

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
 Data File : VY020025.D
 Acq On : 25 Oct 2024 14:36
 Operator : SY/MD
 Sample : P4547-03
 Misc : 5.94g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 00:22:23 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)

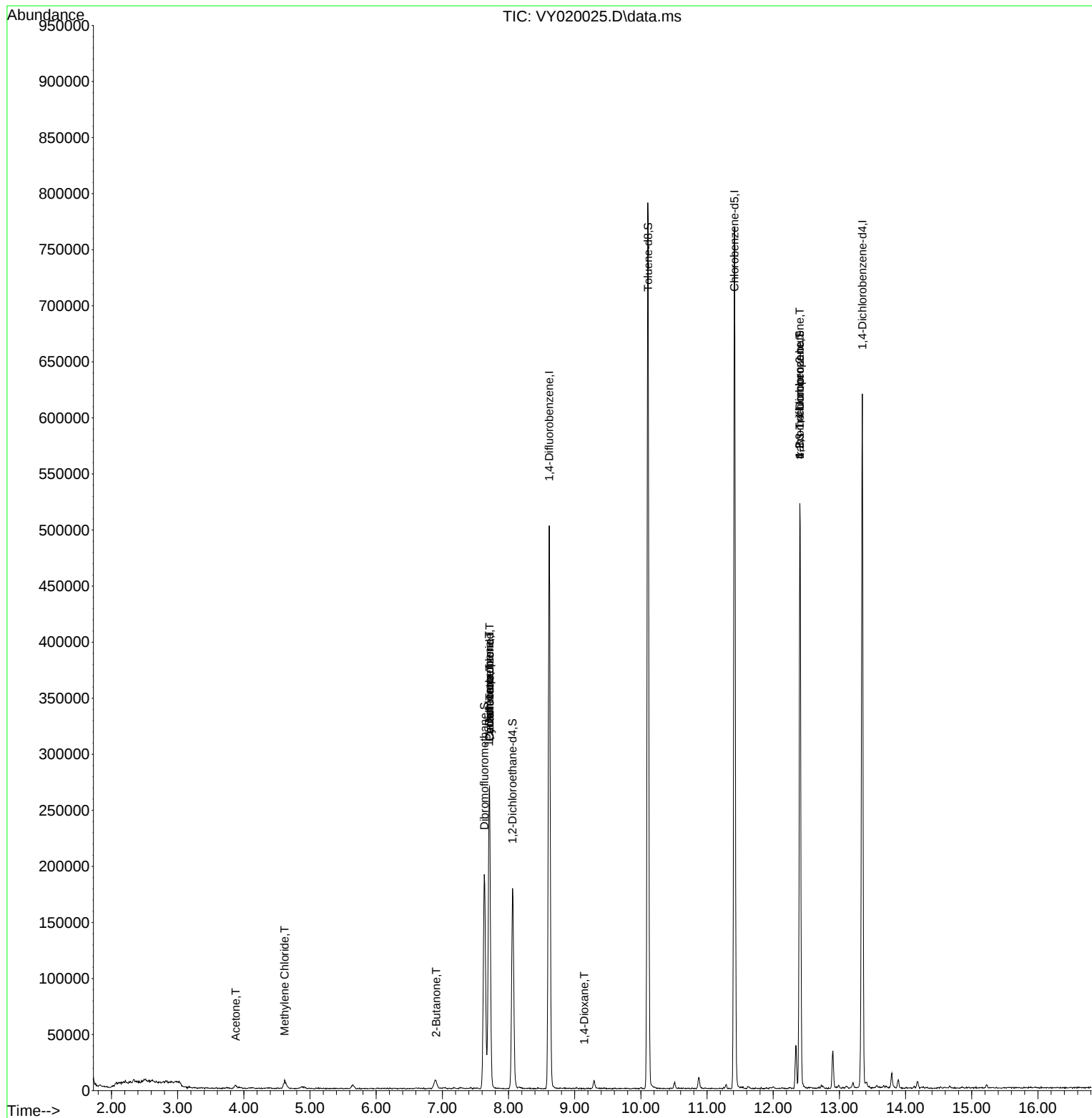
Internal Standards						
1) Pentafluorobenzene	7.713	168	187833	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	392465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	363143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	133219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139771	60.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.860%	
35) Dibromofluoromethane	7.634	113	133067	51.380	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.760%	
50) Toluene-d8	10.109	98	488829	51.112	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	12.402	95	155021	44.859	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	741	Below Cal	#	60
16) Acetone	3.879	43	4530	7.524	ug/l #	65
20) Methylene Chloride	4.616	84	3984	1.001	ug/l #	72
25) 2-Butanone	6.909	43	997	1.237	ug/l #	41
31) Cyclohexane	7.713	56	5585	1.445	ug/l #	50
36) 1,1-Dichloropropene	7.707	75	18885	5.061	ug/l #	40
38) Carbon Tetrachloride	7.713	117	20848	5.212	ug/l #	17
49) 1,4-Dioxane	9.146	88	30	1.736	ug/l #	20
76) 1,2,3-Trichloropropane	12.402	75	90013	34.491	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	90013	139.219	ug/l #	16

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

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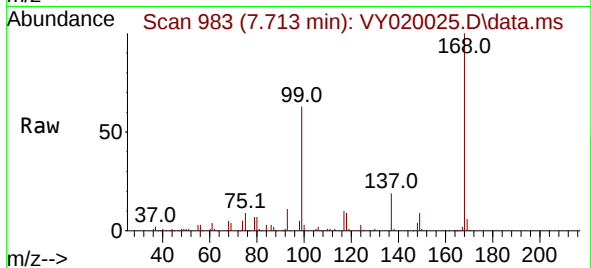
Quant Time: Oct 26 00:22:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
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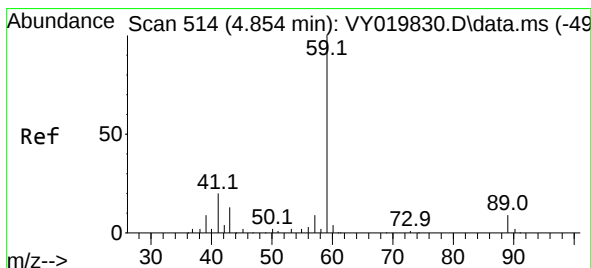
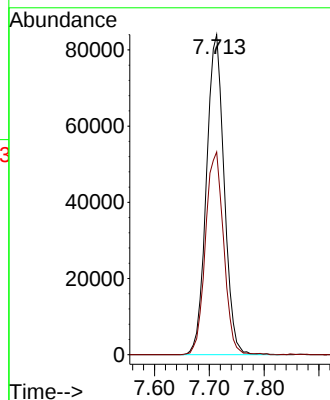
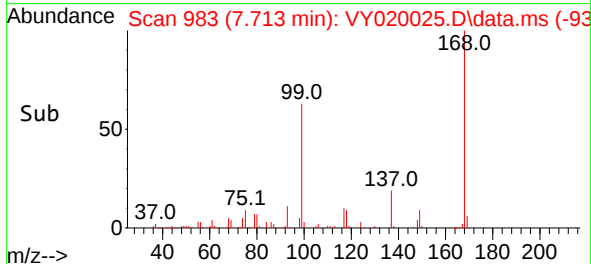


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020025.D
Acq: 25 Oct 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :

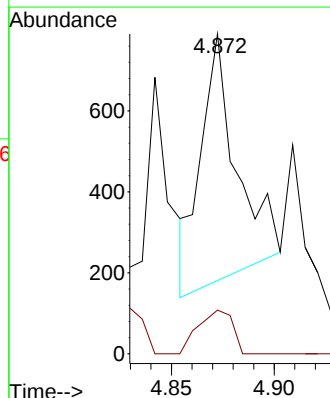
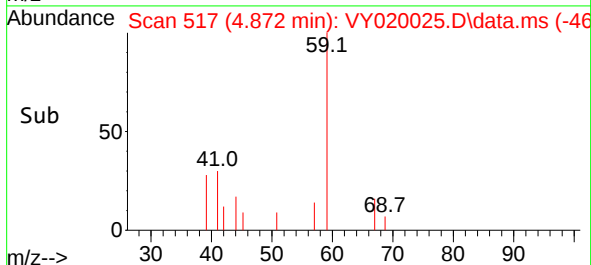
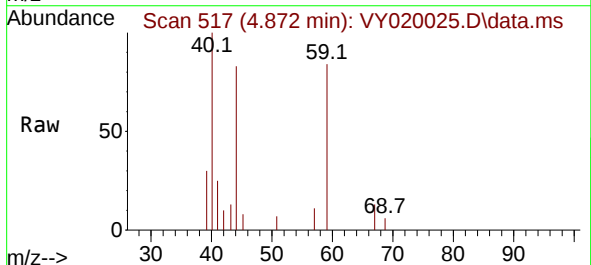


Tgt Ion:168 Resp: 187833
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.872 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020025.D
Acq: 25 Oct 2024 14:36

Tgt Ion: 59 Resp: 741
Ion Ratio Lower Upper
59 100
57 16.9 3.0 4.6#

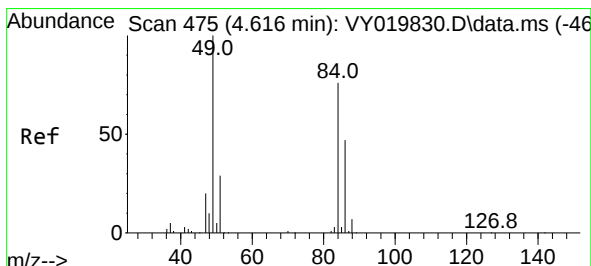
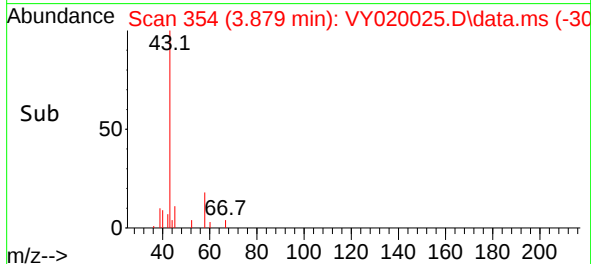
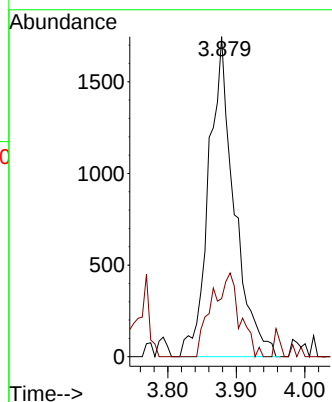
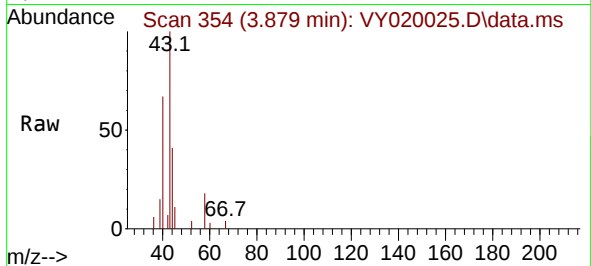




#16
Acetone
Concen: 7.524 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020025.D
Acq: 25 Oct 2024 14:36

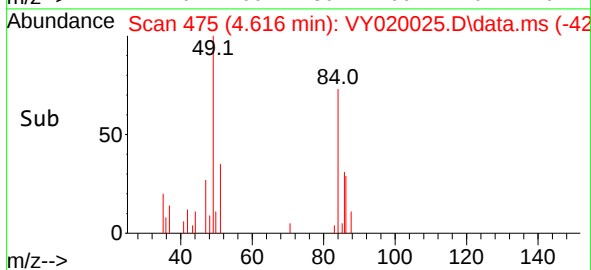
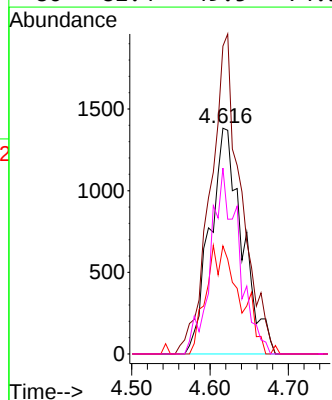
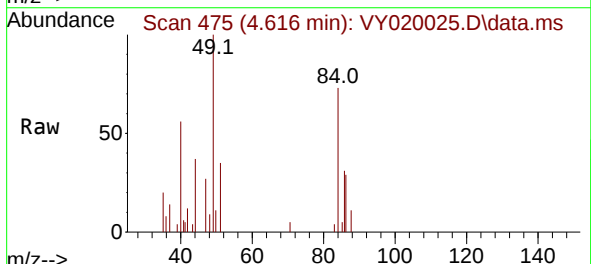
Instrument :
MSVOA_Y
ClientSampleId :

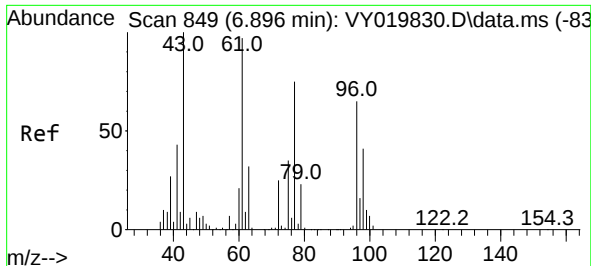
Tgt Ion: 43 Resp: 4530
Ion Ratio Lower Upper
43 100
58 18.2 31.7 47.5#



#20
Methylene Chloride
Concen: 1.001 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020025.D
Acq: 25 Oct 2024 14:36

Tgt Ion: 84 Resp: 3984
Ion Ratio Lower Upper
84 100
49 136.4 84.4 126.6#
51 47.8 26.0 39.0#
86 82.4 49.5 74.3#





#25

2-Butanone

Concen: 1.237 ug/l

RT: 6.909 min Scan# 81

Delta R.T. 0.019 min

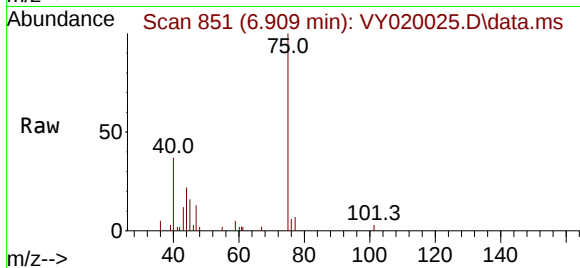
Lab File: VY020025.D

Acq: 25 Oct 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

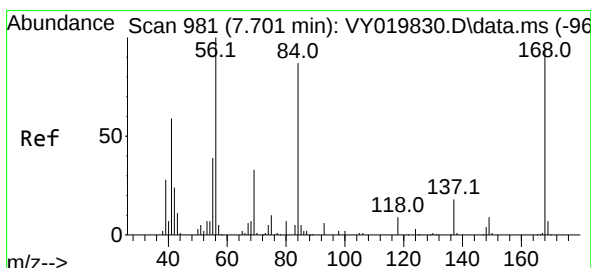
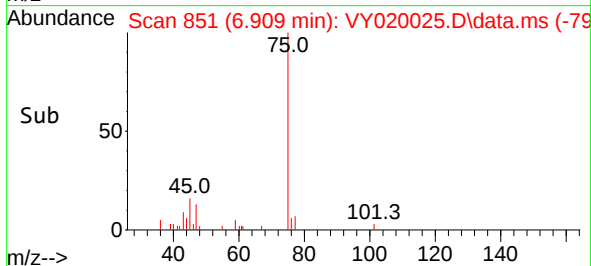
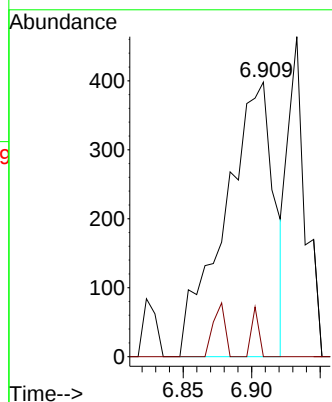


Tgt Ion: 43 Resp: 997

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.445 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.013 min

Lab File: VY020025.D

Acq: 25 Oct 2024 14:36

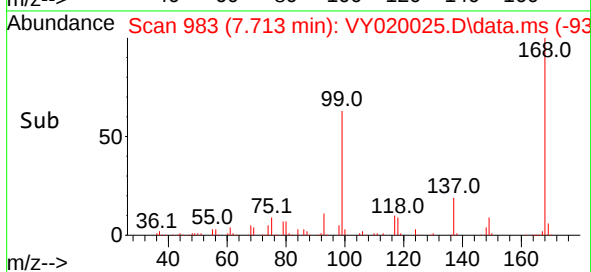
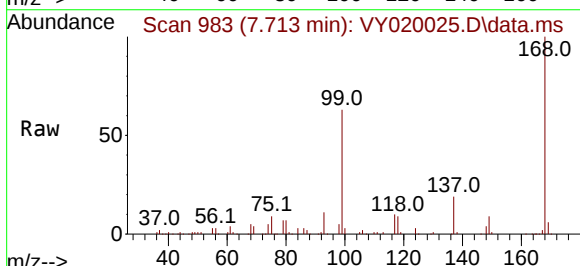
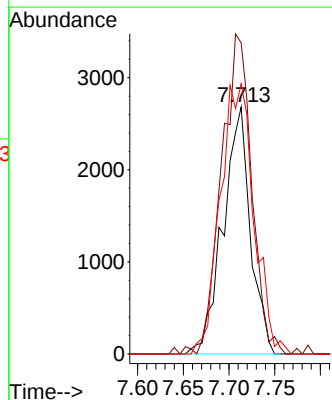
Tgt Ion: 56 Resp: 5585

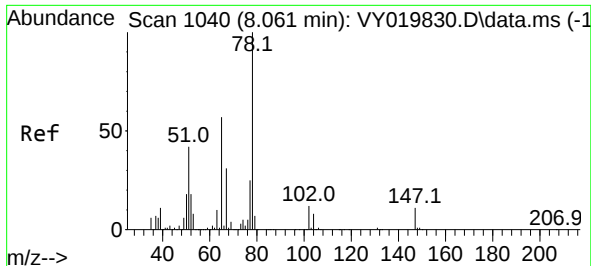
Ion Ratio Lower Upper

56 100

69 125.9 28.7 43.1#

84 109.4 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 60.434 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020025.D

Acq: 25 Oct 2024 14:36

Instrument :

MSVOA_Y

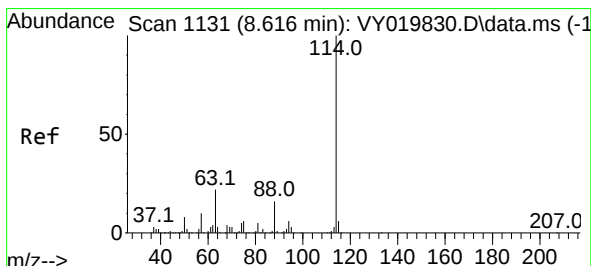
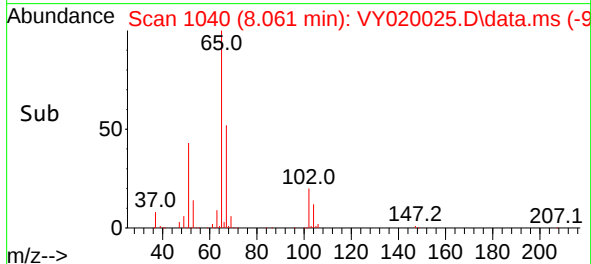
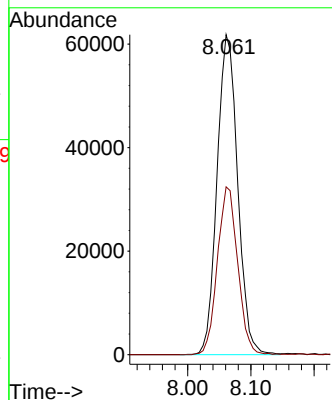
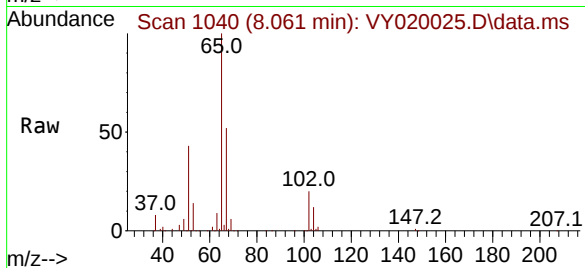
ClientSampleId :

Tgt Ion: 65 Resp: 139771

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020025.D

Acq: 25 Oct 2024 14:36

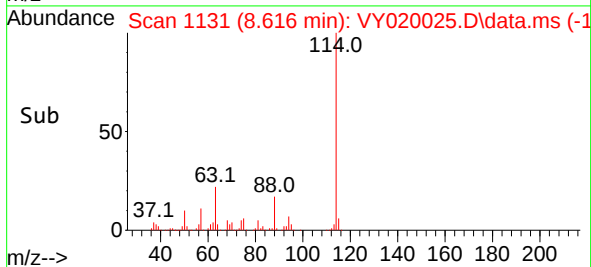
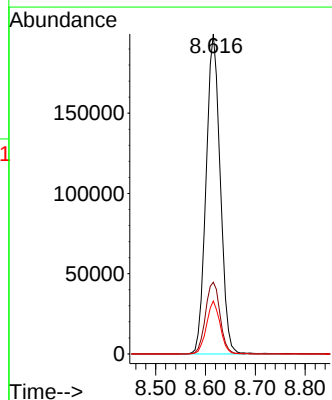
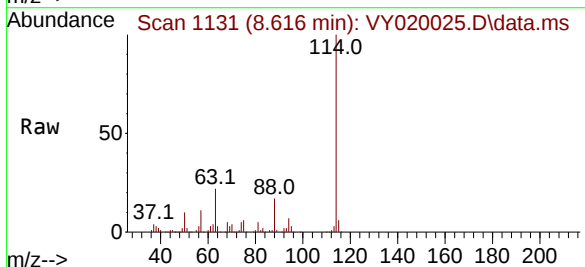
Tgt Ion: 114 Resp: 392465

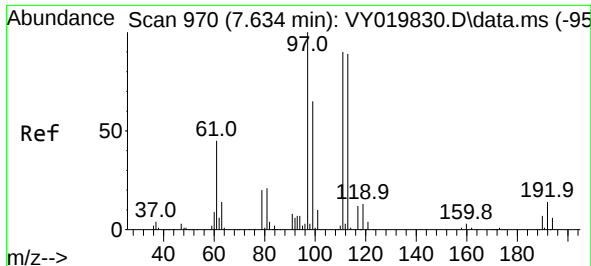
Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

88 16.6 0.0 27.2

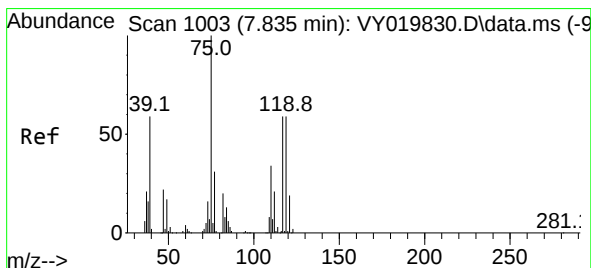
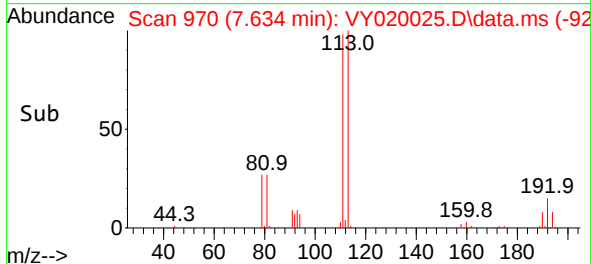
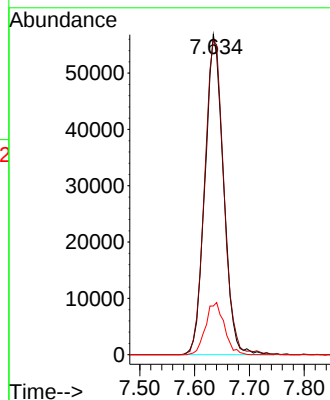
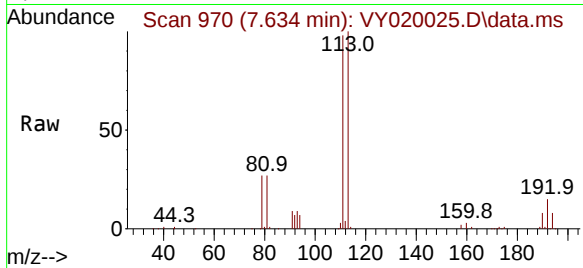




#35
Dibromofluoromethane
Concen: 51.380 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020025.D
Acq: 25 Oct 2024 14:36

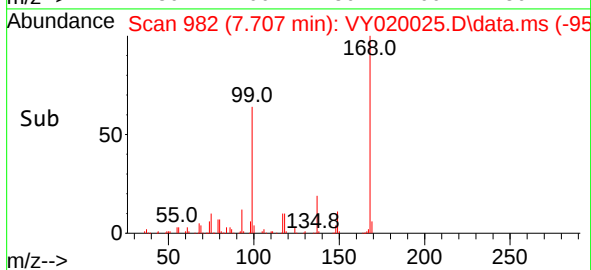
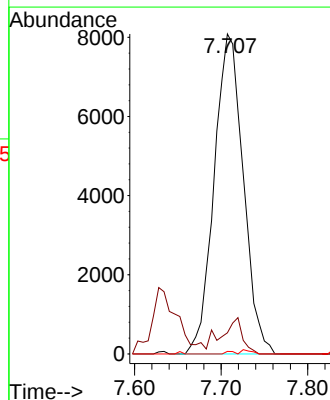
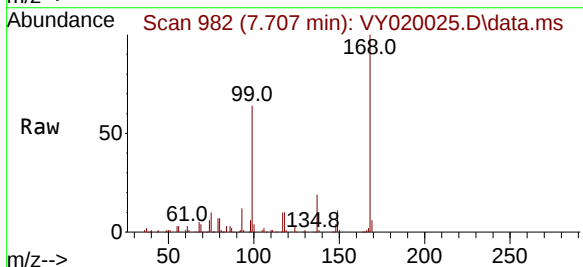
Instrument :
MSVOA_Y
ClientSampleId :

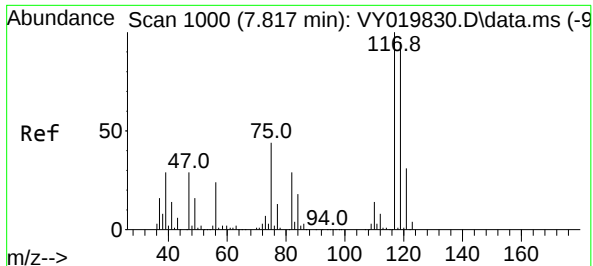
Tgt Ion:113 Resp: 133067
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 16.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.061 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020025.D
Acq: 25 Oct 2024 14:36

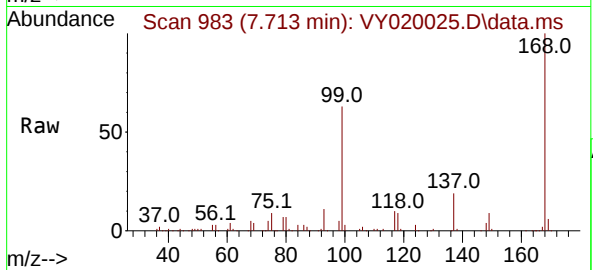
Tgt Ion: 75 Resp: 18885
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.2 25.3 37.9#



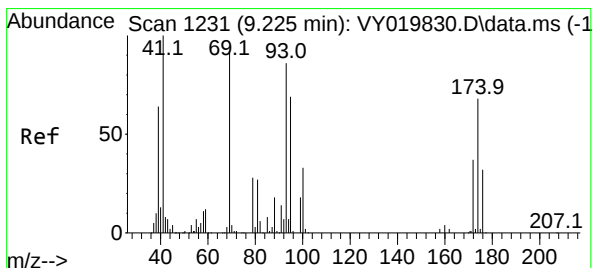
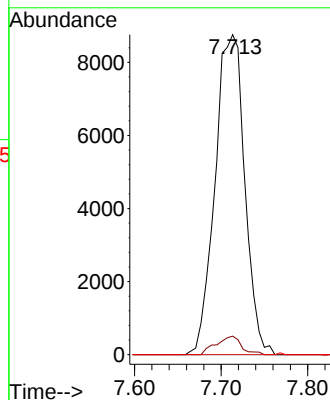
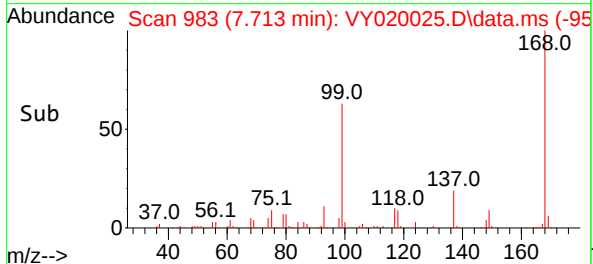


#38
Carbon Tetrachloride
Concen: 5.212 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020025.D
Acq: 25 Oct 2024 14:36

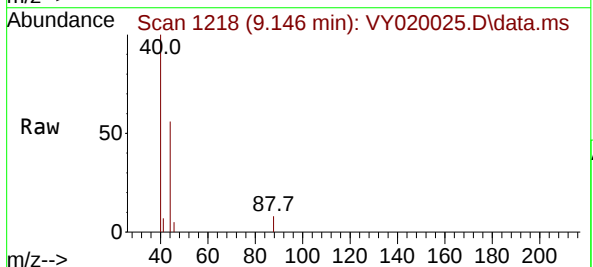
Instrument :
MSVOA_Y
ClientSampleId :



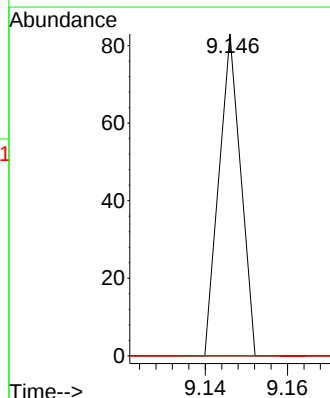
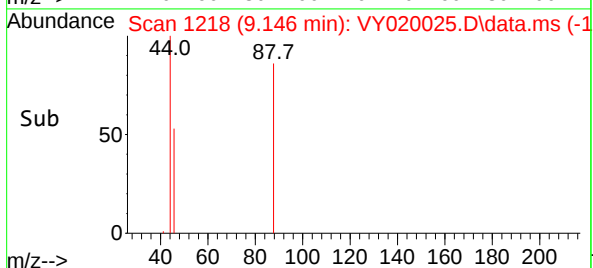
Tgt Ion:117 Resp: 20848
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.0 36.0#

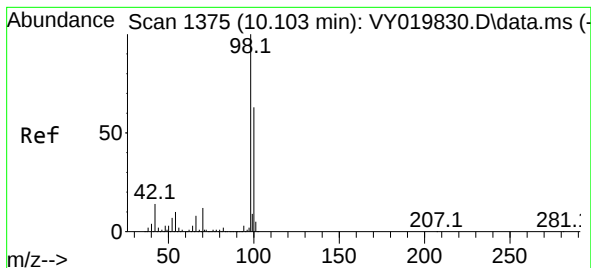


#49
1,4-Dioxane
Concen: 1.736 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. -0.085 min
Lab File: VY020025.D
Acq: 25 Oct 2024 14:36



Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

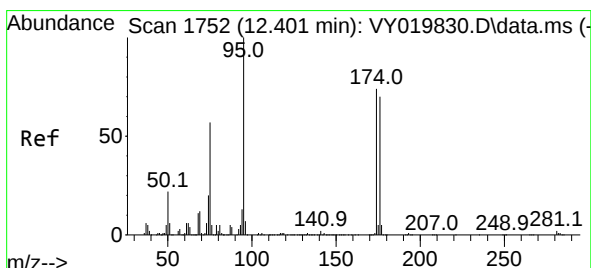
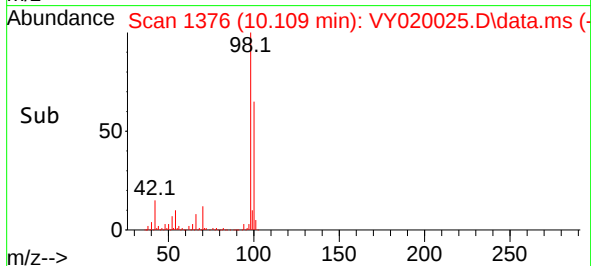
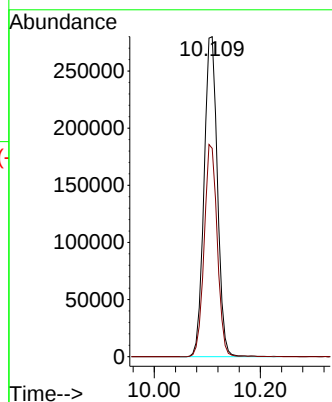
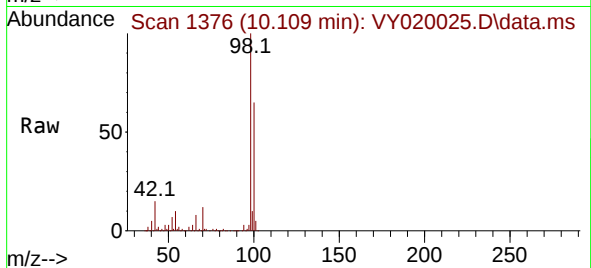




#50
Toluene-d8
Concen: 51.112 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020025.D
Acq: 25 Oct 2024 14:36

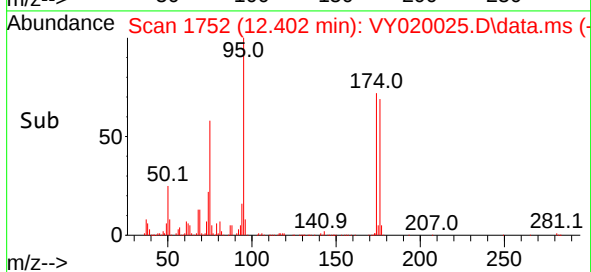
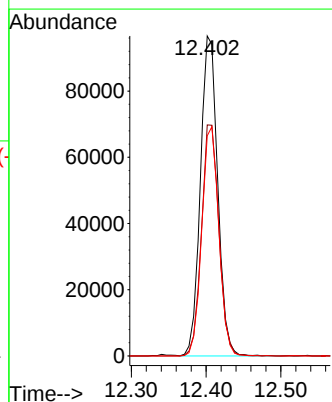
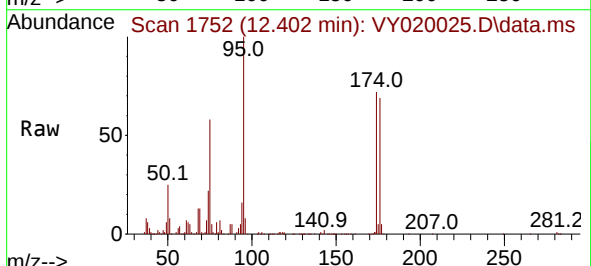
Instrument :
MSVOA_Y
ClientSampleId :

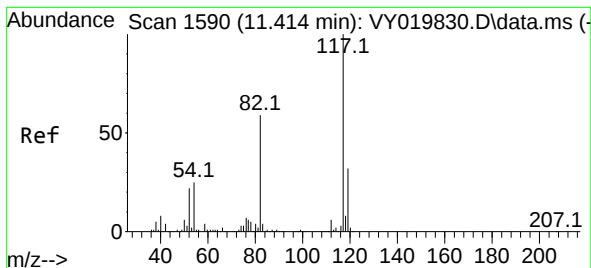
Tgt Ion: 98 Resp: 488829
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.859 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020025.D
Acq: 25 Oct 2024 14:36

Tgt Ion: 95 Resp: 155021
Ion Ratio Lower Upper
95 100
174 72.7 0.0 175.6
176 70.6 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: VY020025.D

Acq: 25 Oct 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

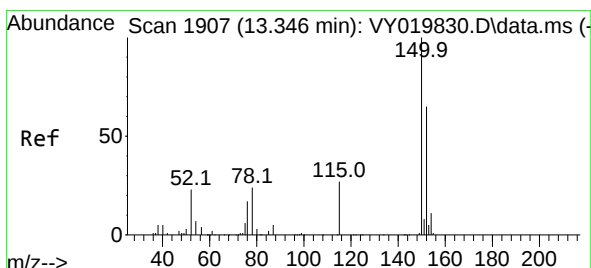
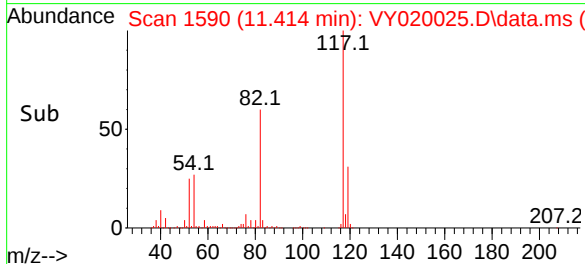
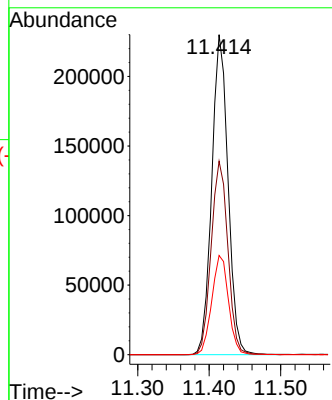
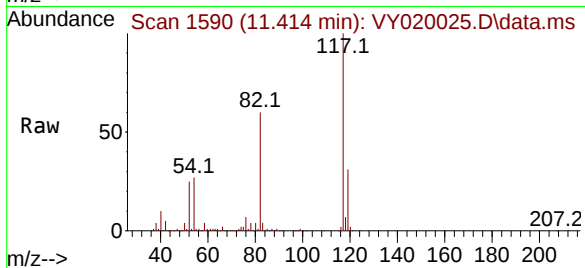
Tgt Ion:117 Resp: 363143

Ion Ratio Lower Upper

117 100

82 60.4 42.4 63.6

119 31.0 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: VY020025.D

Acq: 25 Oct 2024 14:36

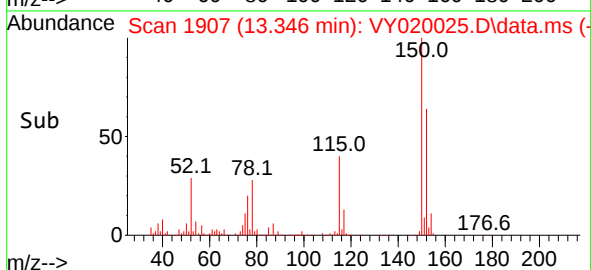
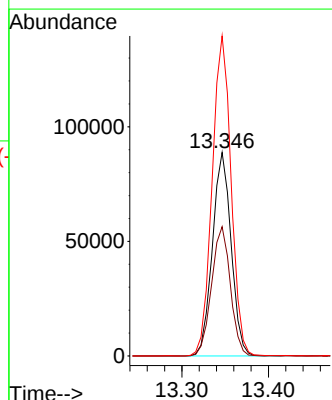
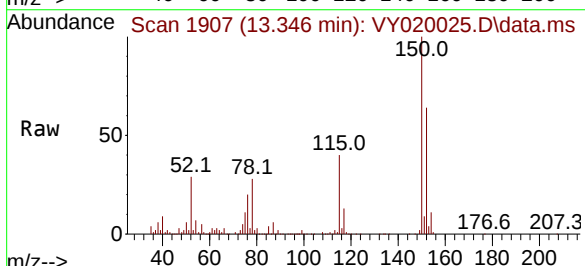
Tgt Ion:152 Resp: 133219

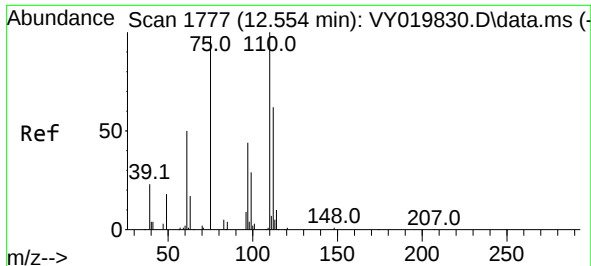
Ion Ratio Lower Upper

152 100

115 63.8 28.2 84.7

150 159.1 0.0 345.6

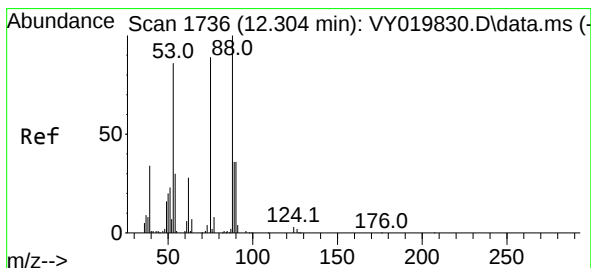
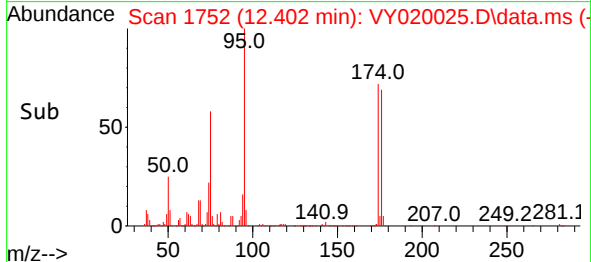
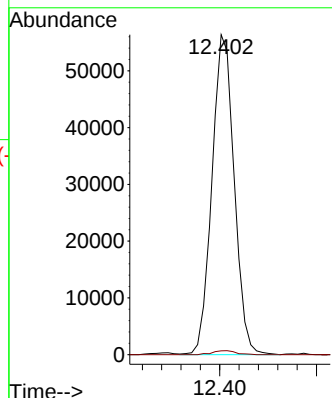
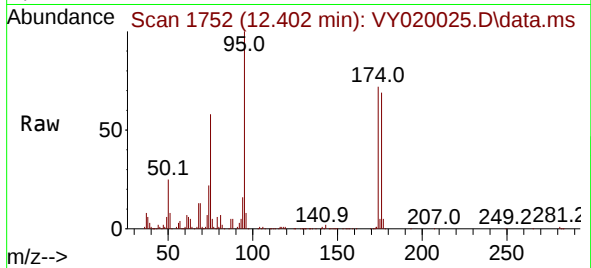




#76
1,2,3-Trichloropropane
Concen: 34.491 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020025.D
Acq: 25 Oct 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 90013
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.219 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020025.D
Acq: 25 Oct 2024 14:36

Tgt Ion: 75 Resp: 90013
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

