

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020043.D
 Acq On : 28 Oct 2024 17:05
 Operator : SY/MD
 Sample : P4567-11
 Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

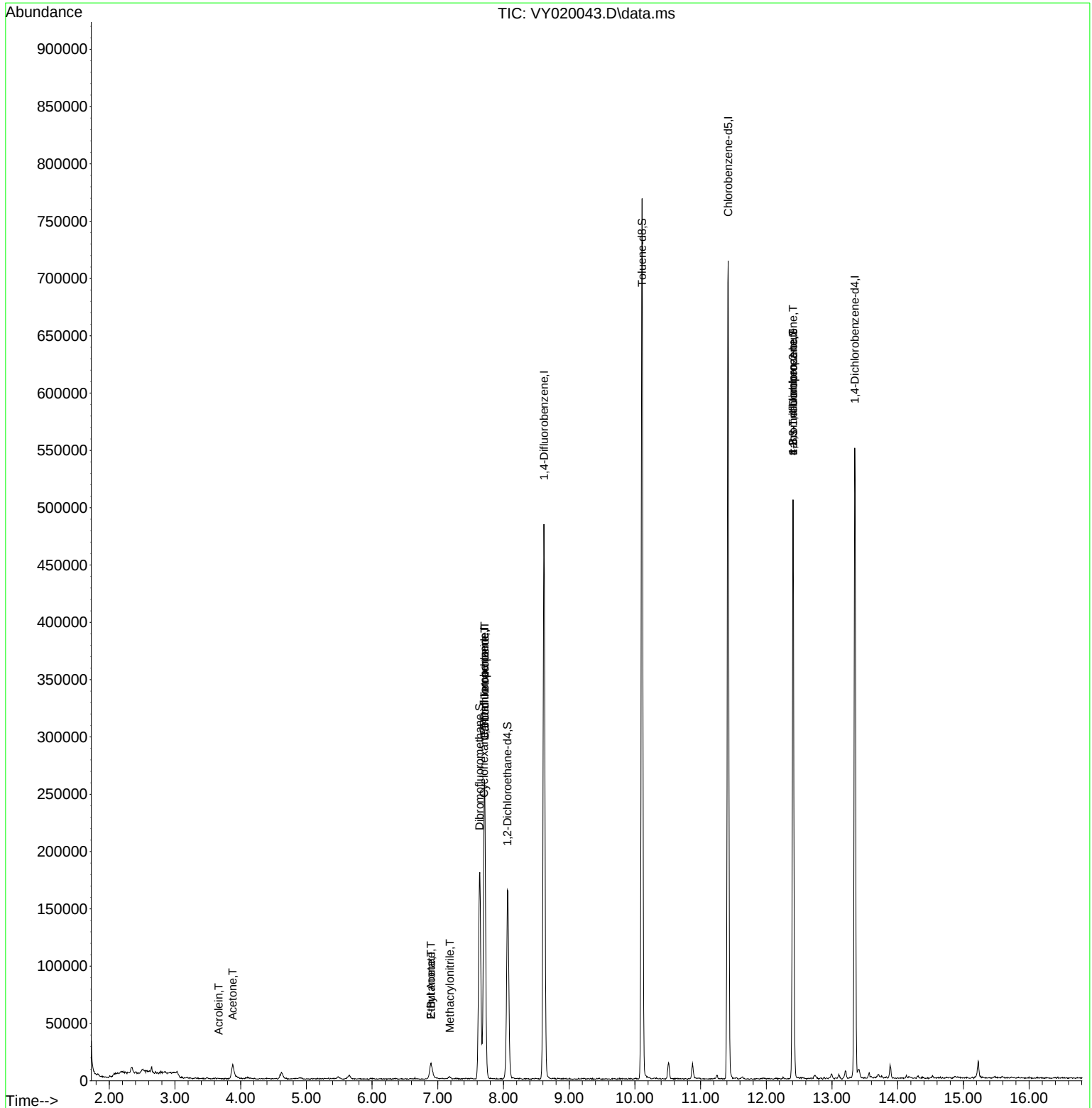
Quant Time: Oct 29 02:00:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	180459	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	378580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	351313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	127086	57.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.380%	
35) Dibromofluoromethane	7.634	113	125289	50.151	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.300%	
50) Toluene-d8	10.109	98	476467	51.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.300%	
62) 4-Bromofluorobenzene	12.407	95	143832	43.148	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	218	Below Cal	#	88
13) Acrolein	3.665	56	490	3.001	ug/l #	54
16) Acetone	3.879	43	22199	38.379	ug/l	93
25) 2-Butanone	6.896	43	7979	10.306	ug/l #	68
31) Cyclohexane	7.701	56	5842	1.574	ug/l #	69
36) 1,1-Dichloropropene	7.713	75	18220	5.062	ug/l #	47
37) Ethyl Acetate	6.896	43	7979	4.252	ug/l #	73
38) Carbon Tetrachloride	7.713	117	20226	5.242	ug/l #	15
41) Methacrylonitrile	7.183	41	1252	1.233	ug/l #	39
76) 1,2,3-Trichloropropane	12.407	75	82832	34.710	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	82832	140.103	ug/l #	16

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

Quant Time: Oct 29 02:00:11 2024
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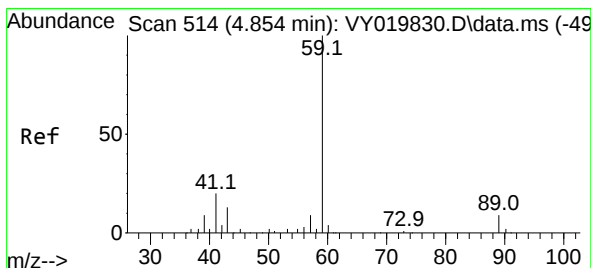
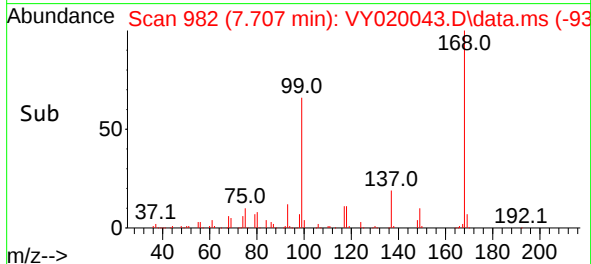
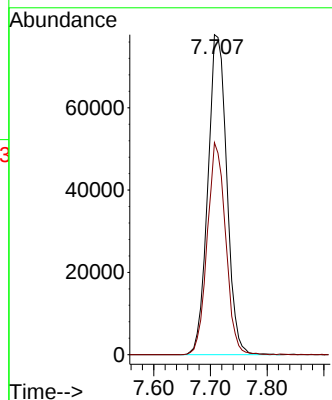
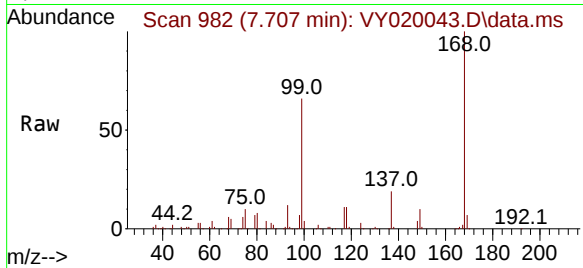




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

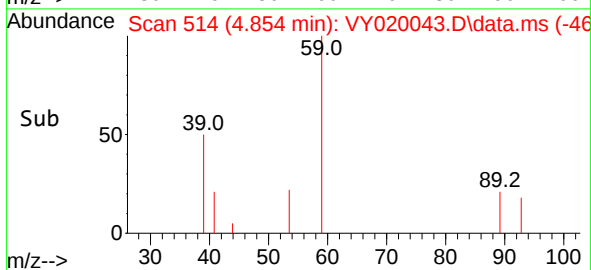
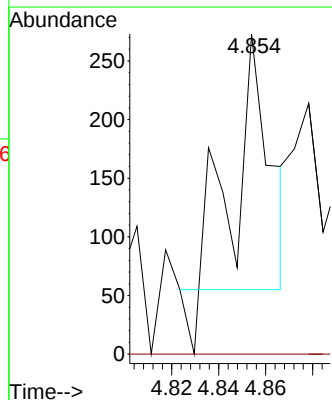
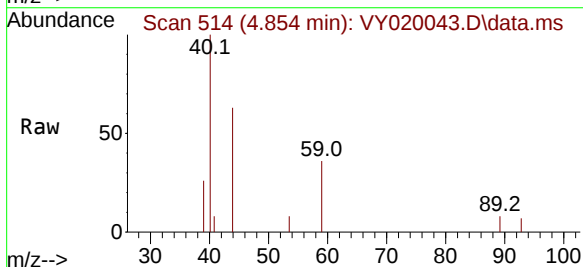
Instrument :
MSVOA_Y
ClientSampleId :

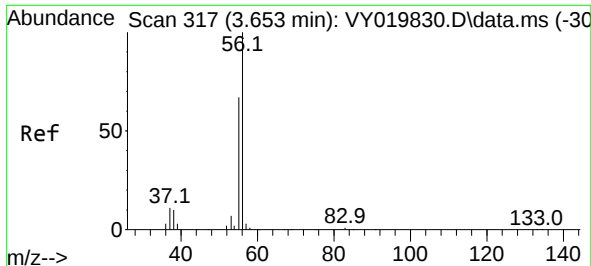
Tgt Ion:168 Resp: 180459
Ion Ratio Lower Upper
168 100
99 66.2 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

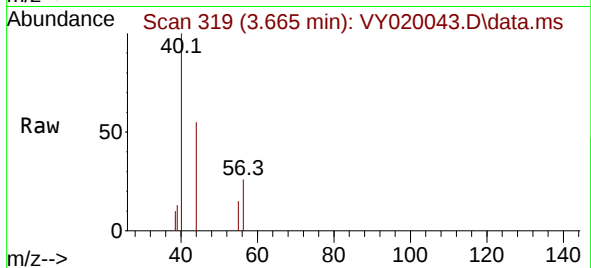
Tgt Ion: 59 Resp: 218
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



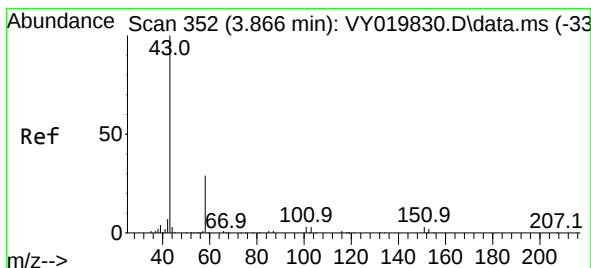
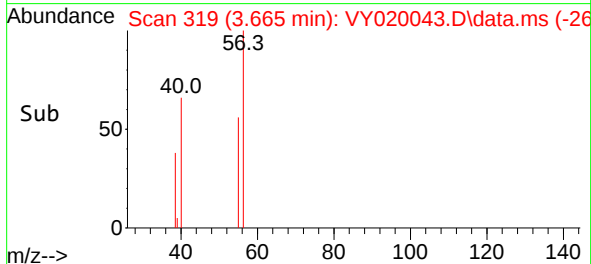
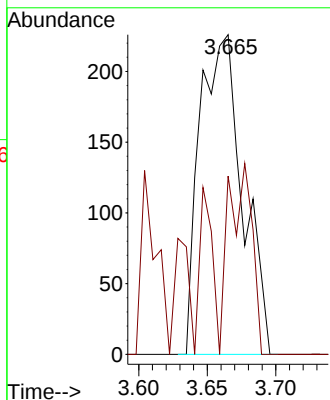


#13
Acrolein
Concen: 3.001 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

Instrument :
MSVOA_Y
ClientSampleId :

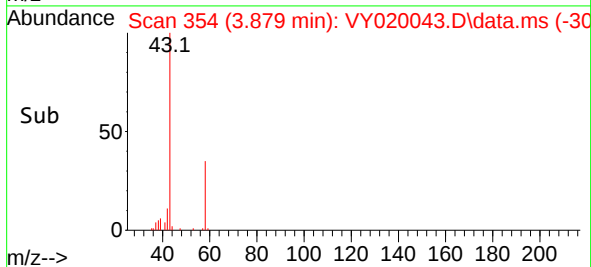
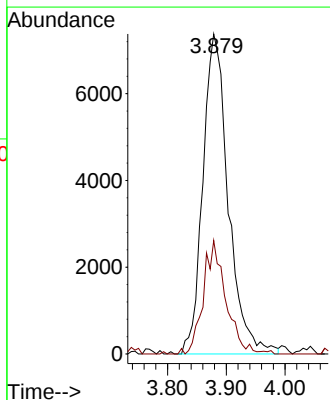
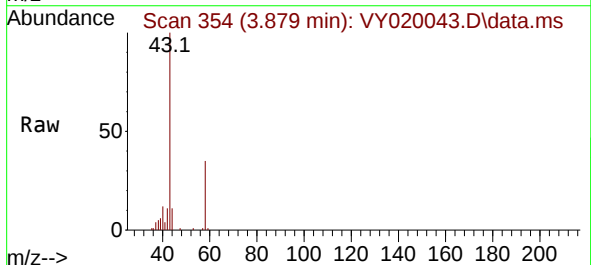


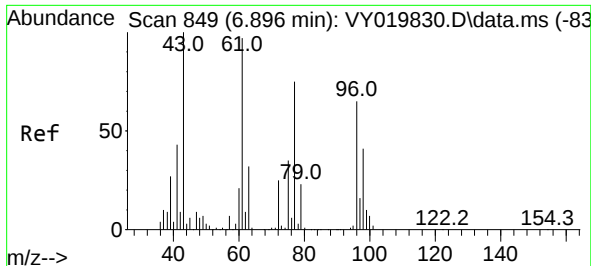
Tgt Ion: 56 Resp: 490
Ion Ratio Lower Upper
56 100
55 32.2 55.7 83.5#



#16
Acetone
Concen: 38.379 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 43 Resp: 22199
Ion Ratio Lower Upper
43 100
58 35.4 31.7 47.5

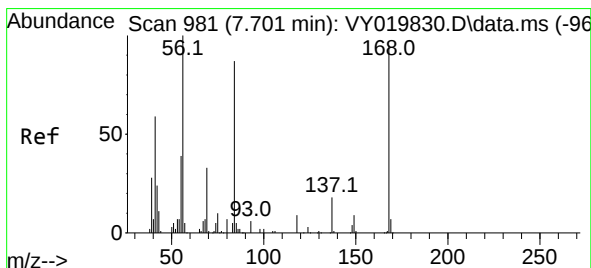
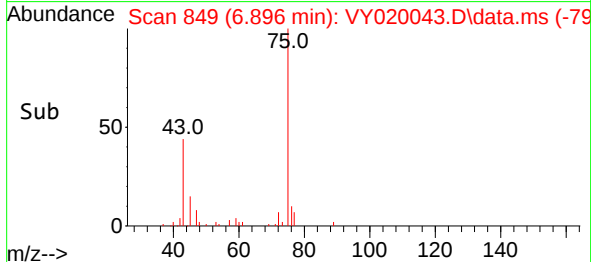
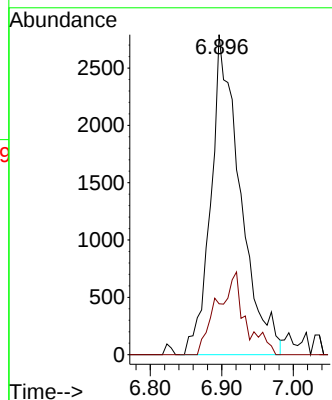
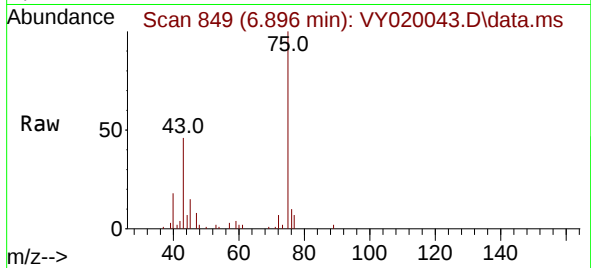




#25
2-Butanone
Concen: 10.306 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

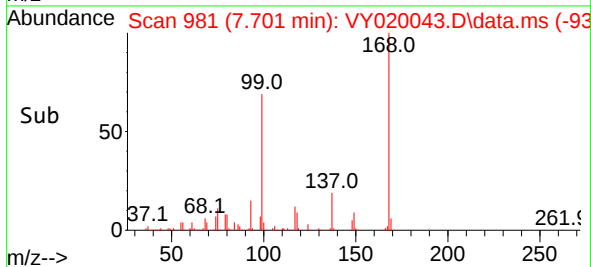
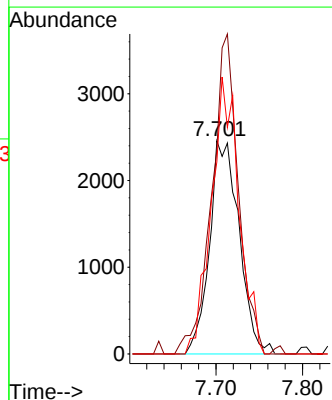
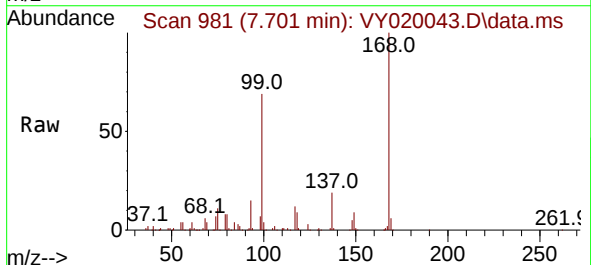
Instrument :
MSVOA_Y
ClientSampleId :

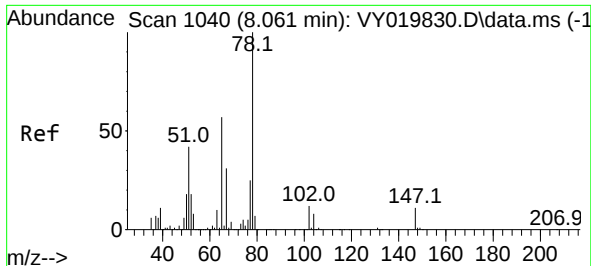
Tgt Ion: 43 Resp: 7979
Ion Ratio Lower Upper
43 100
72 15.9 27.3 40.9#



#31
Cyclohexane
Concen: 1.574 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 56 Resp: 5842
Ion Ratio Lower Upper
56 100
69 91.7 28.7 43.1#
84 90.1 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 57.195 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020043.D

Acq: 28 Oct 2024 17:05

Instrument :

MSVOA_Y

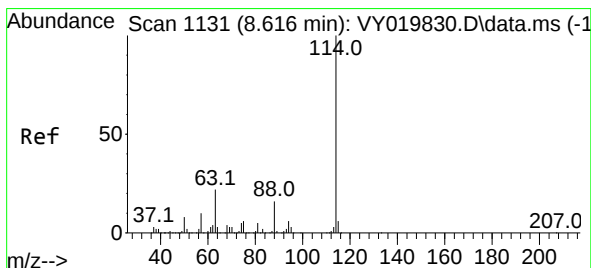
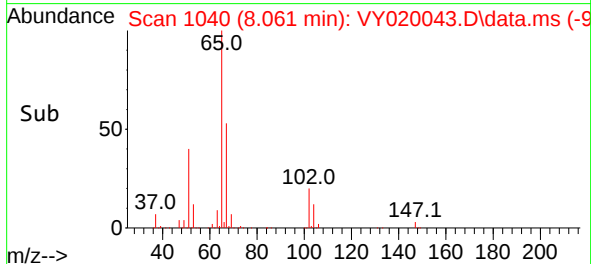
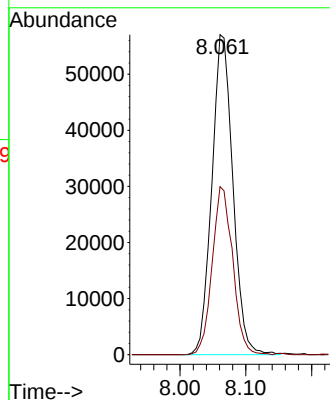
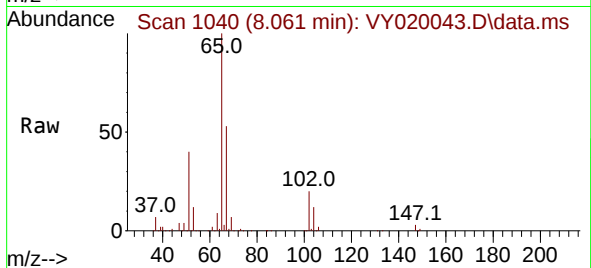
ClientSampleId :

Tgt Ion: 65 Resp: 127086

Ion Ratio Lower Upper

65 100

67 51.1 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: VY020043.D

Acq: 28 Oct 2024 17:05

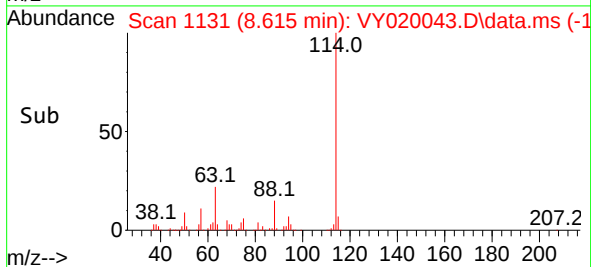
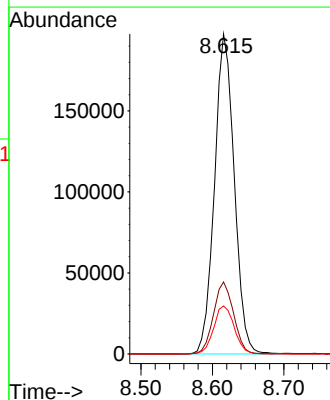
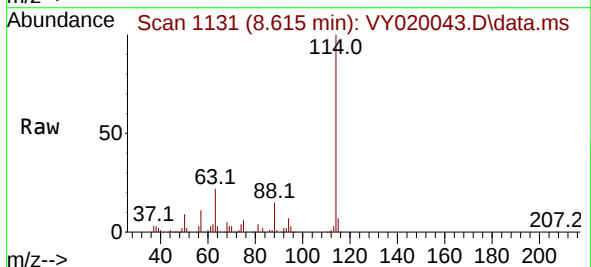
Tgt Ion: 114 Resp: 378580

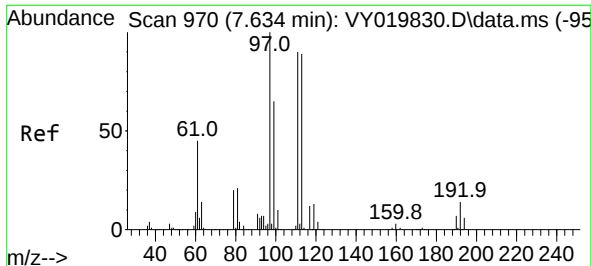
Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.0

88 15.0 0.0 27.2

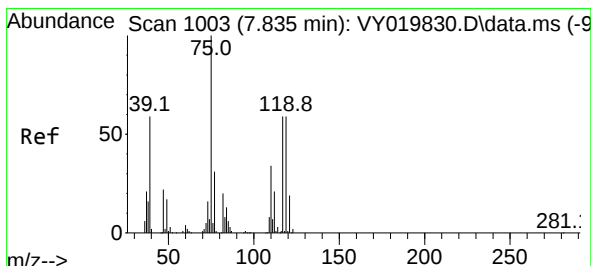
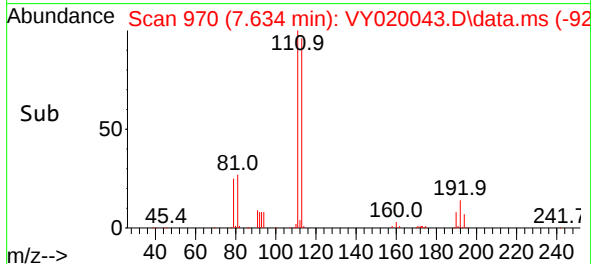
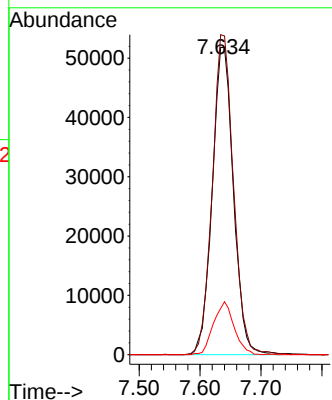
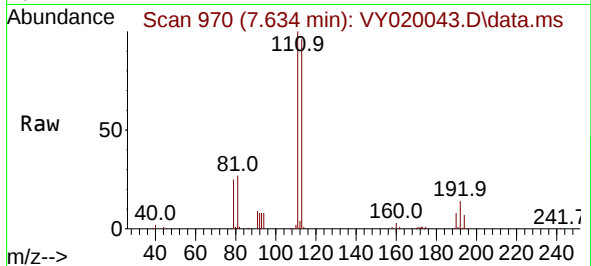




#35
Dibromofluoromethane
Concen: 50.151 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

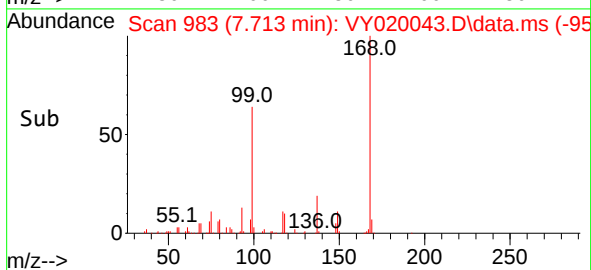
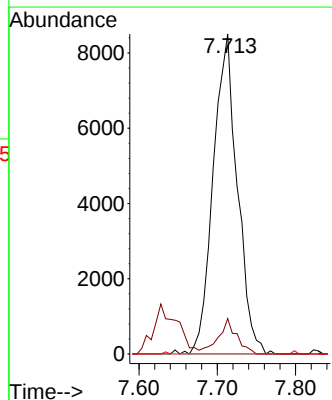
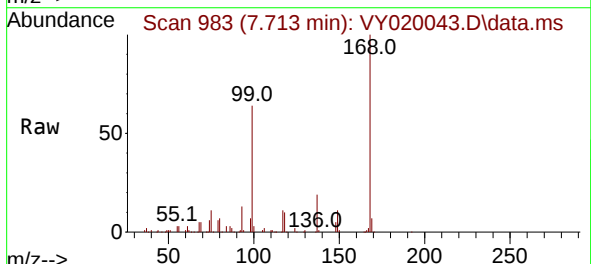
Instrument :
MSVOA_Y
ClientSampleId :

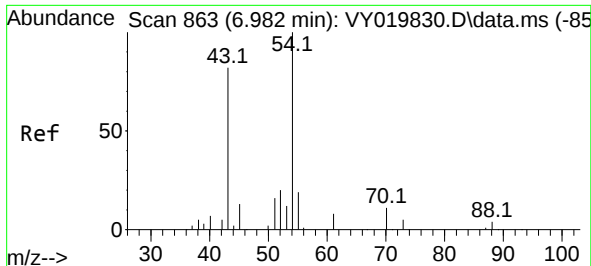
Tgt Ion:113 Resp: 125289
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 16.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.062 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 75 Resp: 18220
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 4.252 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.085 min

Lab File: VY020043.D

Acq: 28 Oct 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

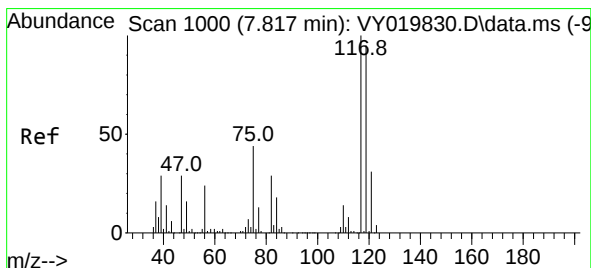
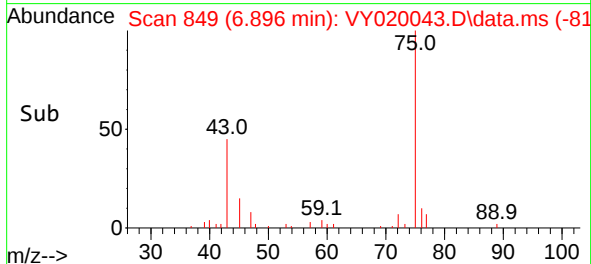
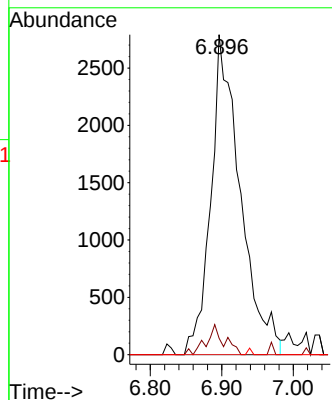
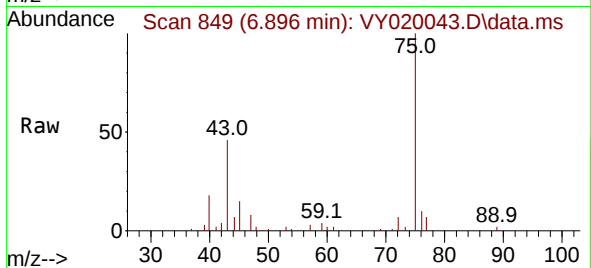
Tgt Ion: 43 Resp: 7979

Ion Ratio Lower Upper

43 100

61 4.3 12.6 19.0#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 5.242 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020043.D

Acq: 28 Oct 2024 17:05

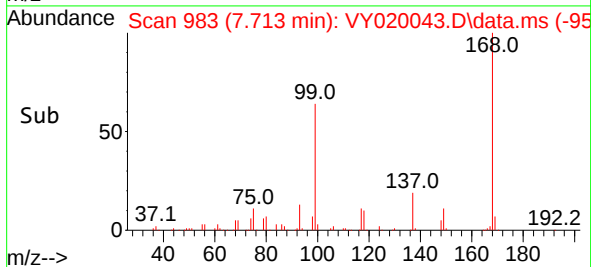
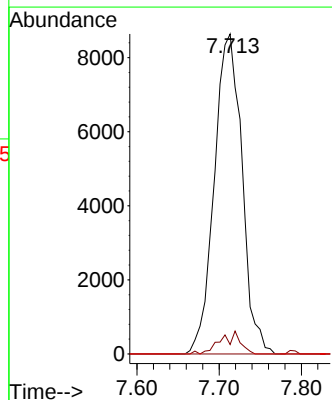
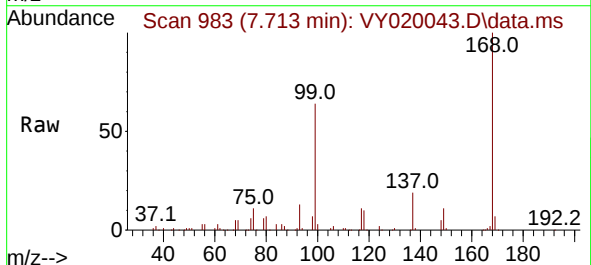
Tgt Ion: 117 Resp: 20226

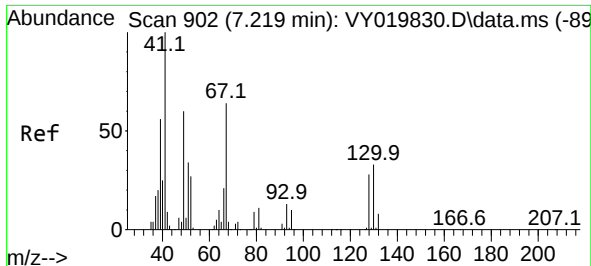
Ion Ratio Lower Upper

117 100

119 3.0 75.8 113.6#

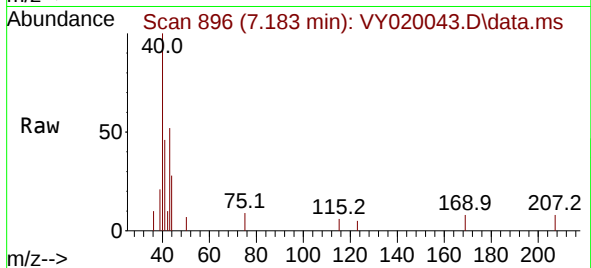
121 0.0 24.0 36.0#



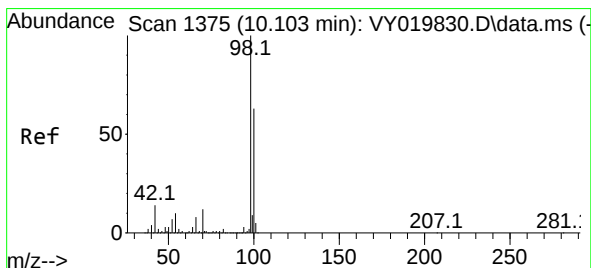
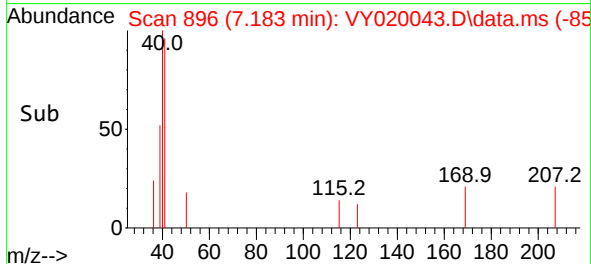
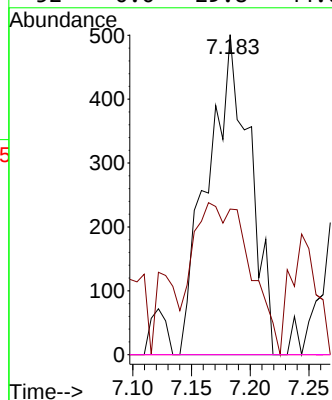


#41
Methacrylonitrile
Concen: 1.233 ug/l
RT: 7.183 min Scan# 896
Delta R.T. -0.036 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

Instrument :
MSVOA_Y
ClientSampleId :

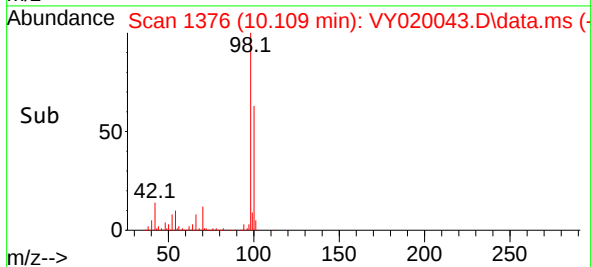
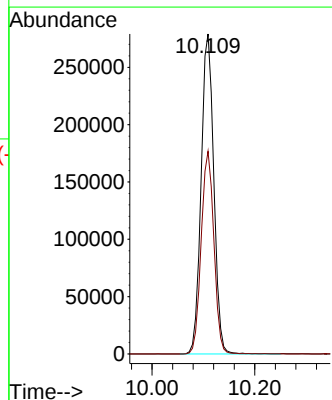
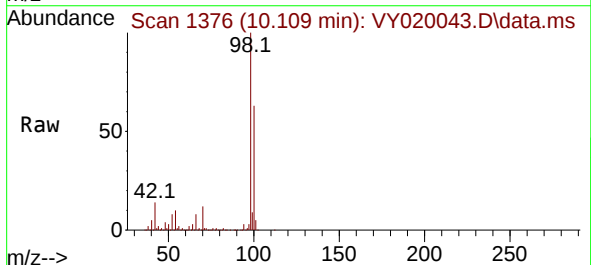


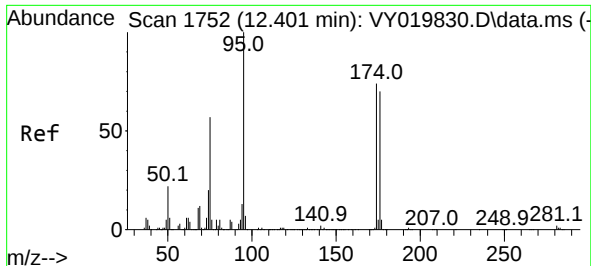
Tgt Ion: 41 Resp: 1252
Ion Ratio Lower Upper
41 100
39 63.7 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#50
Toluene-d8
Concen: 51.646 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 98 Resp: 476467
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 43.148 ug/l

RT: 12.407 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020043.D

Acq: 28 Oct 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

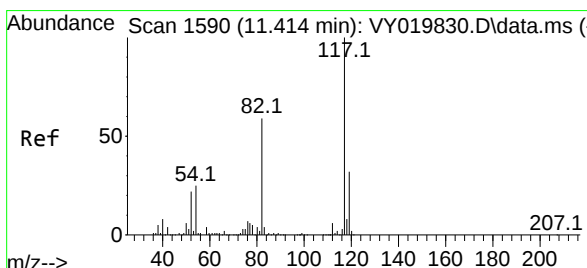
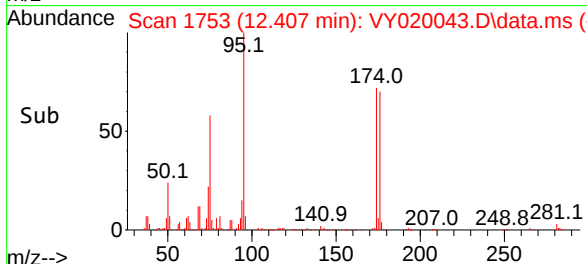
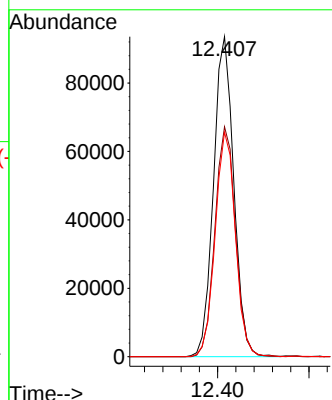
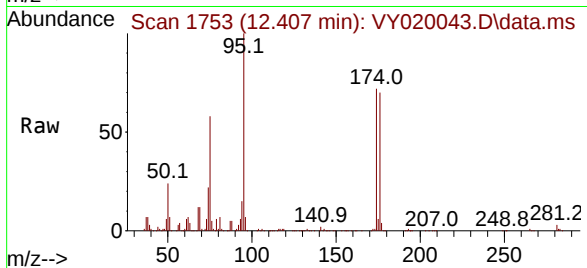
Tgt Ion: 95 Resp: 143832

Ion Ratio Lower Upper

95 100

174 73.1 0.0 175.6

176 70.2 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020043.D

Acq: 28 Oct 2024 17:05

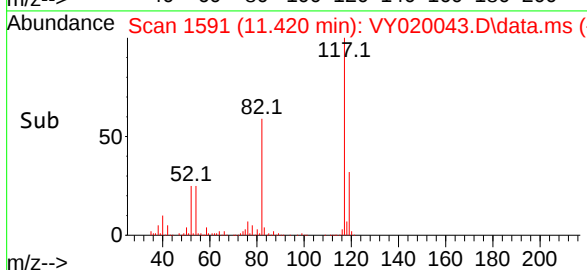
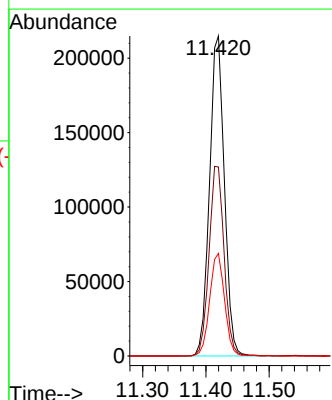
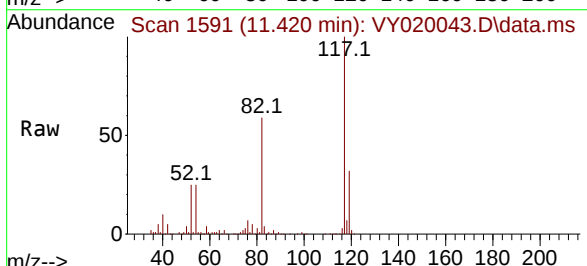
Tgt Ion: 117 Resp: 351313

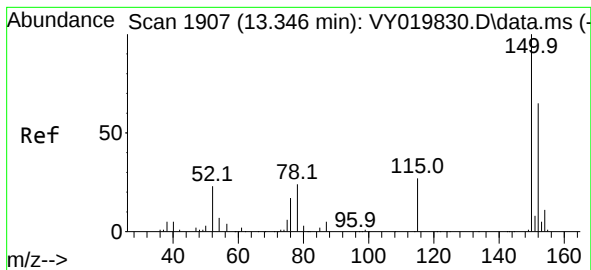
Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

119 32.0 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: VY020043.D

Acq: 28 Oct 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

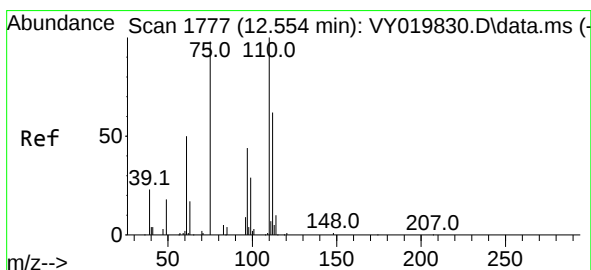
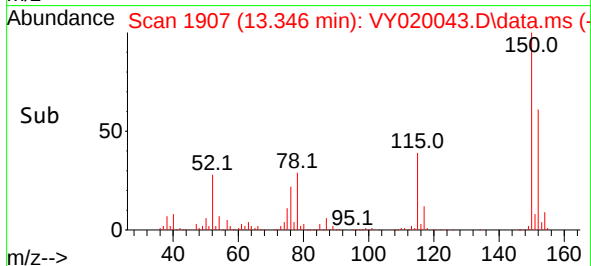
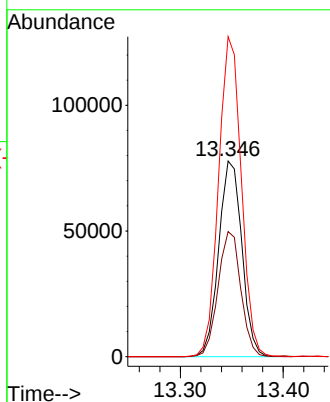
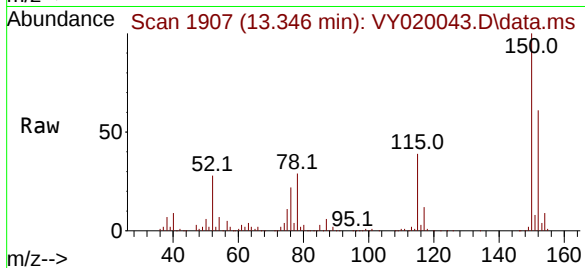
Tgt Ion:152 Resp: 121818

Ion Ratio Lower Upper

152 100

115 62.9 28.2 84.7

150 160.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 34.710 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020043.D

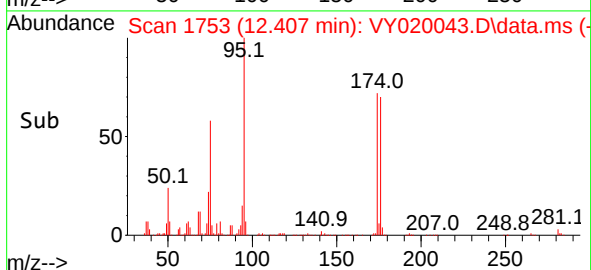
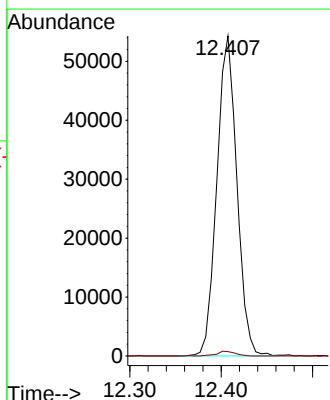
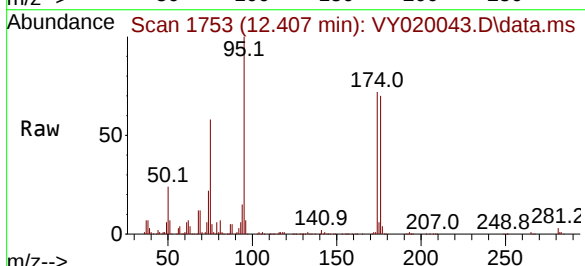
Acq: 28 Oct 2024 17:05

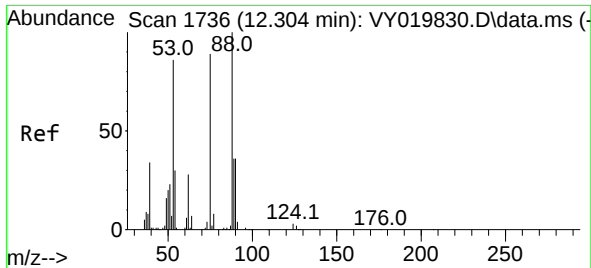
Tgt Ion: 75 Resp: 82832

Ion Ratio Lower Upper

75 100

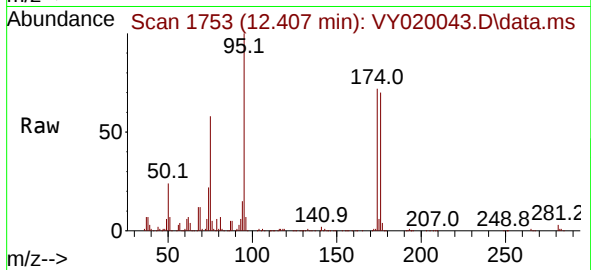
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 140.103 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 82832
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

