0#
89 0.1 38.1 57.1#





#95

Naphthalene

Concen: 4.136 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

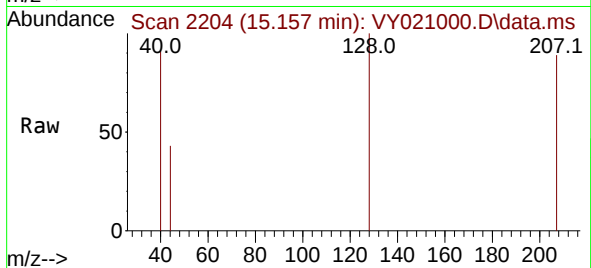
Lab File: VY021000.D

Acq: 31 Jan 2025 10:05

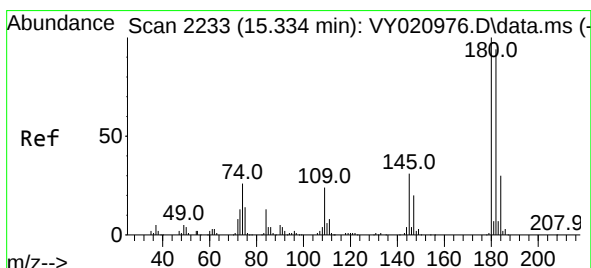
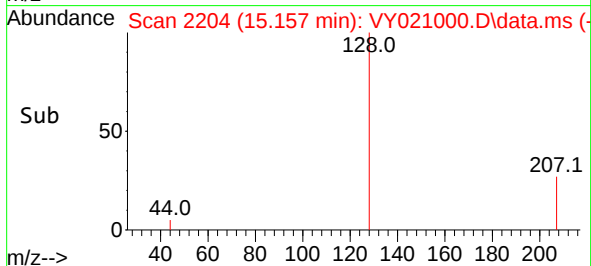
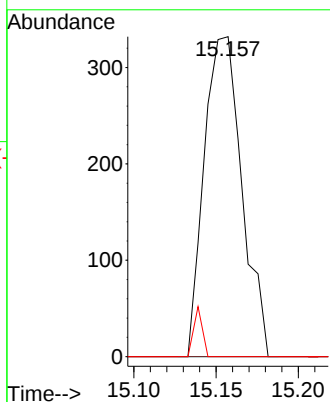
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	530
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.2	15.4#
129	3.6	8.8	13.2#



#96

1,2,3-Trichlorobenzene

Concen: 4.606 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021000.D

Acq: 31 Jan 2025 10:05

Tgt Ion:	180	Resp:	225
Ion Ratio	Lower	Upper	
180	100		
182	50.2	47.7	143.1
145	0.0	15.6	46.7#

