

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020986.D
 Acq On : 30 Jan 2025 15:26
 Operator : SY/MD
 Sample : Q1206-05
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 04:41:35 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	7.713	168	334296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	513886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	376362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	132171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	120643	42.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.780%
35) Dibromofluoromethane	7.640	113	130327	42.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.380%
50) Toluene-d8	10.109	98	458890	38.057	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.120%
62) 4-Bromofluorobenzene	12.414	95	122132	30.185	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	60.360%

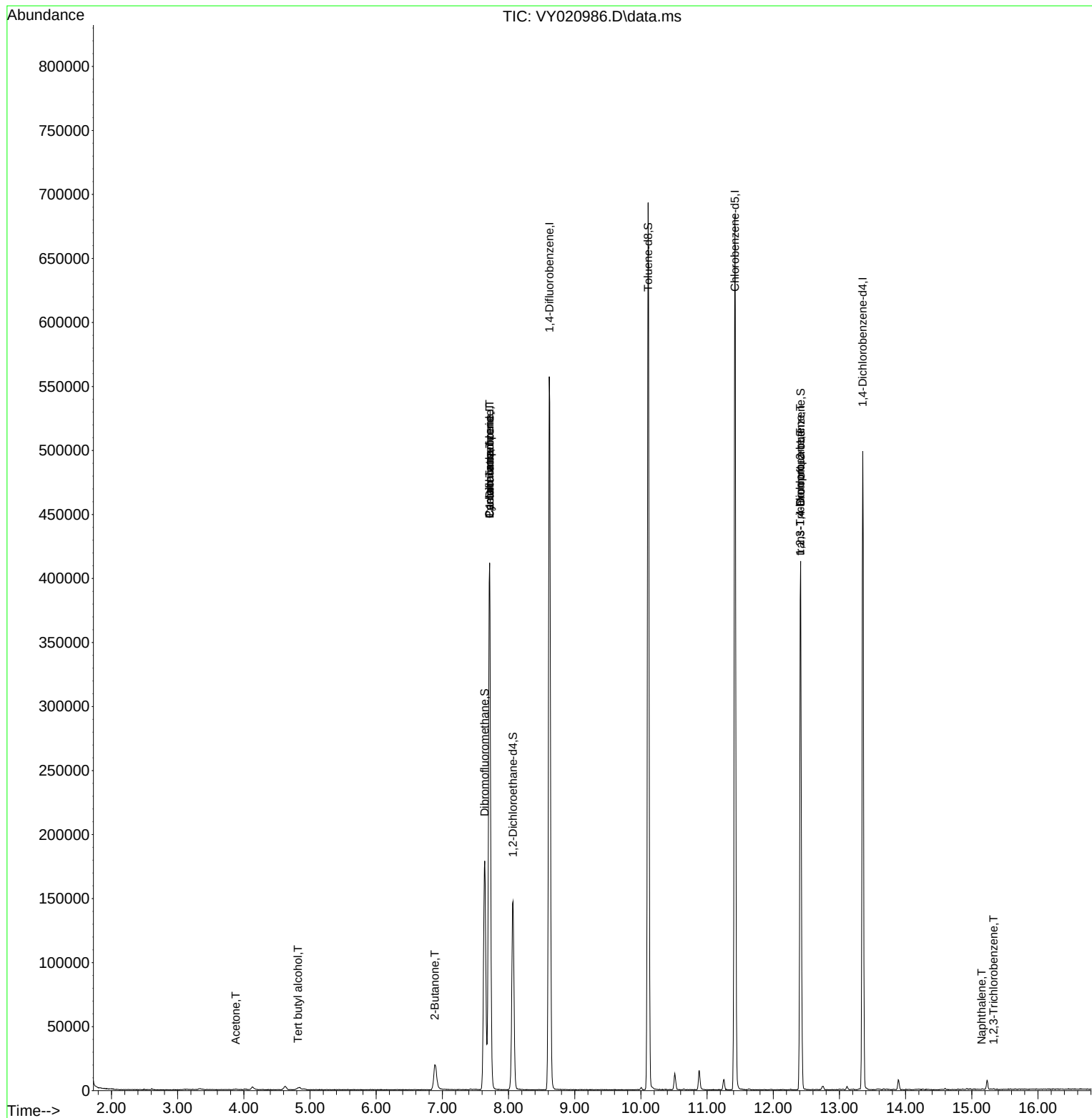
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.818	59	882	4.242	ug/l #	73
16) Acetone	3.879	43	890	2.294	ug/l #	70
25) 2-Butanone	6.884	43	1119	1.700	ug/l #	44
31) Cyclohexane	7.713	56	5564	1.111	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	23026	5.224	ug/l #	50
38) Carbon Tetrachloride	7.713	117	32349	5.931	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	61350	58.635	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	61350	121.716	ug/l #	15
95) Naphthalene	15.151	128	617	4.134	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.328	180	154	4.560	ug/l	82

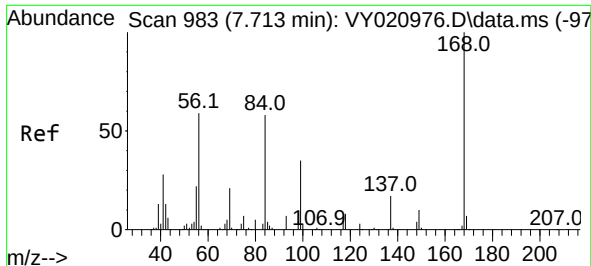
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
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Response via : Initial Calibration

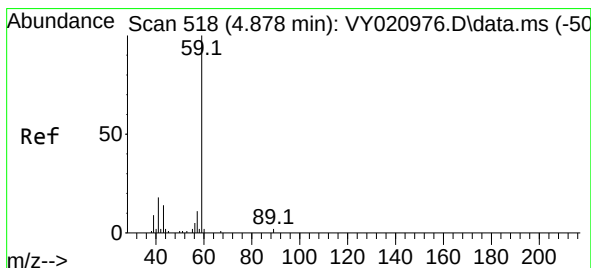
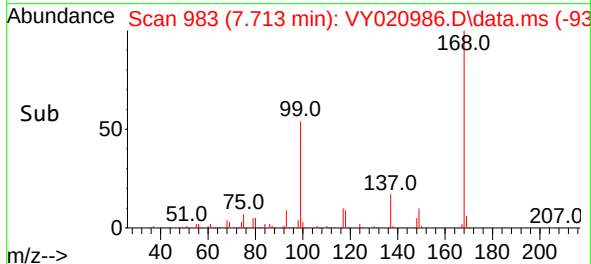
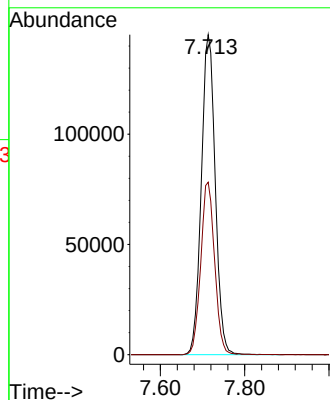
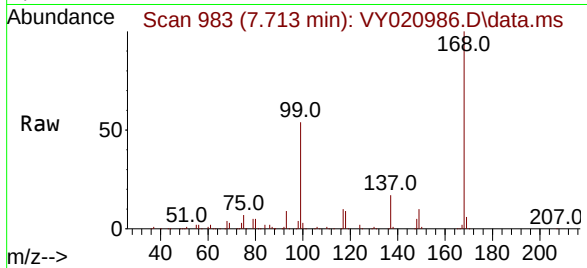




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020986.D
Acq: 30 Jan 2025 15:26

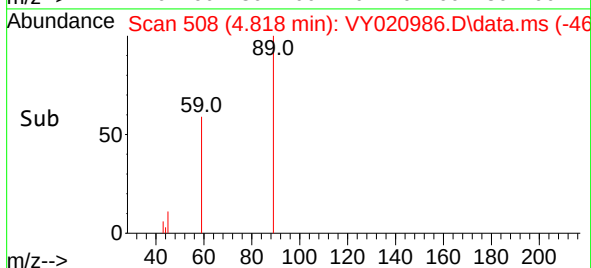
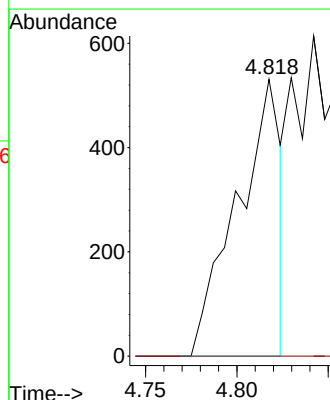
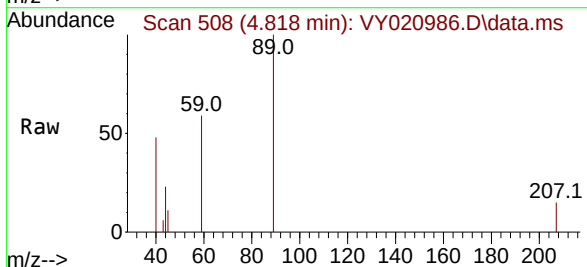
Instrument :
MSVOA_Y
ClientSampleId :

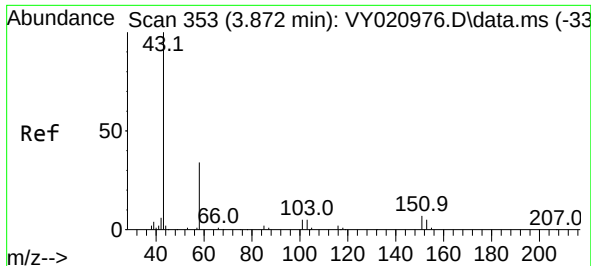
Tgt Ion:168 Resp: 334296
Ion Ratio Lower Upper
168 100
99 53.9 42.2 63.2



#11
Tert butyl alcohol
Concen: 4.242 ug/l
RT: 4.818 min Scan# 508
Delta R.T. -0.060 min
Lab File: VY020986.D
Acq: 30 Jan 2025 15:26

Tgt Ion: 59 Resp: 882
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

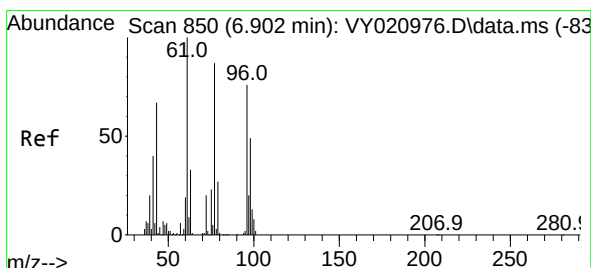
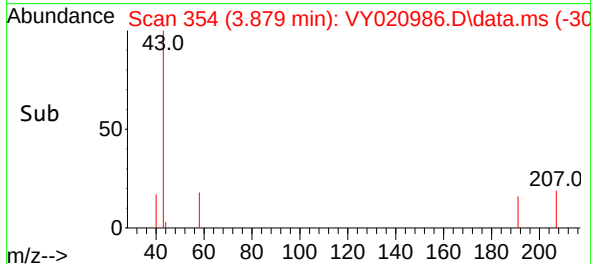
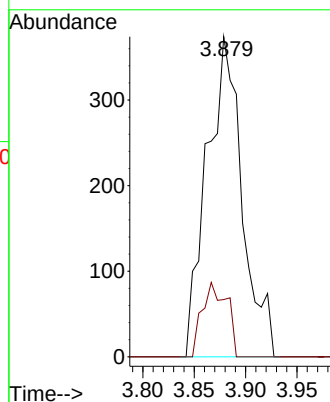
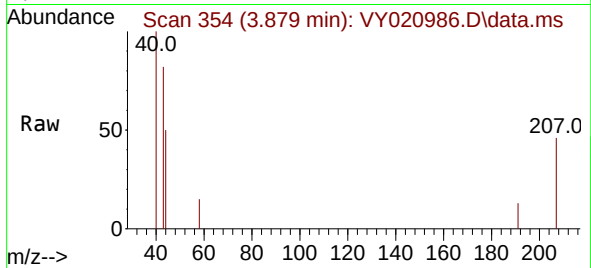




#16
Acetone
Concen: 2.294 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY020986.D
Acq: 30 Jan 2025 15:26

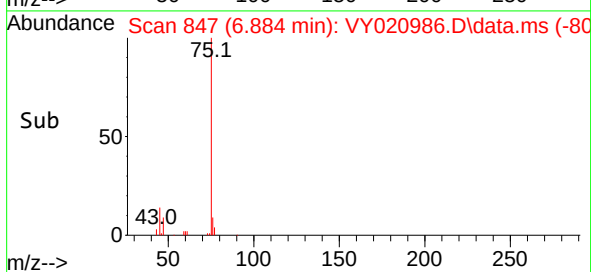
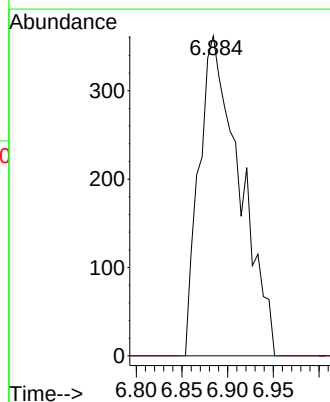
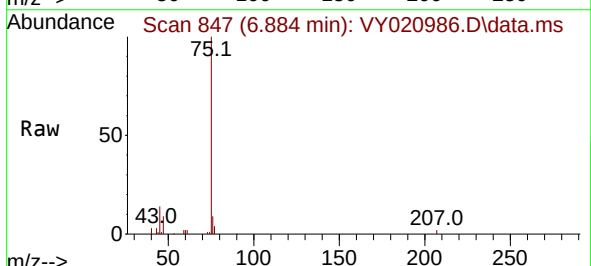
Instrument :
MSVOA_Y
ClientSampleId :

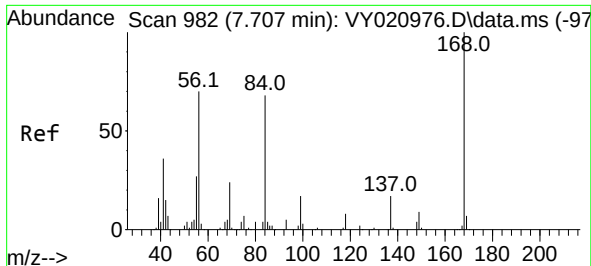
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 17.9 28.4 42.6#



#25
2-Butanone
Concen: 1.700 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY020986.D
Acq: 30 Jan 2025 15:26

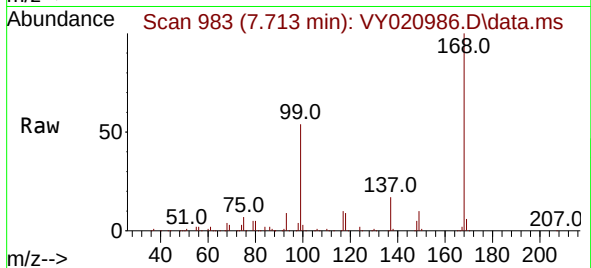
Tgt Ion: 43 Resp: 1119
Ion Ratio Lower Upper
43 100
72 0.0 24.3 36.5#



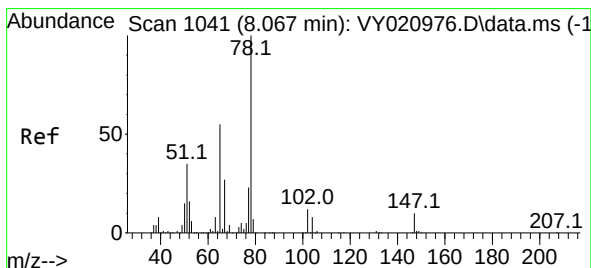
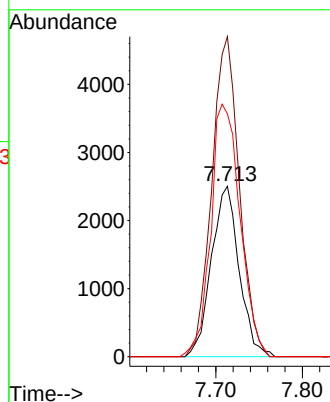
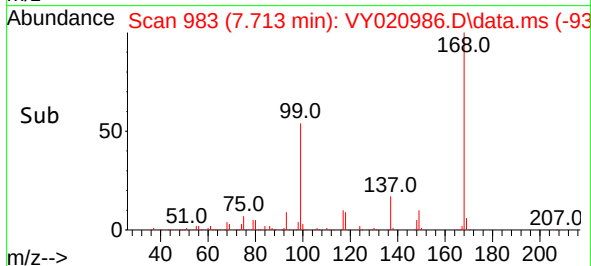


#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.007 min
Lab File: VY020986.D
Acq: 30 Jan 2025 15:26

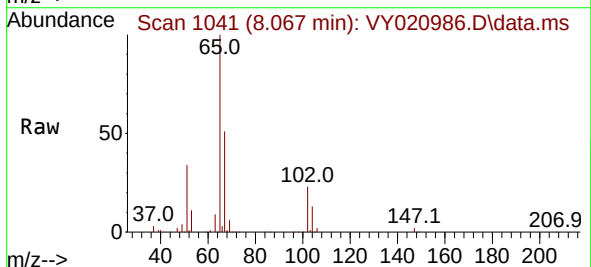
Instrument :
MSVOA_Y
ClientSampleId :



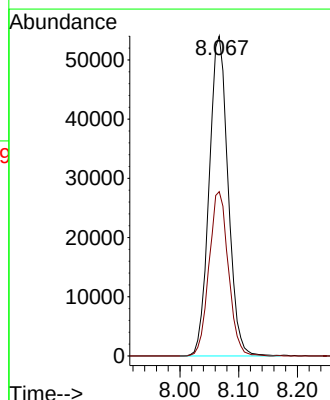
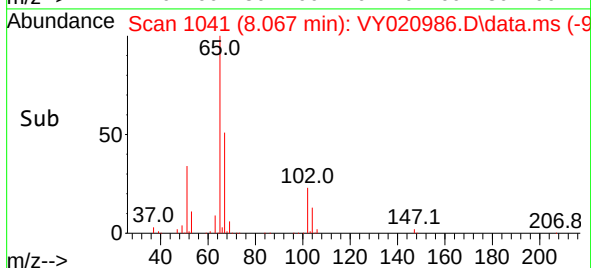
Tgt Ion: 56 Resp: 5564
Ion Ratio Lower Upper
56 100
69 187.8 27.7 41.5#
84 142.6 77.5 116.3#

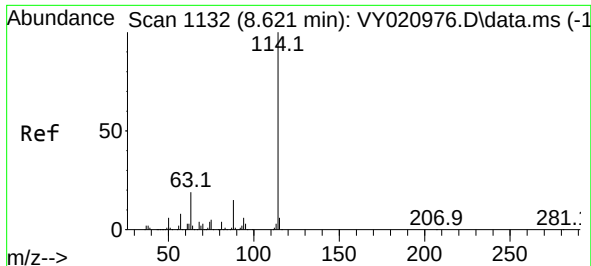


#33
1,2-Dichloroethane-d4
Concen: 42.387 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020986.D
Acq: 30 Jan 2025 15:26



Tgt Ion: 65 Resp: 120643
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.4

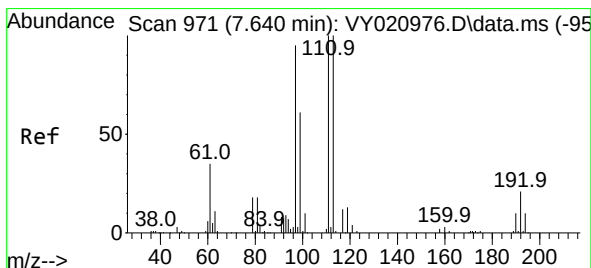
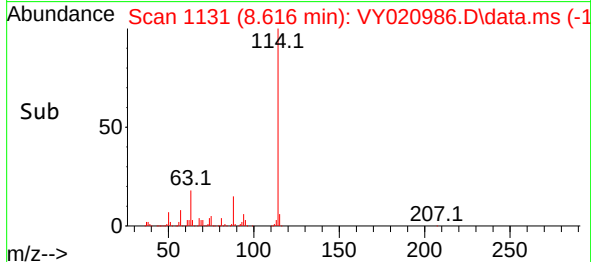
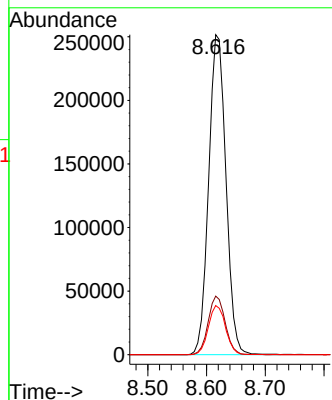
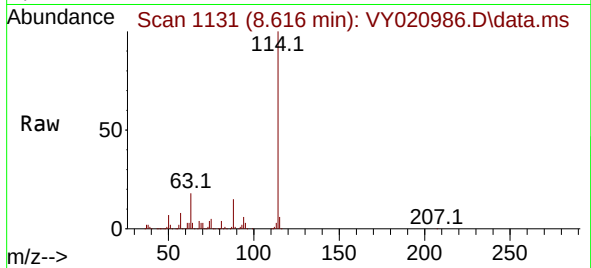




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020986.D
Acq: 30 Jan 2025 15:26

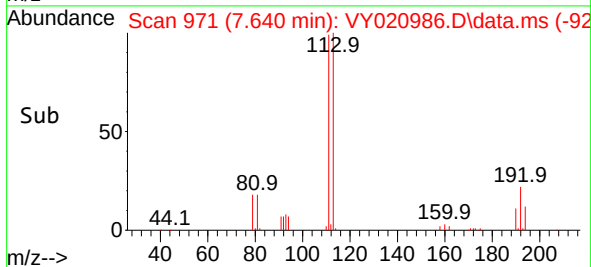
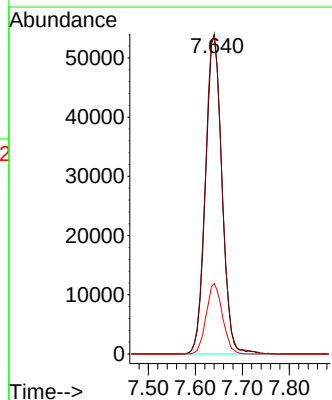
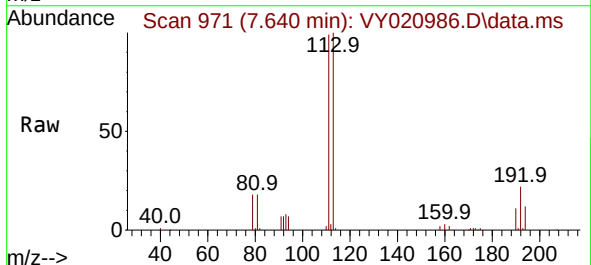
Instrument :
MSVOA_Y
ClientSampleId :

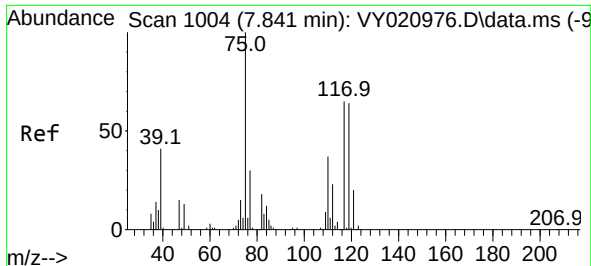
Tgt Ion:114 Resp: 513886
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.2
88 15.4 0.0 29.6



#35
Dibromofluoromethane
Concen: 42.185 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020986.D
Acq: 30 Jan 2025 15:26

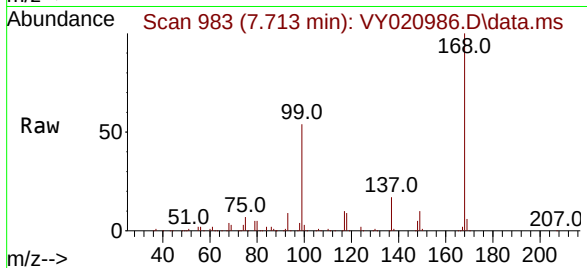
Tgt Ion:113 Resp: 130327
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 21.9 16.8 25.2



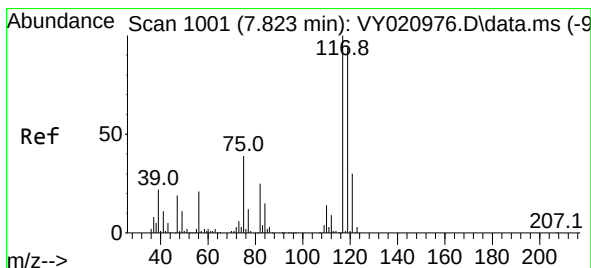
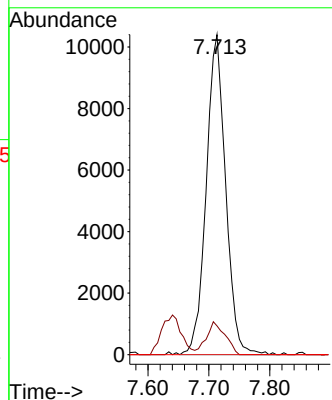
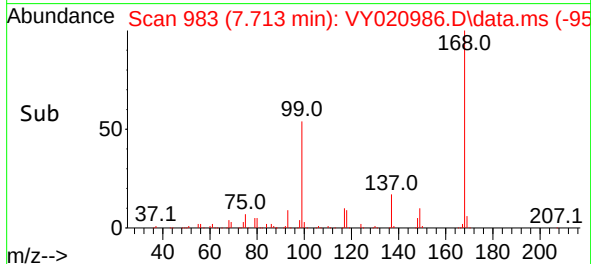


#36
 1,1-Dichloropropene
 Concen: 5.224 ug/l
 RT: 7.713 min Scan# 983
 Delta R.T. -0.128 min
 Lab File: VY020986.D
 Acq: 30 Jan 2025 15:26

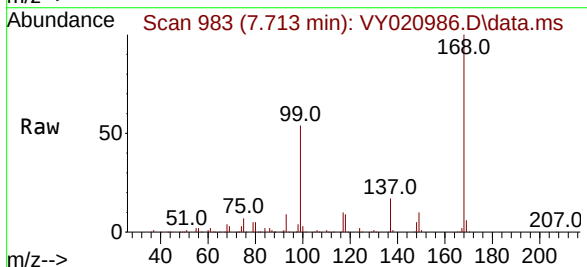
Instrument :
 MSVOA_Y
 ClientSampleId :



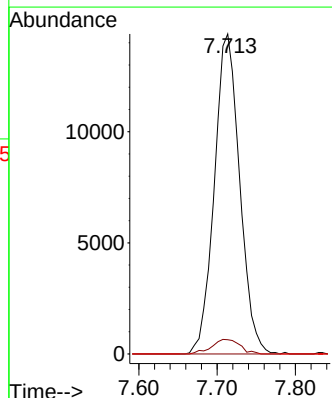
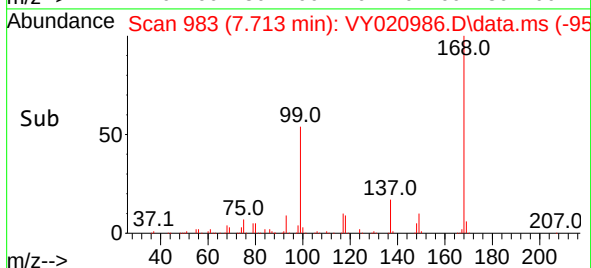
Tgt Ion: 75 Resp: 23026
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.4 55.2#
 77 0.0 24.9 37.3#

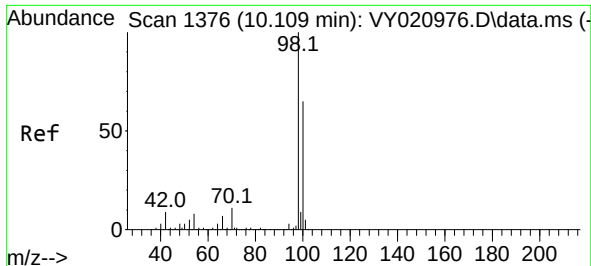


#38
 Carbon Tetrachloride
 Concen: 5.931 ug/l
 RT: 7.713 min Scan# 983
 Delta R.T. -0.109 min
 Lab File: VY020986.D
 Acq: 30 Jan 2025 15:26



Tgt Ion: 117 Resp: 32349
 Ion Ratio Lower Upper
 117 100
 119 4.5 75.0 112.6#
 121 0.0 24.2 36.2#

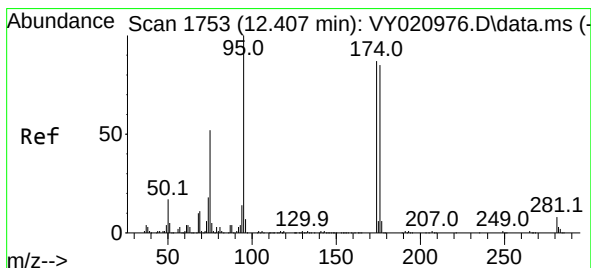
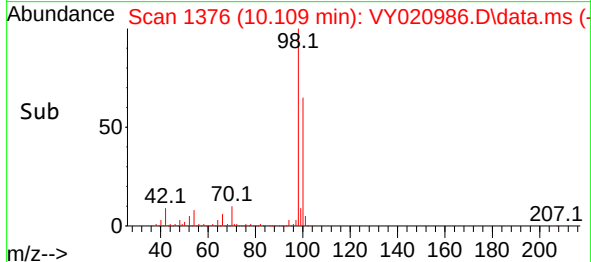
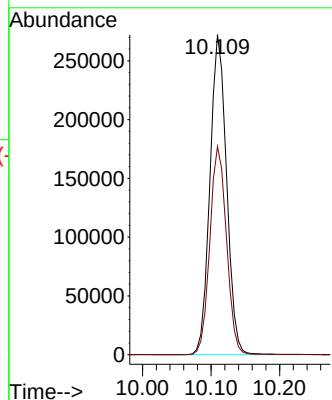
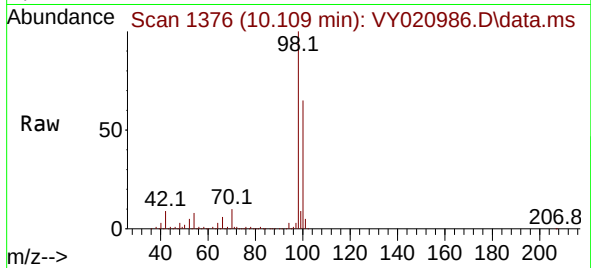




#50
Toluene-d8
Concen: 38.057 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020986.D
Acq: 30 Jan 2025 15:26

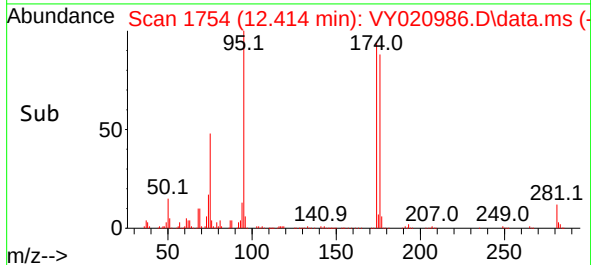
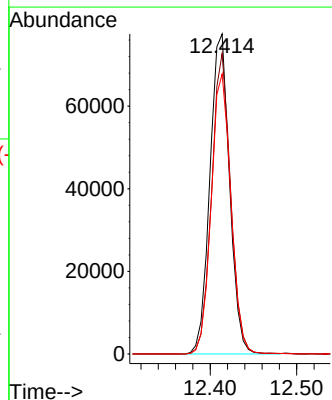
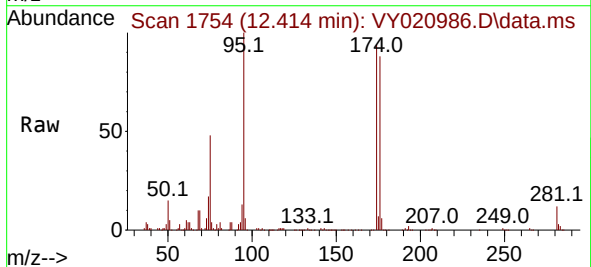
Instrument :
MSVOA_Y
ClientSampleId :

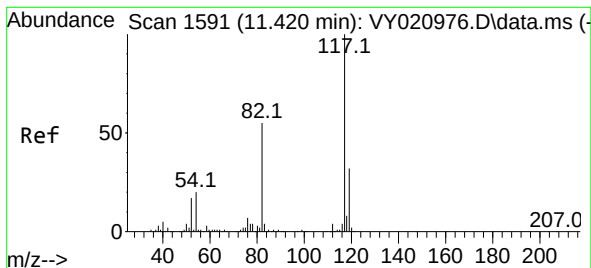
Tgt Ion: 98 Resp: 458890
Ion Ratio Lower Upper
98 100
100 65.2 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 30.185 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.007 min
Lab File: VY020986.D
Acq: 30 Jan 2025 15:26

Tgt Ion: 95 Resp: 122132
Ion Ratio Lower Upper
95 100
174 91.0 0.0 181.2
176 87.8 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: VY020986.D

Acq: 30 Jan 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

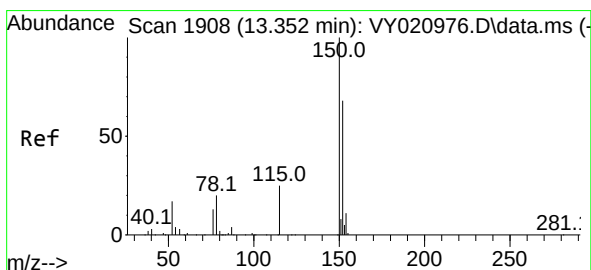
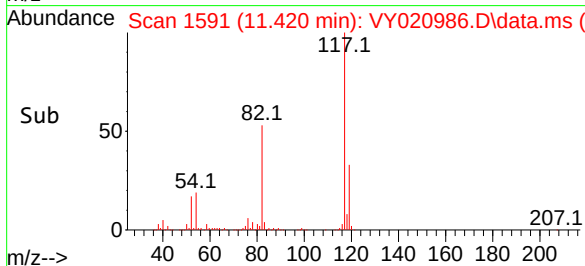
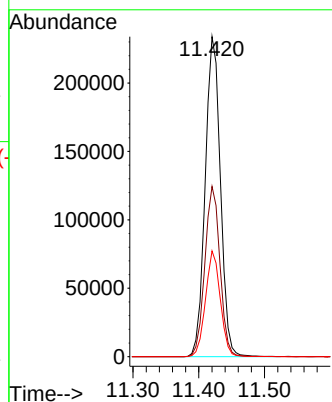
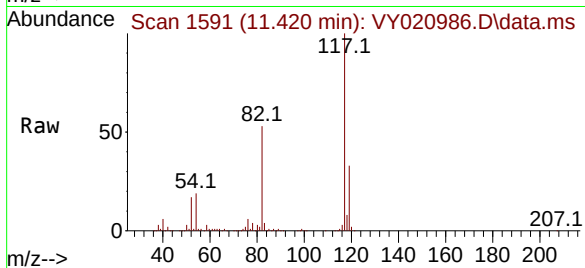
Tgt Ion:117 Resp: 376362

Ion Ratio Lower Upper

117 100

82 53.2 44.2 66.2

119 33.0 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: VY020986.D

Acq: 30 Jan 2025 15:26

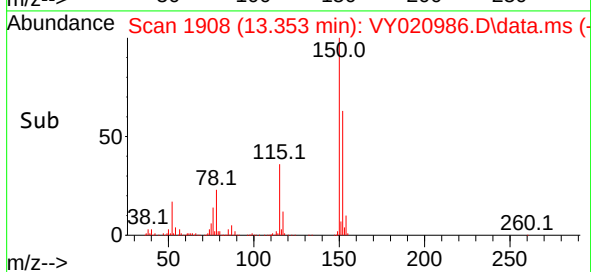
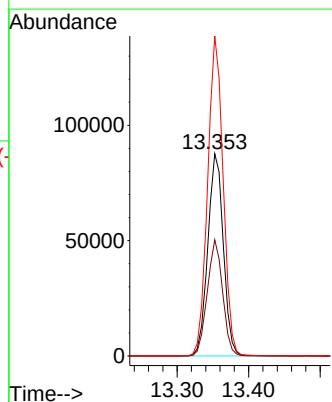
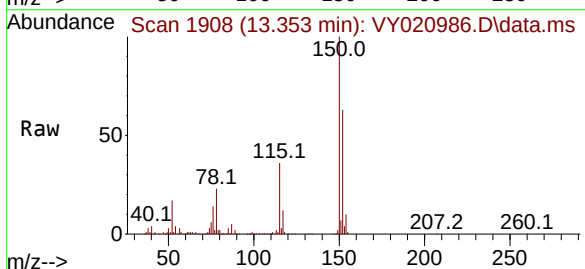
Tgt Ion:152 Resp: 132171

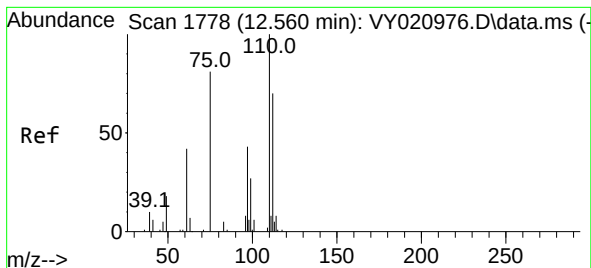
Ion Ratio Lower Upper

152 100

115 56.7 28.4 85.2

150 157.6 0.0 342.8





#76

1,2,3-Trichloropropane

Concen: 58.635 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020986.D

Acq: 30 Jan 2025 15:26

Instrument :

MSVOA_Y

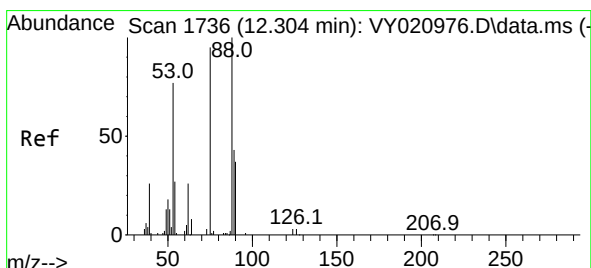
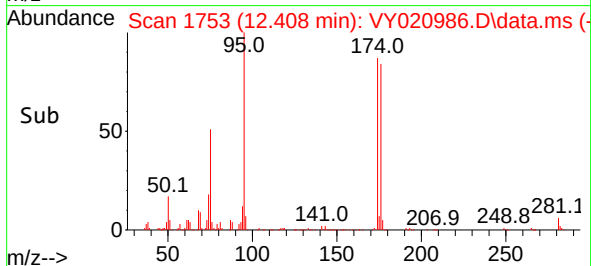
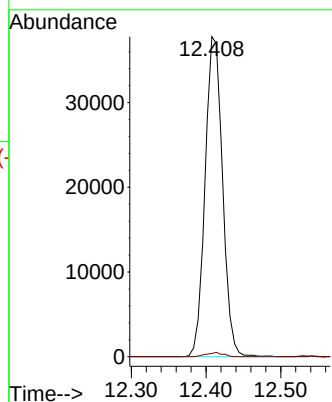
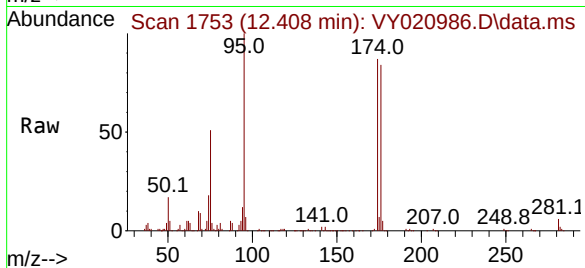
ClientSampleId :

Tgt Ion: 75 Resp: 61350

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 121.716 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY020986.D

Acq: 30 Jan 2025 15:26

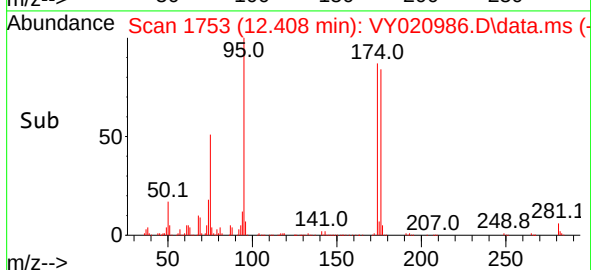
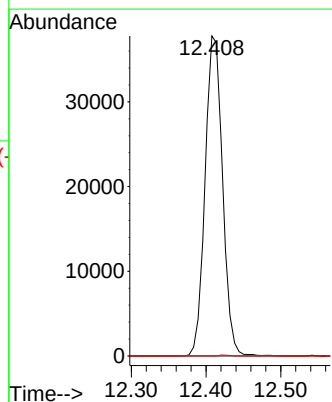
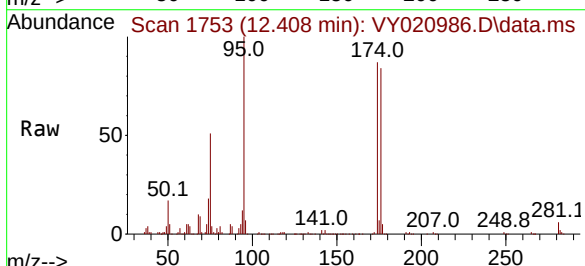
Tgt Ion: 75 Resp: 61350

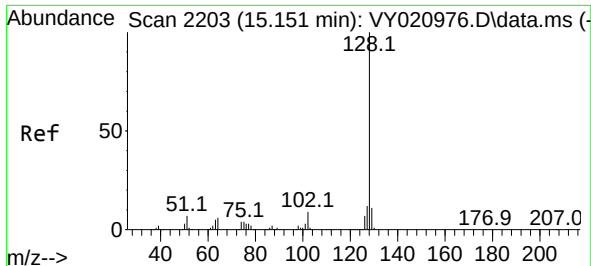
Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

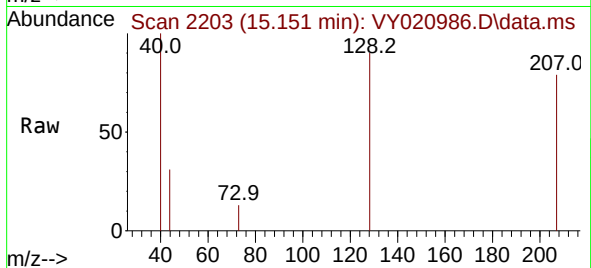
89 0.2 38.1 57.1#



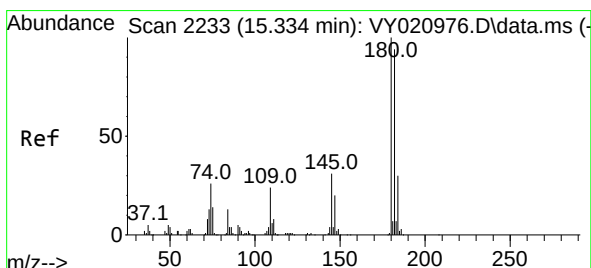
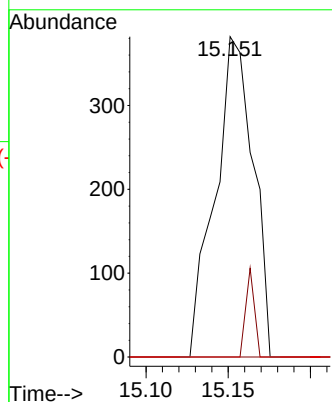
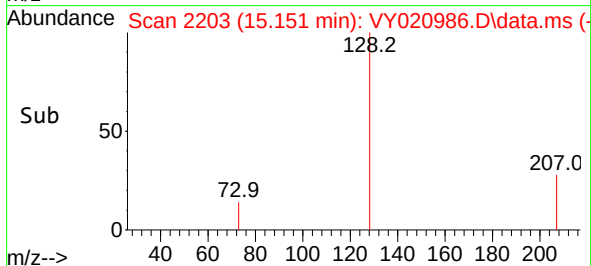


#95
Naphthalene
Concen: 4.134 ug/l
RT: 15.151 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020986.D
Acq: 30 Jan 2025 15:26

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 617
Ion Ratio Lower Upper
128 100
127 6.3 10.2 15.4#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 4.560 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY020986.D
Acq: 30 Jan 2025 15:26

Tgt Ion:180 Resp: 154
Ion Ratio Lower Upper
180 100
182 80.5 47.7 143.1
145 46.1 15.6 46.7

