

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020639.D
 Acq On : 18 Dec 2024 16:27
 Operator : SY/MD
 Sample : P5299-02
 Misc : 7.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 19 02:50:22 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)

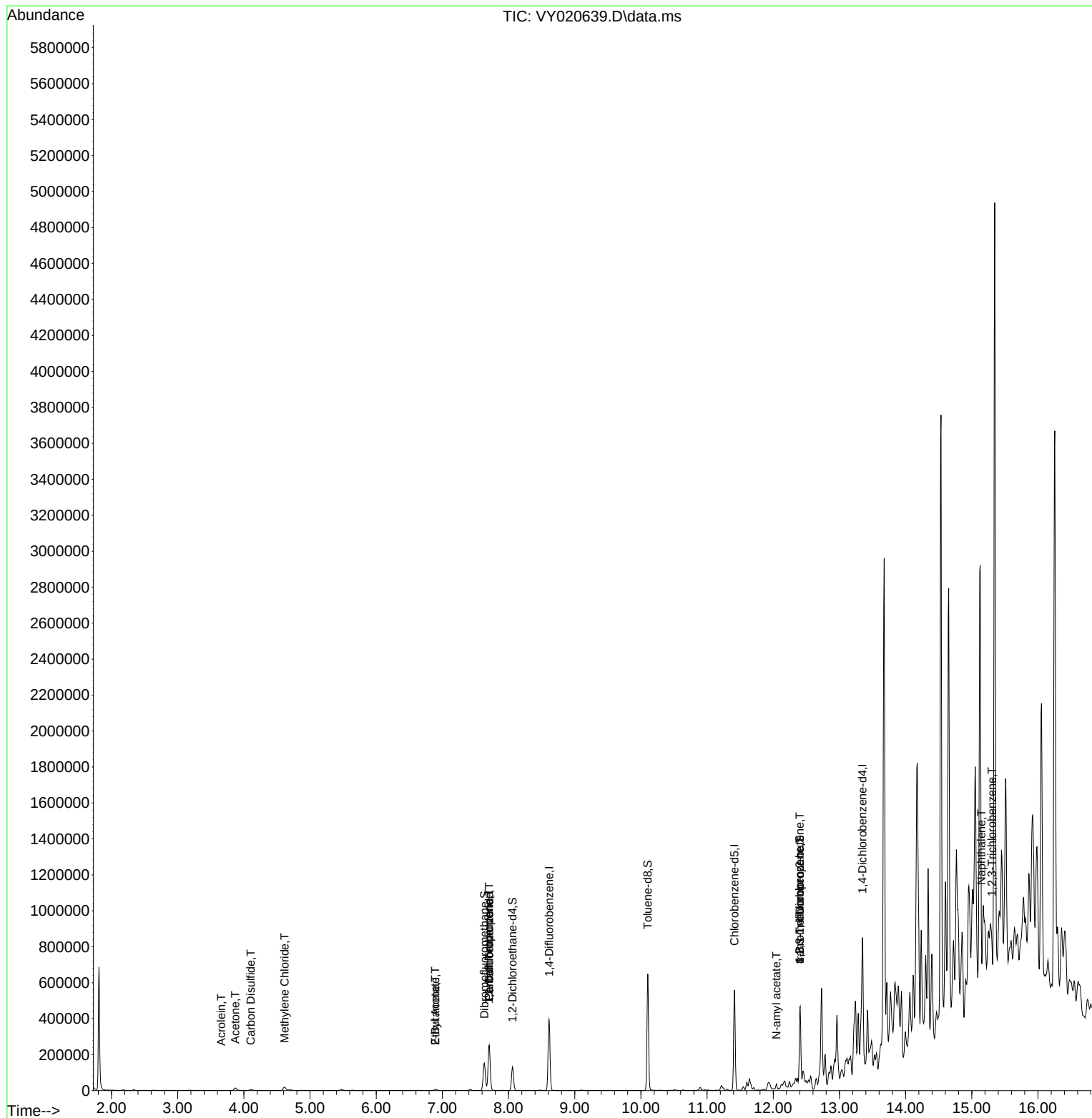
Internal Standards						
1) Pentafluorobenzene	7.707	168	192200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	339150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	294759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	123499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104831	49.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.600%
35) Dibromofluoromethane	7.634	113	107937	45.157	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.320%
50) Toluene-d8	10.103	98	408746	48.857	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.401	95	132372	40.448	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	1432	Below Cal	#	78
13) Acrolein	3.659	56	128	1.286	ug/l #	14
16) Acetone	3.872	43	25384	55.697	ug/l	97
17) Carbon Disulfide	4.104	76	8955	1.142	ug/l	99
20) Methylene Chloride	4.616	84	13870	5.300	ug/l	94
25) 2-Butanone	6.890	43	8591	10.982	ug/l	93
30) Chloroform	7.414	83	5425	Below Cal		85
36) 1,1-Dichloropropene	7.701	75	15491	3.554	ug/l #	50
37) Ethyl Acetate	6.890	43	8591	4.190	ug/l #	69
38) Carbon Tetrachloride	7.707	117	19838	4.114	ug/l #	14
74) N-amyl acetate	12.048	43	6491	2.574	ug/l #	61
76) 1,2,3-Trichloropropane	12.401	75	69989	54.555	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	69989	114.512	ug/l #	12
95) Naphthalene	15.145	128	4404	1.058	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.303	180	12081	5.887	ug/l #	32

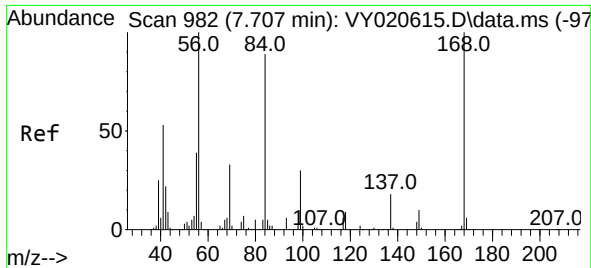
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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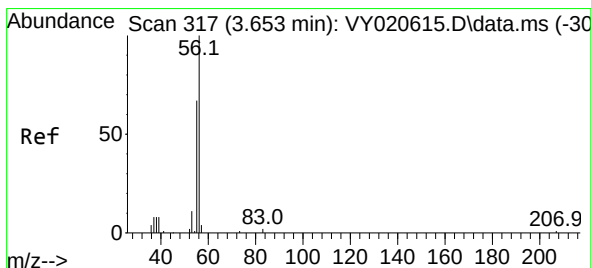
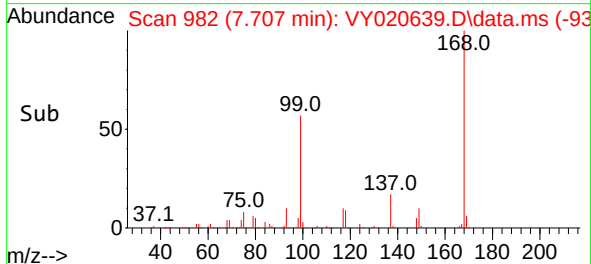
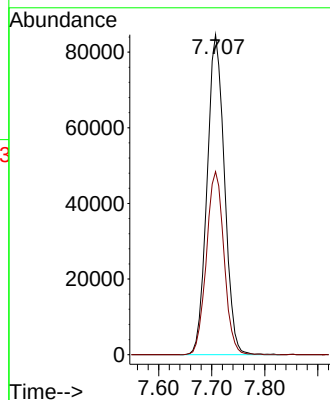
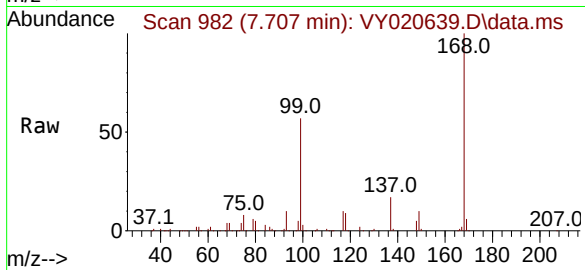




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

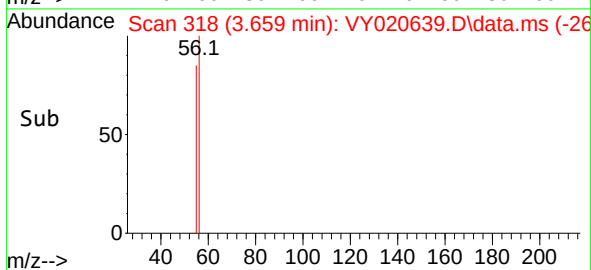
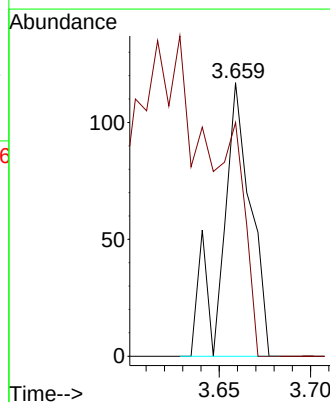
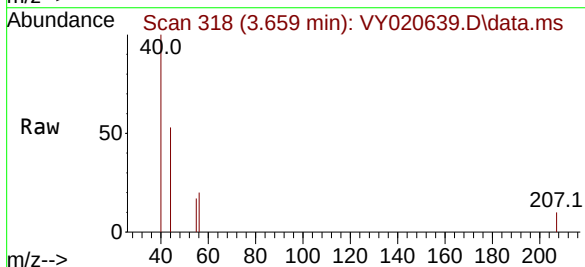
Instrument :
MSVOA_Y
ClientSampleId :

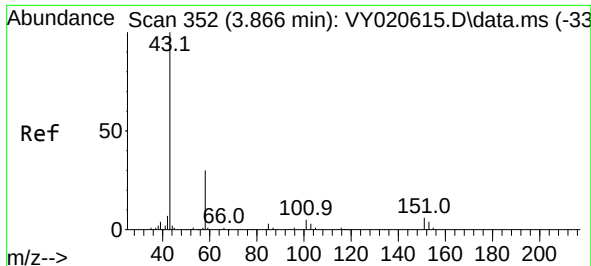
Tgt Ion:168 Resp: 192200
Ion Ratio Lower Upper
168 100
99 57.2 47.0 70.6



#13
Acrolein
Concen: 1.286 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

Tgt Ion: 56 Resp: 128
Ion Ratio Lower Upper
56 100
55 0.0 57.5 86.3#





#16

Acetone

Concen: 55.697 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.006 min

Lab File: VY020639.D

Acq: 18 Dec 2024 16:27

Instrument :

MSVOA_Y

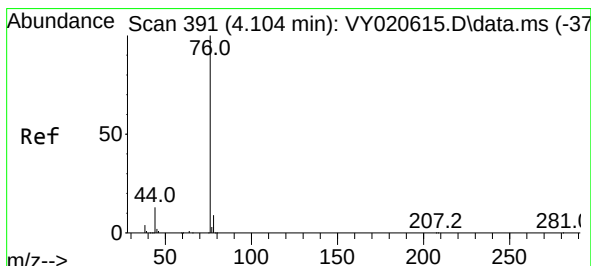
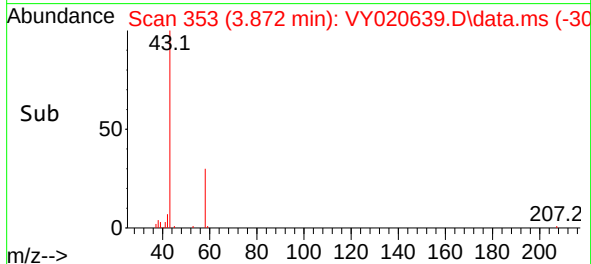
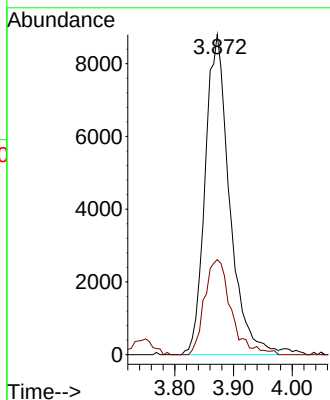
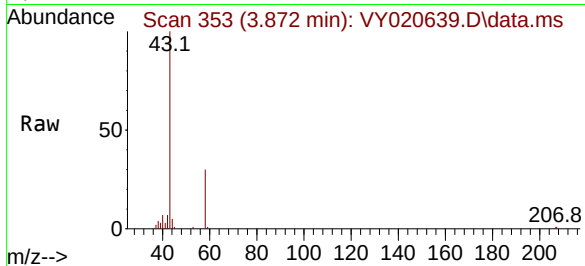
ClientSampleId :

Tgt Ion: 43 Resp: 25384

Ion Ratio Lower Upper

43 100

58 29.7 25.0 37.6



#17

Carbon Disulfide

Concen: 1.142 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY020639.D

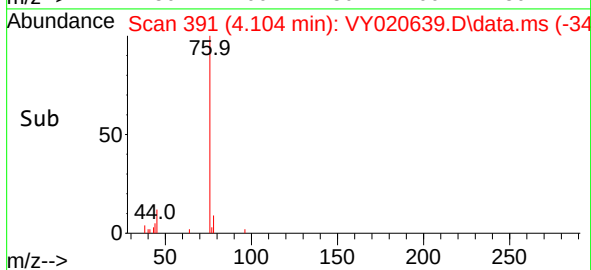
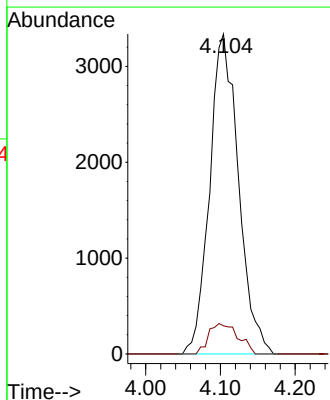
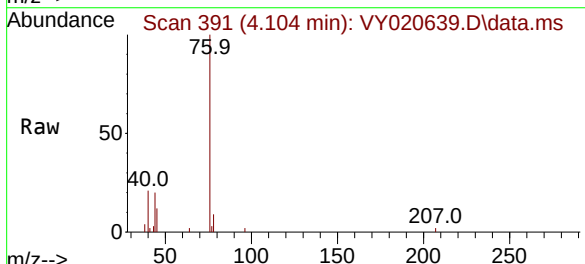
Acq: 18 Dec 2024 16:27

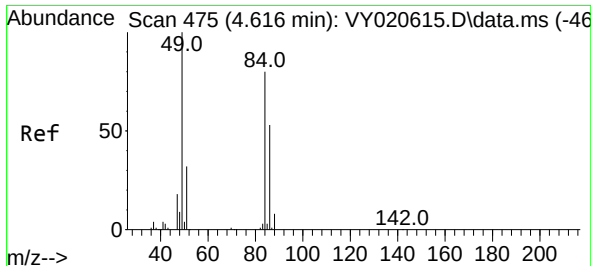
Tgt Ion: 76 Resp: 8955

Ion Ratio Lower Upper

76 100

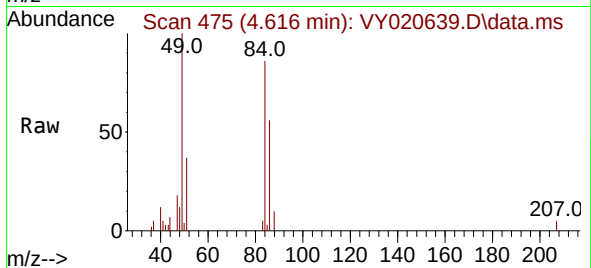
78 8.8 7.2 10.8



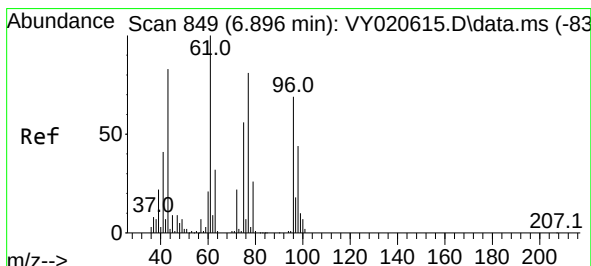
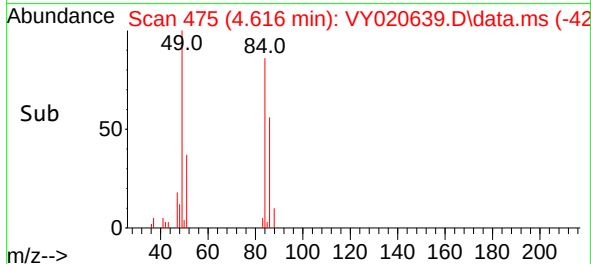
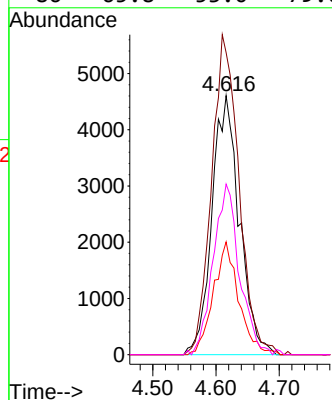


#20
Methylene Chloride
Concen: 5.300 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

Instrument :
MSVOA_Y
ClientSampleId :

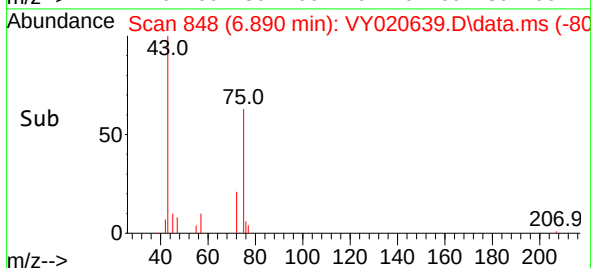
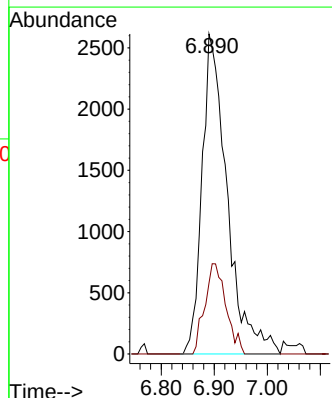
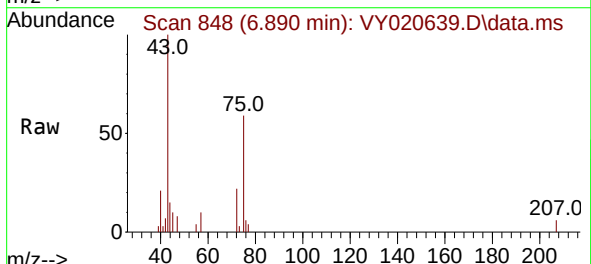


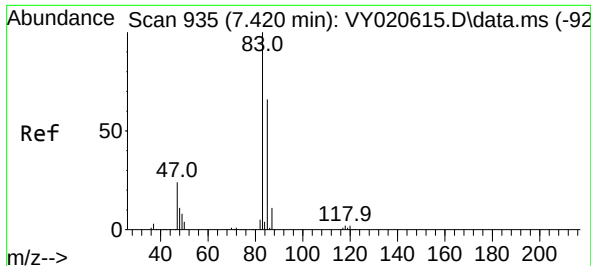
Tgt Ion:	84	Resp:	13870
Ion	Ratio	Lower	Upper
84	100		
49	116.6	100.7	151.1
51	43.5	32.2	48.2
86	65.8	53.0	79.6



#25
2-Butanone
Concen: 10.982 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

Tgt Ion:	43	Resp:	8591
Ion	Ratio	Lower	Upper
43	100		
72	22.2	20.6	31.0

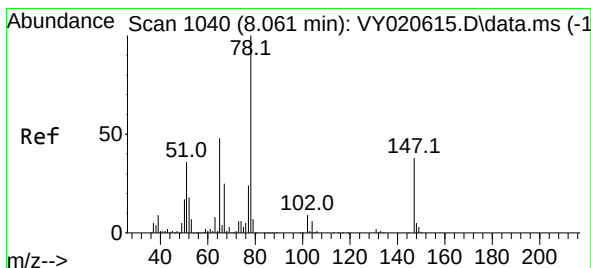
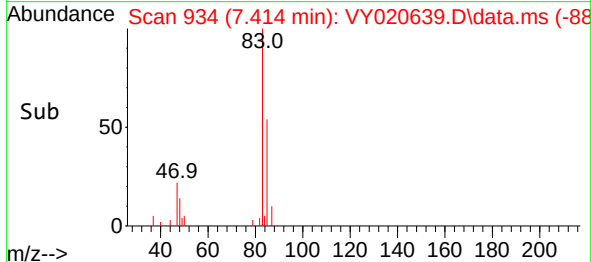
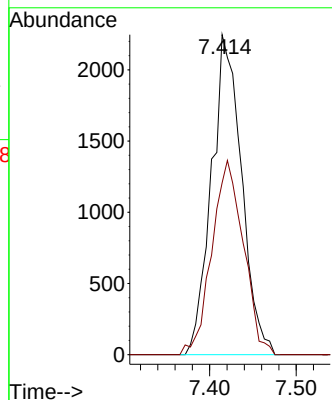
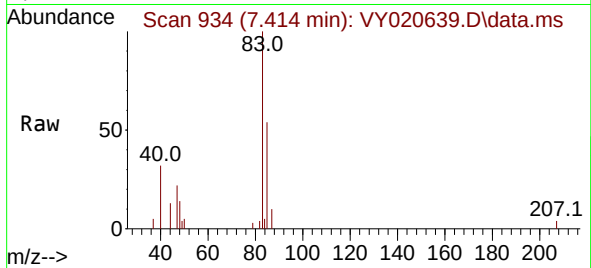




#30
Chloroform
Concen: Below Cal
RT: 7.414 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

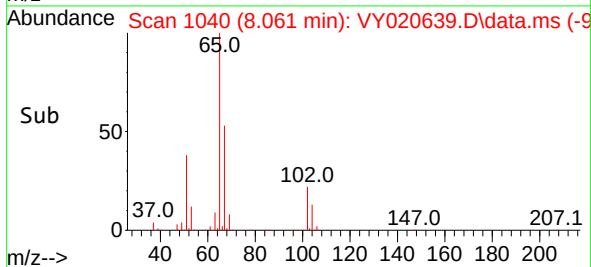
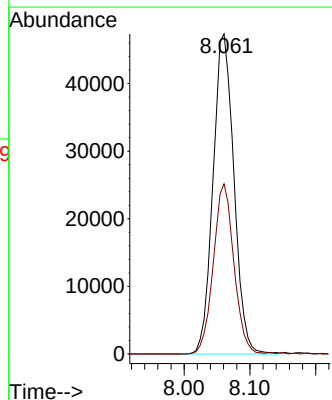
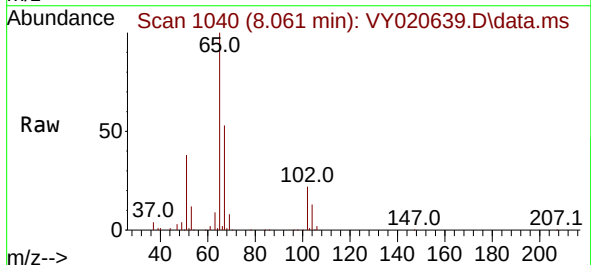
Instrument :
MSVOA_Y
ClientSampleId :

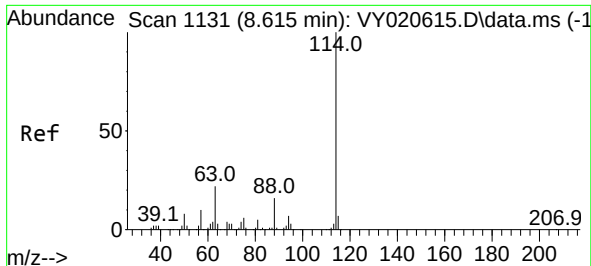
Tgt Ion: 83 Resp: 5425
Ion Ratio Lower Upper
83 100
85 53.7 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 49.801 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

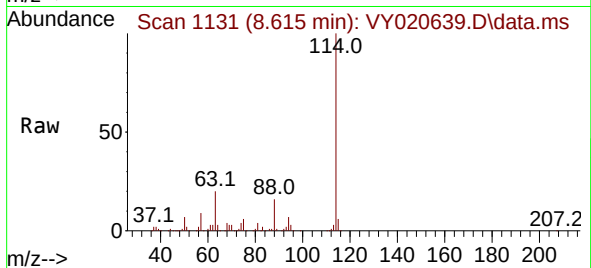
Tgt Ion: 65 Resp: 104831
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.0



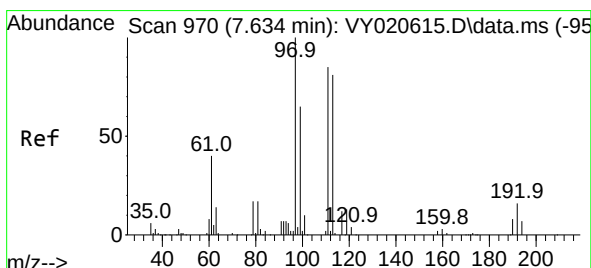
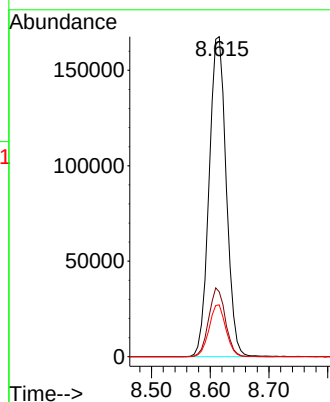
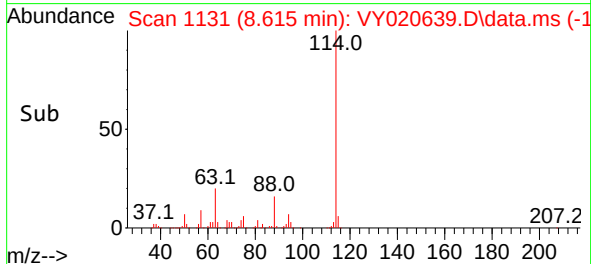


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

Instrument :
MSVOA_Y
ClientSampleId :

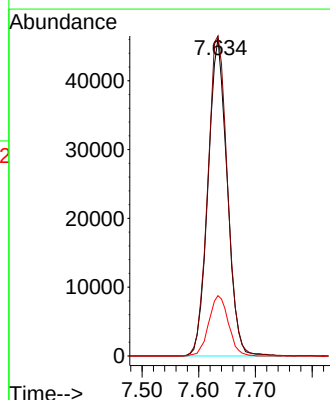
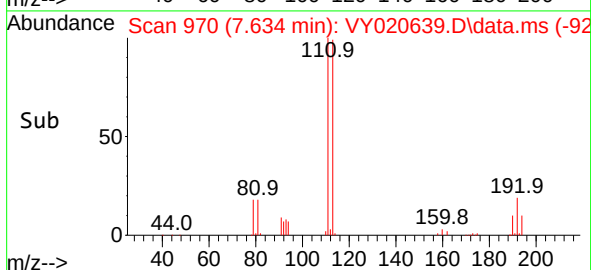
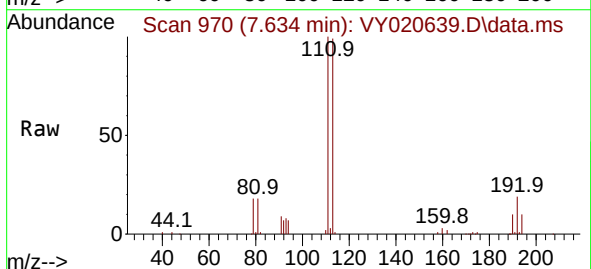


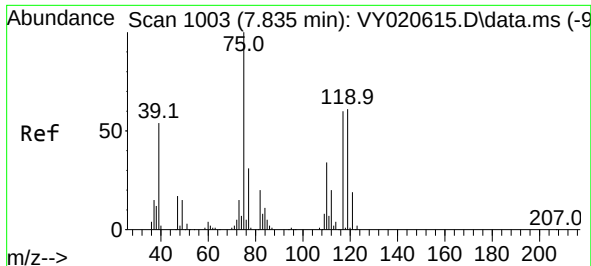
Tgt Ion:	114	Resp:	339150
Ion Ratio	100	Lower	Upper
63	20.2	0.0	44.0
88	16.2	0.0	32.8



#35
Dibromofluoromethane
Concen: 45.157 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

Tgt Ion:	113	Resp:	107937
Ion Ratio	100	Lower	Upper
111	103.9	82.9	124.3
192	19.5	15.7	23.5

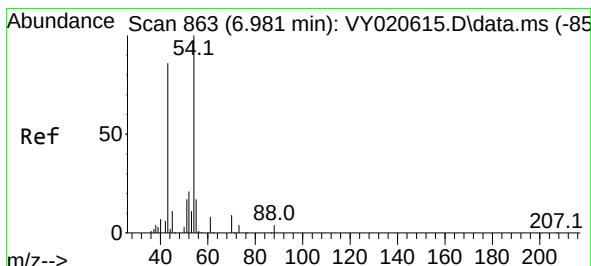
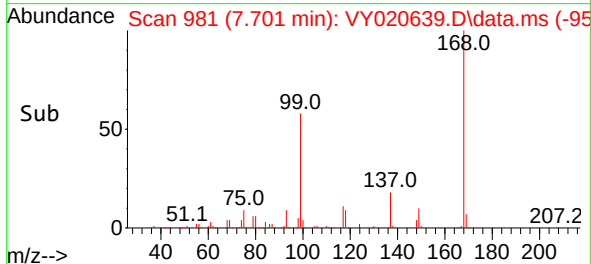
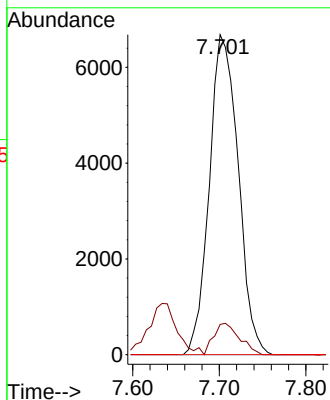
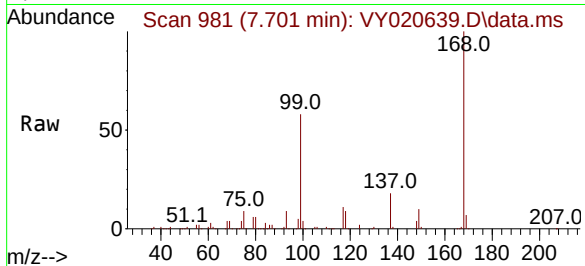




#36
1,1-Dichloropropene
Concen: 3.554 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

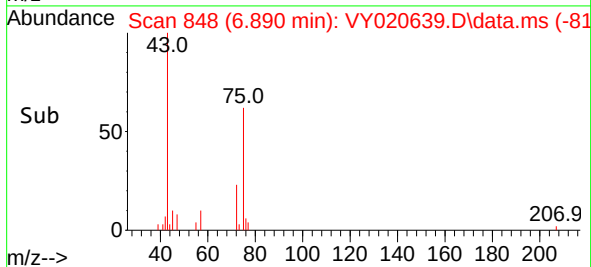
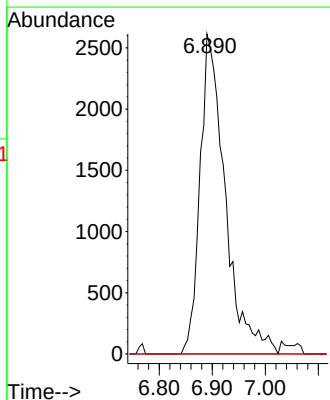
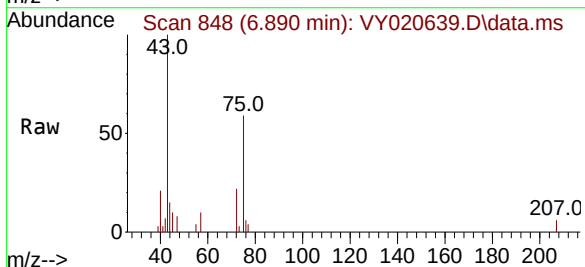
Instrument :
MSVOA_Y
ClientSampleId :

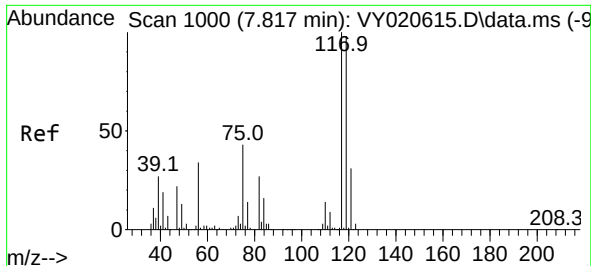
Tgt Ion: 75 Resp: 15491
Ion Ratio Lower Upper
75 100
110 8.8 16.8 50.4#
77 0.0 25.0 37.6#



#37
Ethyl Acetate
Concen: 4.190 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.091 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

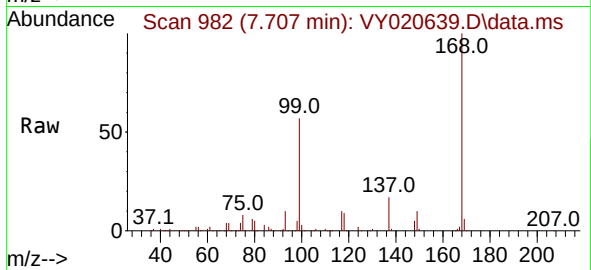
Tgt Ion: 43 Resp: 8591
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 0.0 7.9 11.9#



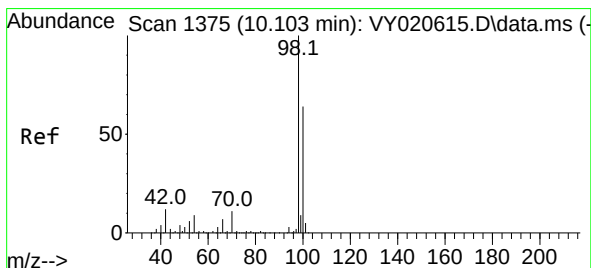
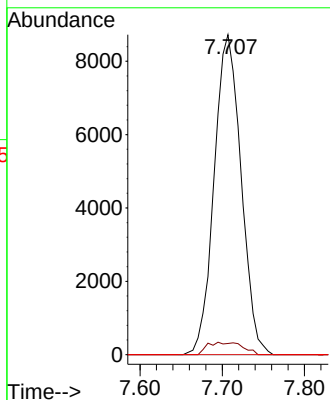
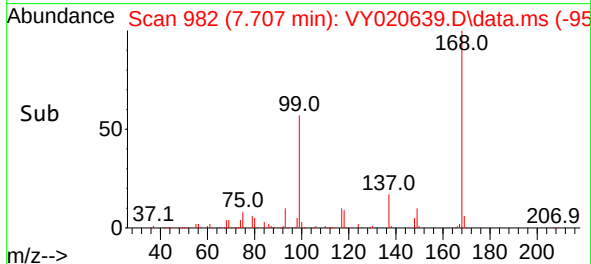


#38
Carbon Tetrachloride
Concen: 4.114 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

Instrument :
MSVOA_Y
ClientSampleId :

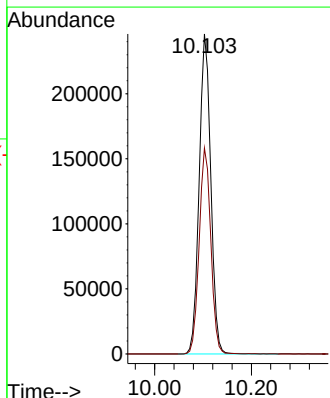
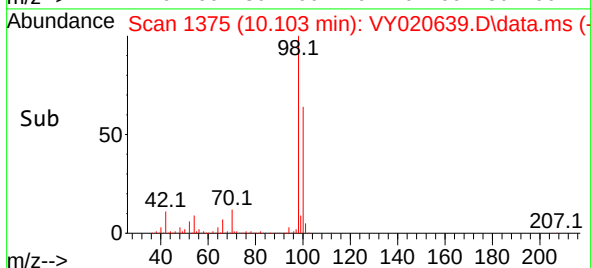
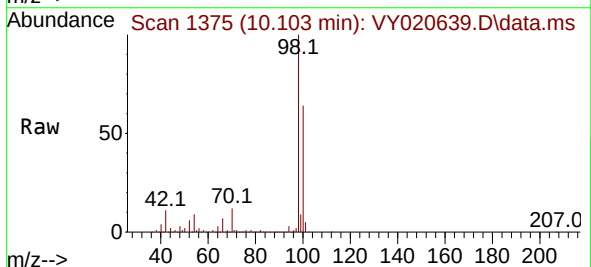


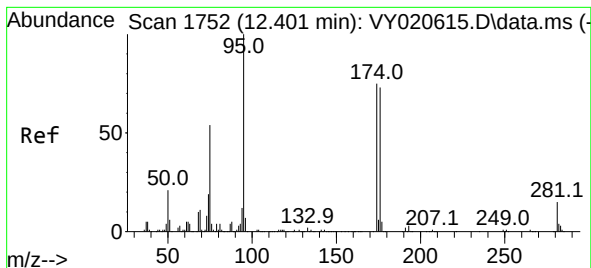
Tgt Ion:117 Resp: 19838
Ion Ratio Lower Upper
117 100
119 3.5 78.3 117.5#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 48.857 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

Tgt Ion: 98 Resp: 408746
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

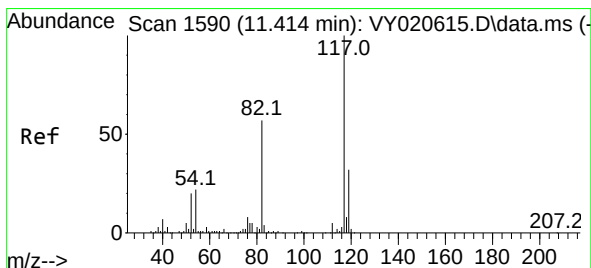
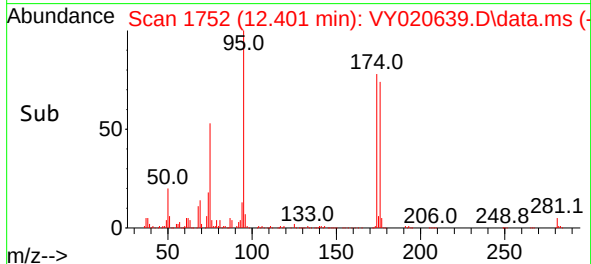
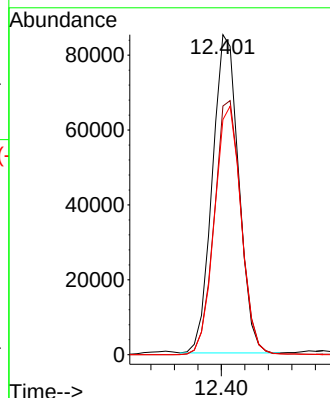
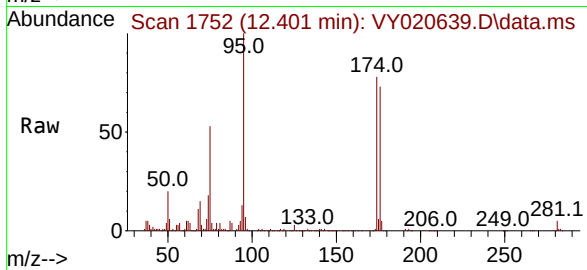




#62
4-Bromofluorobenzene
Concen: 40.448 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

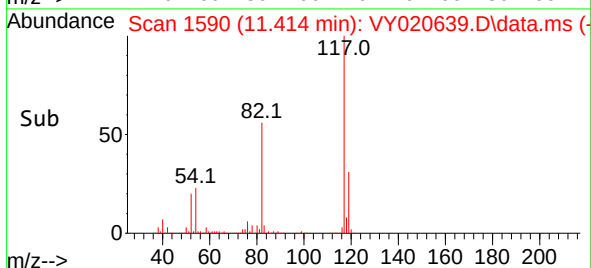
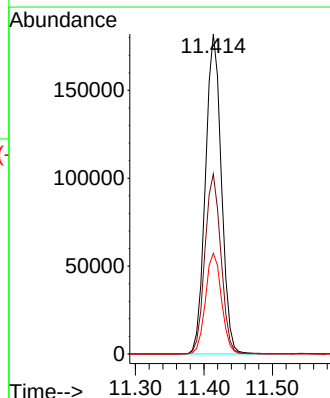
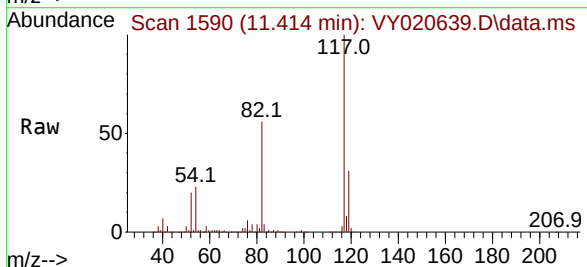
Instrument :
MSVOA_Y
ClientSampleId :

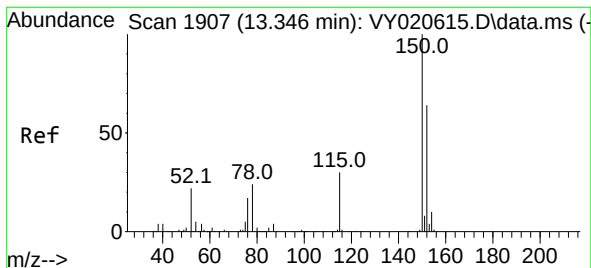
Tgt Ion: 95 Resp: 132372
Ion Ratio Lower Upper
95 100
174 81.5 0.0 161.8
176 79.3 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

Tgt Ion: 117 Resp: 294759
Ion Ratio Lower Upper
117 100
82 56.2 45.8 68.6
119 31.5 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: VY020639.D

Acq: 18 Dec 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

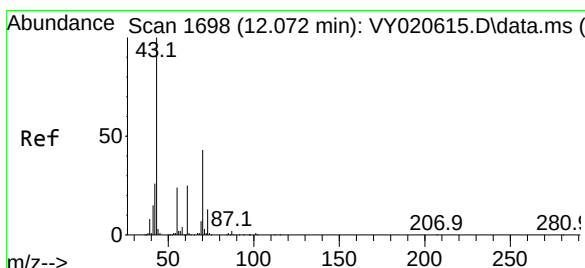
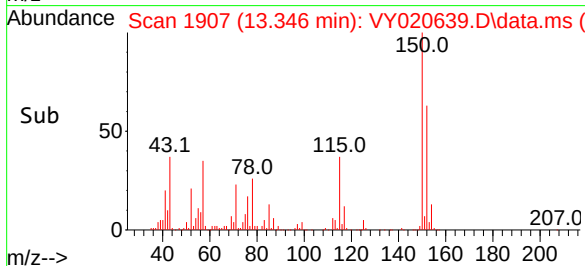
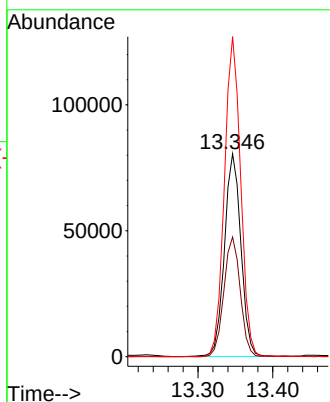
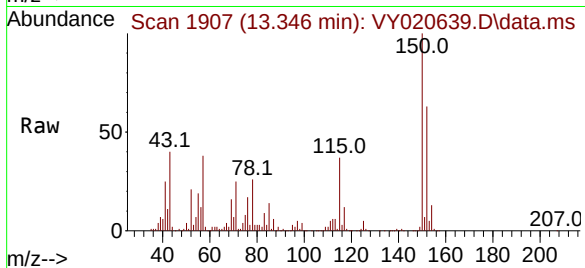
Tgt Ion:152 Resp: 123499

Ion Ratio Lower Upper

152 100

115 58.8 30.2 90.6

150 155.3 0.0 355.4



#74

N-ethyl acetate

Concen: 2.574 ug/l

RT: 12.048 min Scan# 1694

Delta R.T. -0.024 min

Lab File: VY020639.D

Acq: 18 Dec 2024 16:27

Tgt Ion: 43 Resp: 6491

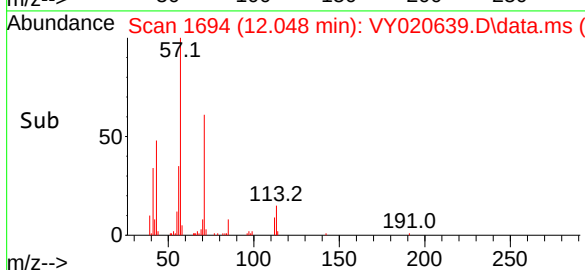
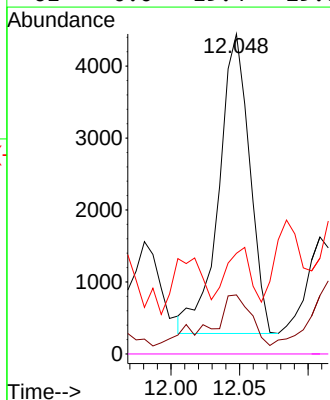
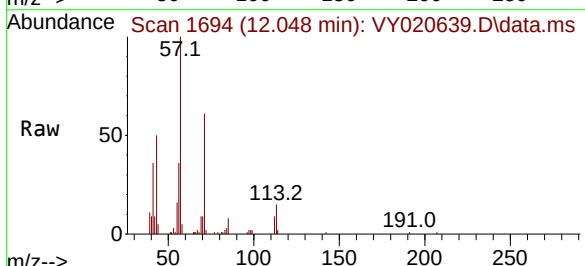
Ion Ratio Lower Upper

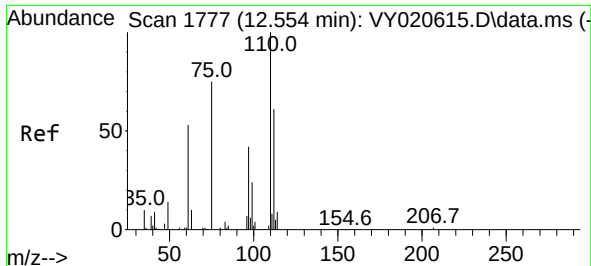
43 100

70 15.2 34.2 51.2#

55 13.6 19.6 29.4#

61 0.0 19.4 29.0#

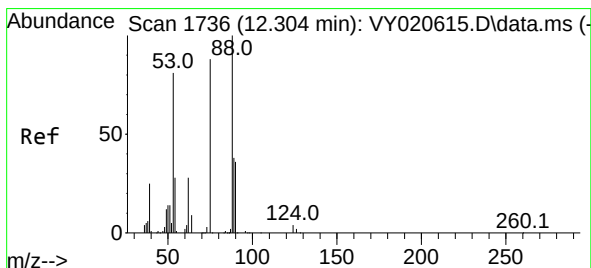
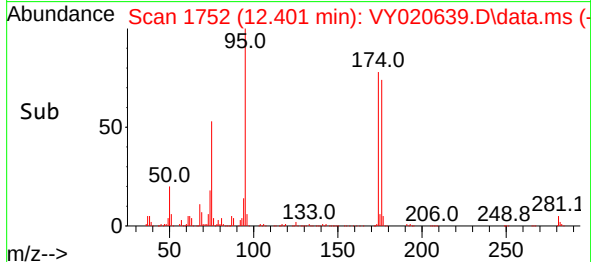
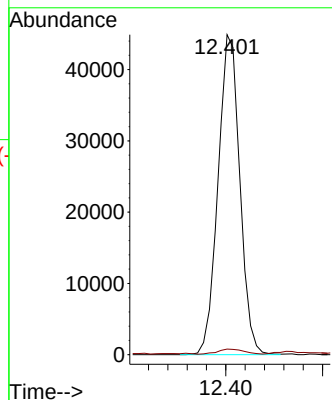
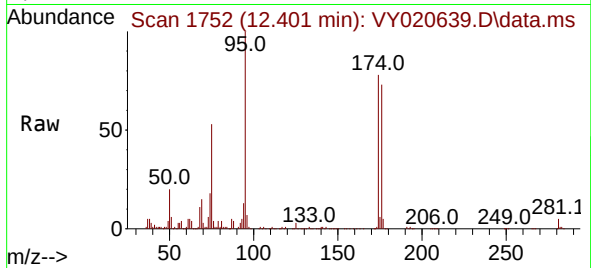




#76
1,2,3-Trichloropropane
Concen: 54.555 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

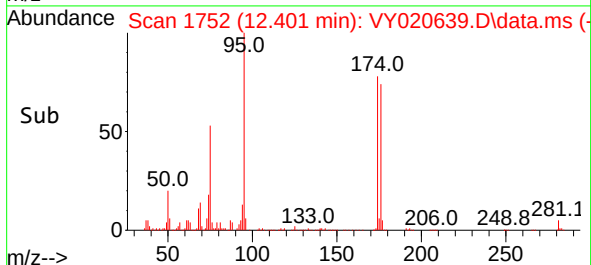
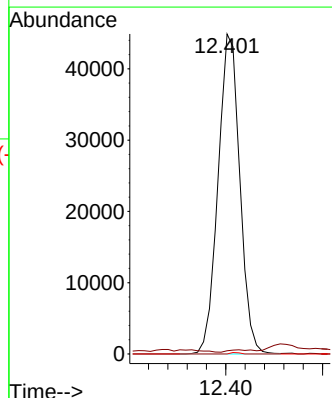
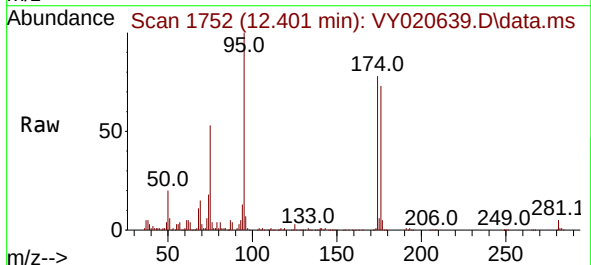
Instrument :
MSVOA_Y
ClientSampleId :

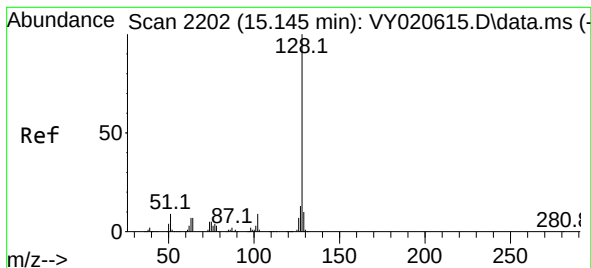
Tgt Ion: 75 Resp: 69989
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.512 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

Tgt Ion: 75 Resp: 69989
Ion Ratio Lower Upper
75 100
53 0.8 75.4 113.2#
89 0.2 37.0 55.4#





#95

Naphthalene

Concen: 1.058 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY020639.D

Acq: 18 Dec 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

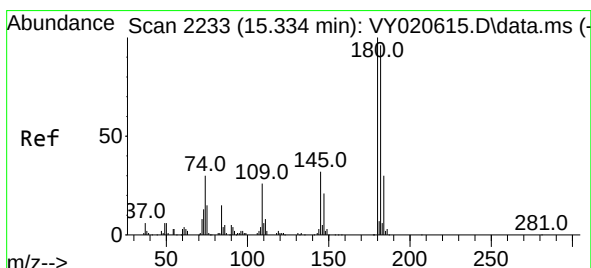
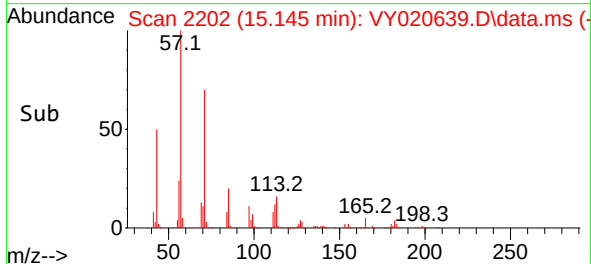
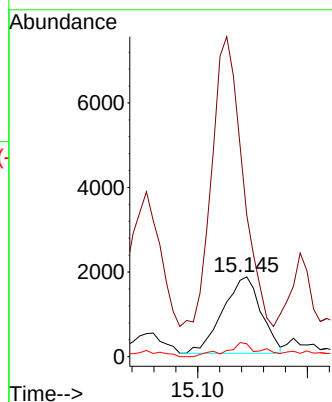
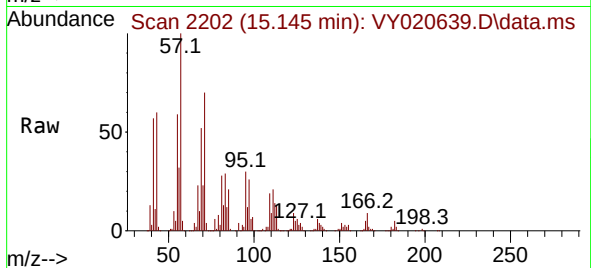
Tgt Ion:128 Resp: 4404

Ion Ratio Lower Upper

128 100

127 302.0 10.7 16.1#

129 12.9 8.5 12.7#



#96

1,2,3-Trichlorobenzene

Concen: 5.887 ug/l

RT: 15.303 min Scan# 2228

Delta R.T. -0.030 min

Lab File: VY020639.D

Acq: 18 Dec 2024 16:27

Tgt Ion:180 Resp: 12081

Ion Ratio Lower Upper

180 100

182 24.6 47.3 141.9#

145 2.1 16.0 48.0#

