

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020635.D
 Acq On : 18 Dec 2024 14:54
 Operator : SY/MD
 Sample : P5299-04
 Misc : 6.77g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 19 02:48:56 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)

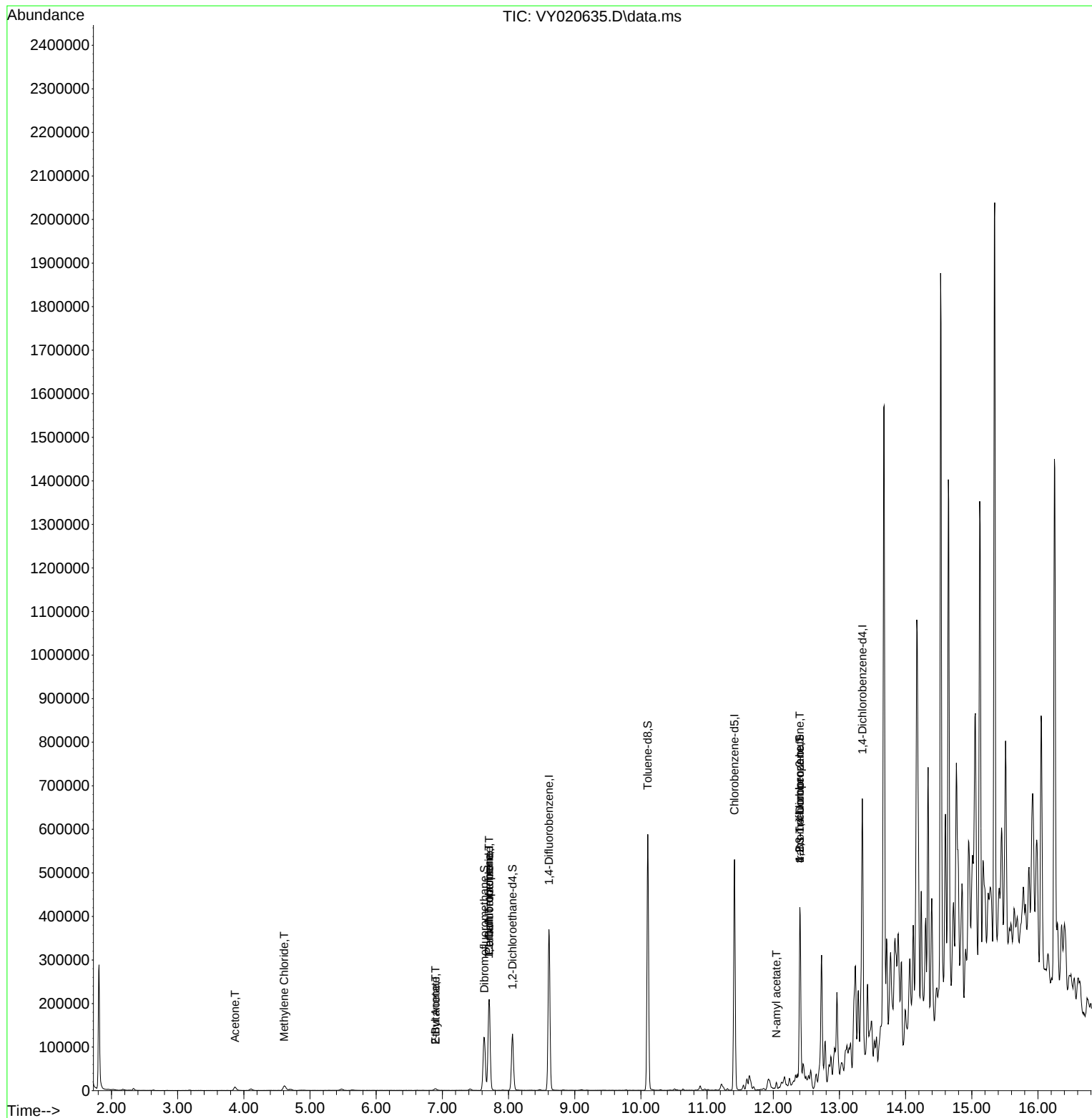
Internal Standards						
1) Pentafluorobenzene	7.707	168	157761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	310451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	269674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	117196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	101134	58.533	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.060%
35) Dibromofluoromethane	7.634	113	88259	40.338	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.680%
50) Toluene-d8	10.103	98	372749	48.673	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.402	95	122857	41.011	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	834	Below Cal	#	75
16) Acetone	3.867	43	13742	34.486	ug/l	96
20) Methylene Chloride	4.610	84	7633	3.553	ug/l	96
25) 2-Butanone	6.896	43	5232	8.148	ug/l	96
30) Chloroform	7.421	83	3092	Below Cal		89
36) 1,1-Dichloropropene	7.701	75	12643	3.169	ug/l #	52
37) Ethyl Acetate	6.896	43	5232	2.788	ug/l #	69
38) Carbon Tetrachloride	7.707	117	16111	3.650	ug/l #	16
74) N-amyl acetate	12.048	43	2852	1.192	ug/l #	69
76) 1,2,3-Trichloropropane	12.402	75	65697	53.963	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	65697	113.271	ug/l #	12

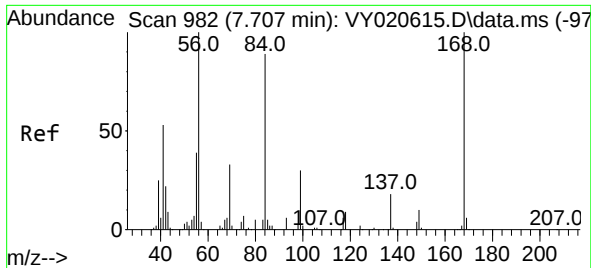
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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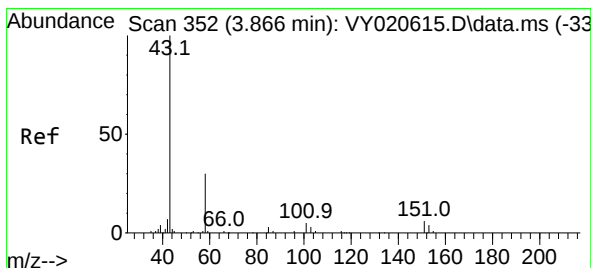
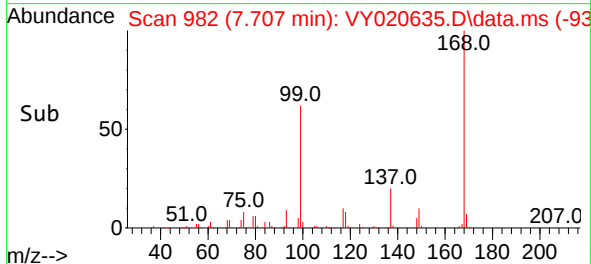
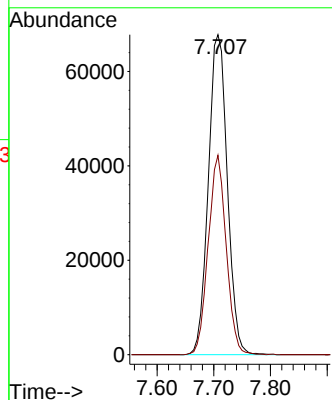
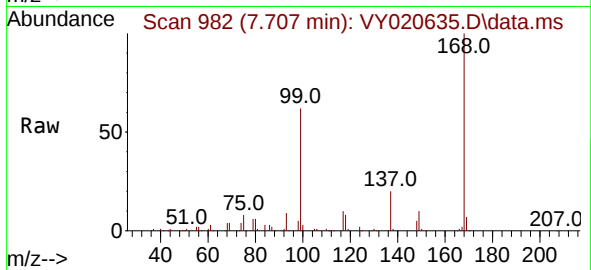




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

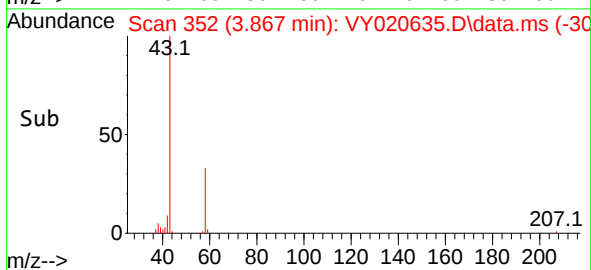
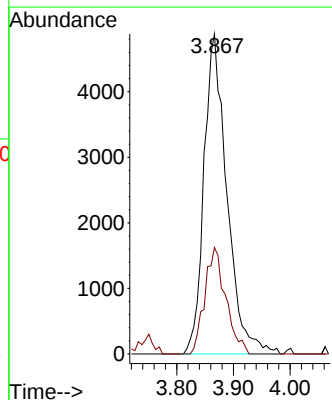
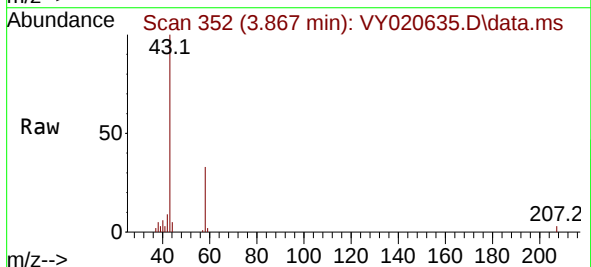
Instrument :
MSVOA_Y
ClientSampleId :

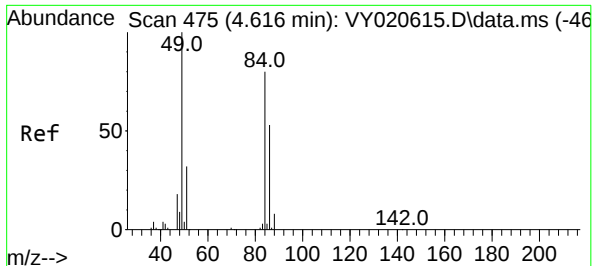
Tgt Ion:168 Resp: 157761
Ion Ratio Lower Upper
168 100
99 62.3 47.0 70.6



#16
Acetone
Concen: 34.486 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.001 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

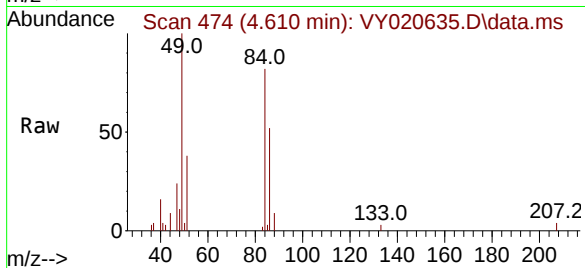
Tgt Ion: 43 Resp: 13742
Ion Ratio Lower Upper
43 100
58 33.3 25.0 37.6



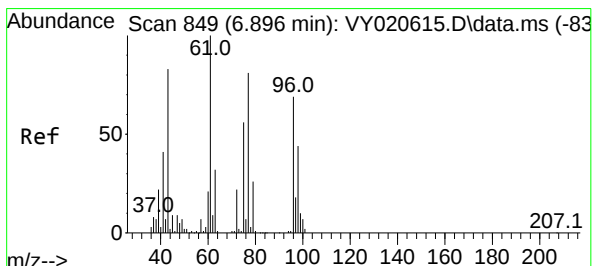
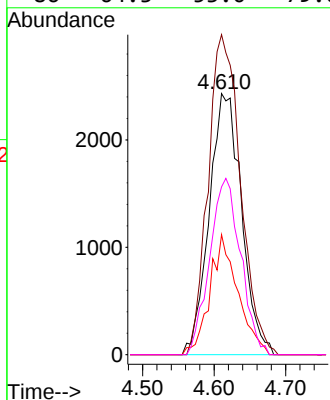
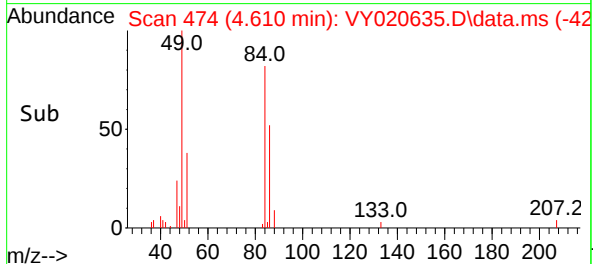


#20
Methylene Chloride
Concen: 3.553 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :

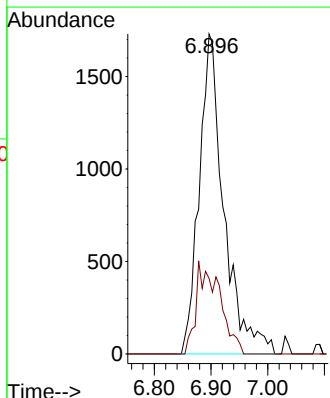
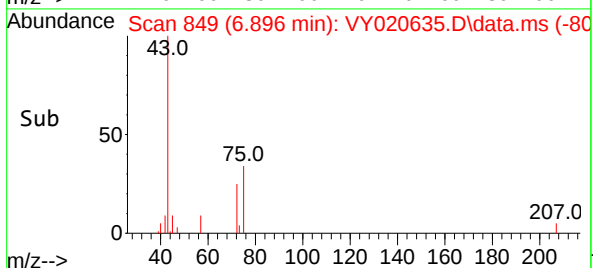
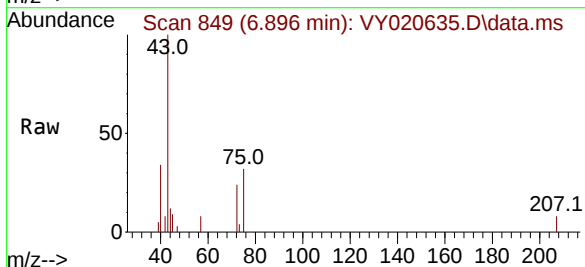


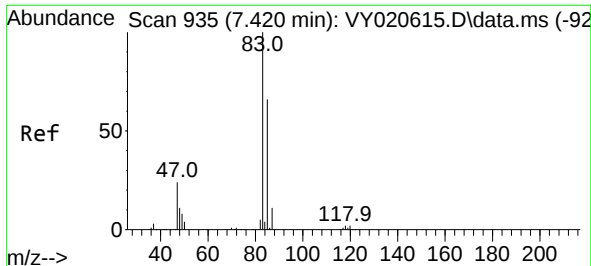
Tgt Ion:	84	Resp:	7633
Ion	Ratio	Lower	Upper
84	100		
49	122.5	100.7	151.1
51	46.0	32.2	48.2
86	64.3	53.0	79.6



#25
2-Butanone
Concen: 8.148 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

Tgt Ion:	43	Resp:	5232
Ion	Ratio	Lower	Upper
43	100		
72	23.6	20.6	31.0





#30

Chloroform

Concen: Below Cal

RT: 7.421 min Scan# 91

Delta R.T. 0.001 min

Lab File: VY020635.D

Acq: 18 Dec 2024 14:54

Instrument :

MSVOA_Y

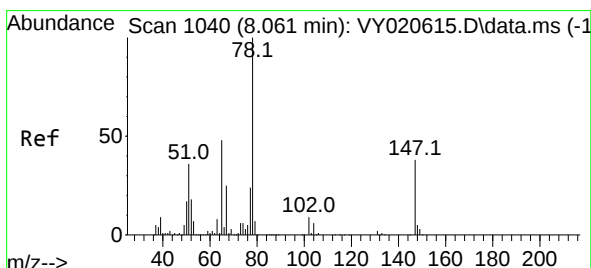
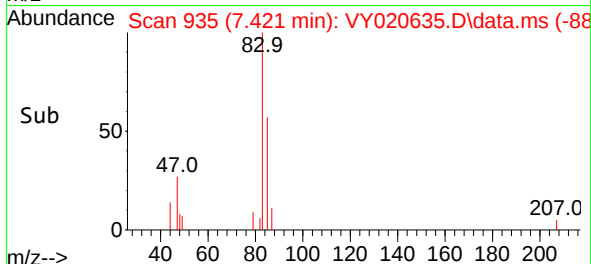
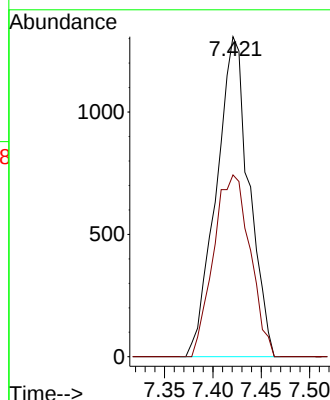
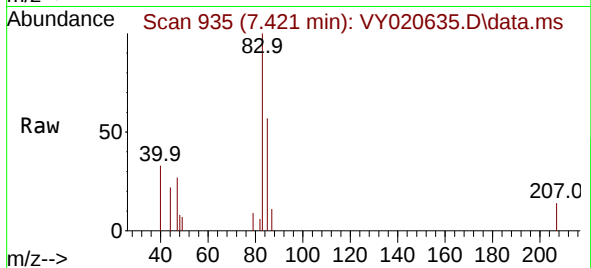
ClientSampleId :

Tgt Ion: 83 Resp: 3092

Ion Ratio Lower Upper

83 100

85 56.8 52.7 79.1



#33

1,2-Dichloroethane-d4

Concen: 58.533 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020635.D

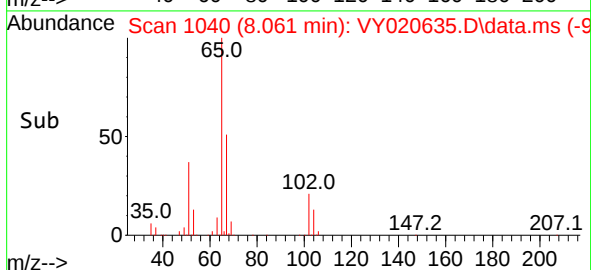
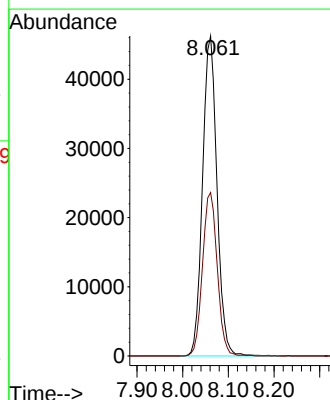
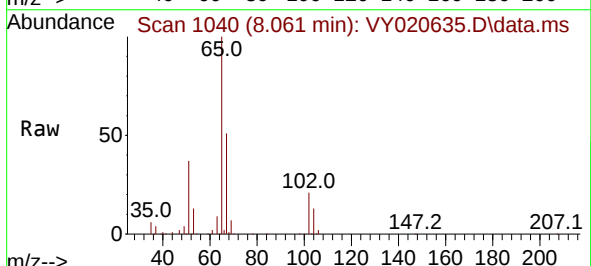
Acq: 18 Dec 2024 14:54

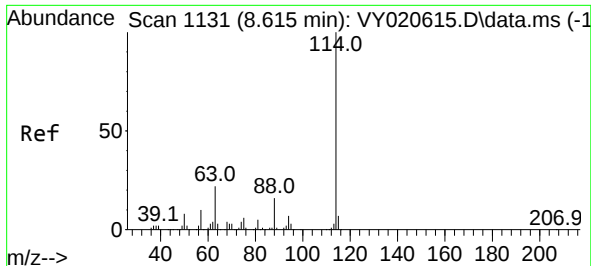
Tgt Ion: 65 Resp: 101134

Ion Ratio Lower Upper

65 100

67 52.2 0.0 108.0

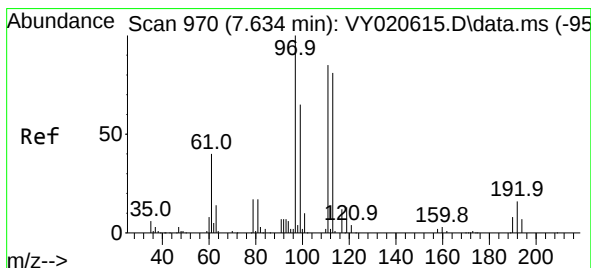
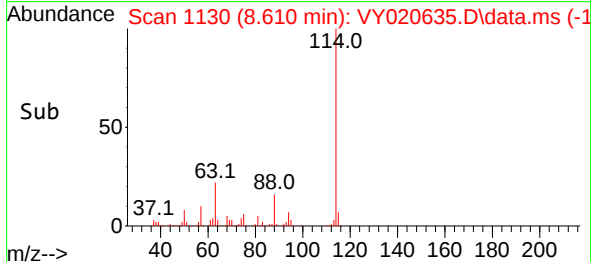
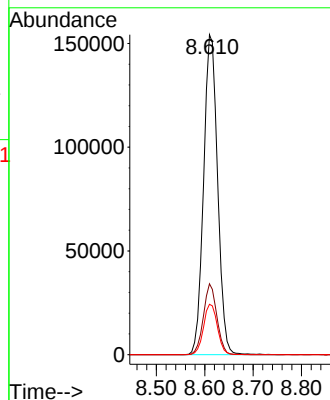
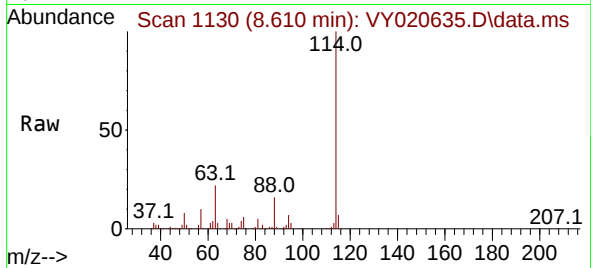




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

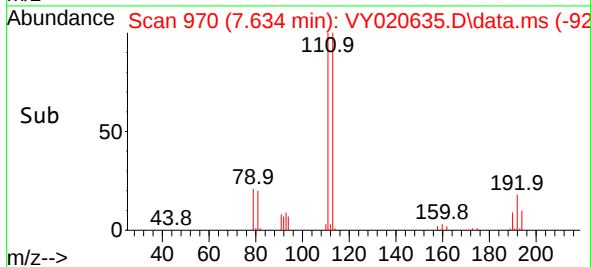
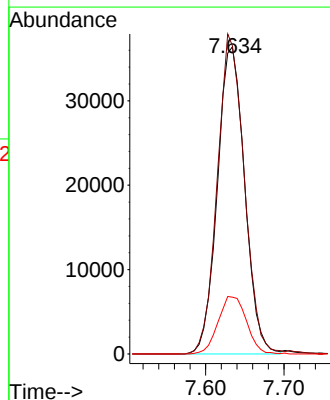
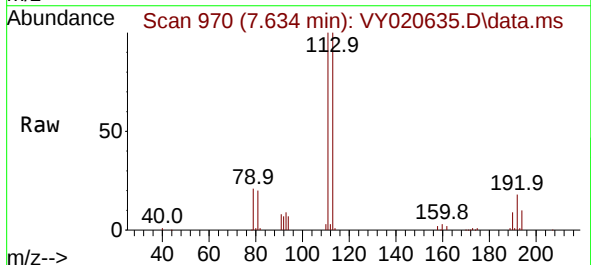
Instrument :
MSVOA_Y
ClientSampleId :

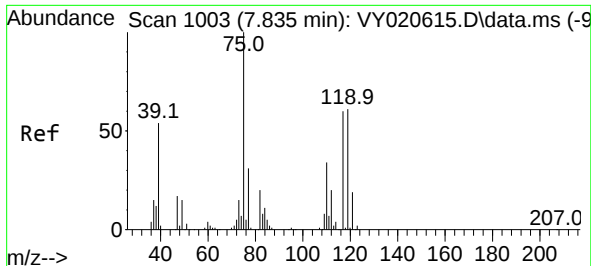
Tgt Ion:114 Resp: 310451
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 40.338 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

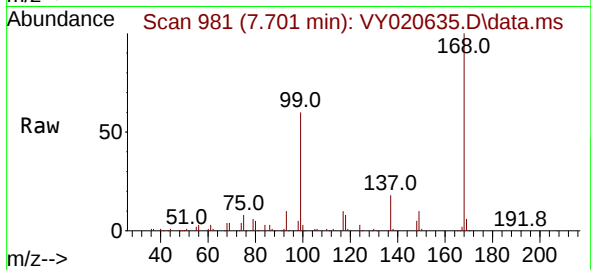
Tgt Ion:113 Resp: 88259
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.5 15.7 23.5



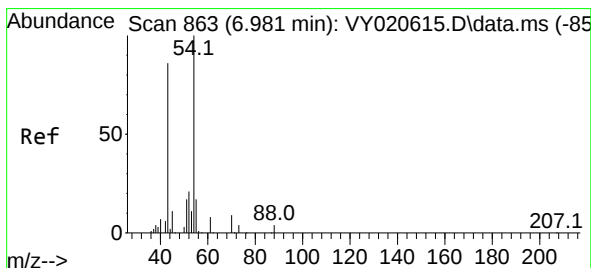
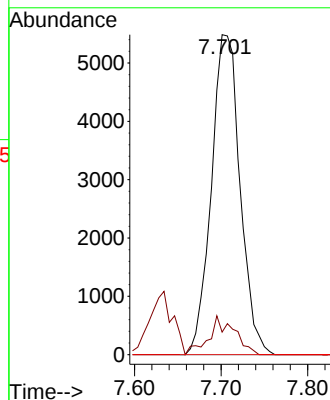
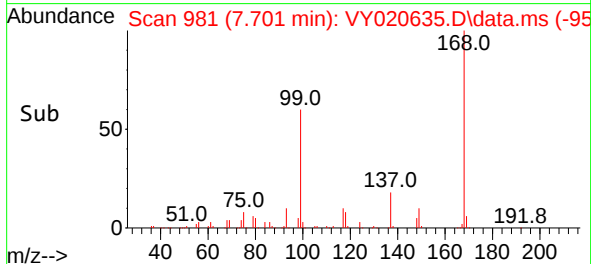


#36
1,1-Dichloropropene
Concen: 3.169 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :

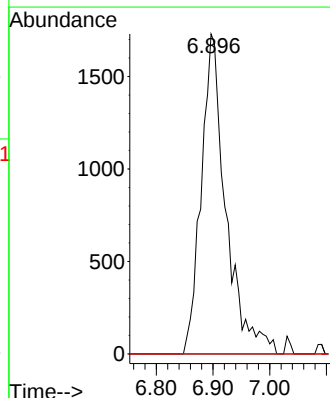
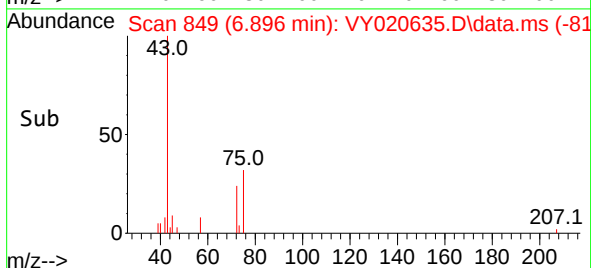
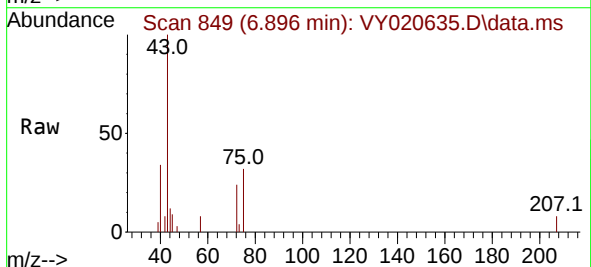


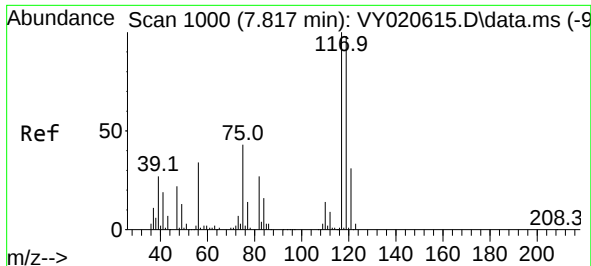
Tgt Ion: 75 Resp: 12643
Ion Ratio Lower Upper
75 100
110 10.3 16.8 50.4#
77 0.0 25.0 37.6#



#37
Ethyl Acetate
Concen: 2.788 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.085 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

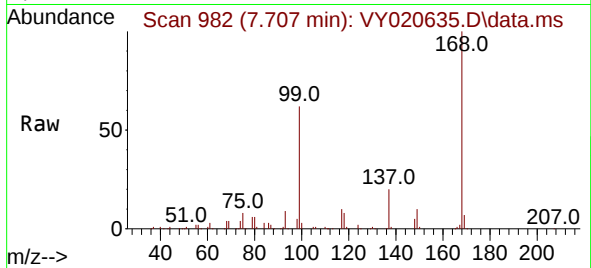
Tgt Ion: 43 Resp: 5232
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 0.0 7.9 11.9#



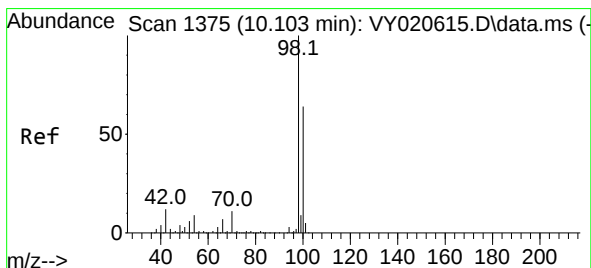
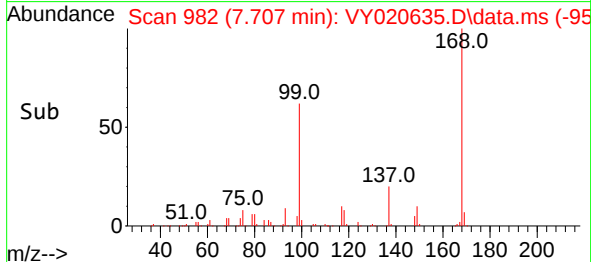
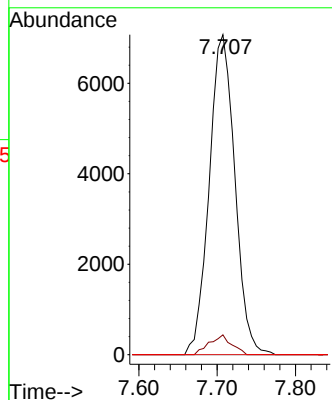


#38
Carbon Tetrachloride
Concen: 3.650 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.109 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :

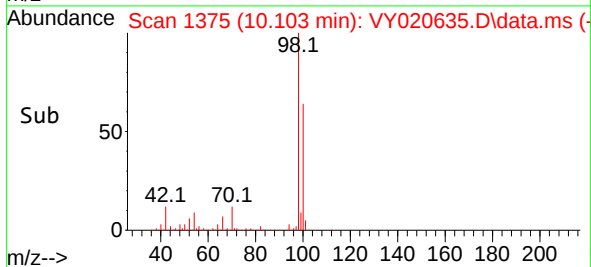
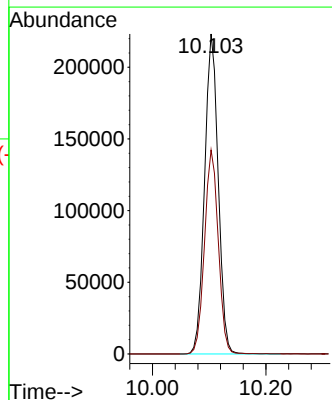
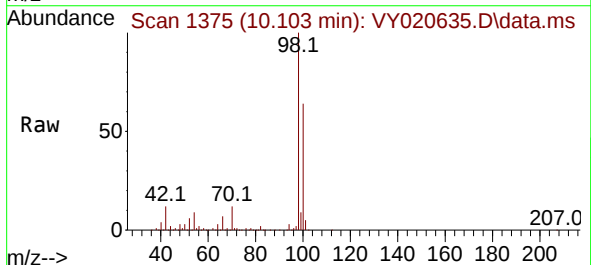


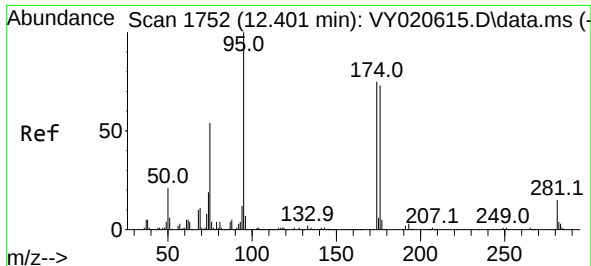
Tgt Ion:117 Resp: 16111
Ion Ratio Lower Upper
117 100
119 6.2 78.3 117.5#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 48.673 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

Tgt Ion: 98 Resp: 372749
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

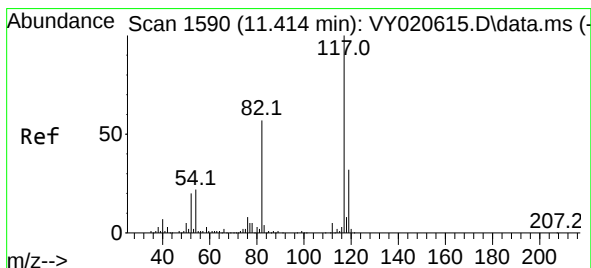
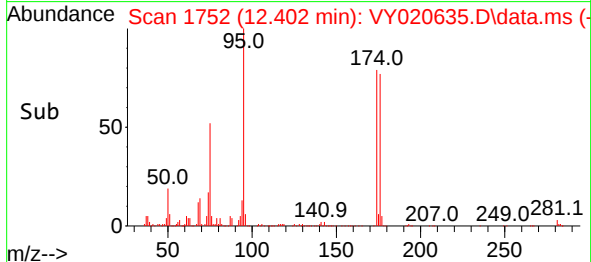
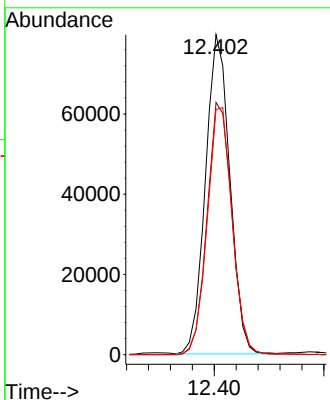
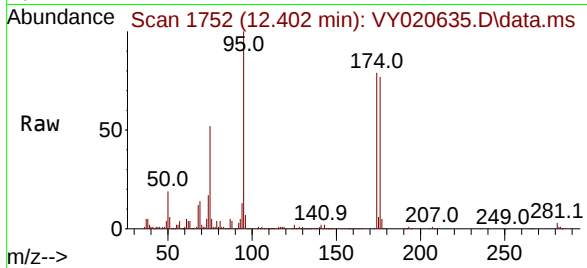




#62
4-Bromofluorobenzene
Concen: 41.011 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

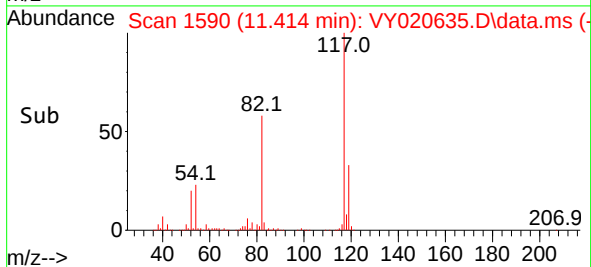
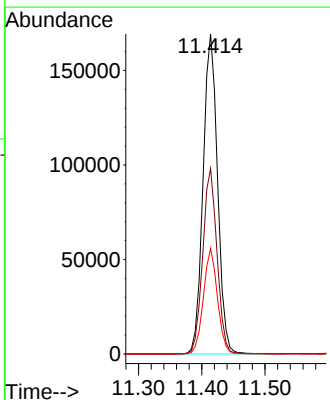
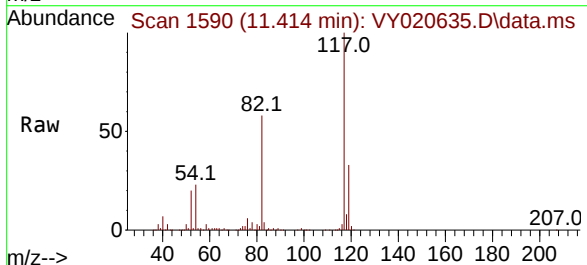
Instrument :
MSVOA_Y
ClientSampleId :

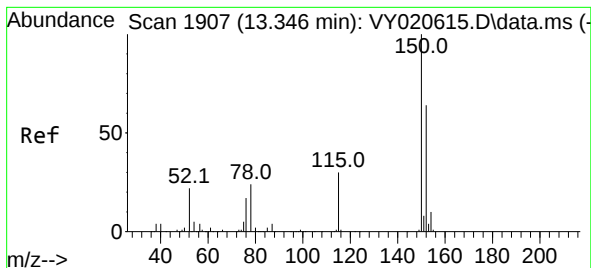
Tgt Ion: 95 Resp: 122857
Ion Ratio Lower Upper
95 100
174 80.7 0.0 161.8
176 79.2 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

Tgt Ion: 117 Resp: 269674
Ion Ratio Lower Upper
117 100
82 58.0 45.8 68.6
119 33.0 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

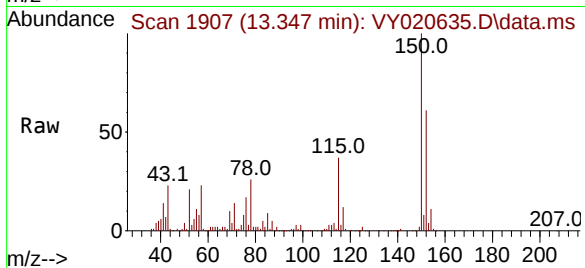
Lab File: VY020635.D

Acq: 18 Dec 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :



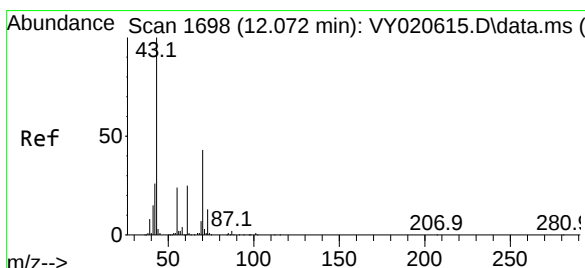
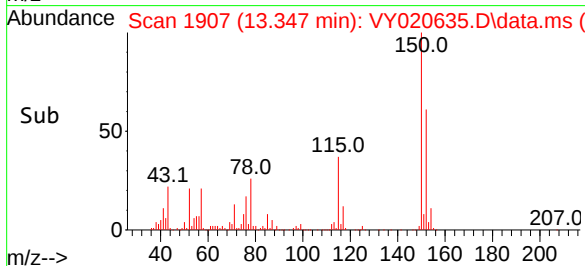
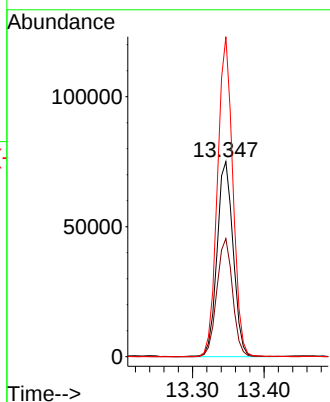
Tgt Ion:152 Resp: 117196

Ion Ratio Lower Upper

152 100

115 59.5 30.2 90.6

150 156.6 0.0 355.4



#74

N-ethyl acetate

Concen: 1.192 ug/l

RT: 12.048 min Scan# 1694

Delta R.T. -0.024 min

Lab File: VY020635.D

Acq: 18 Dec 2024 14:54

Tgt Ion: 43 Resp: 2852

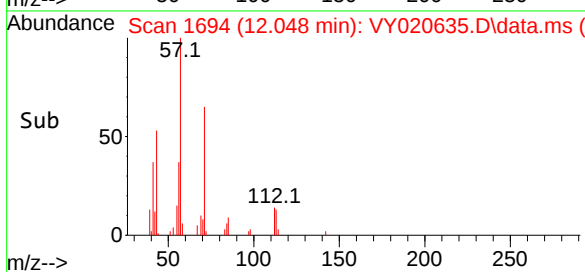
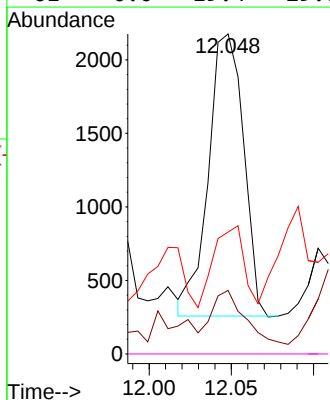
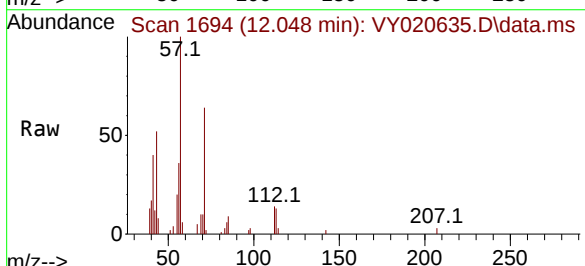
Ion Ratio Lower Upper

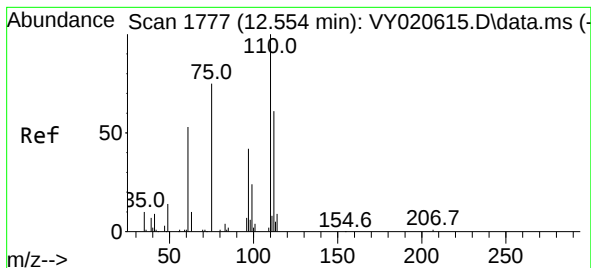
43 100

70 17.5 34.2 51.2#

55 24.7 19.6 29.4

61 0.0 19.4 29.0#





#76

1,2,3-Trichloropropane

Concen: 53.963 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY020635.D

Acq: 18 Dec 2024 14:54

Instrument :

MSVOA_Y

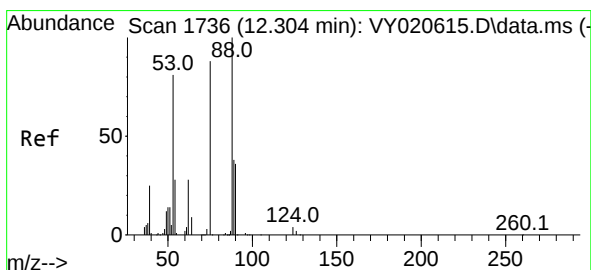
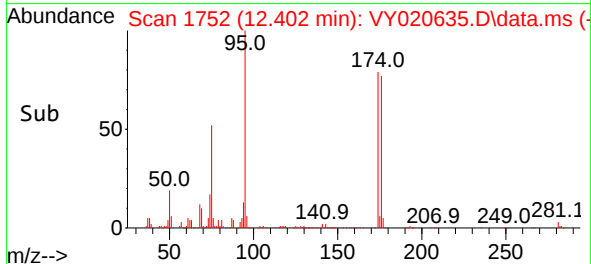
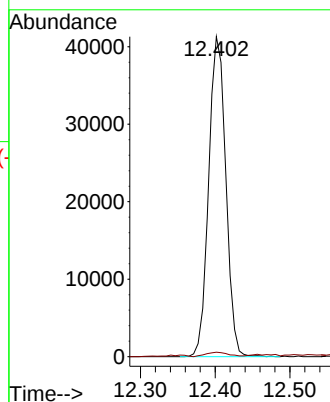
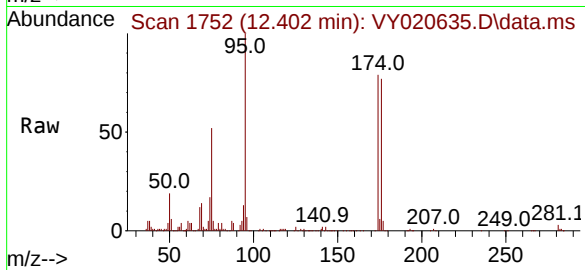
ClientSampleId :

Tgt Ion: 75 Resp: 65697

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.271 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY020635.D

Acq: 18 Dec 2024 14:54

Tgt Ion: 75 Resp: 65697

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.2#

89 0.1 37.0 55.4#

