

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020171.D
 Acq On : 05 Nov 2024 16:52
 Operator : SY/MD
 Sample : P4659-03
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 00:28:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

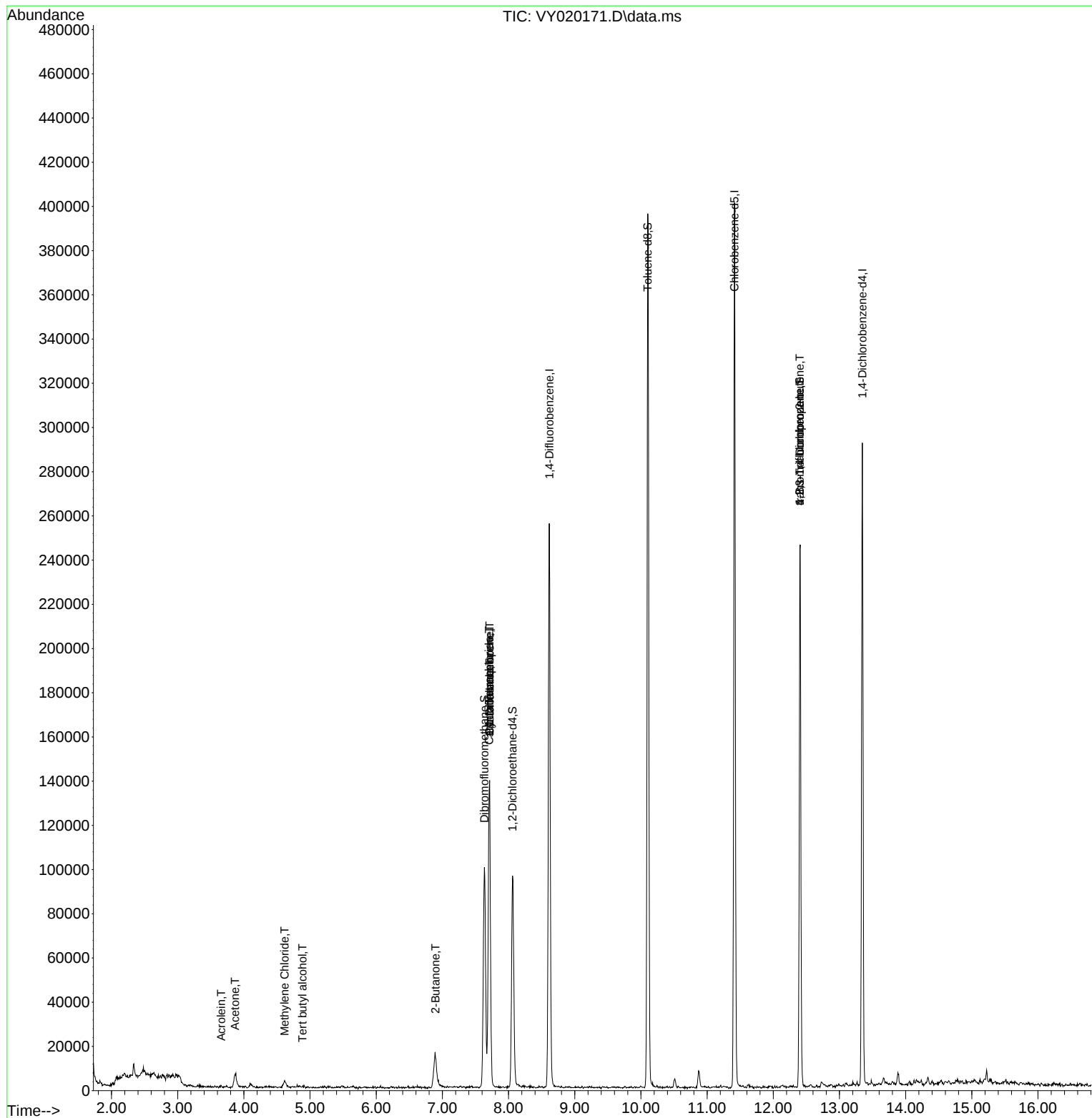
Internal Standards						
1) Pentafluorobenzene	7.713	168	96273	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	199839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	188275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	65874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	77133	64.195	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.380%			
35) Dibromofluoromethane	7.634	113	68964	54.278	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.560%			
50) Toluene-d8	10.103	98	248537	49.143	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.280%			
62) 4-Bromofluorobenzene	12.401	95	75046	45.684	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 91.360%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.884	59	89	1.030	ug/l #	1
13) Acrolein	3.659	56	247	2.296	ug/l #	69
16) Acetone	3.866	43	11608	41.542	ug/l	93
20) Methylene Chloride	4.616	84	1890	1.506	ug/l #	85
25) 2-Butanone	6.896	43	3592	9.483	ug/l #	74
31) Cyclohexane	7.713	56	3287	1.507	ug/l #	40
36) 1,1-Dichloropropene	7.713	75	9678	4.931	ug/l #	48
38) Carbon Tetrachloride	7.707	117	11063	5.605	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	44509	72.079	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	44509	155.040	ug/l #	16

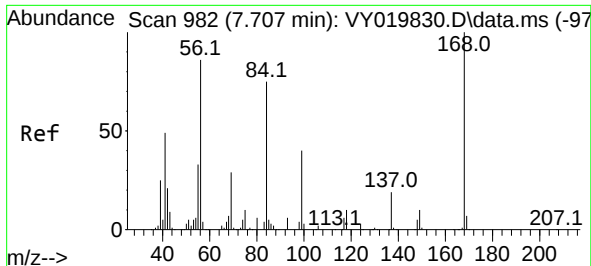
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

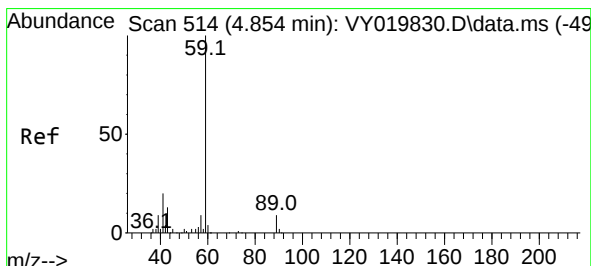
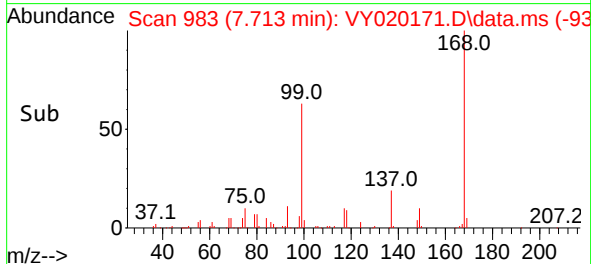
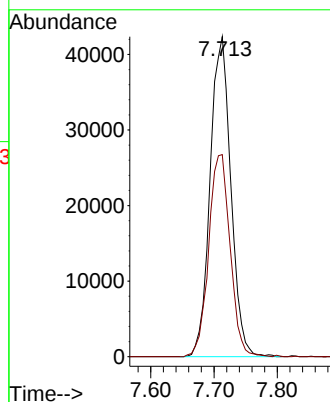
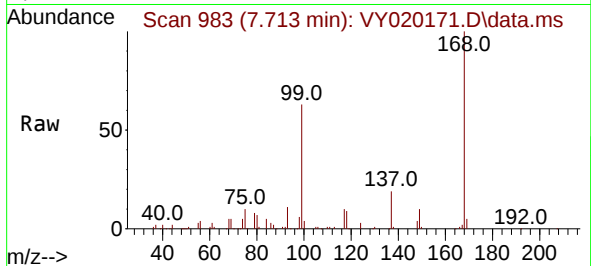




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

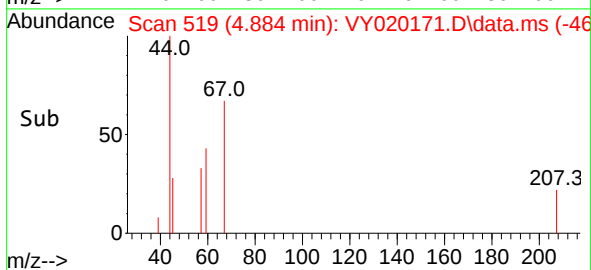
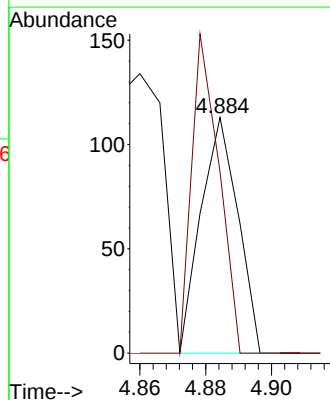
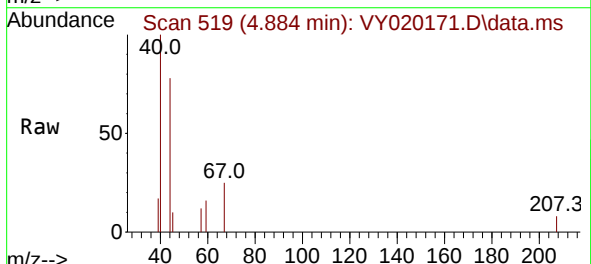
Instrument :
MSVOA_Y
ClientSampleId :

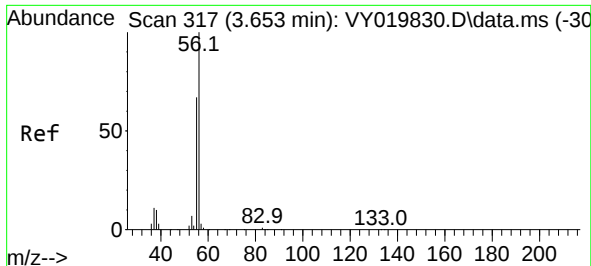
Tgt Ion:168 Resp: 96273
Ion Ratio Lower Upper
168 100
99 63.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.030 ug/l
RT: 4.884 min Scan# 519
Delta R.T. 0.024 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

Tgt Ion: 59 Resp: 89
Ion Ratio Lower Upper
59 100
57 98.9 3.0 4.6#

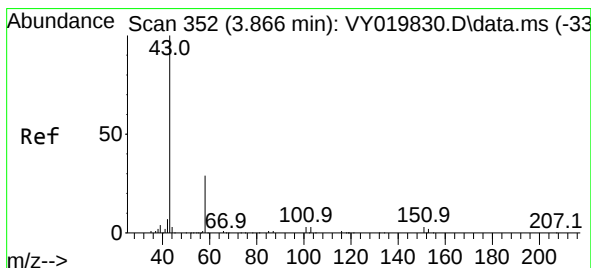
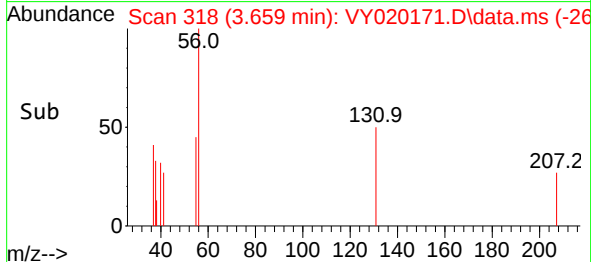
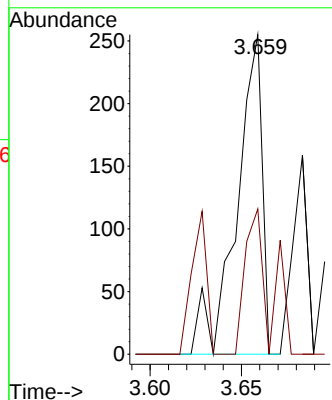
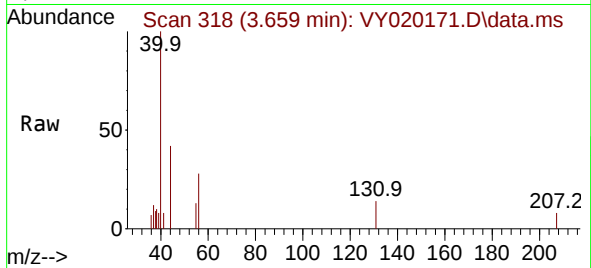




#13
Acrolein
Concen: 2.296 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

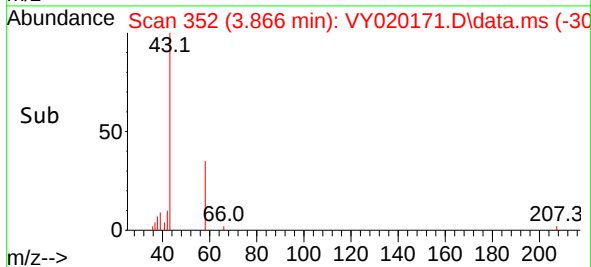
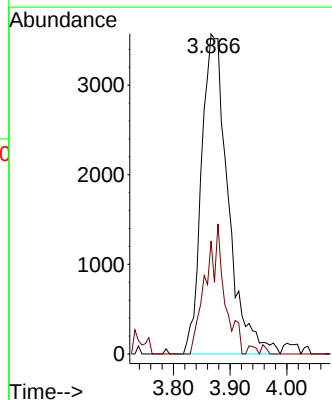
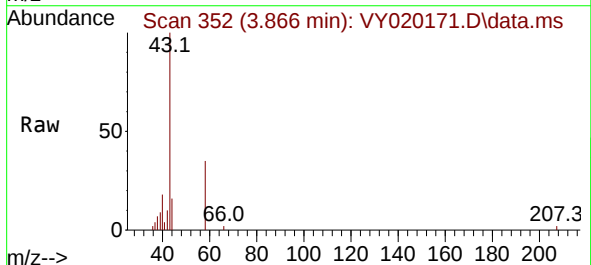
Instrument :
MSVOA_Y
ClientSampleId :

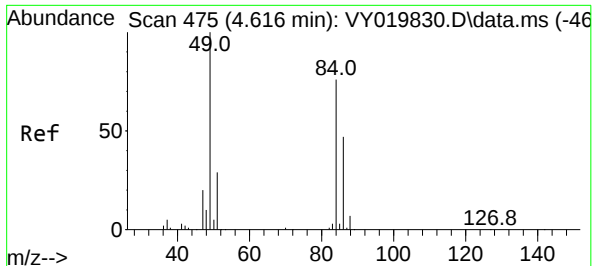
Tgt Ion: 56 Resp: 247
Ion Ratio Lower Upper
56 100
55 44.1 55.7 83.5#



#16
Acetone
Concen: 41.542 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

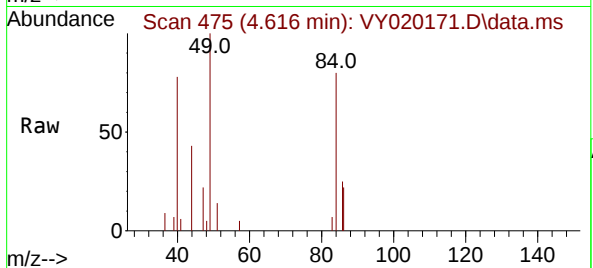
Tgt Ion: 43 Resp: 11608
Ion Ratio Lower Upper
43 100
58 35.3 31.7 47.5



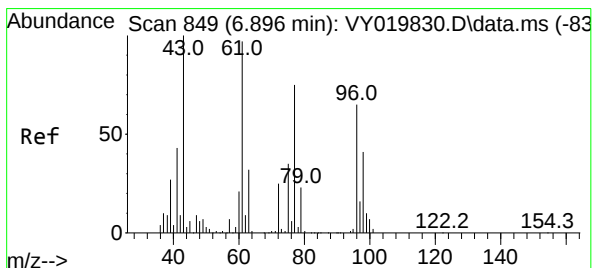
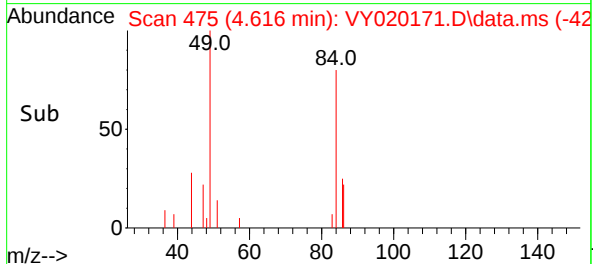
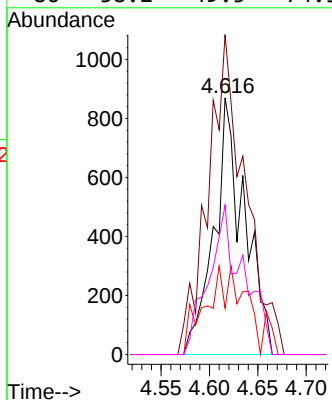


#20
Methylene Chloride
Concen: 1.506 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

Instrument :
MSVOA_Y
ClientSampleId :

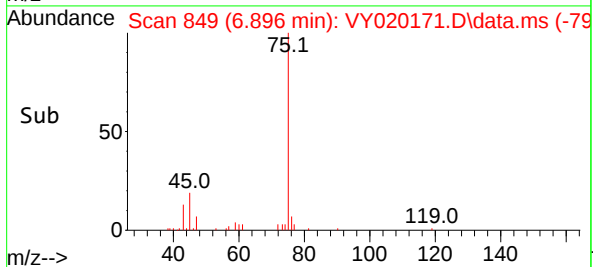
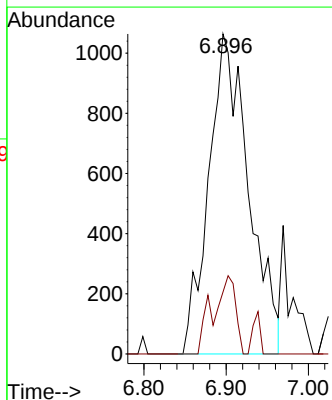
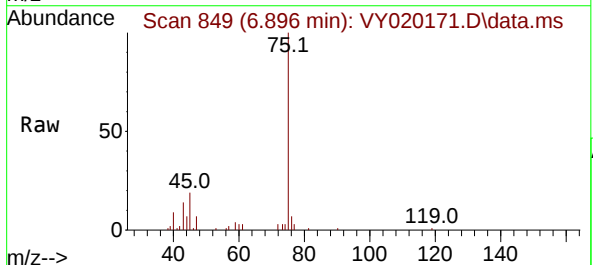


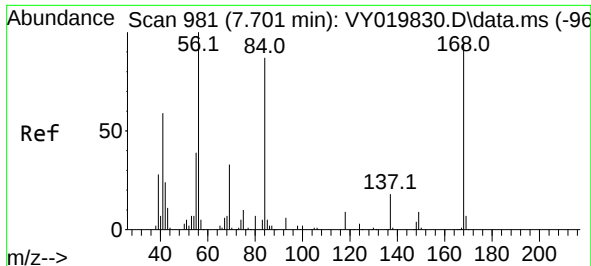
Tgt Ion:	84	Resp:	1890
Ion	Ratio	Lower	Upper
84	100		
49	124.6	84.4	126.6
51	18.0	26.0	39.0#
86	58.2	49.5	74.3



#25
2-Butanone
Concen: 9.483 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

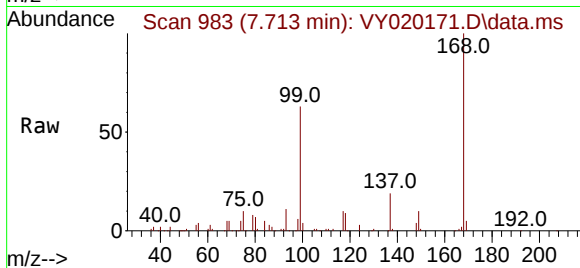
Tgt Ion:	43	Resp:	3592
Ion	Ratio	Lower	Upper
43	100		
72	19.4	27.3	40.9#



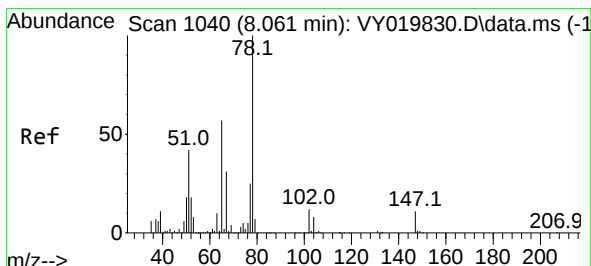
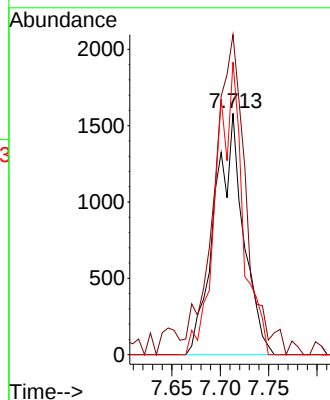
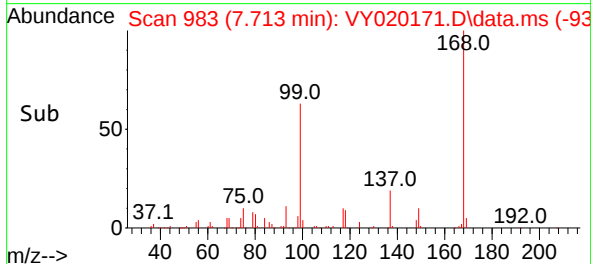


#31
Cyclohexane
Concen: 1.507 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

Instrument :
MSVOA_Y
ClientSampleId :

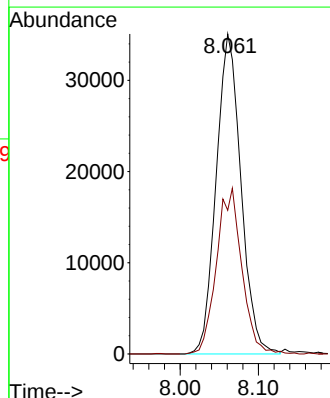
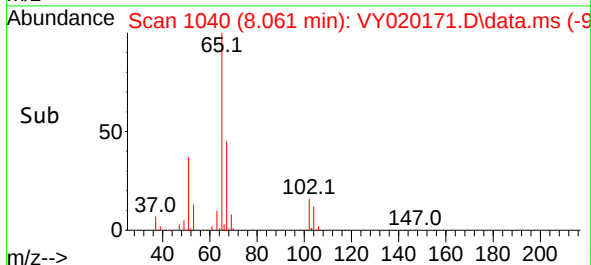
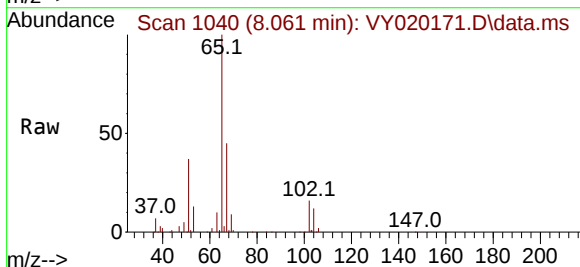


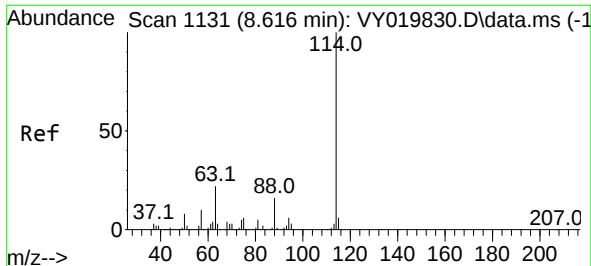
Tgt Ion: 56 Resp: 3287
Ion Ratio Lower Upper
56 100
69 126.6 28.7 43.1#
84 121.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 64.195 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

Tgt Ion: 65 Resp: 77133
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6

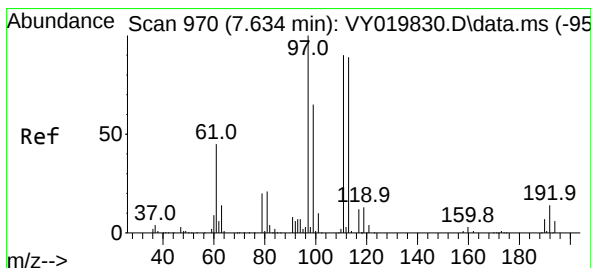
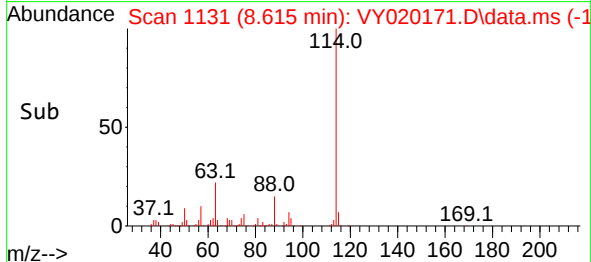
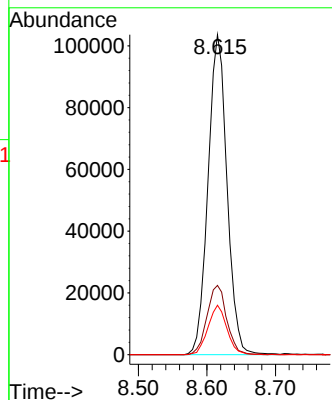
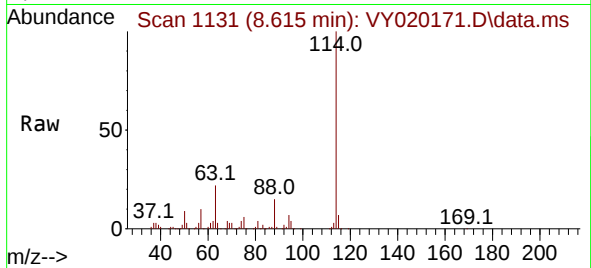




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

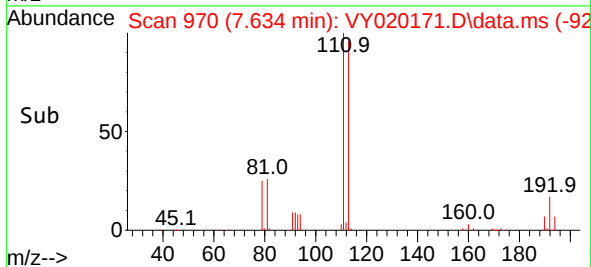
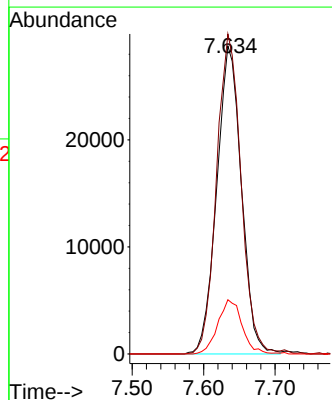
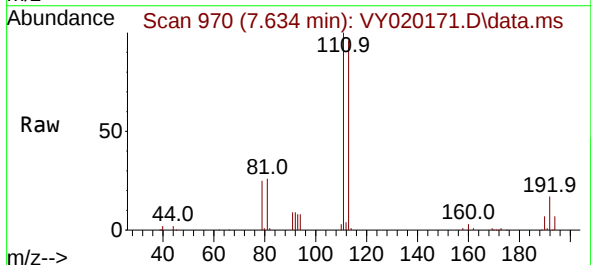
Instrument :
MSVOA_Y
ClientSampleId :

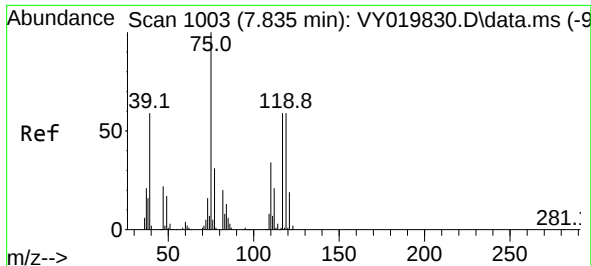
Tgt Ion:114 Resp: 199839
Ion Ratio Lower Upper
114 100
63 21.7 0.0 35.0
88 15.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.278 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

Tgt Ion:113 Resp: 68964
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.931 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY020171.D

Acq: 05 Nov 2024 16:52

Instrument :

MSVOA_Y

ClientSampleId :

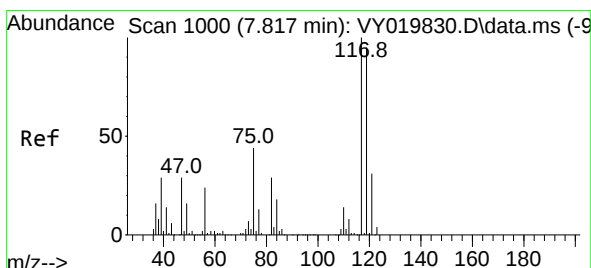
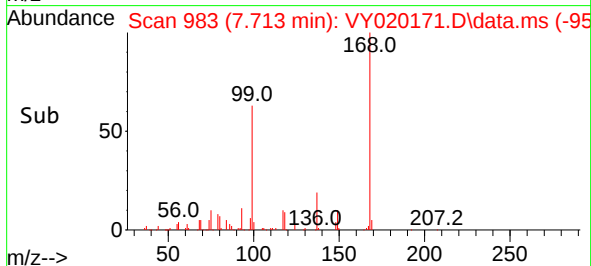
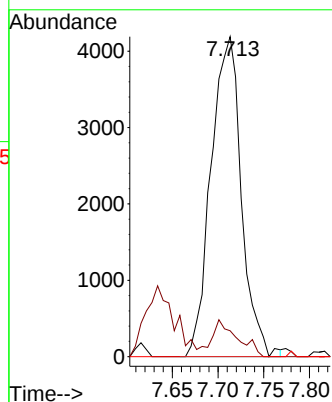
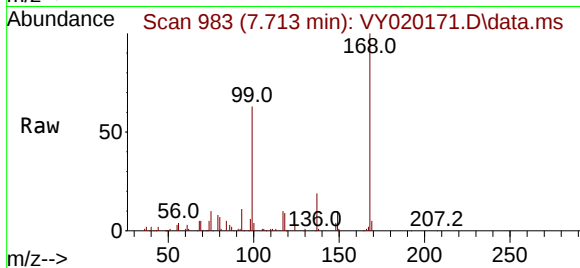
Tgt Ion: 75 Resp: 9678

Ion Ratio Lower Upper

75 100

110 8.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.605 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY020171.D

Acq: 05 Nov 2024 16:52

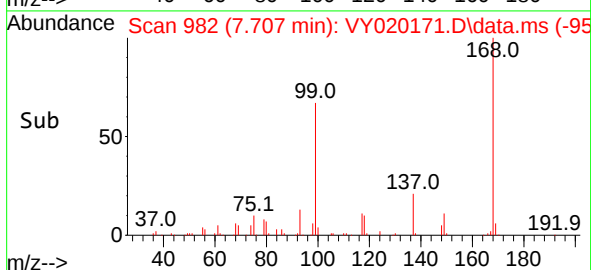
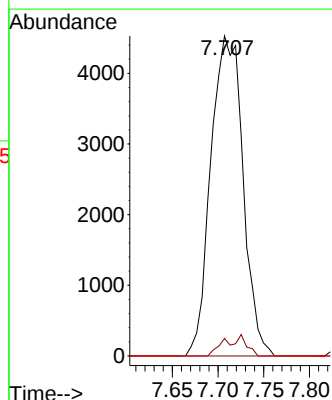
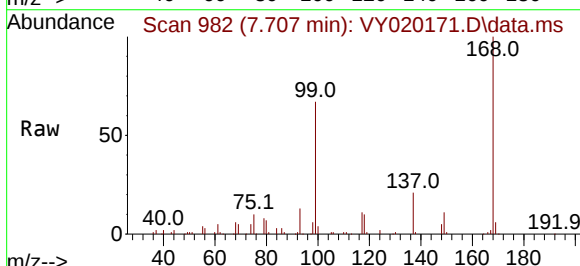
Tgt Ion: 117 Resp: 11063

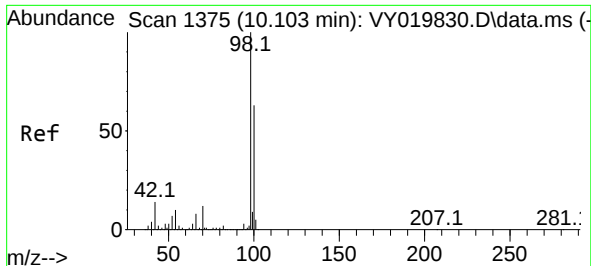
Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.6#

121 0.0 24.0 36.0#

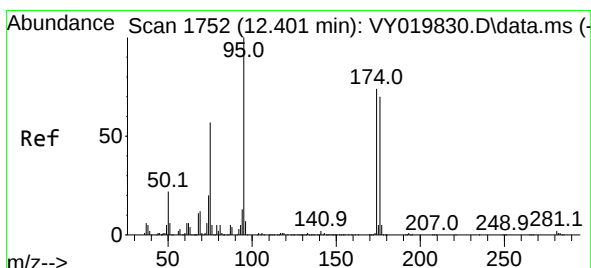
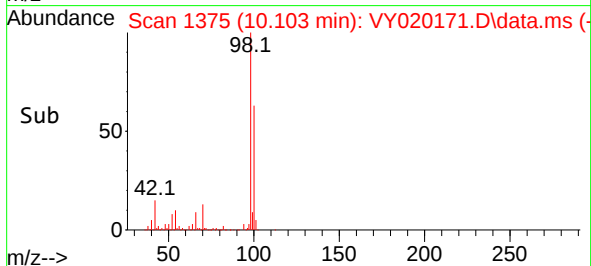
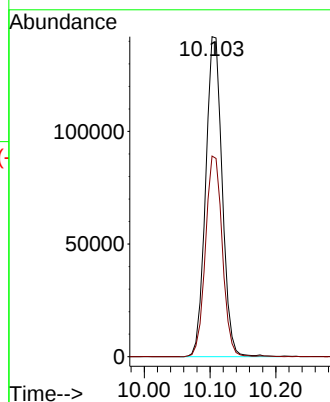
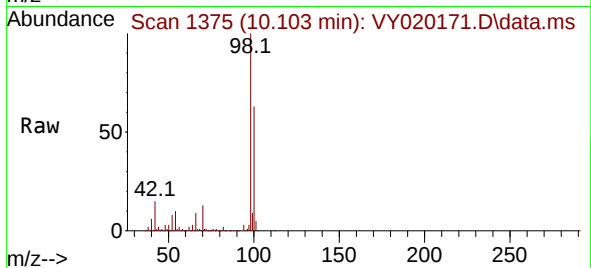




#50
Toluene-d8
Concen: 49.143 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

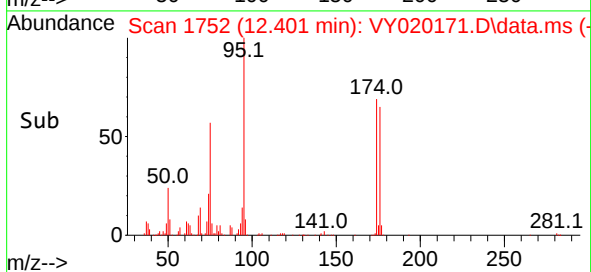
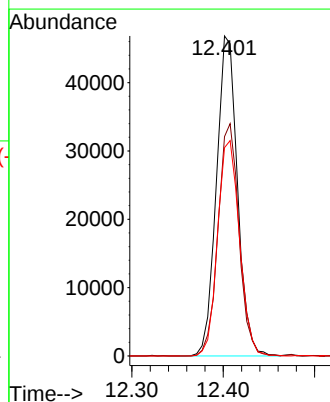
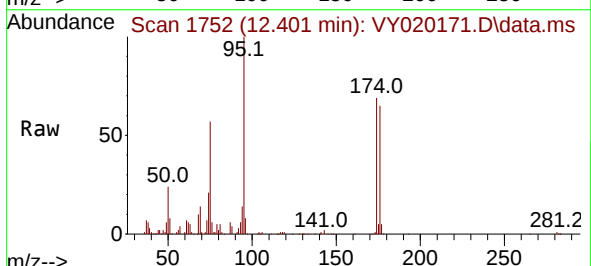
Instrument :
MSVOA_Y
ClientSampleId :

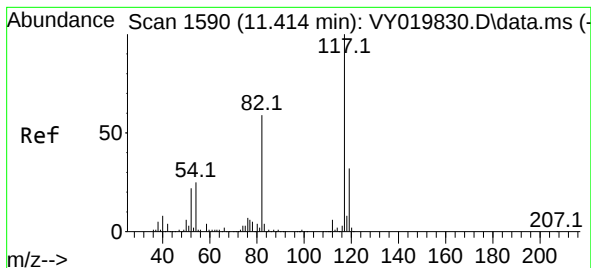
Tgt Ion: 98 Resp: 248537
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.684 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

Tgt Ion: 95 Resp: 75046
Ion Ratio Lower Upper
95 100
174 71.9 0.0 175.6
176 70.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020171.D

Acq: 05 Nov 2024 16:52

Instrument :

MSVOA_Y

ClientSampleId :

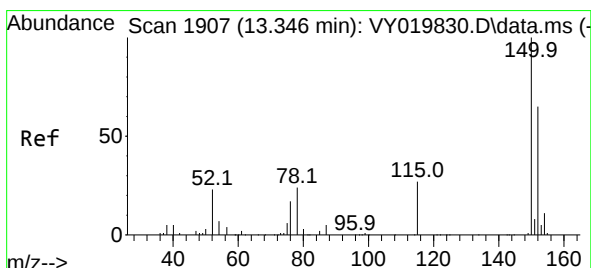
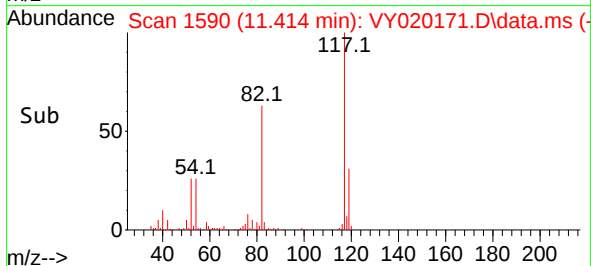
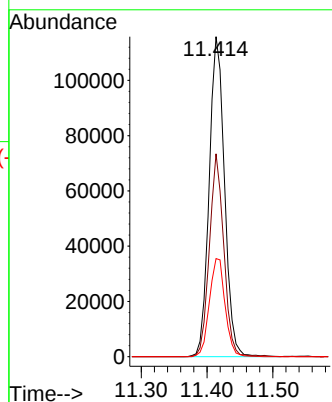
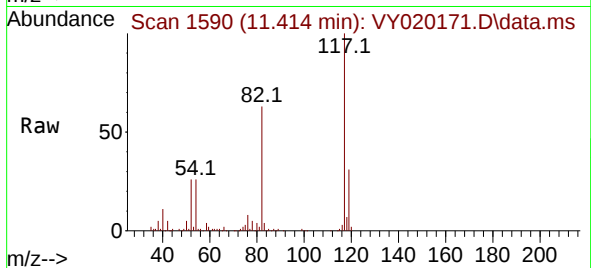
Tgt Ion:117 Resp: 188275

Ion Ratio Lower Upper

117 100

82 63.4 42.4 63.6

119 30.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020171.D

Acq: 05 Nov 2024 16:52

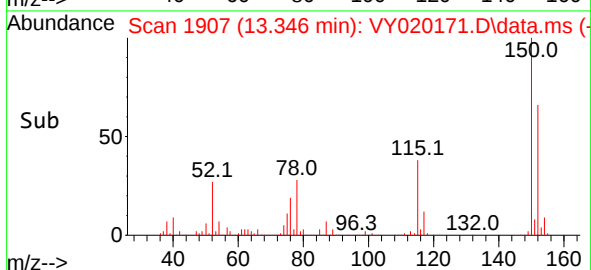
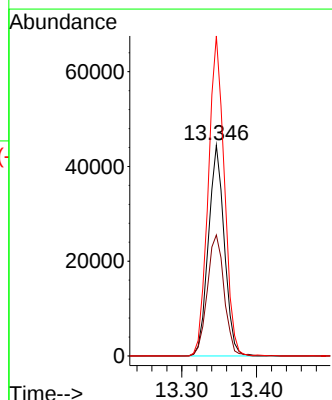
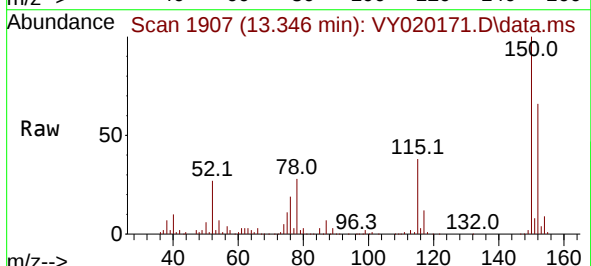
Tgt Ion:152 Resp: 65874

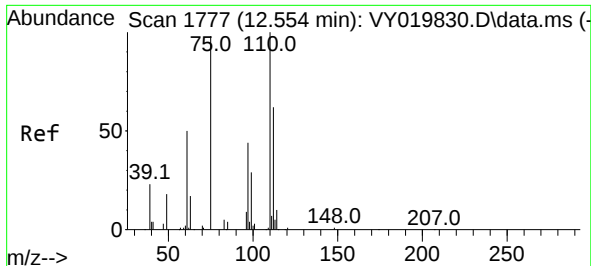
Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 153.3 0.0 345.6

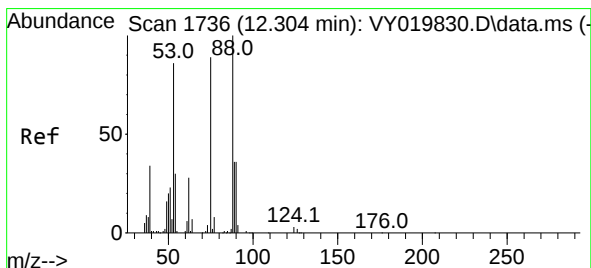
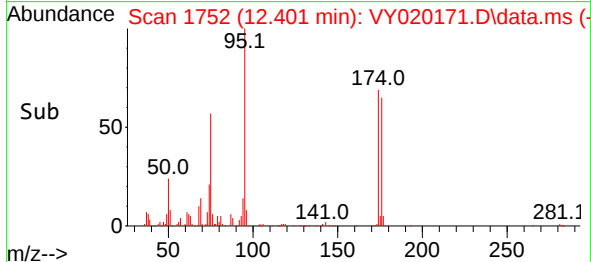
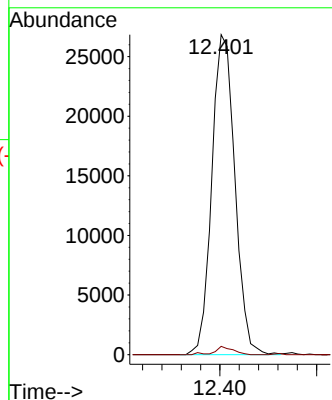
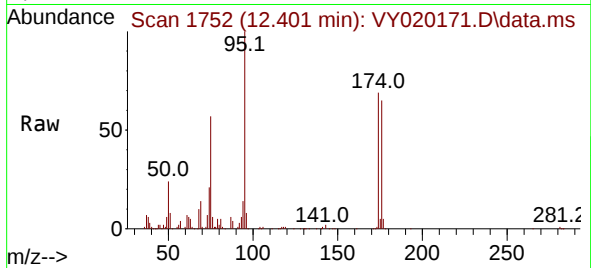




#76
1,2,3-Trichloropropane
Concen: 72.079 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 44509
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 155.040 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

Tgt Ion: 75 Resp: 44509
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

