

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020640.D
 Acq On : 18 Dec 2024 16:51
 Operator : SY/MD
 Sample : P5299-03
 Misc : 5.73g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01

Quant Time: Dec 19 02:50:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

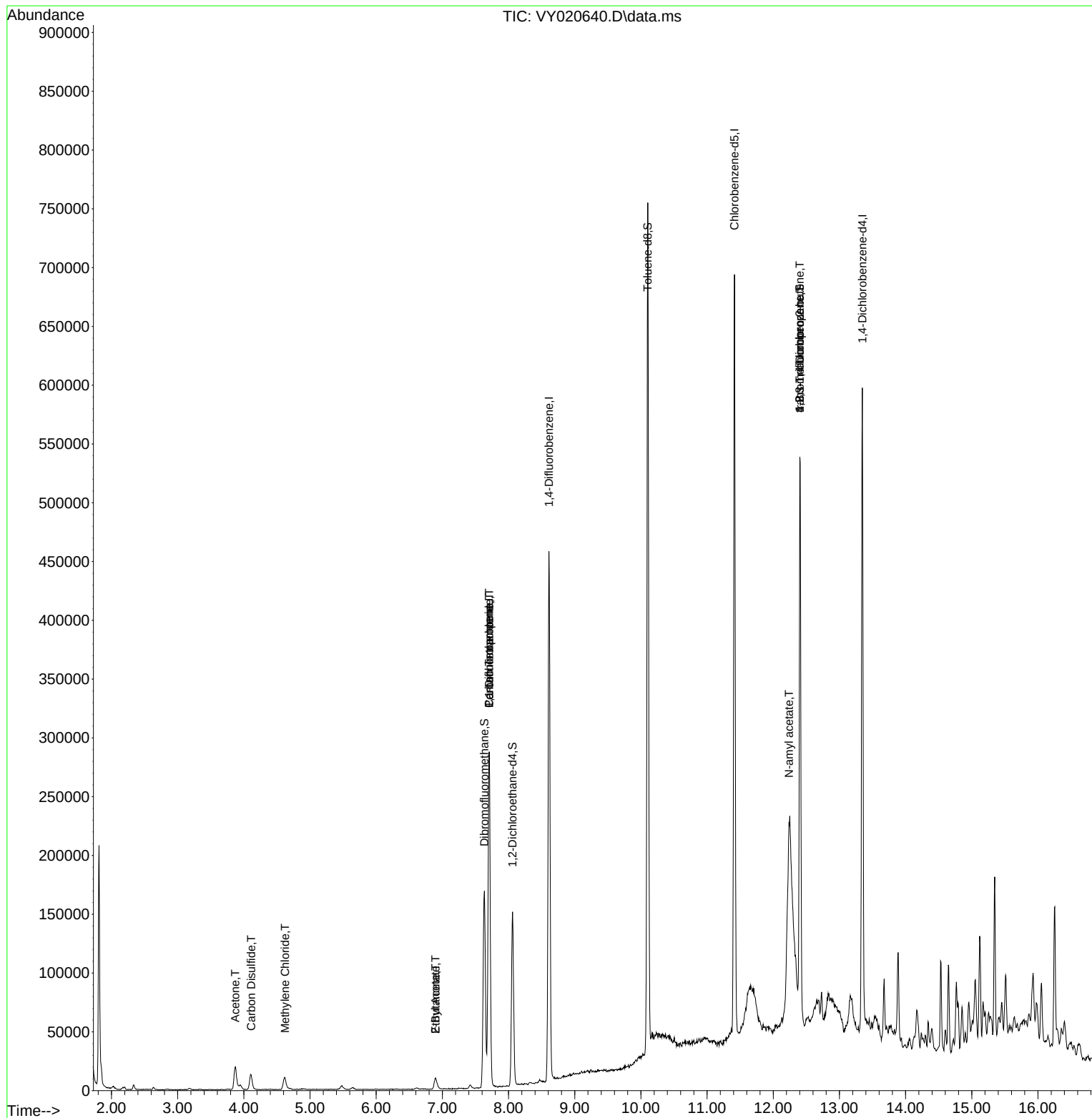
Internal Standards						
1) Pentafluorobenzene	7.707	168	223514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	392391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	337704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	119025	48.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.240%
35) Dibromofluoromethane	7.634	113	120658	43.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.260%
50) Toluene-d8	10.103	98	476055	49.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.401	95	151545	40.024	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	320	Below Cal	#	75
16) Acetone	3.872	43	35108	67.492	ug/l	96
17) Carbon Disulfide	4.110	76	26537	2.910	ug/l	97
20) Methylene Chloride	4.622	84	7902	2.596	ug/l	# 88
25) 2-Butanone	6.896	43	16117	17.716	ug/l	96
30) Chloroform	7.427	83	3105	Below Cal		84
36) 1,1-Dichloropropene	7.707	75	16773	3.326	ug/l	# 54
37) Ethyl Acetate	6.896	43	16117	6.795	ug/l	# 69
38) Carbon Tetrachloride	7.707	117	22118	3.964	ug/l	# 14
74) N-amyl acetate	12.237	43	149588	52.908	ug/l	# 65
76) 1,2,3-Trichloropropane	12.401	75	79125	55.020	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	79125	115.489	ug/l	# 12

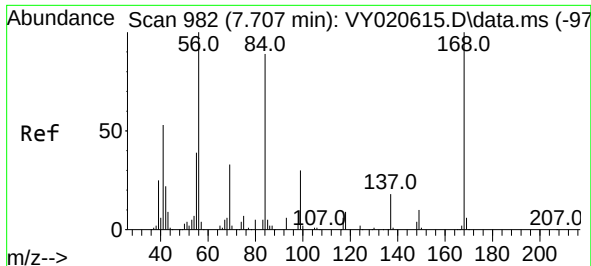
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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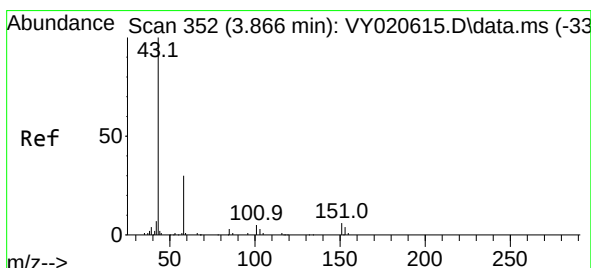
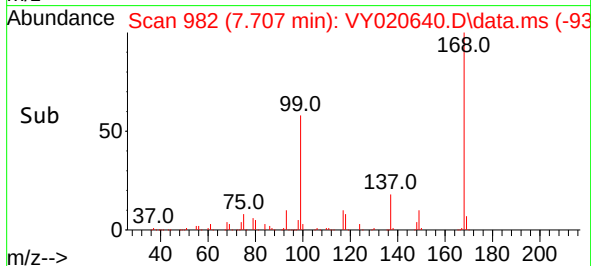
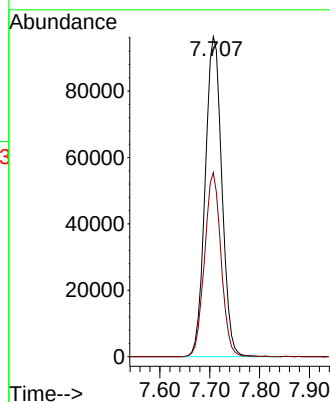
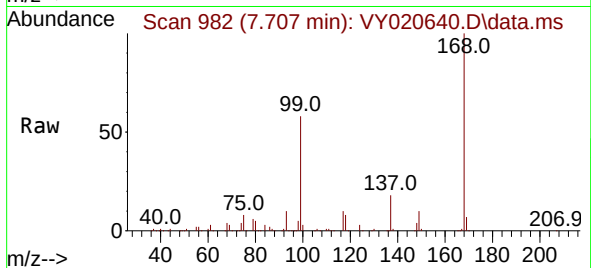




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

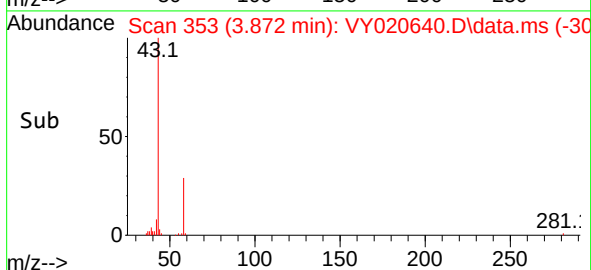
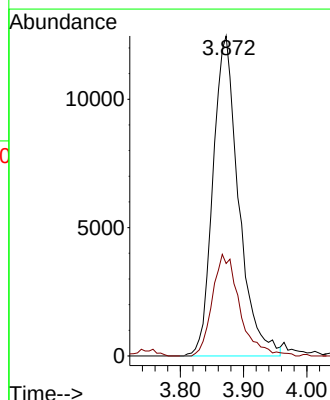
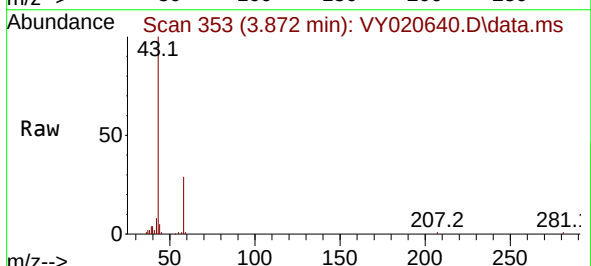
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

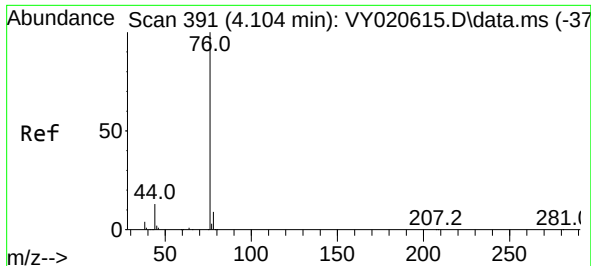
Tgt Ion:168 Resp: 223514
Ion Ratio Lower Upper
168 100
99 57.5 47.0 70.6



#16
Acetone
Concen: 67.492 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

Tgt Ion: 43 Resp: 35108
Ion Ratio Lower Upper
43 100
58 28.9 25.0 37.6

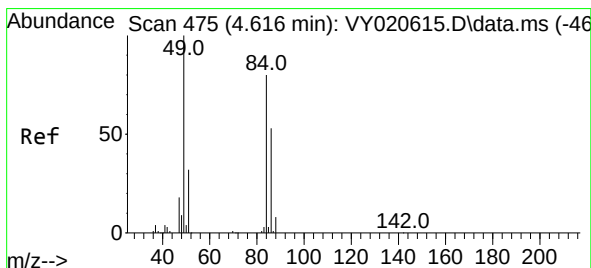
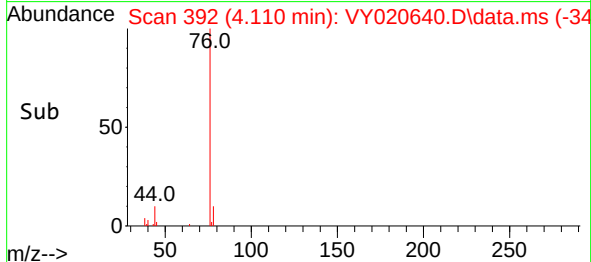
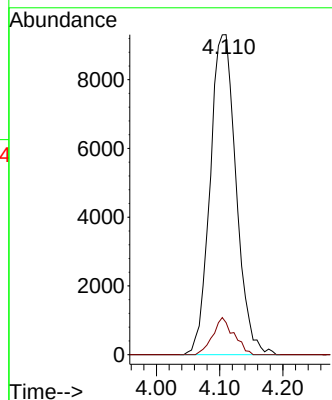
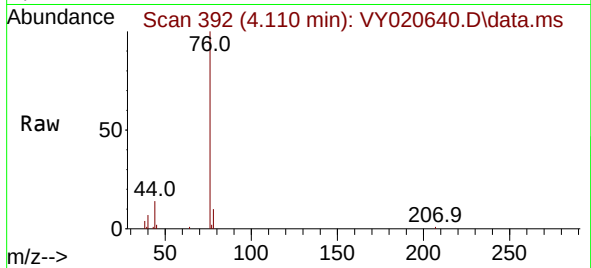




#17
Carbon Disulfide
Concen: 2.910 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

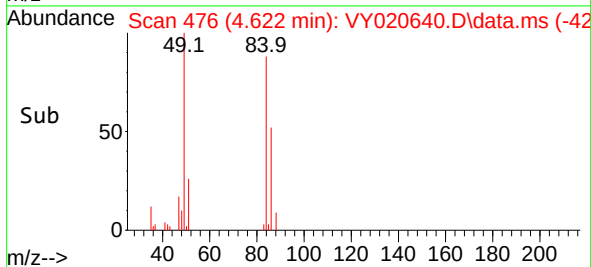
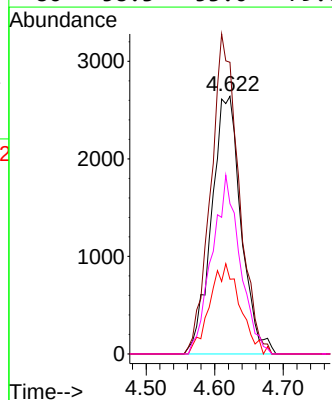
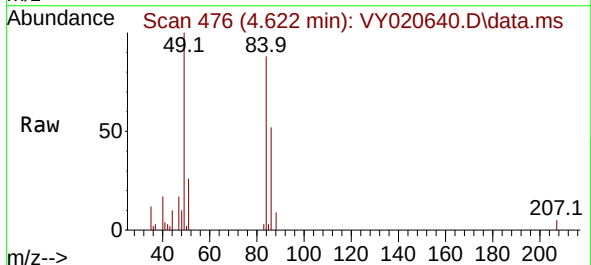
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

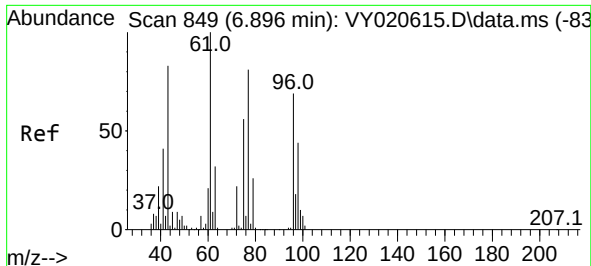
Tgt Ion: 76 Resp: 26537
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#20
Methylene Chloride
Concen: 2.596 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

Tgt Ion: 84 Resp: 7902
Ion Ratio Lower Upper
84 100
49 113.2 100.7 151.1
51 29.0 32.2 48.2#
86 58.3 53.0 79.6

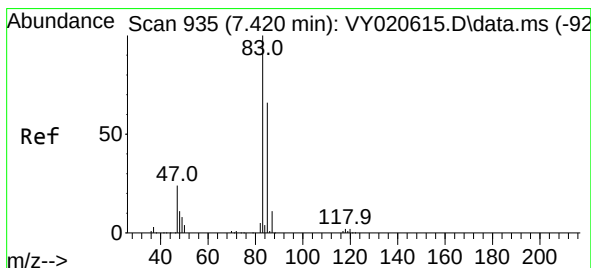
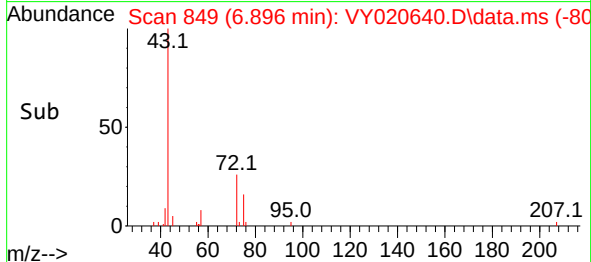
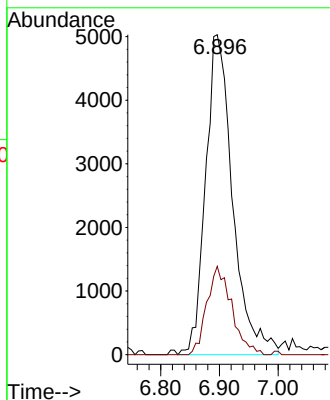
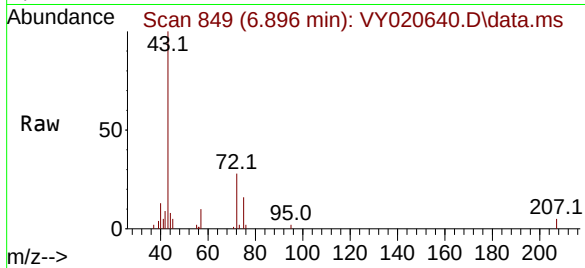




#25
2-Butanone
Concen: 17.716 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

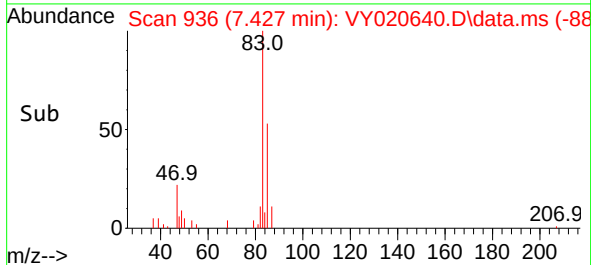
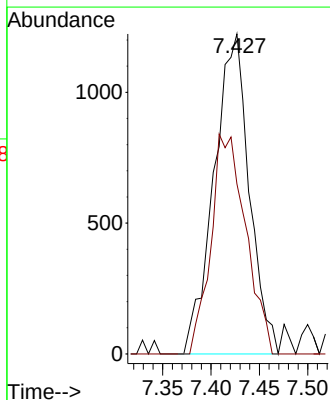
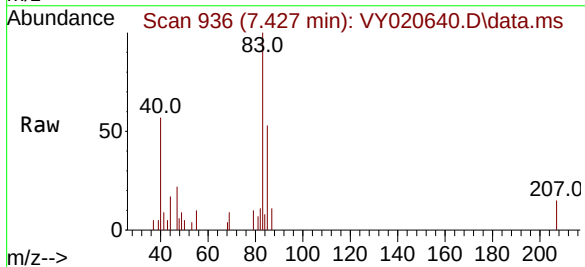
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

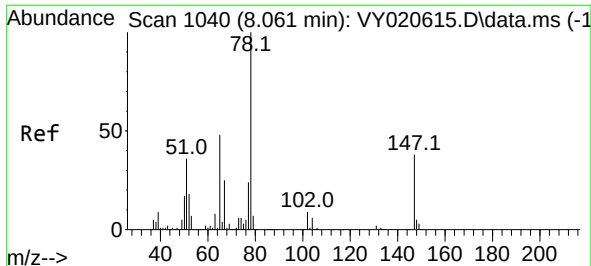
Tgt Ion: 43 Resp: 16117
Ion Ratio Lower Upper
43 100
72 27.6 20.6 31.0



#30
Chloroform
Concen: Below Cal
RT: 7.427 min Scan# 936
Delta R.T. 0.007 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

Tgt Ion: 83 Resp: 3105
Ion Ratio Lower Upper
83 100
85 53.1 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 48.622 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY020640.D

Acq: 18 Dec 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

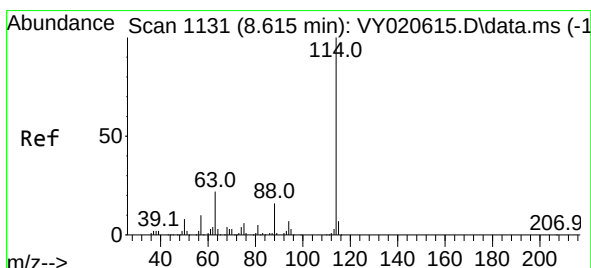
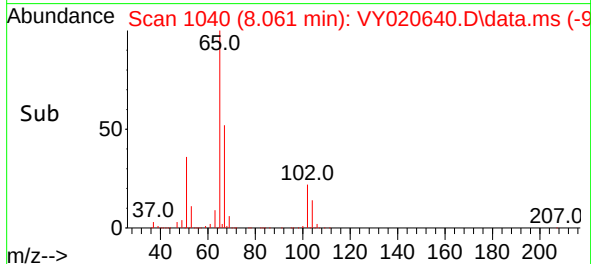
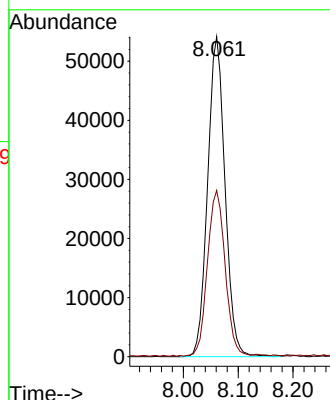
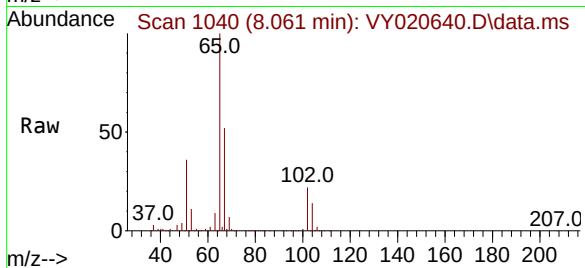
SB-01

Tgt Ion: 65 Resp: 119025

Ion Ratio Lower Upper

65 100

67 52.9 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY020640.D

Acq: 18 Dec 2024 16:51

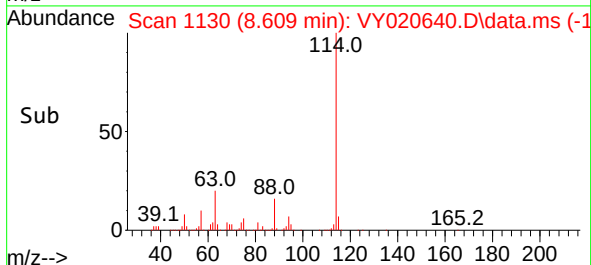
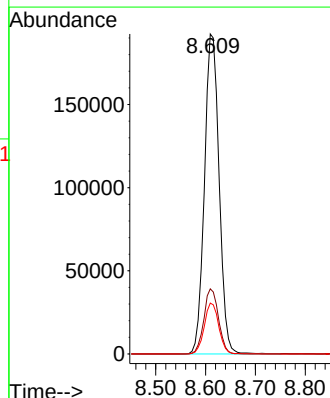
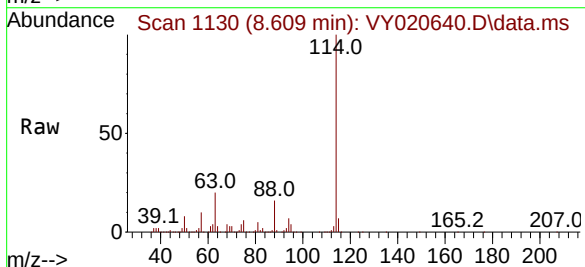
Tgt Ion: 114 Resp: 392391

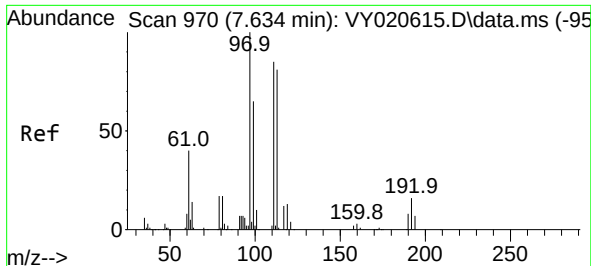
Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.0

88 15.9 0.0 32.8

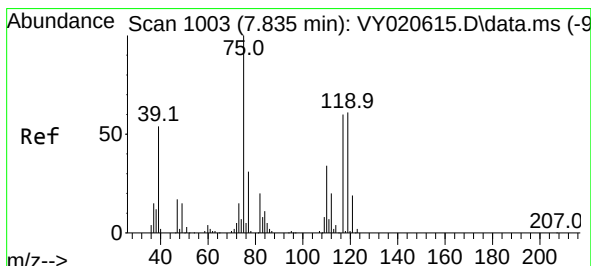
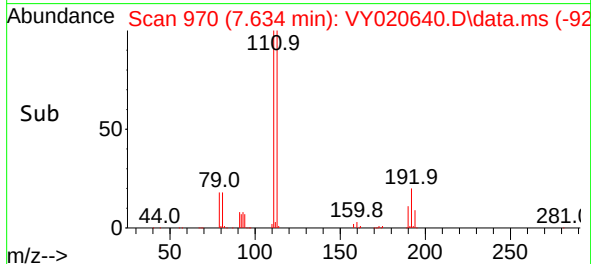
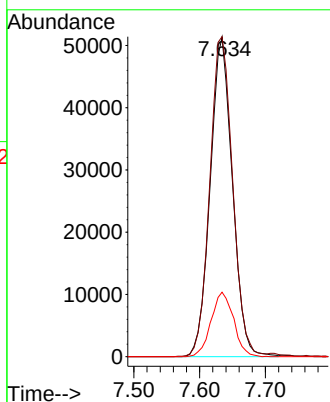
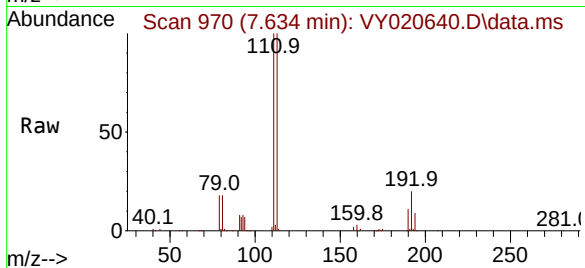




#35
Dibromofluoromethane
Concen: 43.630 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

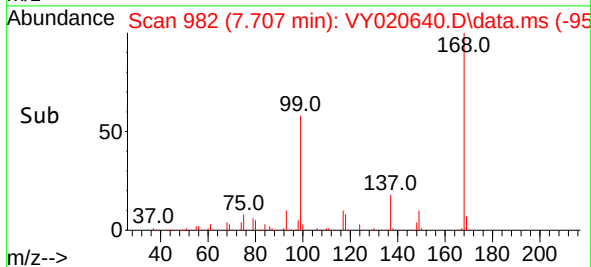
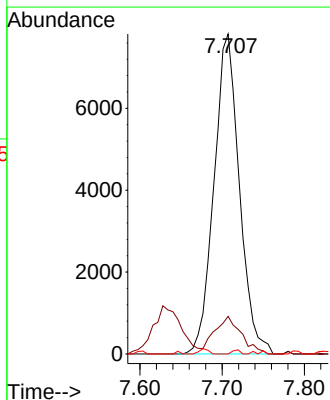
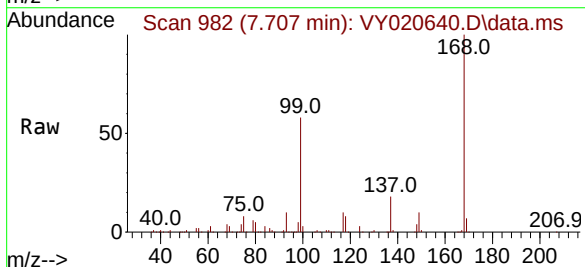
Instrument :
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ClientSampleId :
SB-01

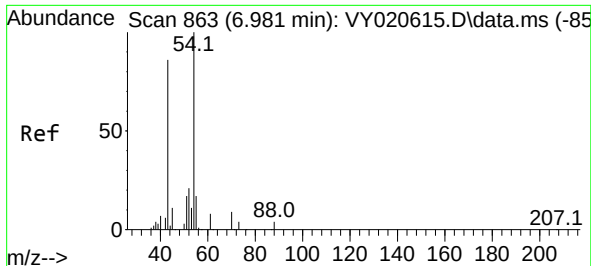
Tgt Ion:113 Resp: 120658
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 20.5 15.7 23.5



#36
1,1-Dichloropropene
Concen: 3.326 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

Tgt Ion: 75 Resp: 16773
Ion Ratio Lower Upper
75 100
110 12.2 16.8 50.4#
77 0.4 25.0 37.6#





#37

Ethyl Acetate

Concen: 6.795 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.085 min

Lab File: VY020640.D

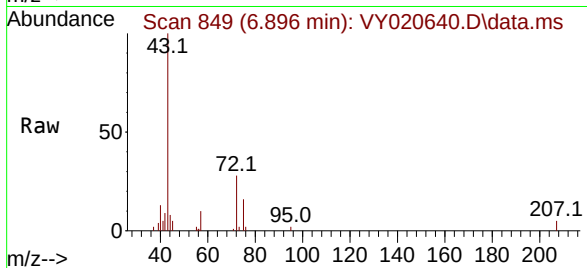
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Instrument :

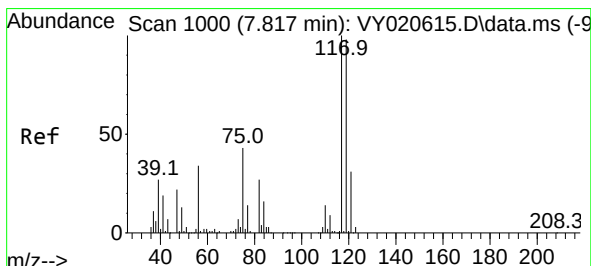
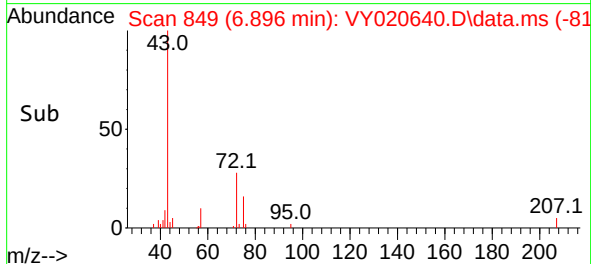
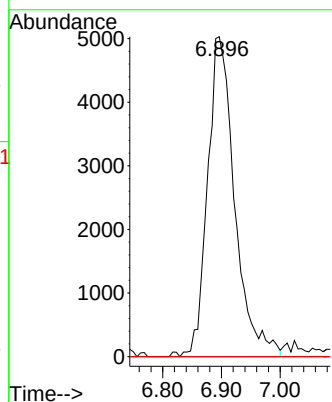
MSVOA_Y

ClientSampleId :

SB-01



Tgt Ion:	43	Resp:	16117
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	0.0	7.9	11.9#



#38

Carbon Tetrachloride

Concen: 3.964 ug/l

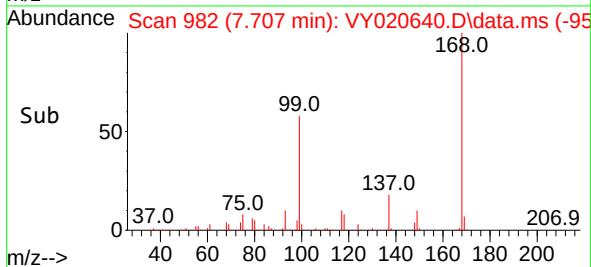
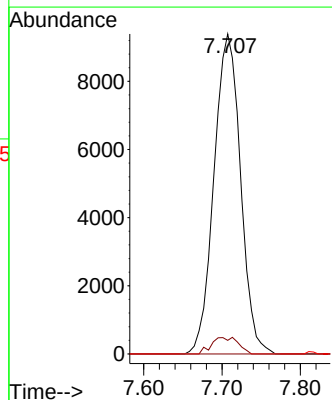
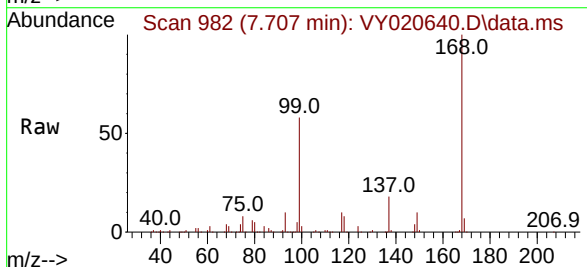
RT: 7.707 min Scan# 982

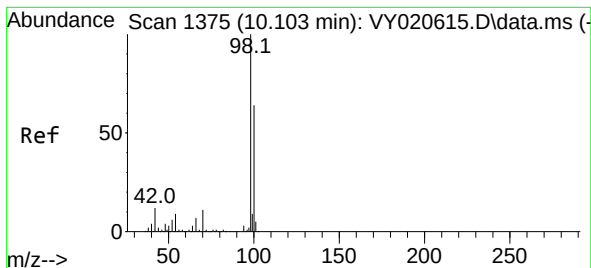
Delta R.T. -0.110 min

Lab File: VY020640.D

Acq: 18 Dec 2024 16:51

Tgt Ion:	117	Resp:	22118
Ion	Ratio	Lower	Upper
117	100		
119	4.3	78.3	117.5#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: 49.181 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020640.D

Acq: 18 Dec 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

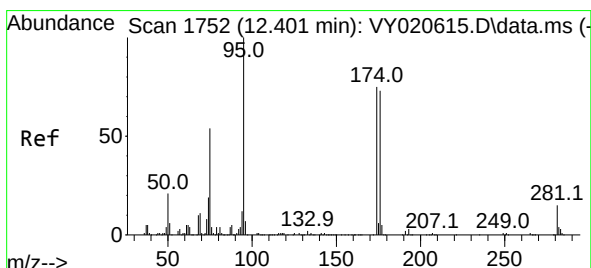
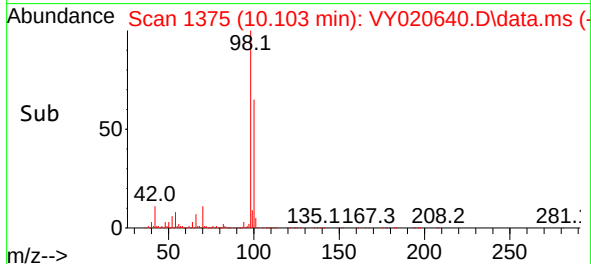
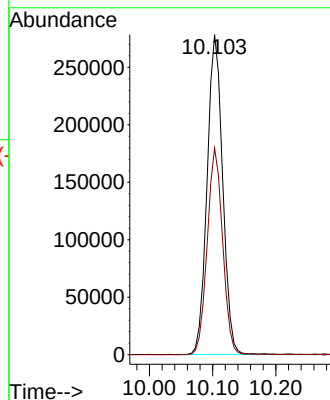
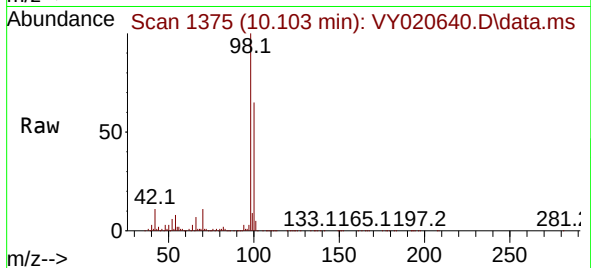
SB-01

Tgt Ion: 98 Resp: 476055

Ion Ratio Lower Upper

98 100

100 63.9 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 40.024 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020640.D

Acq: 18 Dec 2024 16:51

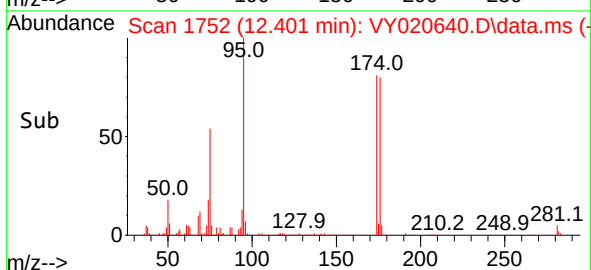
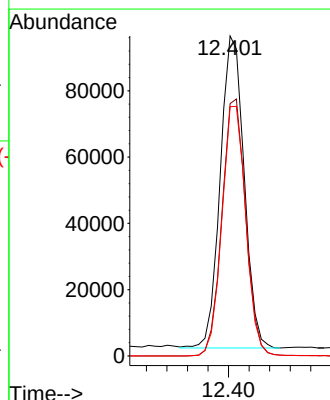
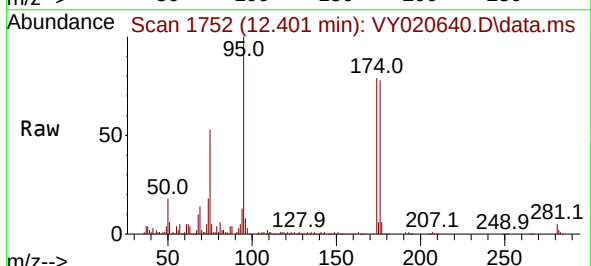
Tgt Ion: 95 Resp: 151545

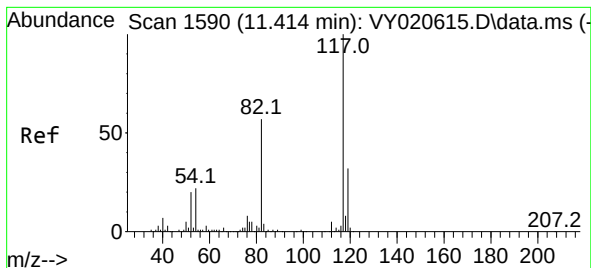
Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.8

176 80.1 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020640.D

Acq: 18 Dec 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-01

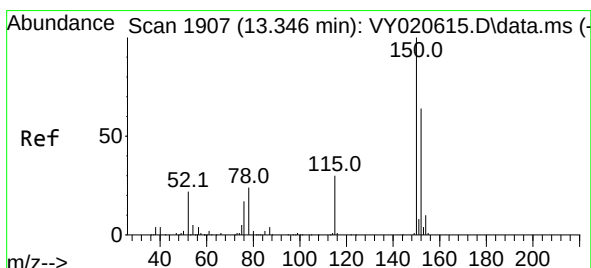
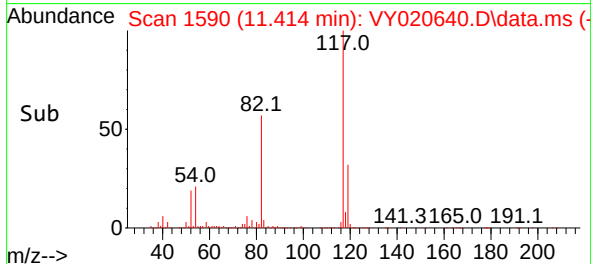
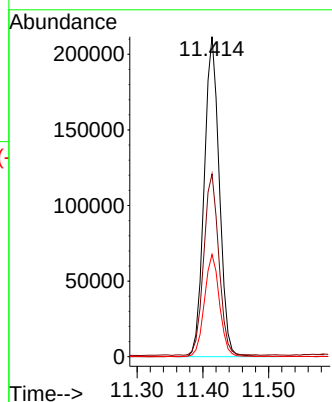
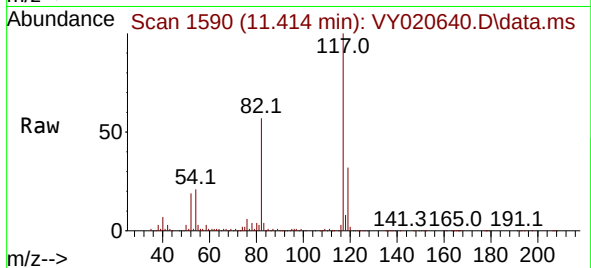
Tgt Ion:117 Resp: 337704

Ion Ratio Lower Upper

117 100

82 56.6 45.8 68.6

119 31.9 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020640.D

Acq: 18 Dec 2024 16:51

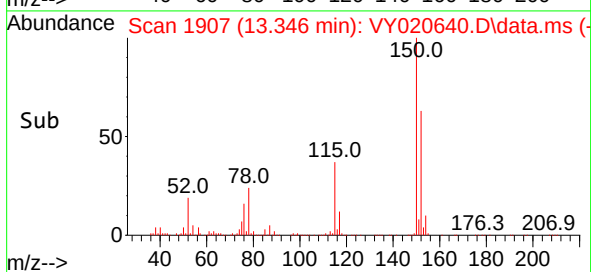
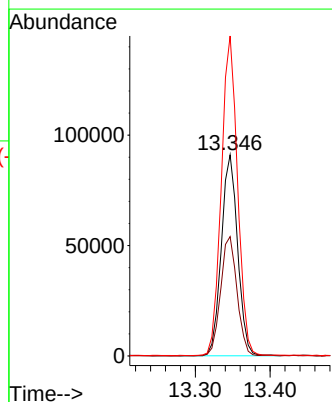
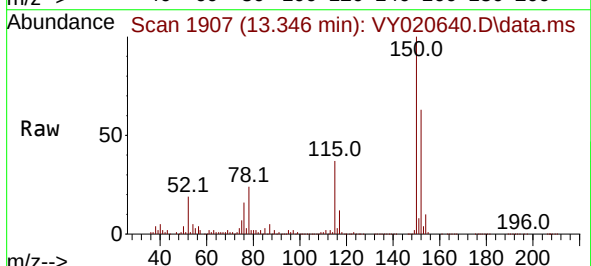
Tgt Ion:152 Resp: 138439

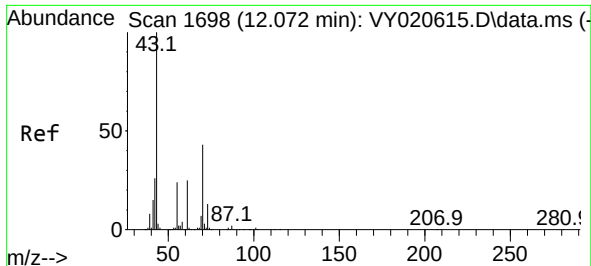
Ion Ratio Lower Upper

152 100

115 59.9 30.2 90.6

150 158.0 0.0 355.4

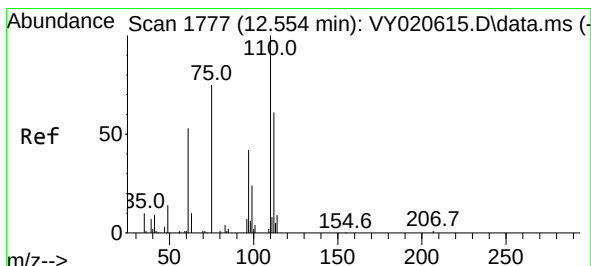
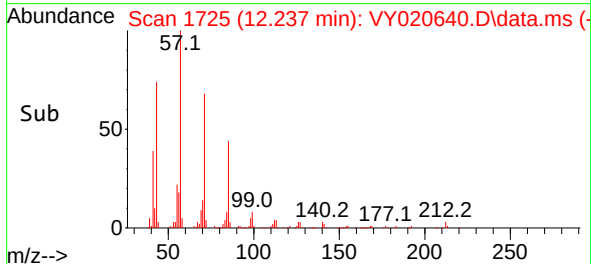
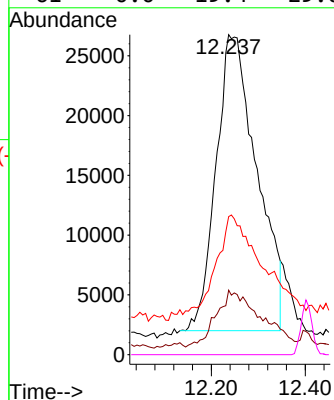
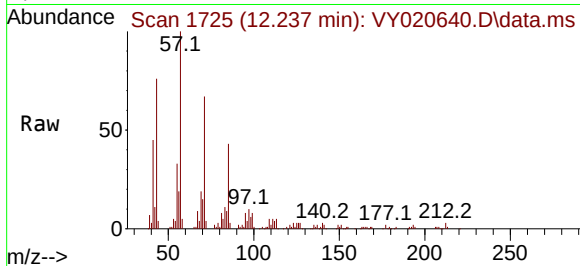




#74
N-amy1 acetate
Concen: 52.908 ug/l
RT: 12.237 min Scan# 1725
Delta R.T. 0.165 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

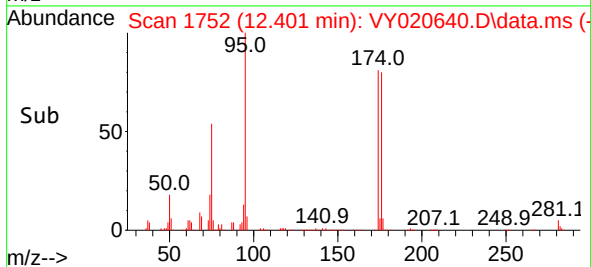
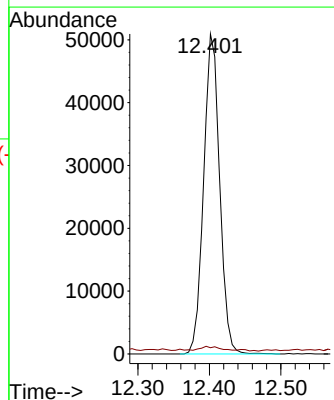
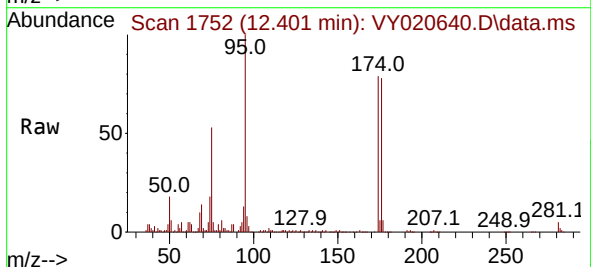
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

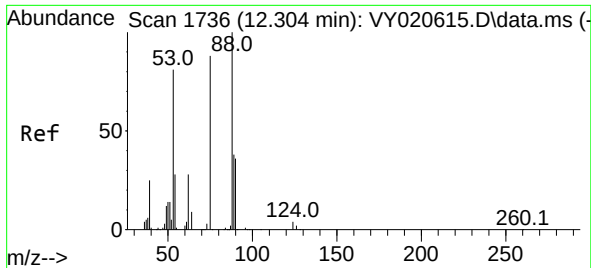
Tgt Ion: 43 Resp: 149588
Ion Ratio Lower Upper
43 100
70 19.7 34.2 51.2#
55 33.9 19.6 29.4#
61 0.0 19.4 29.0#



#76
1,2,3-Trichloropropane
Concen: 55.020 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

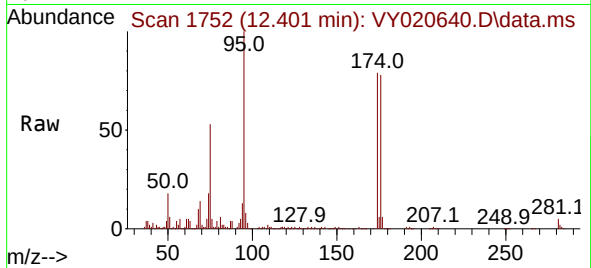
Tgt Ion: 75 Resp: 79125
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 115.489 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-01



Tgt Ion:	75	Resp:	79125
Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.4	113.2#
89	0.2	37.0	55.4#

