

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020984.D
 Acq On : 30 Jan 2025 14:31
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 04:40:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 02:19:37 2025
 Response via : Initial Calibration

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

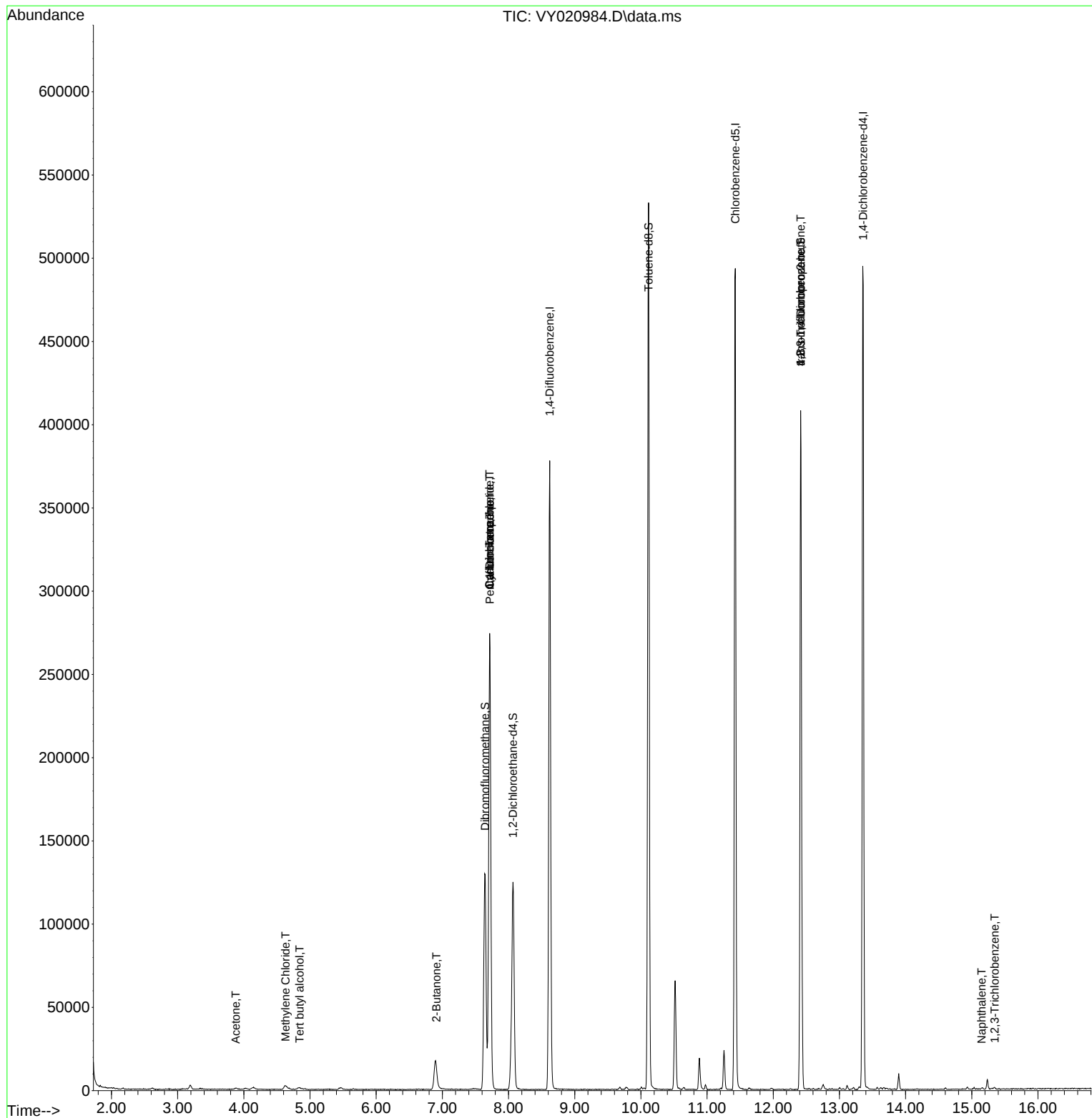
Internal Standards						
1) Pentafluorobenzene	7.719	168	223983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	336821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	283707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	134505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	90893	47.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.320%
35) Dibromofluoromethane	7.646	113	95610	47.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.115	98	360684	45.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.280%
62) 4-Bromofluorobenzene	12.414	95	118217	44.577	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	1079	7.746	ug/l #	73
16) Acetone	3.879	43	1389	5.344	ug/l	91
20) Methylene Chloride	4.628	84	1945	1.015	ug/l #	75
25) 2-Butanone	6.909	43	1050	2.381	ug/l #	44
31) Cyclohexane	7.713	56	3536	1.054	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	14671	5.079	ug/l #	49
38) Carbon Tetrachloride	7.713	117	21465	6.005	ug/l #	17
76) 1,2,3-Trichloropropane	12.414	75	60639	56.950	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	60639	118.218	ug/l #	15
95) Naphthalene	15.151	128	1014	4.221	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.346	180	479	4.690	ug/l	89

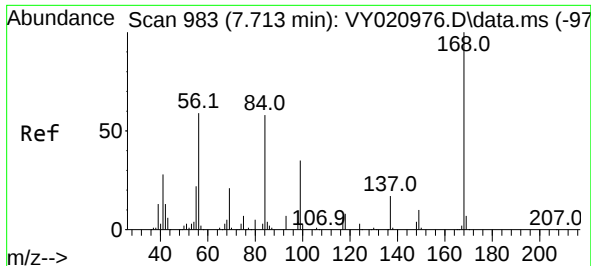
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
Data File : VY020984.D
Acq On : 30 Jan 2025 14:31
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 31 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 02:19:37 2025
Response via : Initial Calibration

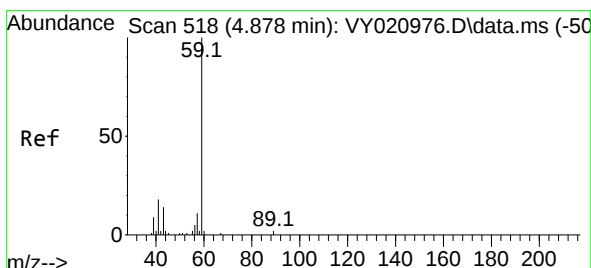
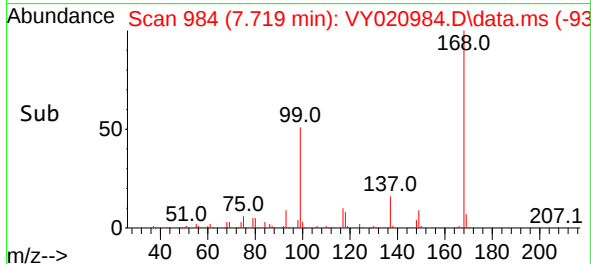
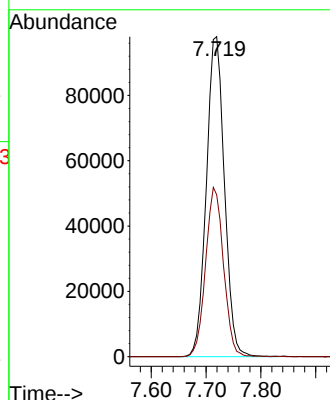
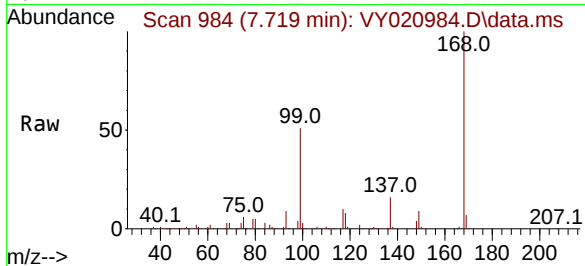




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

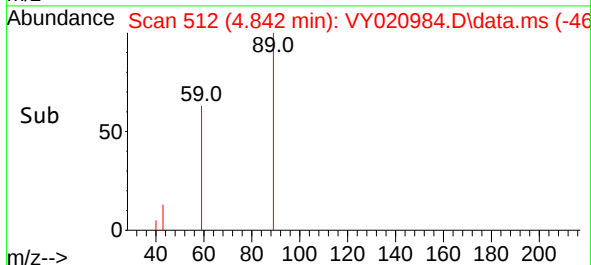
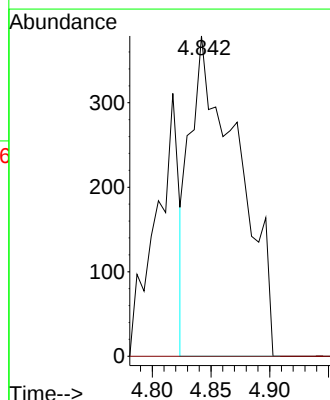
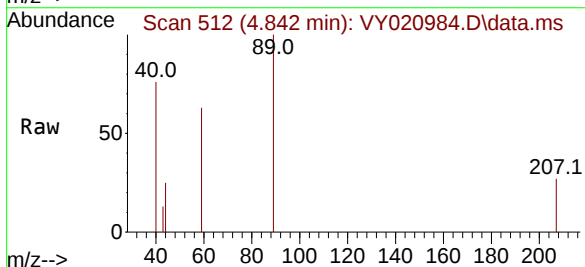
Instrument :
MSVOA_Y
ClientSampleId :

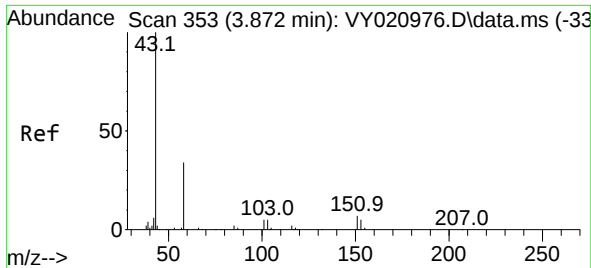
Tgt Ion:168 Resp: 223983
Ion Ratio Lower Upper
168 100
99 50.6 42.2 63.2



#11
Tert butyl alcohol
Concen: 7.746 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.036 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

Tgt Ion: 59 Resp: 1079
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

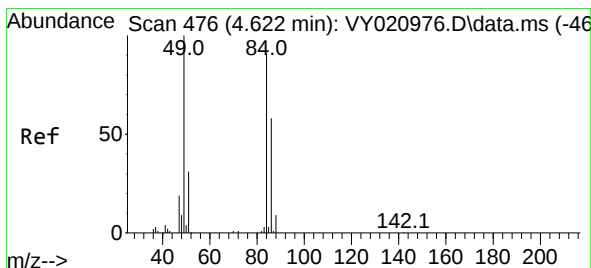
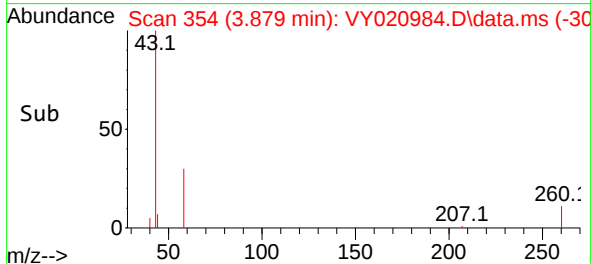
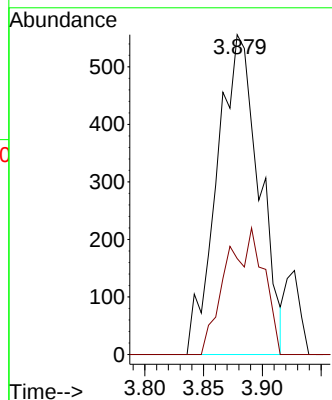
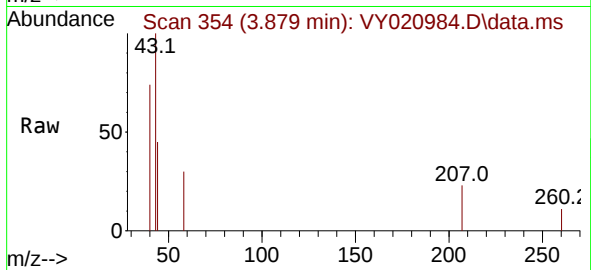




#16
Acetone
Concen: 5.344 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

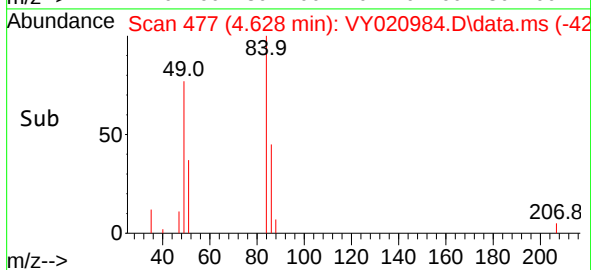
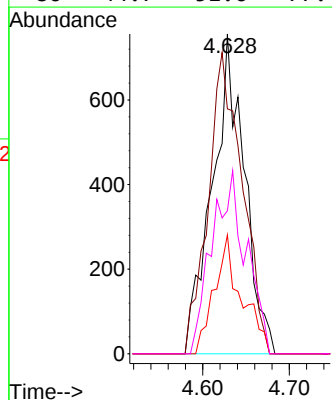
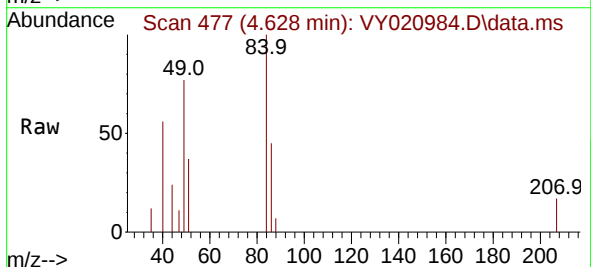
Instrument :
MSVOA_Y
ClientSampleId :

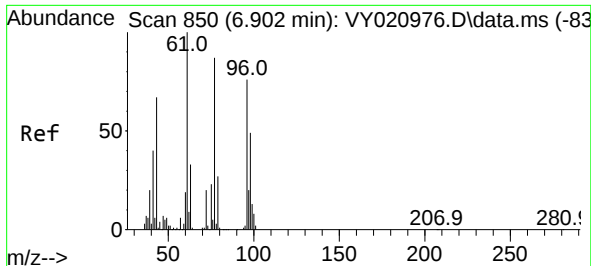
Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
58 30.0 28.4 42.6



#20
Methylene Chloride
Concen: 1.015 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

Tgt Ion: 84 Resp: 1945
Ion Ratio Lower Upper
84 100
49 76.6 88.3 132.5#
51 37.2 27.7 41.5
86 44.7 51.6 77.4#

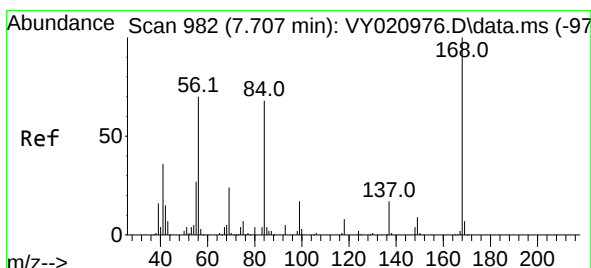
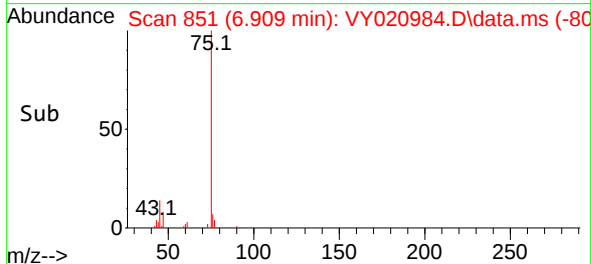
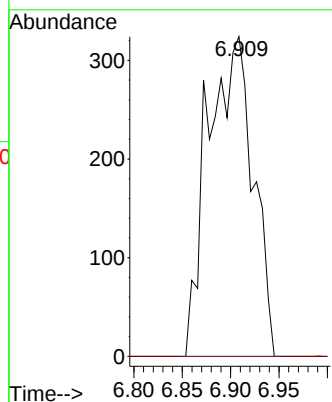
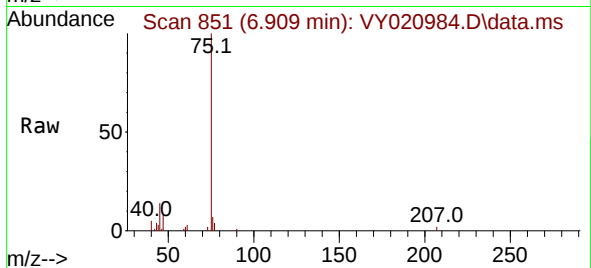




#25
2-Butanone
Concen: 2.381 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

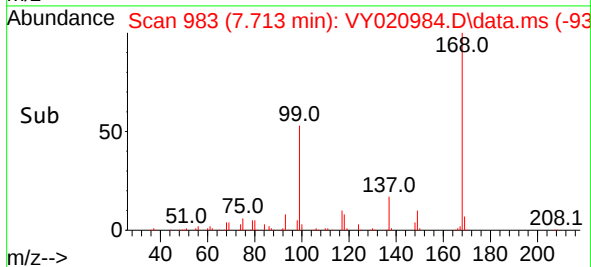
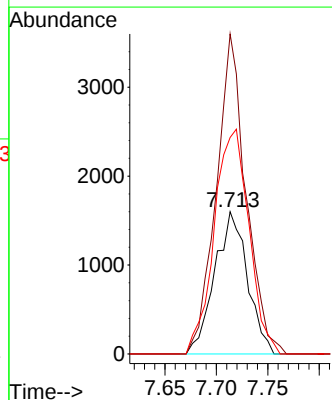
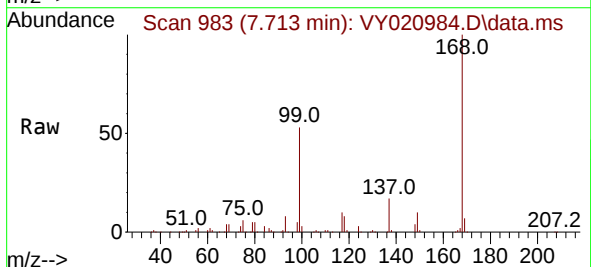
Instrument :
MSVOA_Y
ClientSampleId :

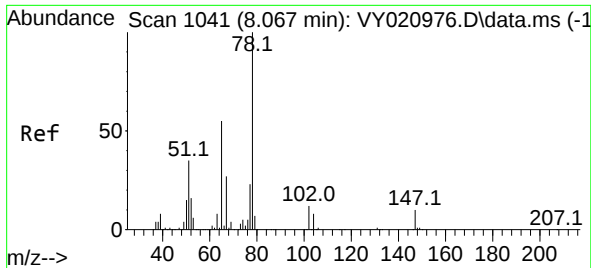
Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
72 0.0 24.3 36.5#



#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

Tgt Ion: 56 Resp: 3536
Ion Ratio Lower Upper
56 100
69 225.1 27.7 41.5#
84 152.3 77.5 116.3#





#33

1,2-Dichloroethane-d4

Concen: 47.662 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020984.D

Acq: 30 Jan 2025 14:31

Instrument :

MSVOA_Y

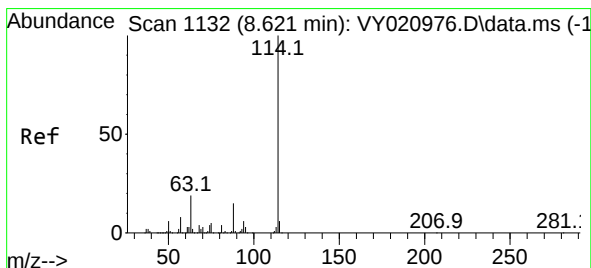
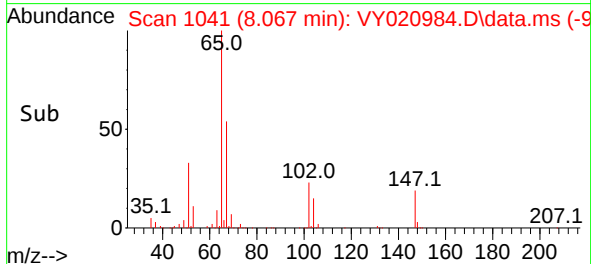
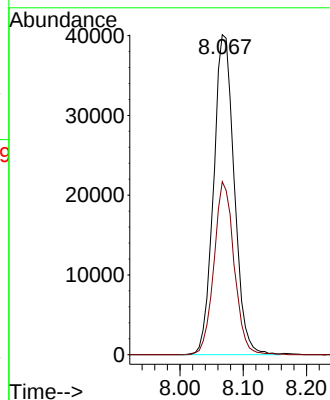
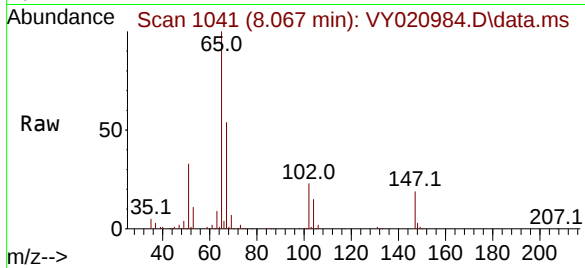
ClientSampleId :

Tgt Ion: 65 Resp: 90893

Ion Ratio Lower Upper

65 100

67 52.7 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: VY020984.D

Acq: 30 Jan 2025 14:31

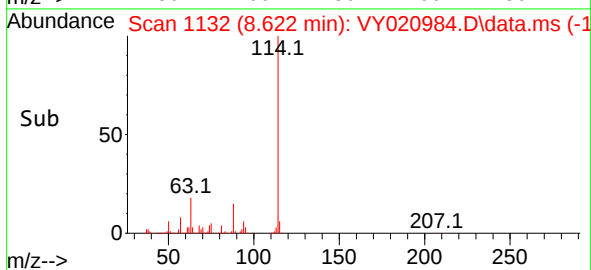
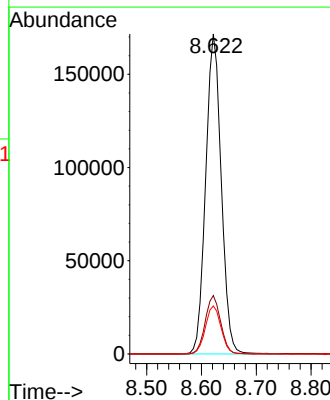
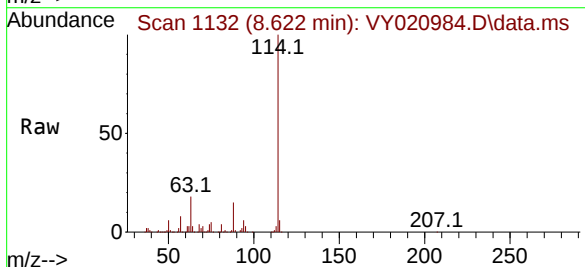
Tgt Ion: 114 Resp: 336821

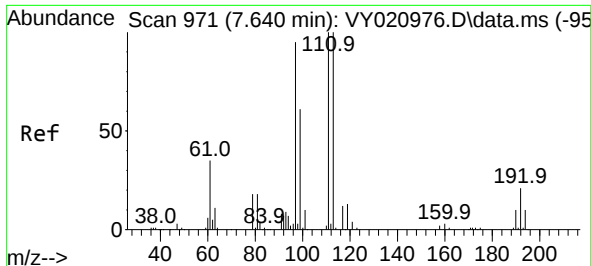
Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.2

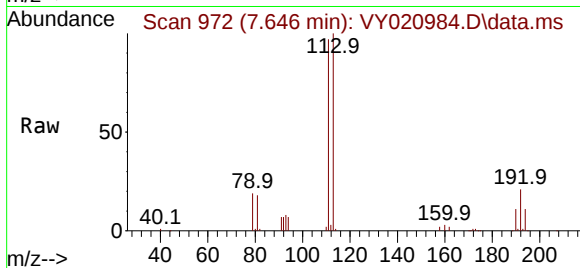
88 15.0 0.0 29.6



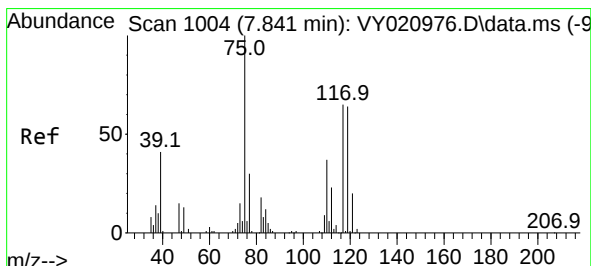
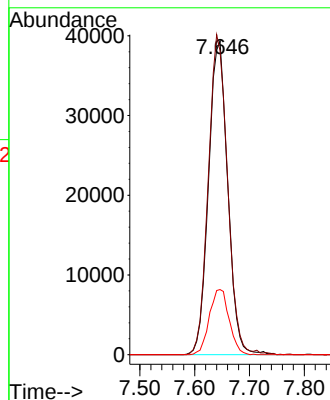
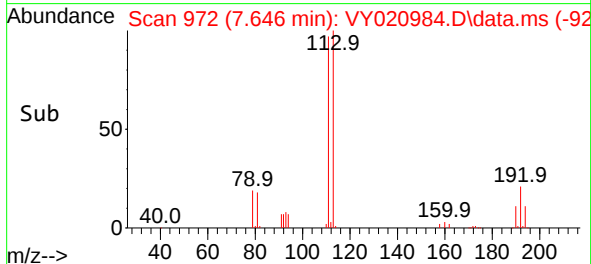


#35
Dibromofluoromethane
Concen: 47.217 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :

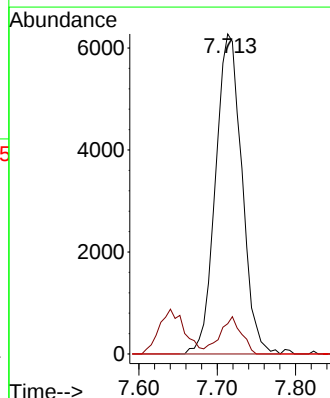
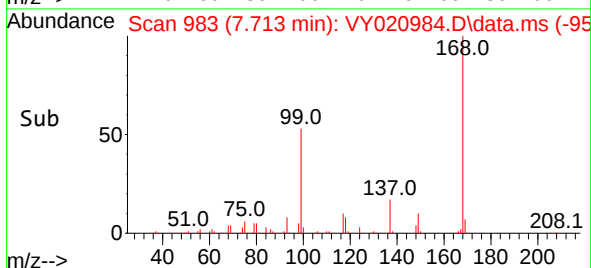
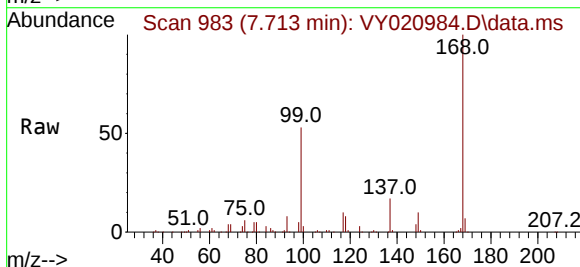


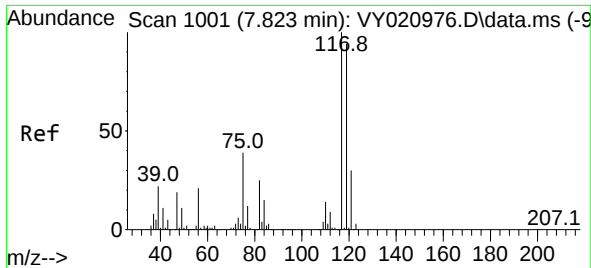
Tgt Ion:113 Resp: 95610
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 21.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.079 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

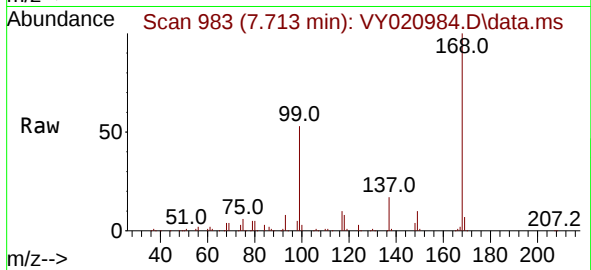
Tgt Ion: 75 Resp: 14671
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.9 37.3#



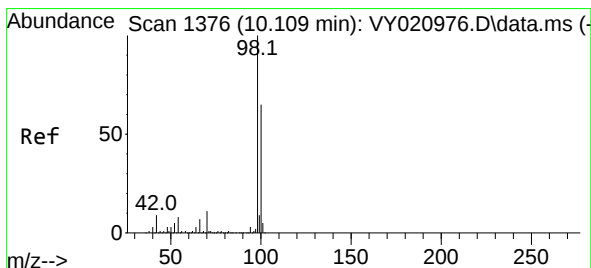
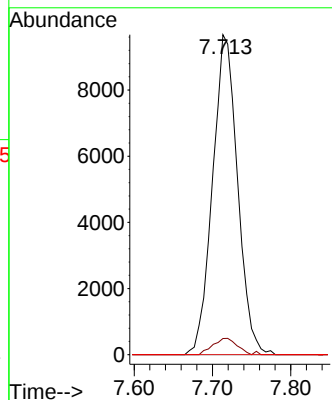
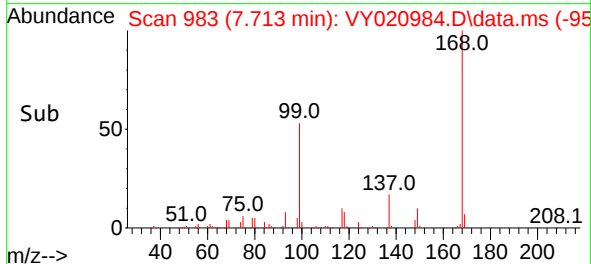


#38
Carbon Tetrachloride
Concen: 6.005 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :

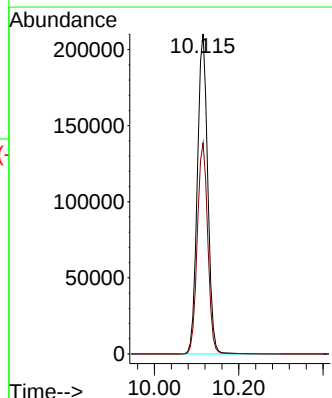
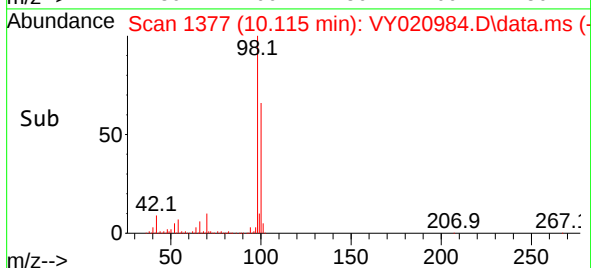
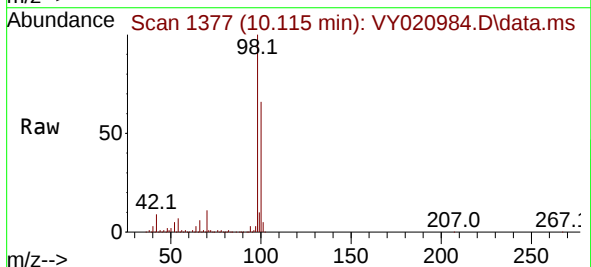


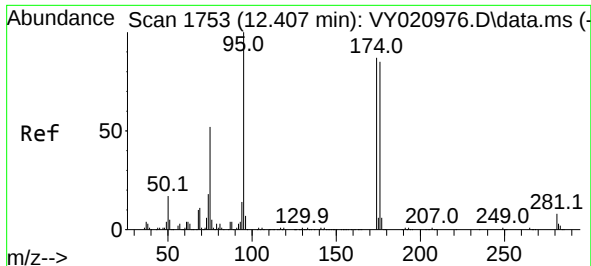
Tgt Ion:117 Resp: 21465
Ion Ratio Lower Upper
117 100
119 5.1 75.0 112.6#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 45.637 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

Tgt Ion: 98 Resp: 360684
Ion Ratio Lower Upper
98 100
100 66.1 52.6 79.0

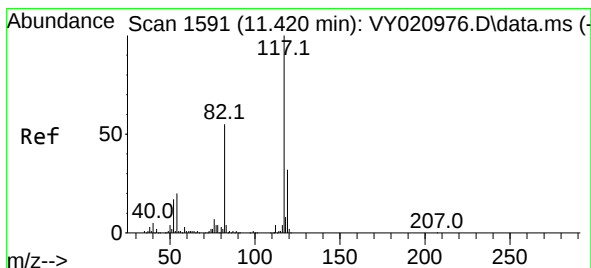
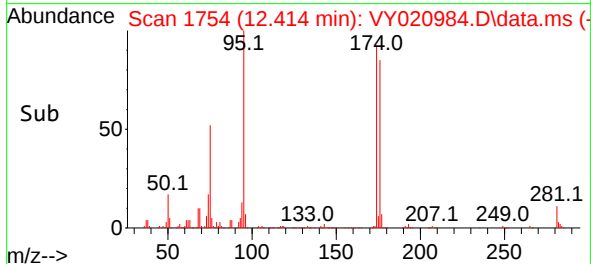
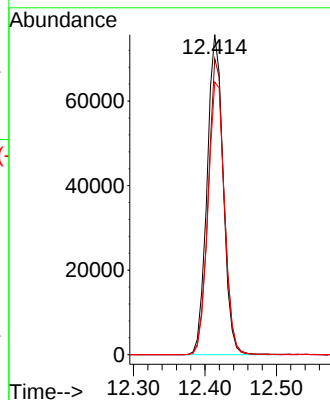
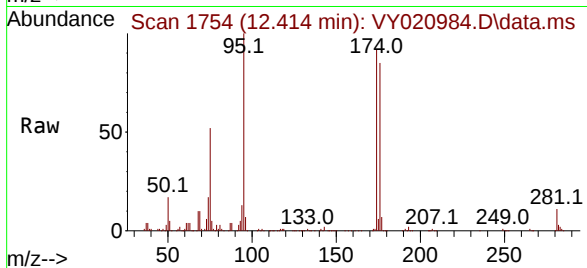




#62
4-Bromofluorobenzene
Concen: 44.577 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

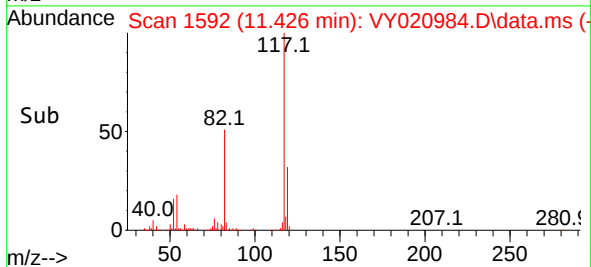
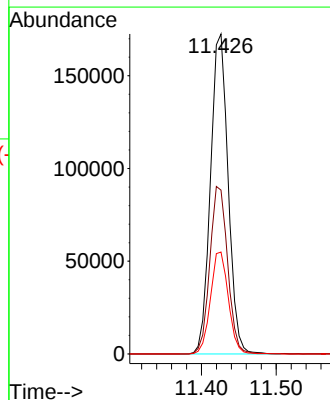
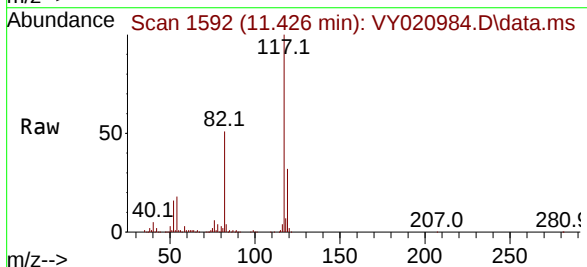
Instrument :
MSVOA_Y
ClientSampleId :

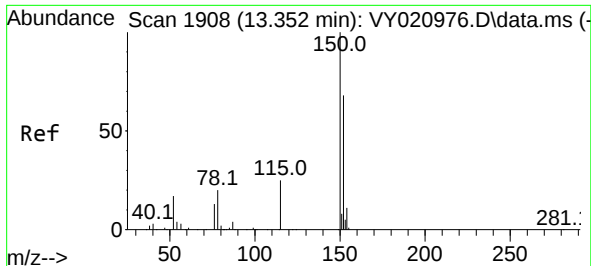
Tgt Ion: 95 Resp: 118217
Ion Ratio Lower Upper
95 100
174 91.3 0.0 181.2
176 87.4 0.0 175.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

Tgt Ion: 117 Resp: 283707
Ion Ratio Lower Upper
117 100
82 51.2 44.2 66.2
119 31.9 25.9 38.9

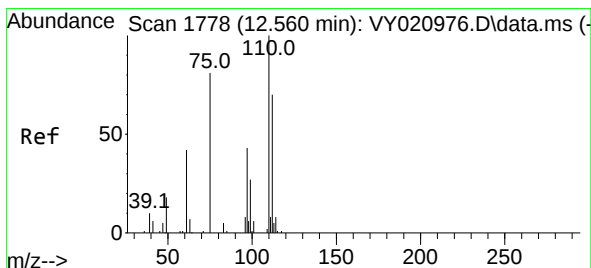
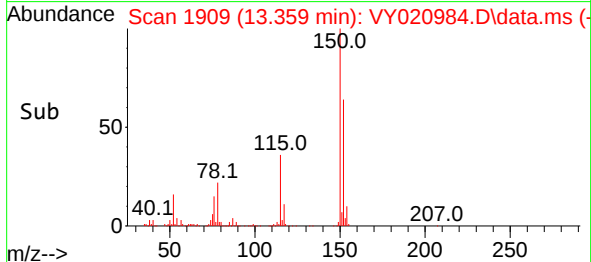
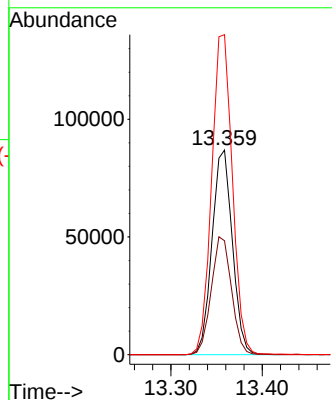
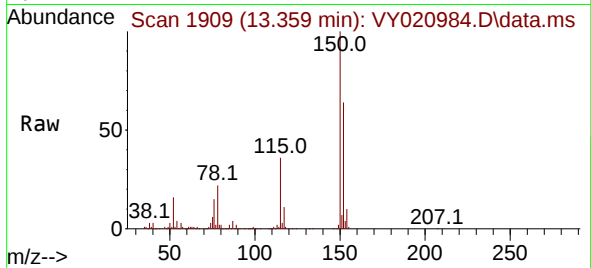




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY020984.D
 Acq: 30 Jan 2025 14:31

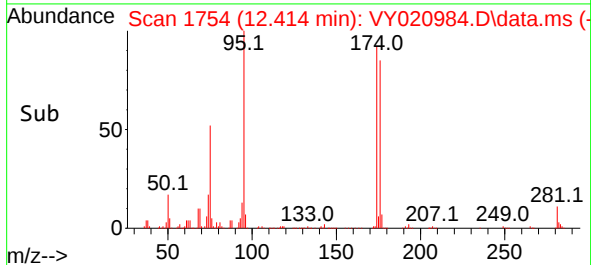
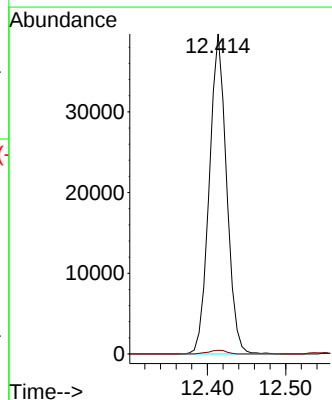
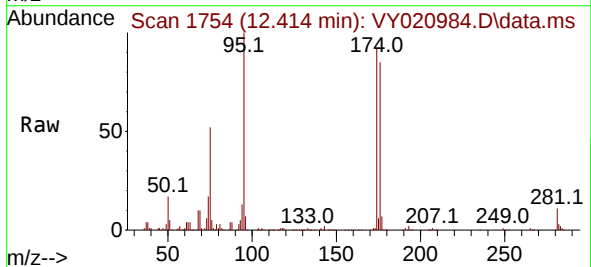
Instrument :
 MSVOA_Y
 ClientSampleId :

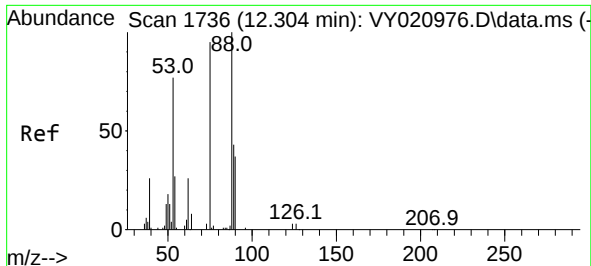
Tgt Ion:152 Resp: 134505
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.4 85.2
 150 159.3 0.0 342.8



#76
 1,2,3-Trichloropropane
 Concen: 56.950 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.146 min
 Lab File: VY020984.D
 Acq: 30 Jan 2025 14:31

Tgt Ion: 75 Resp: 60639
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

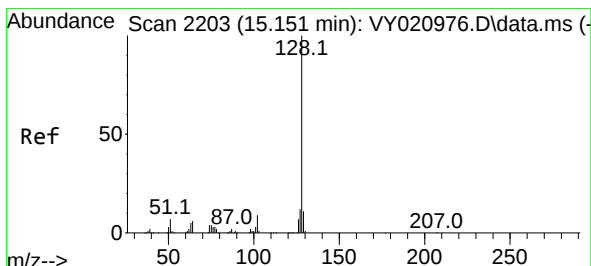
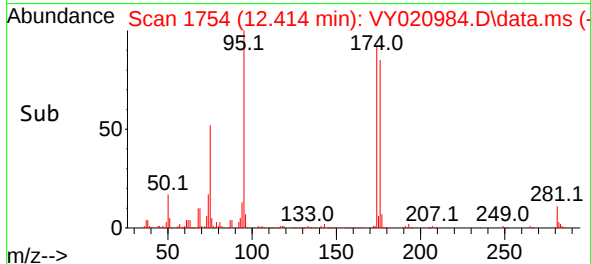
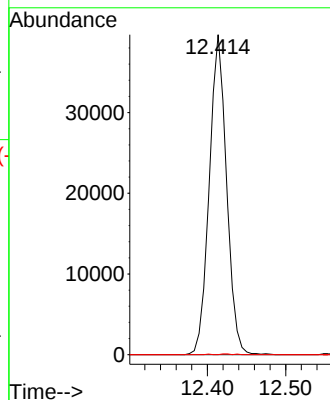
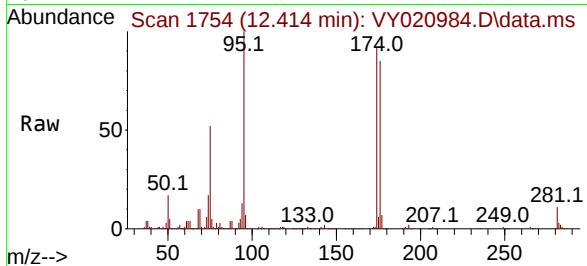




#81
trans-1,4-Dichloro-2-butene
Concen: 118.218 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.110 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

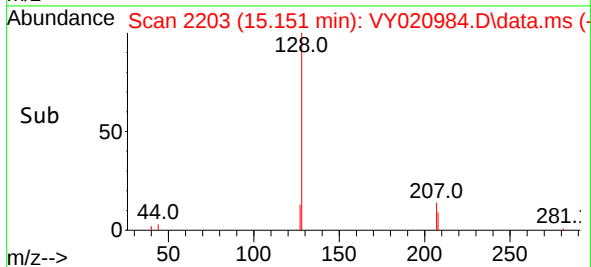
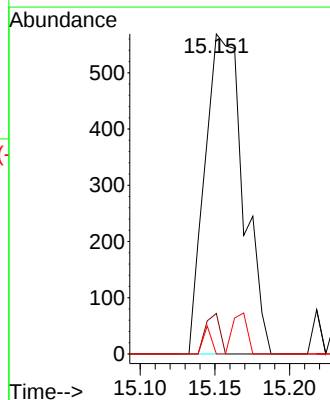
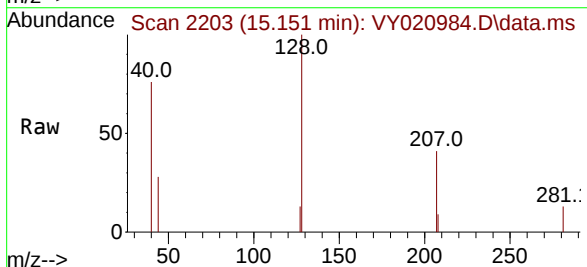
Instrument :
MSVOA_Y
ClientSampleId :

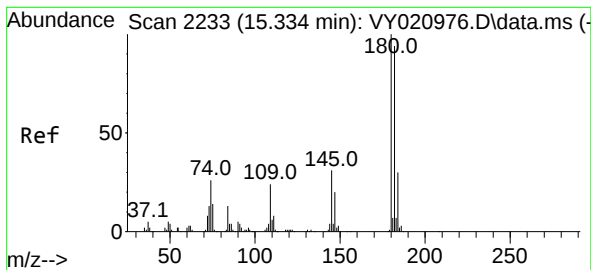
Tgt Ion: 75 Resp: 60639
Ion Ratio Lower Upper
75 100
53 0.0 68.6 103.0#
89 0.2 38.1 57.1#



#95
Naphthalene
Concen: 4.221 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

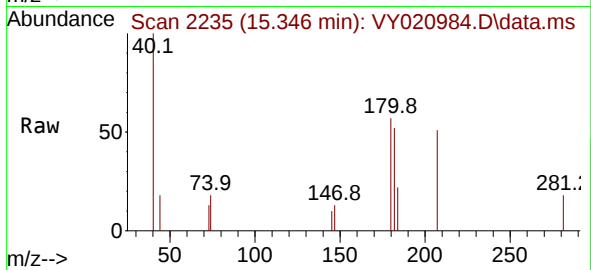
Tgt Ion: 128 Resp: 1014
Ion Ratio Lower Upper
128 100
127 4.7 10.2 15.4#
129 1.8 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.690 ug/l
 RT: 15.346 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY020984.D
 Acq: 30 Jan 2025 14:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 479

Ion	Ratio	Lower	Upper
180	100		
182	103.5	47.7	143.1
145	21.3	15.6	46.7

