

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020125.D
 Acq On : 01 Nov 2024 17:30
 Operator : SY/MD
 Sample : P4643-03
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 04 00:50:26 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)

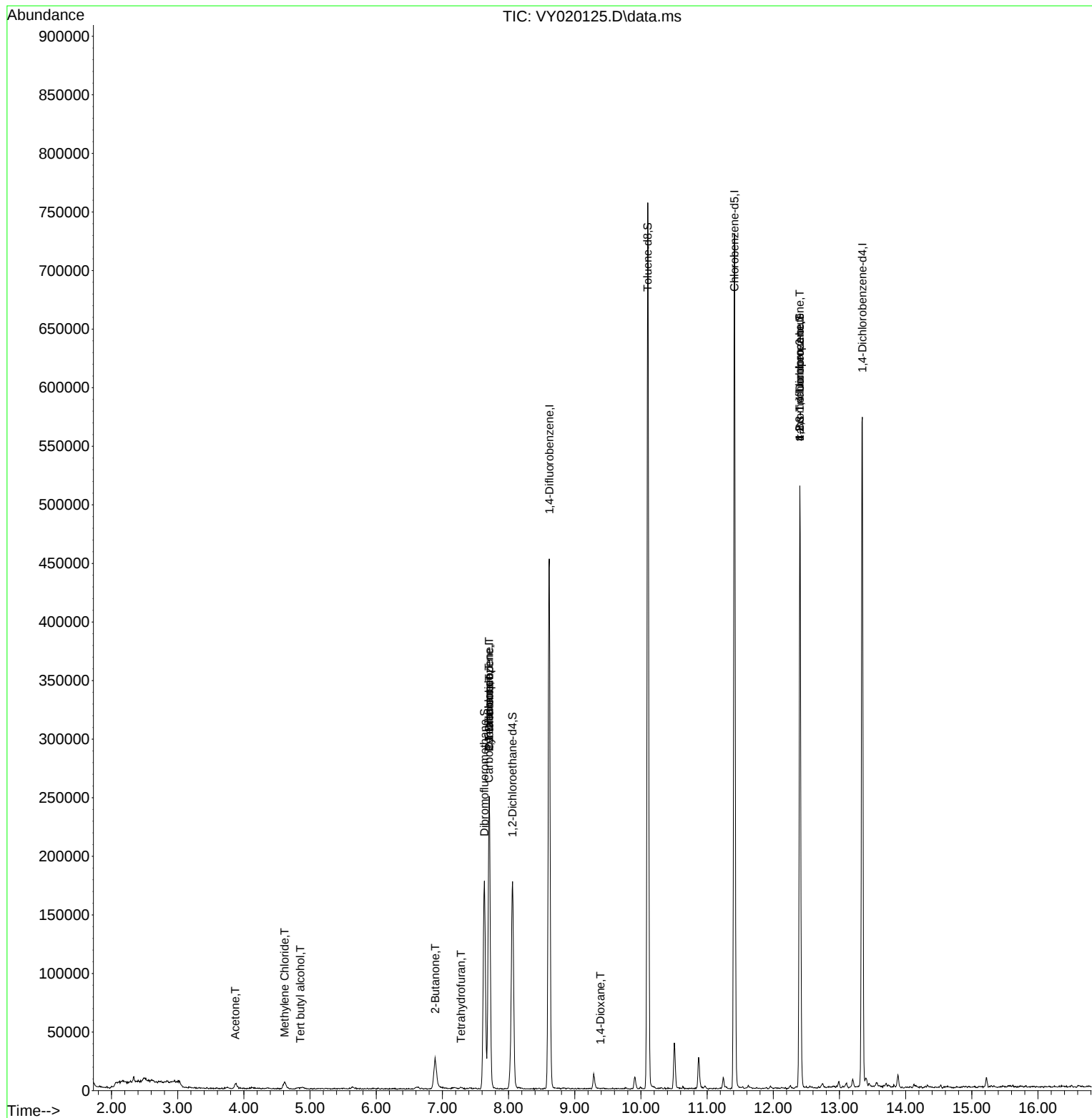
Internal Standards						
1) Pentafluorobenzene	7.707	168	167665	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	361274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	340841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	131017	62.611	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.220%	
35) Dibromofluoromethane	7.634	113	123639	53.827	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.660%	
50) Toluene-d8	10.103	98	454836	49.747	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	12.401	95	143131	48.196	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	201	1.335	ug/l	# 47
16) Acetone	3.872	43	8448	17.360	ug/l	# 70
20) Methylene Chloride	4.616	84	3675	1.681	ug/l	# 82
25) 2-Butanone	6.890	43	3350	5.078	ug/l	# 88
29) Tetrahydrofuran	7.280	42	1438	3.777	ug/l	# 32
31) Cyclohexane	7.707	56	5426	1.429	ug/l	# 32
36) 1,1-Dichloropropene	7.707	75	17688	4.985	ug/l	# 48
38) Carbon Tetrachloride	7.701	117	19567	5.484	ug/l	# 15
49) 1,4-Dioxane	9.389	88	19	1.375	ug/l	# 20
76) 1,2,3-Trichloropropane	12.401	75	84734	69.362	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	84734	149.195	ug/l	# 16

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

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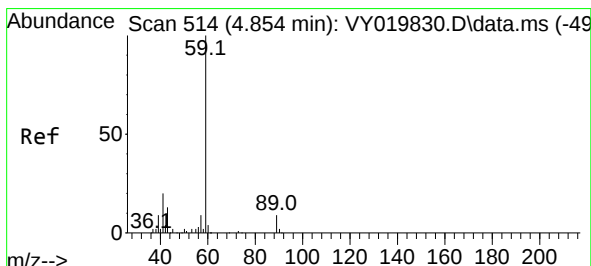
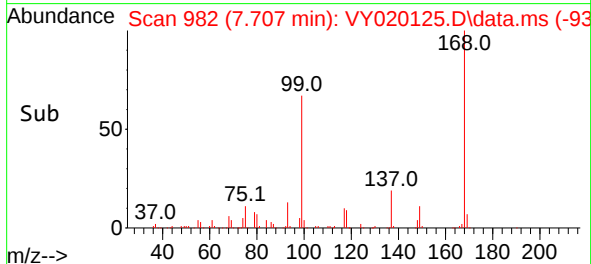
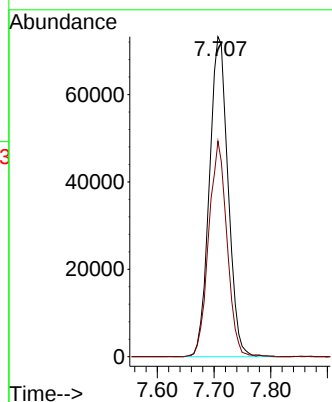
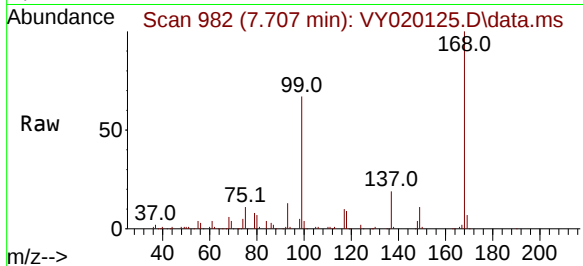




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

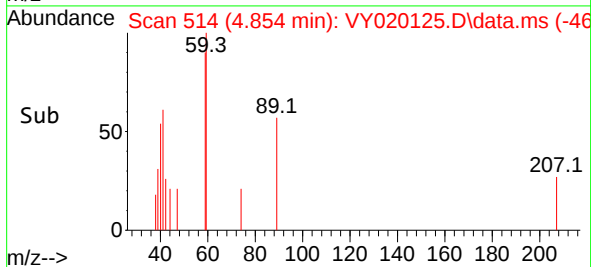
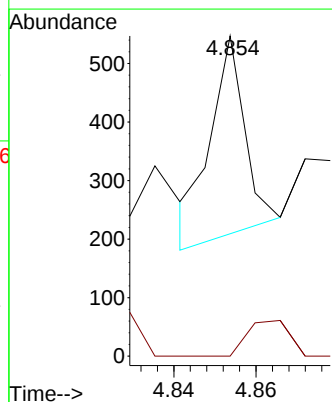
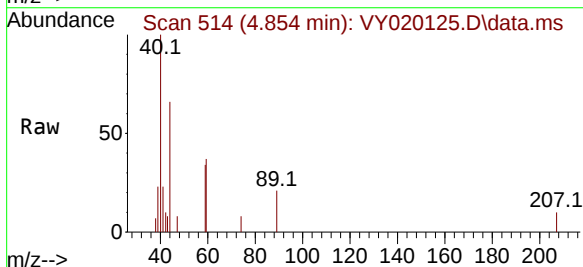
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 167665
Ion Ratio Lower Upper
168 100
99 67.4 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.335 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

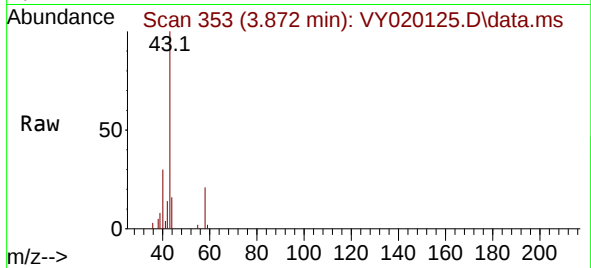
Tgt Ion: 59 Resp: 201
Ion Ratio Lower Upper
59 100
57 21.4 3.0 4.6#



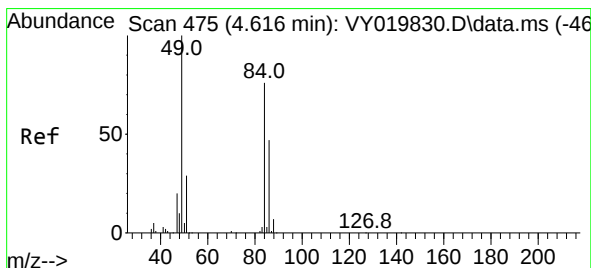
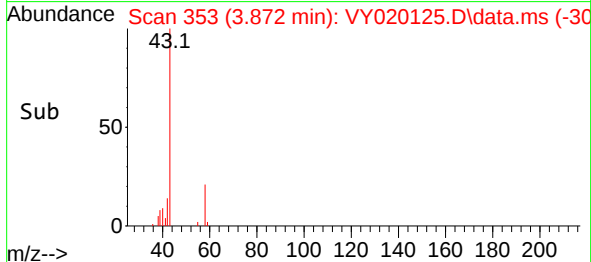
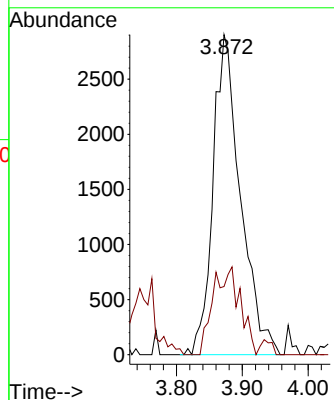


#16
Acetone
Concen: 17.360 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

Instrument :
MSVOA_Y
ClientSampleId :

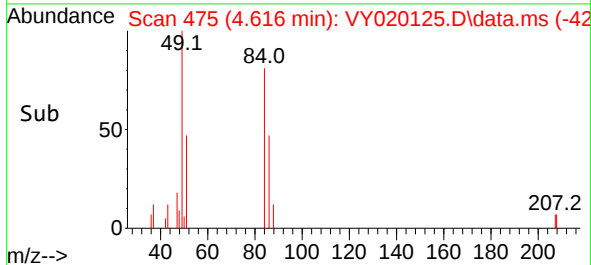
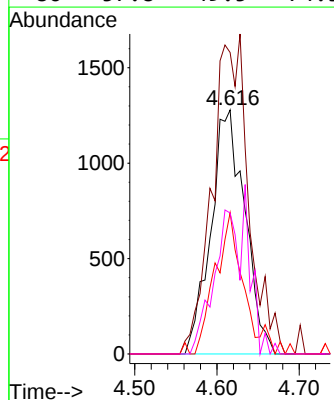
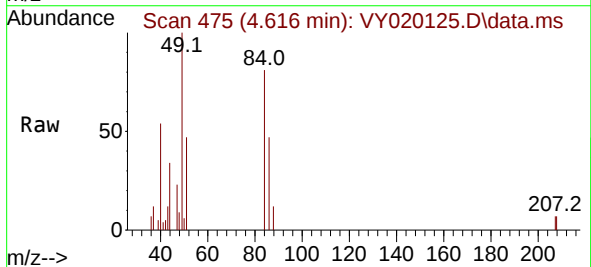


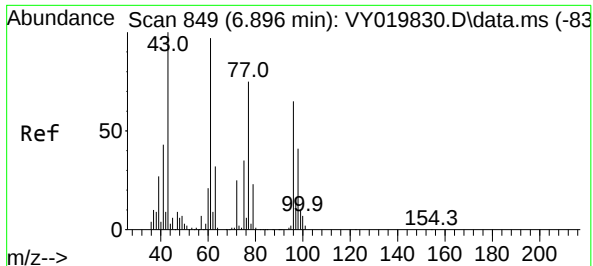
Tgt Ion: 43 Resp: 8448
Ion Ratio Lower Upper
43 100
58 21.3 31.7 47.5#



#20
Methylene Chloride
Concen: 1.681 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

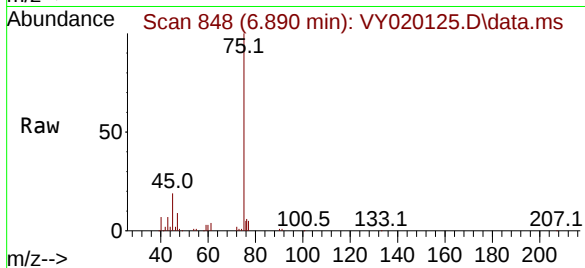
Tgt Ion: 84 Resp: 3675
Ion Ratio Lower Upper
84 100
49 123.5 84.4 126.6
51 57.9 26.0 39.0#
86 57.8 49.5 74.3



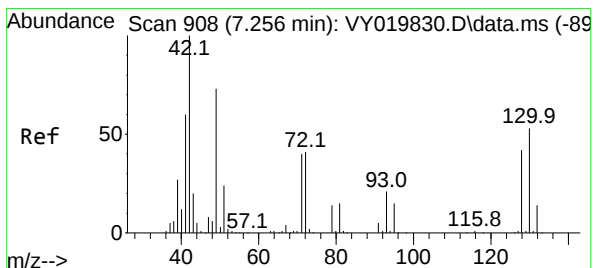
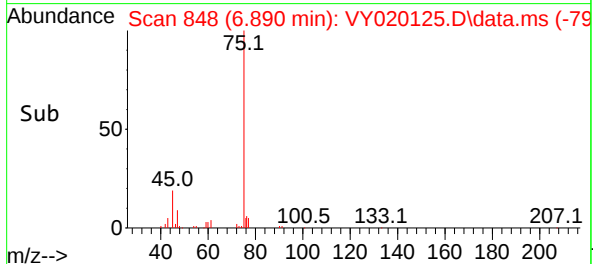
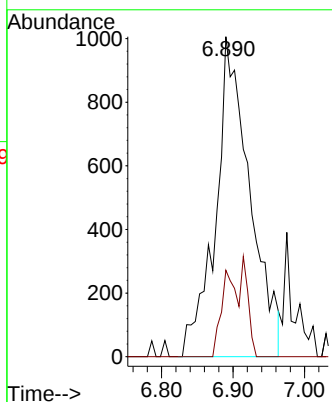


#25
2-Butanone
Concen: 5.078 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

Instrument :
MSVOA_Y
ClientSampleId :

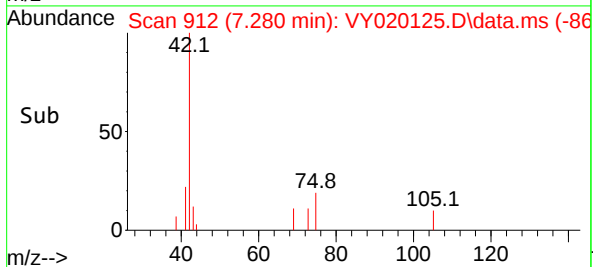
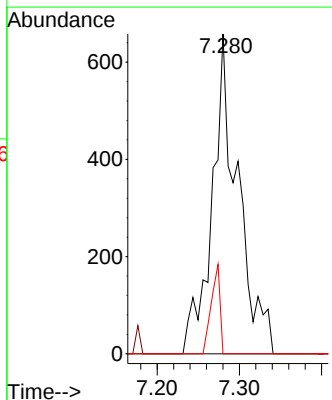
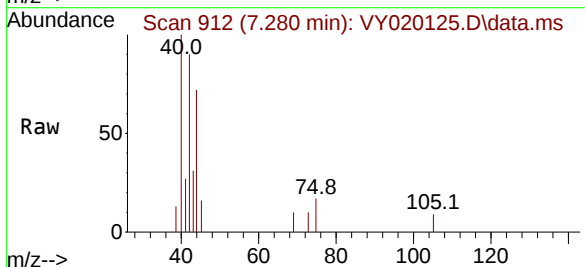


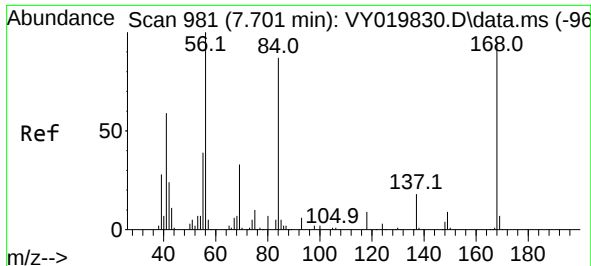
Tgt Ion: 43 Resp: 3350
Ion Ratio Lower Upper
43 100
72 27.0 27.3 40.9#



#29
Tetrahydrofuran
Concen: 3.777 ug/l
RT: 7.280 min Scan# 912
Delta R.T. 0.018 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

Tgt Ion: 42 Resp: 1438
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 9.5 40.8 61.2#

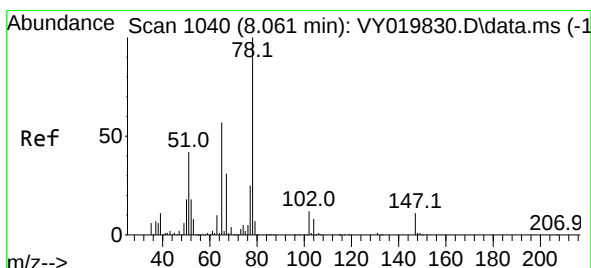
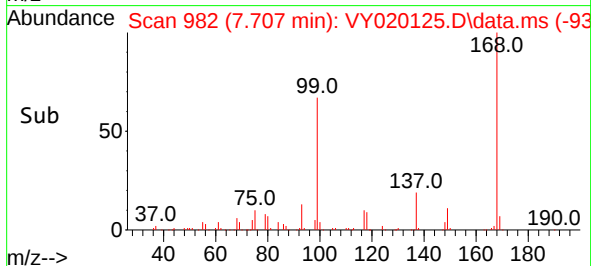
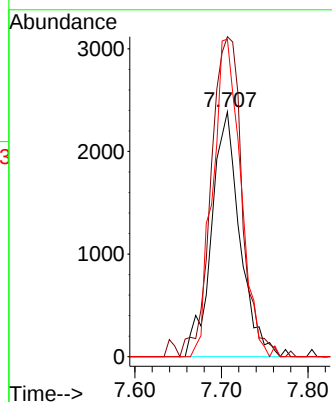
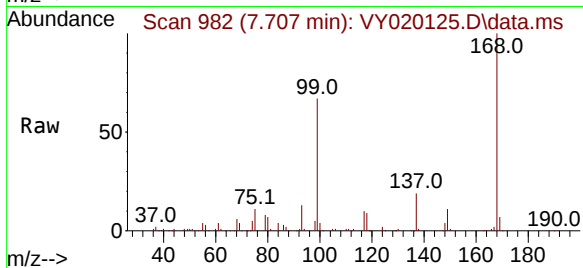




#31
Cyclohexane
Concen: 1.429 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

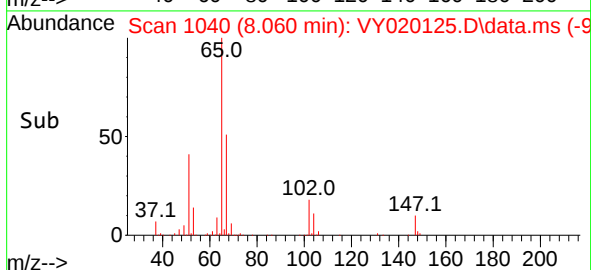
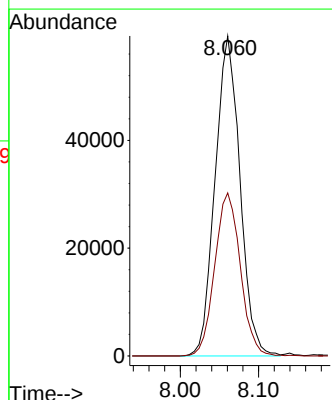
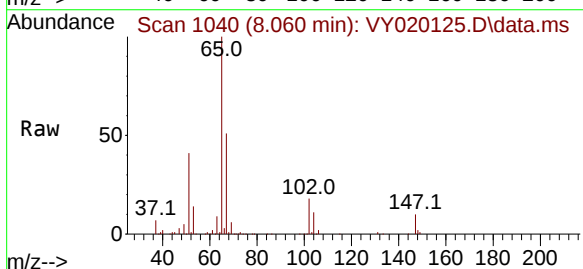
Instrument :
MSVOA_Y
ClientSampleId :

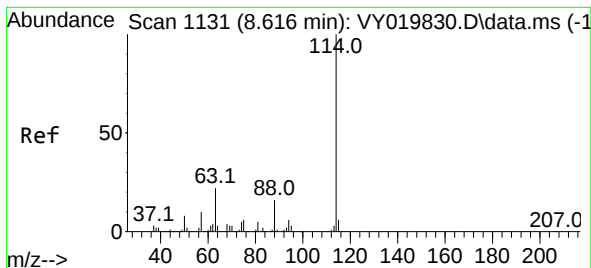
Tgt Ion: 56 Resp: 5426
Ion Ratio Lower Upper
56 100
69 130.7 28.7 43.1#
84 129.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 62.611 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

Tgt Ion: 65 Resp: 131017
Ion Ratio Lower Upper
65 100
67 52.4 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: VY020125.D

Acq: 01 Nov 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

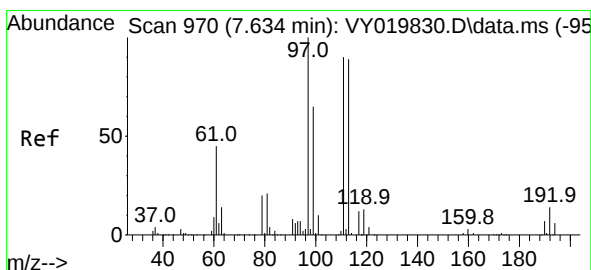
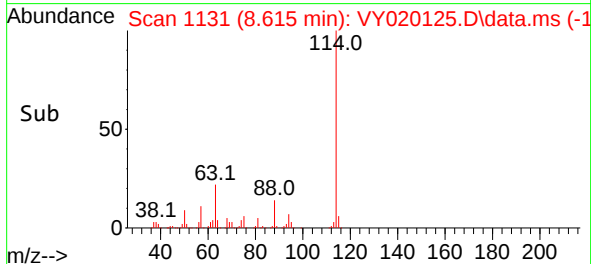
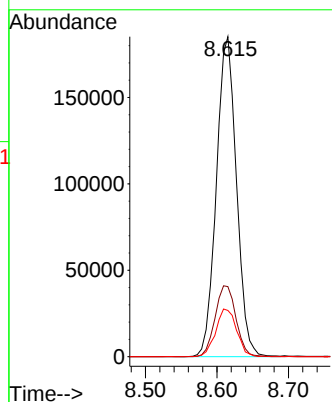
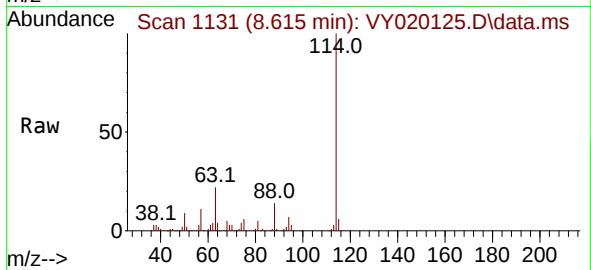
Tgt Ion:114 Resp: 361274

Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.827 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY020125.D

Acq: 01 Nov 2024 17:30

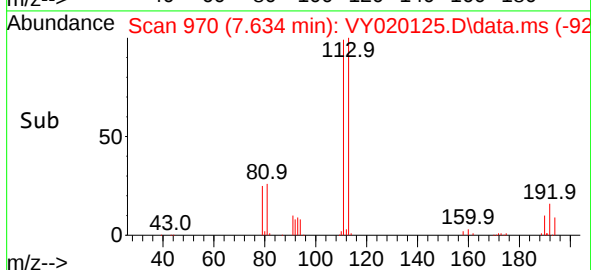
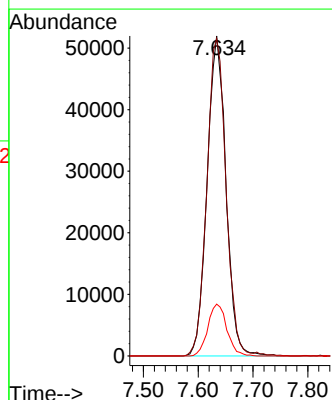
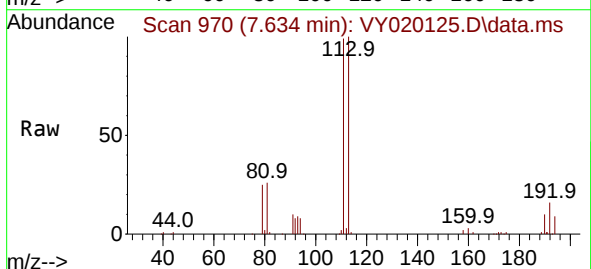
Tgt Ion:113 Resp: 123639

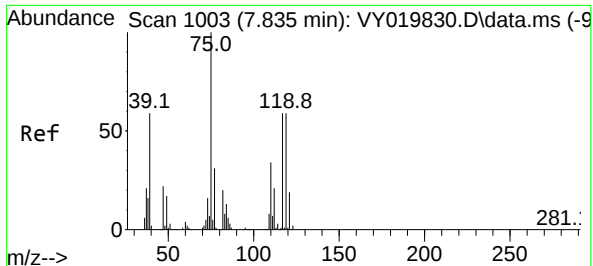
Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.4

192 16.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.985 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY020125.D

Acq: 01 Nov 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

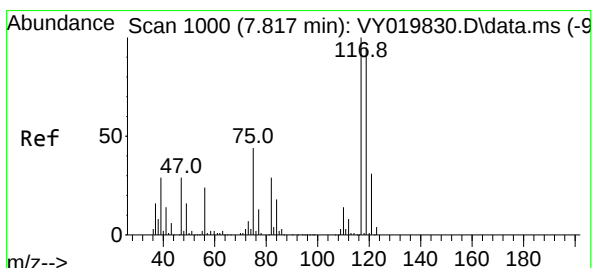
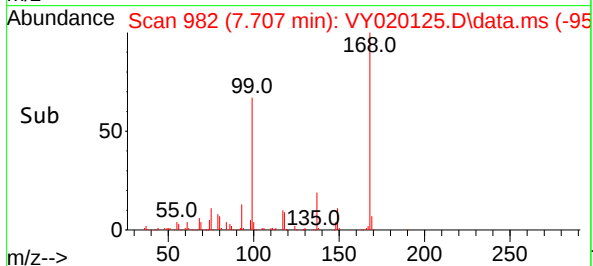
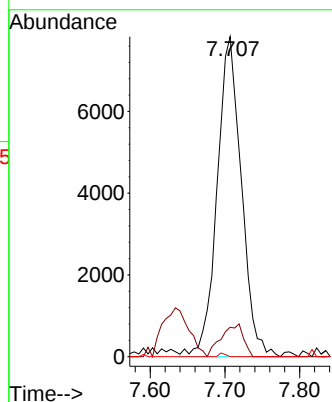
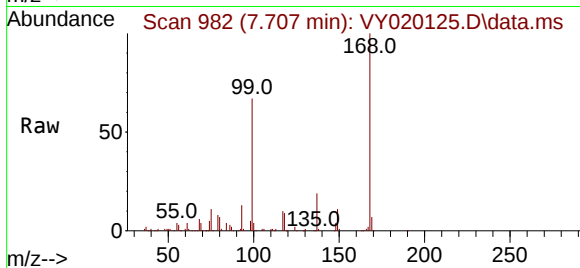
Tgt Ion: 75 Resp: 17688

Ion Ratio Lower Upper

75 100

110 9.3 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.484 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY020125.D

Acq: 01 Nov 2024 17:30

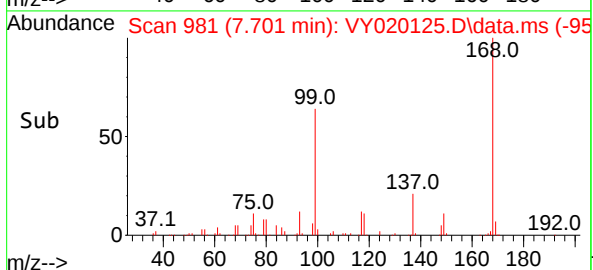
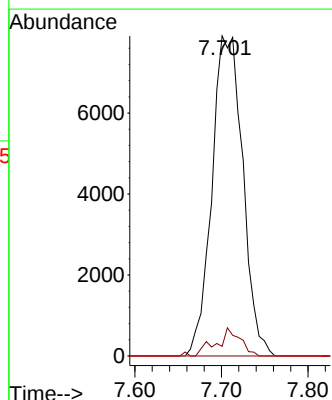
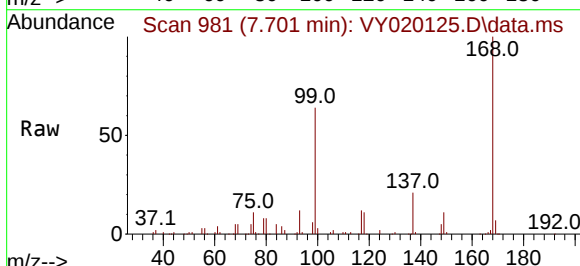
Tgt Ion: 117 Resp: 19567

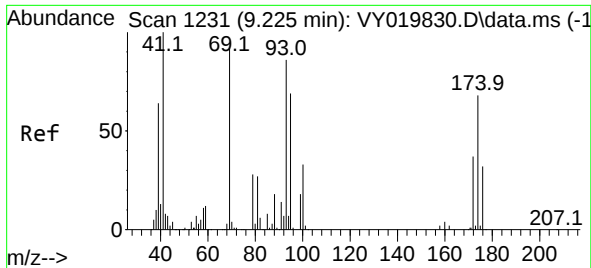
Ion Ratio Lower Upper

117 100

119 3.0 75.8 113.6#

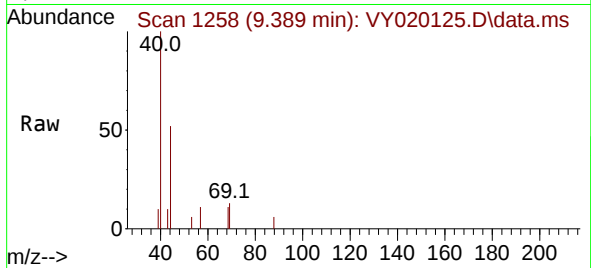
121 0.0 24.0 36.0#



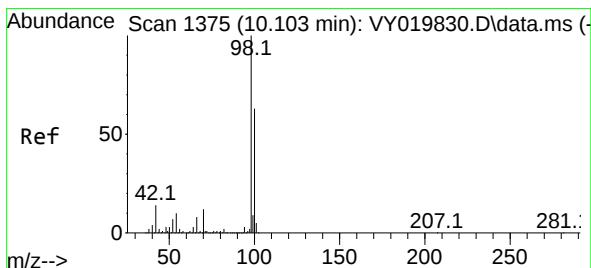
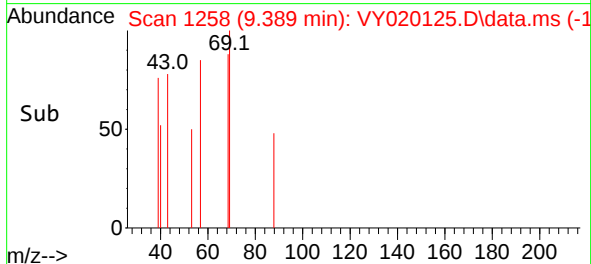
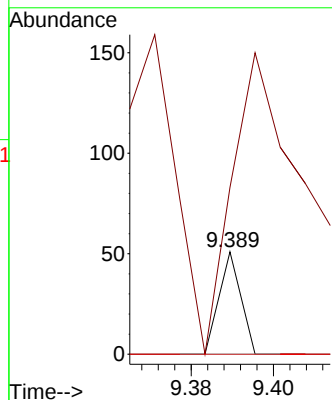


#49
1,4-Dioxane
Concen: 1.375 ug/l
RT: 9.389 min Scan# 1258
Delta R.T. 0.158 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

Instrument :
MSVOA_Y
ClientSampleId :

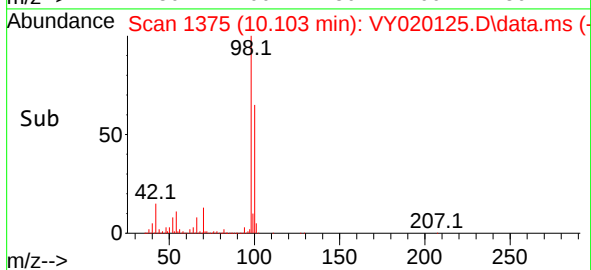
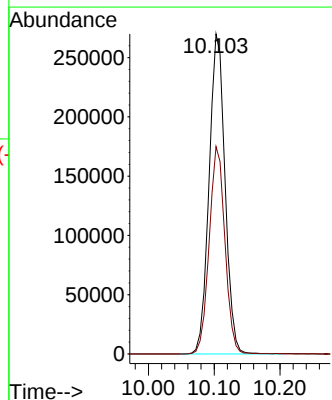
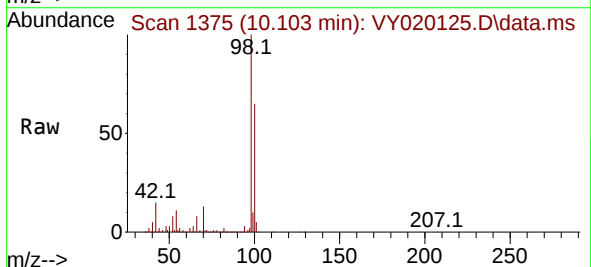


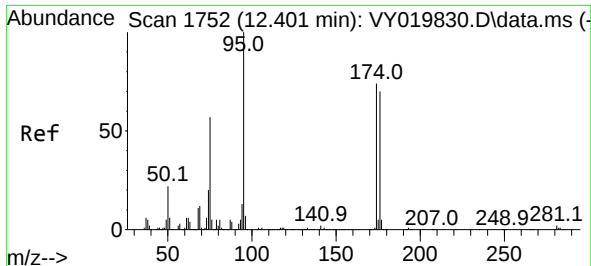
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 49.747 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

Tgt Ion: 98 Resp: 454836
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

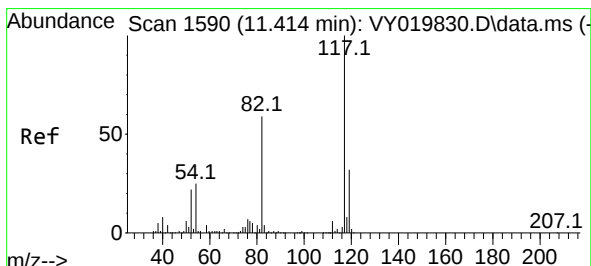
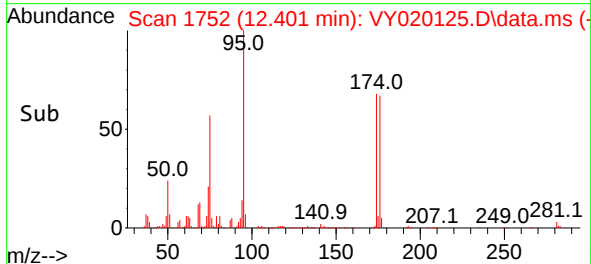
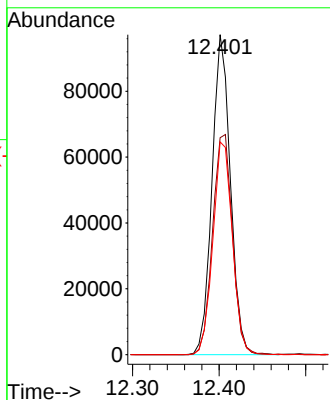
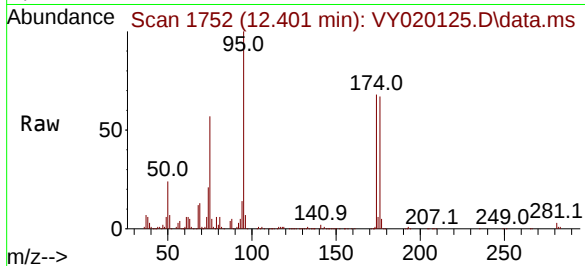




#62
4-Bromofluorobenzene
Concen: 48.196 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

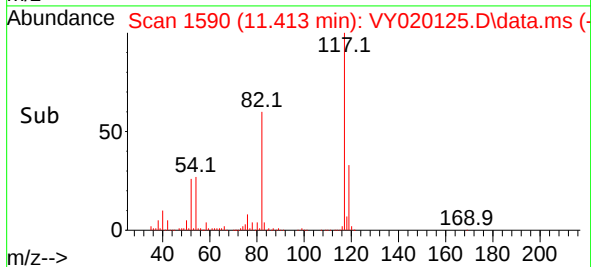
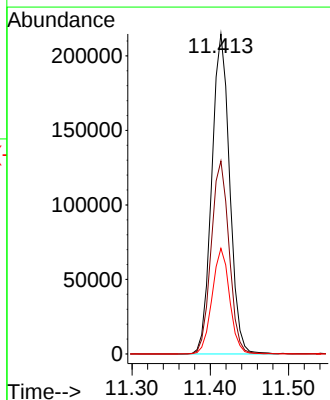
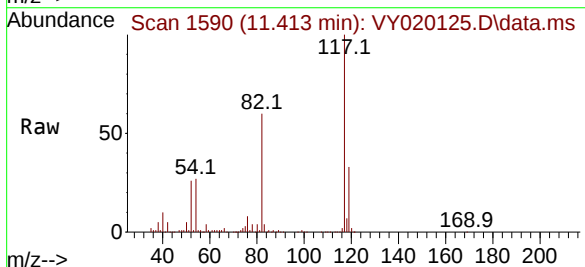
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MSVOA_Y
ClientSampleId :

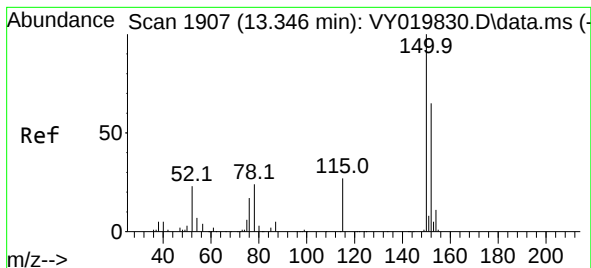
Tgt Ion: 95 Resp: 143131
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 70.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

Tgt Ion: 117 Resp: 340841
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 33.0 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: VY020125.D

Acq: 01 Nov 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

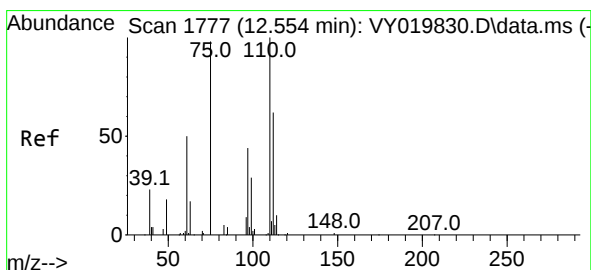
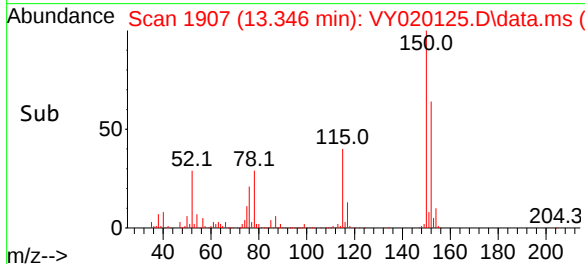
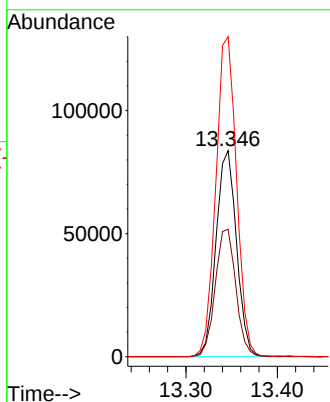
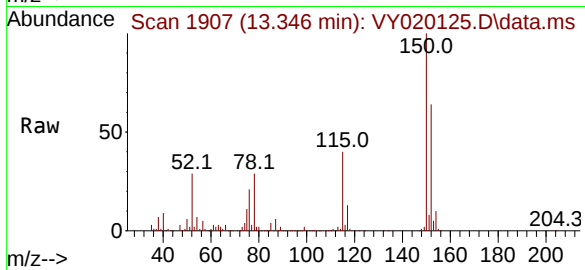
Tgt Ion:152 Resp: 130321

Ion Ratio Lower Upper

152 100

115 62.5 28.2 84.7

150 157.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 69.362 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.159 min

Lab File: VY020125.D

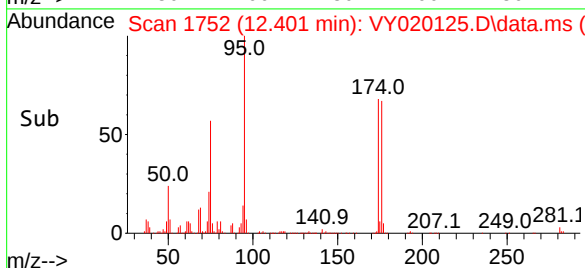
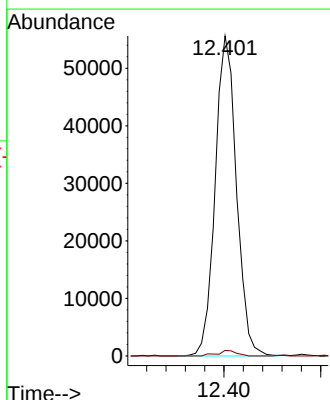
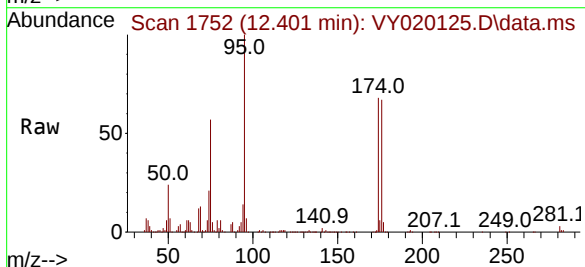
Acq: 01 Nov 2024 17:30

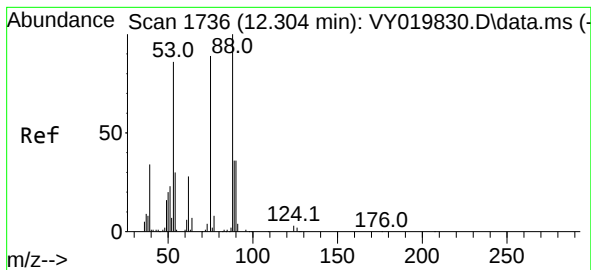
Tgt Ion: 75 Resp: 84734

Ion Ratio Lower Upper

75 100

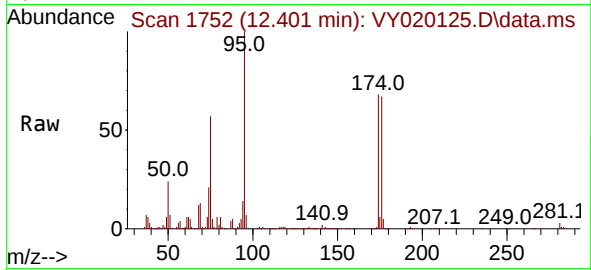
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 149.195 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 84734
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

