

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009394.D
 Acq On : 30 Jun 2022 15:36
 Operator : KP/MD
 Sample : N3488-14
 Misc : 4.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 03:47:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

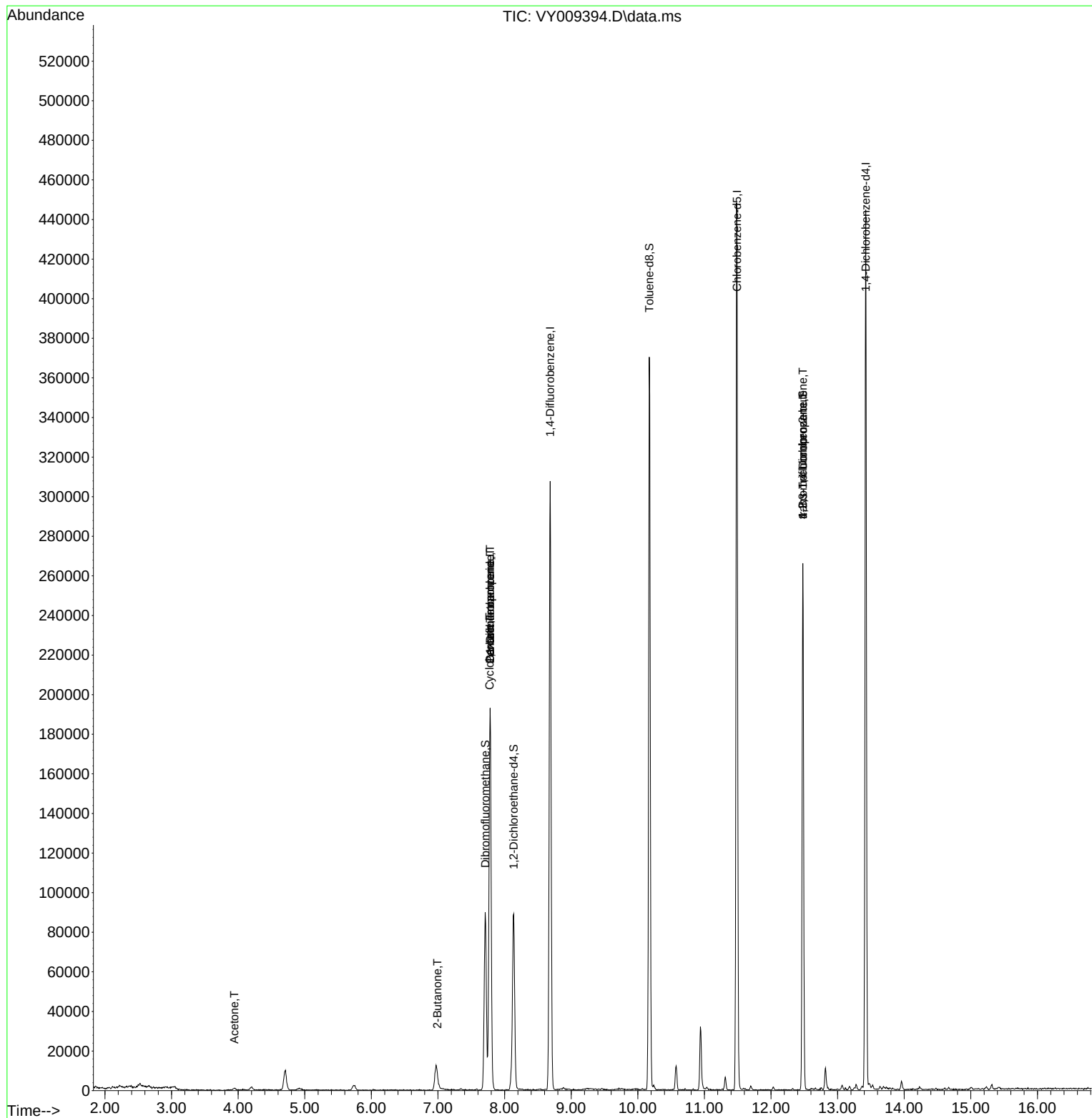
Internal Standards						
1) Pentafluorobenzene	7.783	168	150939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	257816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	242018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65444	54.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.260%	
35) Dibromofluoromethane	7.709	113	60459	42.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.220%	
50) Toluene-d8	10.172	98	234559	53.915	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.477	95	73814	35.774	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.540%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.923	59	876	Below Cal	#	77
16) Acetone	3.942	43	1678	4.226	ug/l #	81
18) Methyl Acetate	4.472	43	139	Below Cal	#	56
20) Methylene Chloride	4.704	84	7128	Below Cal	#	90
25) 2-Butanone	6.990	43	1130	1.795	ug/l #	89
31) Cyclohexane	7.777	56	3318	1.220	ug/l #	14
36) 1,1-Dichloropropene	7.783	75	12077	4.868	ug/l #	50
38) Carbon Tetrachloride	7.783	117	14706	5.671	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	40330	31.536	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	40330	70.215	ug/l #	7

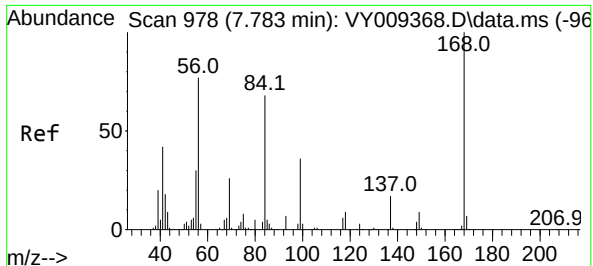
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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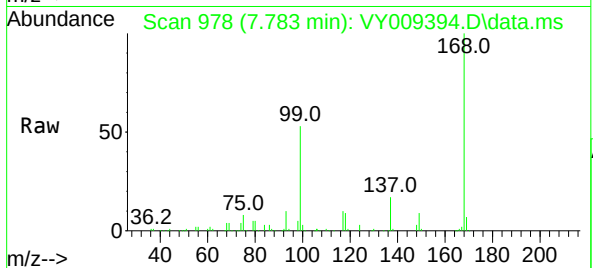
Quant Time: Jul 01 03:47:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
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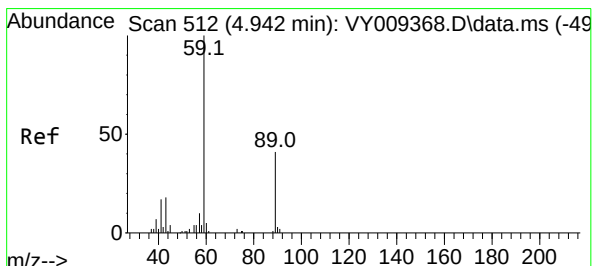
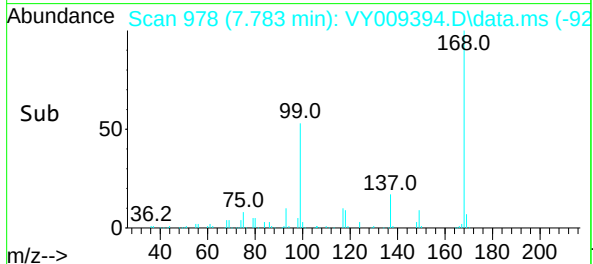
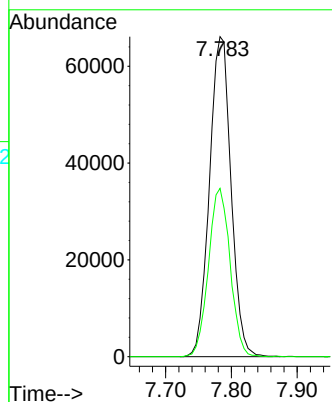


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

Instrument :
MSVOA_Y
ClientSampleId :

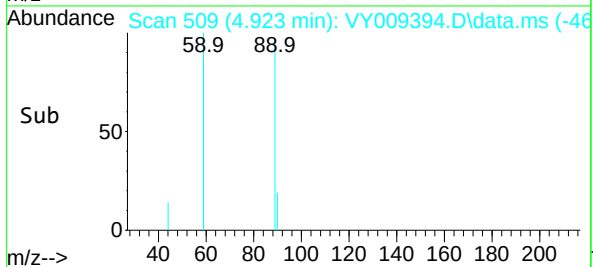
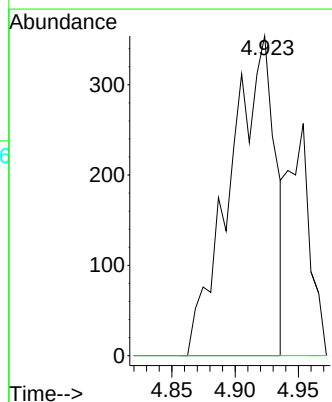
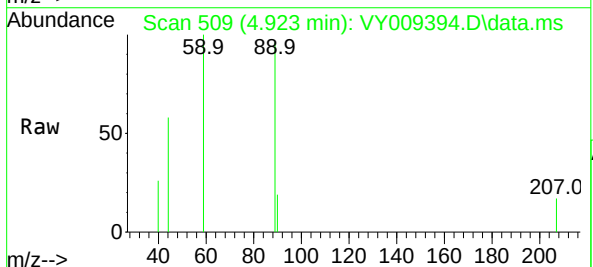


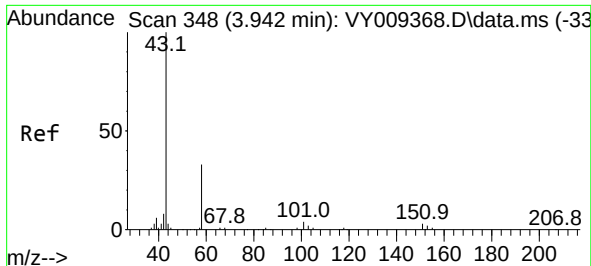
Tgt Ion:168 Resp: 150939
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.019 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

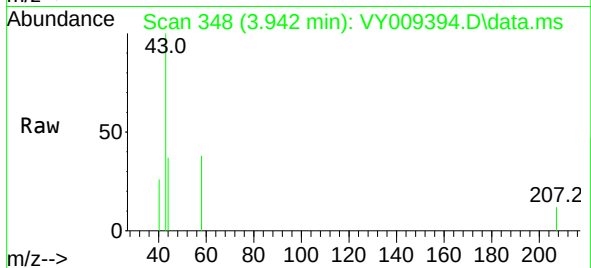
Tgt Ion: 59 Resp: 876
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



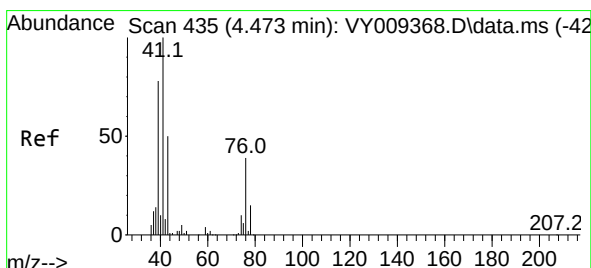
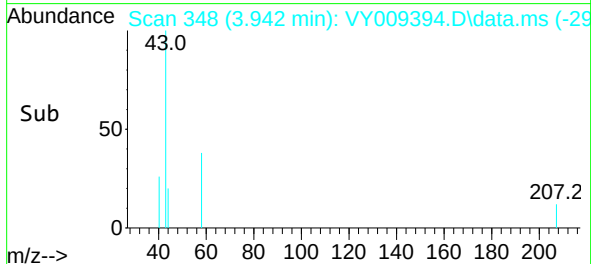
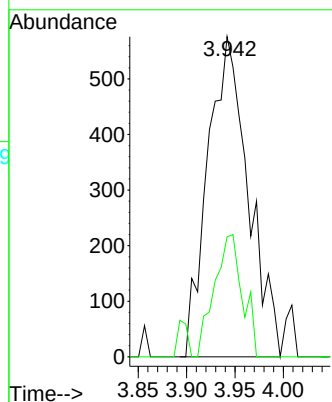


#16
Acetone
Concen: 4.226 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

Instrument :
MSVOA_Y
ClientSampleId :

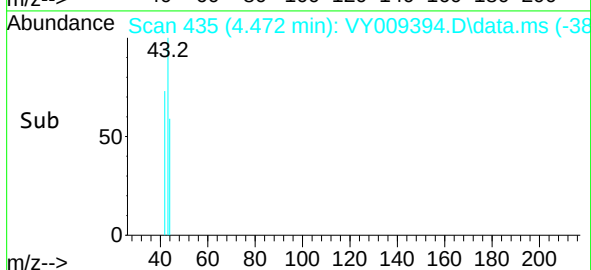
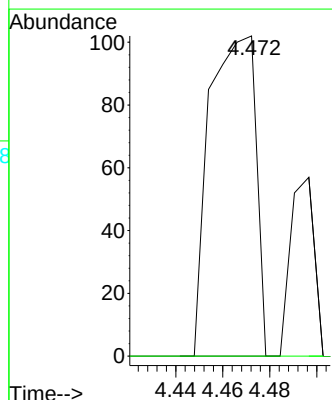
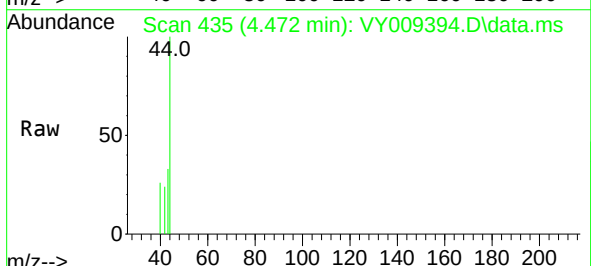


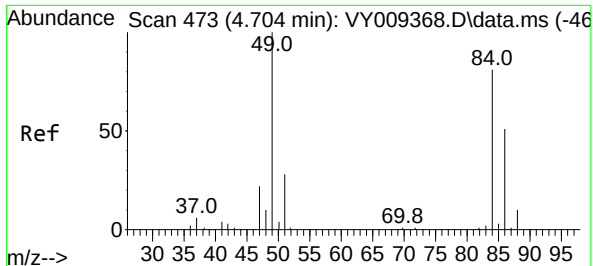
Tgt Ion: 43 Resp: 1678
Ion Ratio Lower Upper
43 100
58 37.5 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.006 min

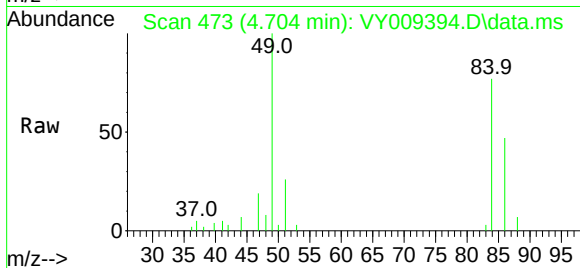
Lab File: VY009394.D

Acq: 30 Jun 2022 15:36

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 7128

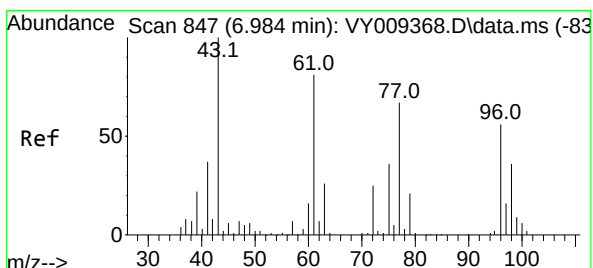
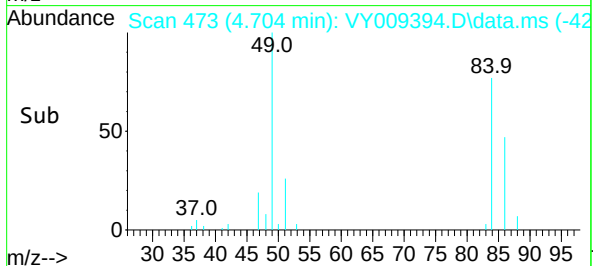
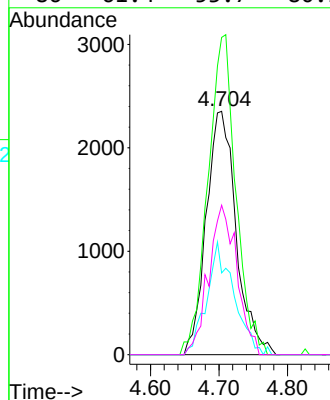
Ion Ratio Lower Upper

84 100

49 130.3 114.4 171.6

51 33.6 35.3 52.9#

86 61.4 53.7 80.5



#25

2-Butanone

Concen: 1.795 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY009394.D

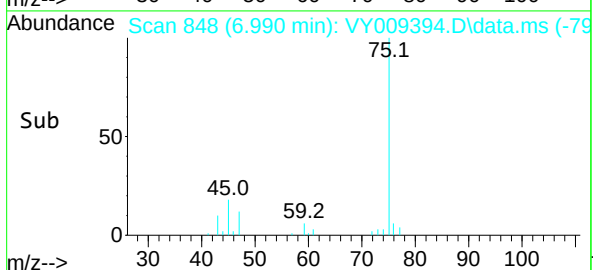
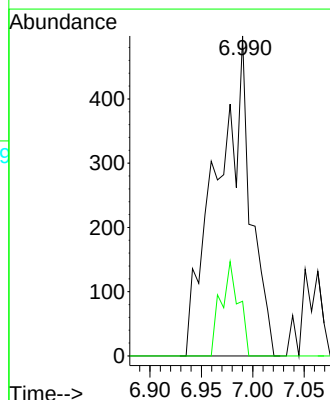
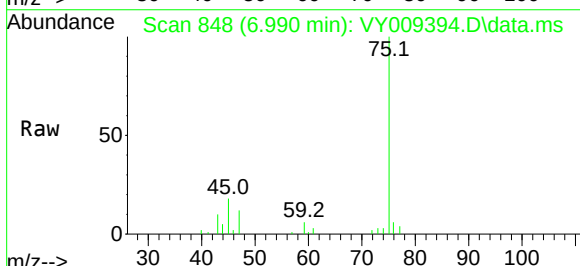
Acq: 30 Jun 2022 15:36

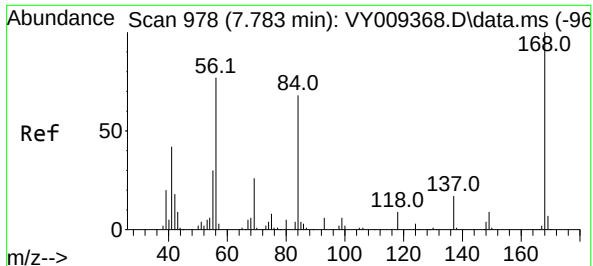
Tgt Ion: 43 Resp: 1130

Ion Ratio Lower Upper

43 100

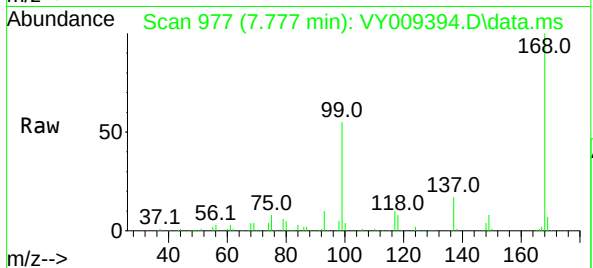
72 17.1 17.7 26.5#



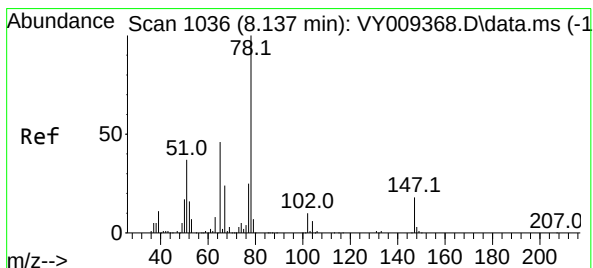
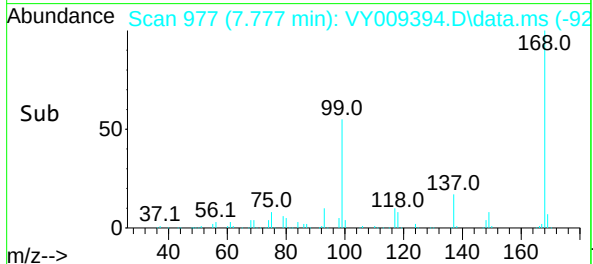
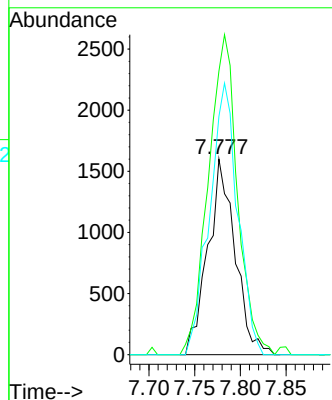


#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

Instrument :
MSVOA_Y
ClientSampleId :

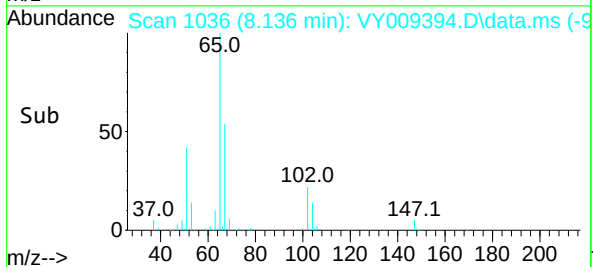
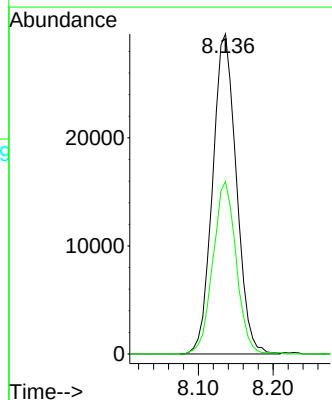
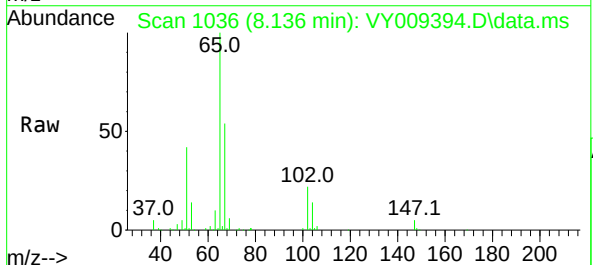


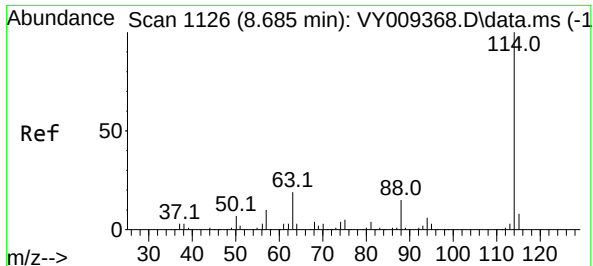
Tgt Ion: 56 Resp: 3318
Ion Ratio Lower Upper
56 100
69 144.8 26.7 40.1#
84 121.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.132 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

Tgt Ion: 65 Resp: 65444
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009394.D

Acq: 30 Jun 2022 15:36

Instrument :

MSVOA_Y

ClientSampleId :

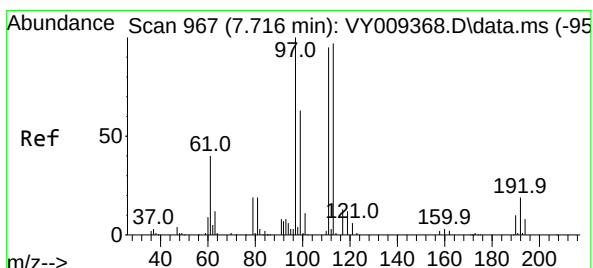
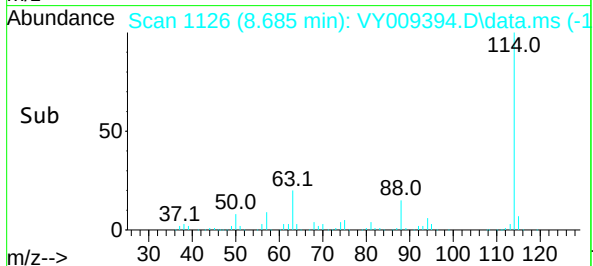
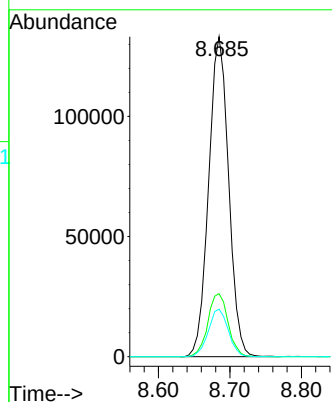
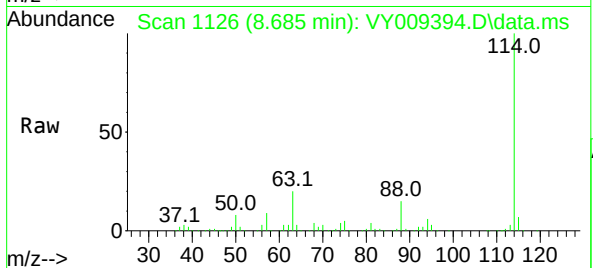
Tgt Ion:114 Resp: 257816

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.608 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY009394.D

Acq: 30 Jun 2022 15:36

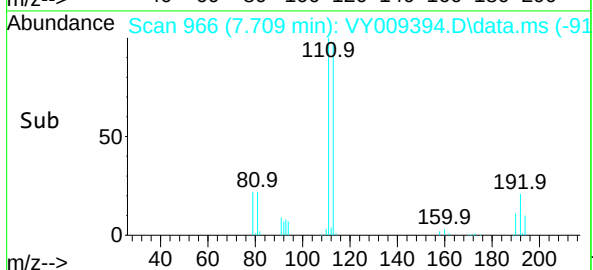
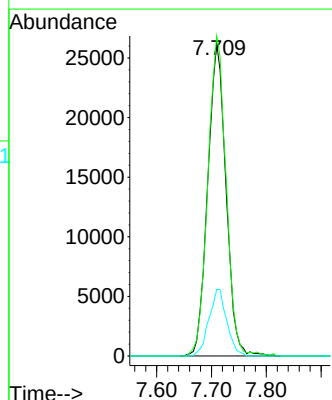
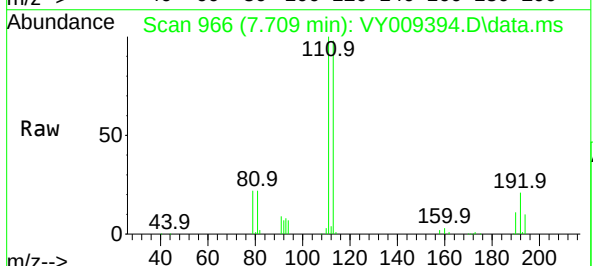
Tgt Ion:113 Resp: 60459

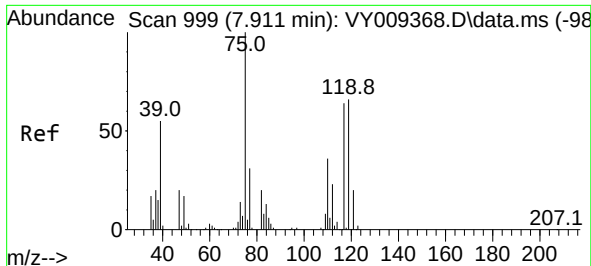
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

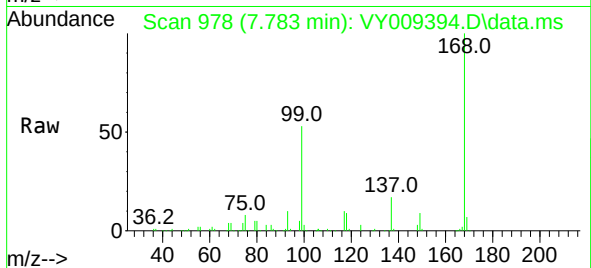
192 20.8 17.6 26.4



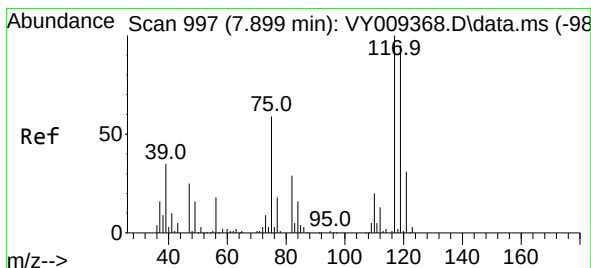
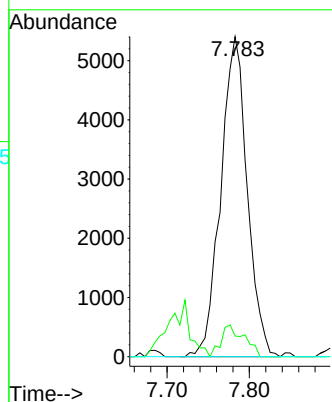
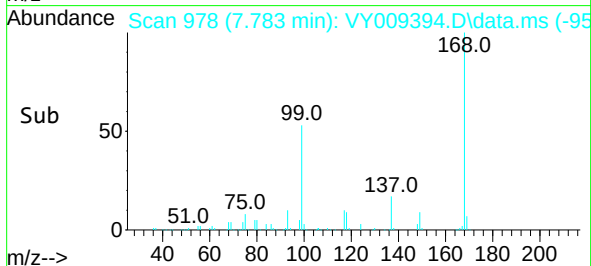


#36
1,1-Dichloropropene
Concen: 4.868 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

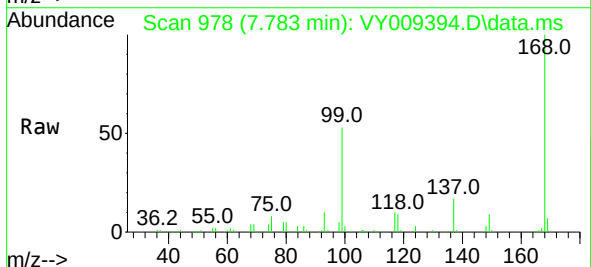
Instrument :
MSVOA_Y
ClientSampleId :



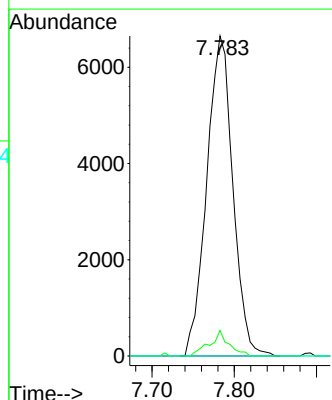
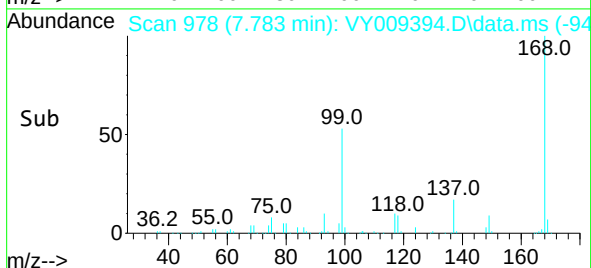
Tgt Ion: 75 Resp: 12077
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#

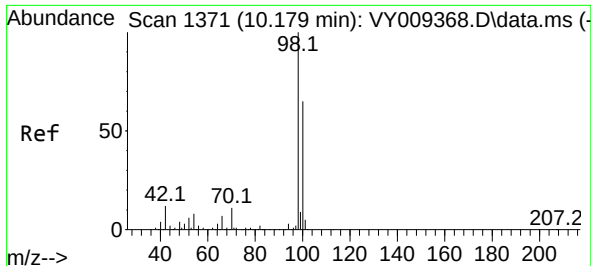


#38
Carbon Tetrachloride
Concen: 5.671 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36



Tgt Ion: 117 Resp: 14706
Ion Ratio Lower Upper
117 100
119 8.0 77.9 116.9#
121 0.0 24.8 37.2#

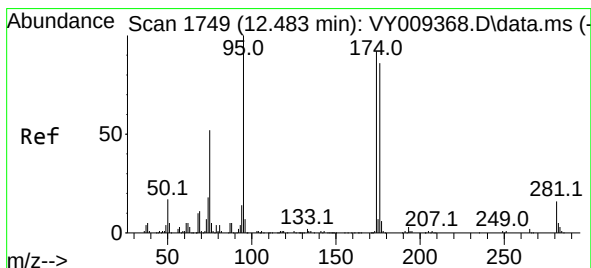
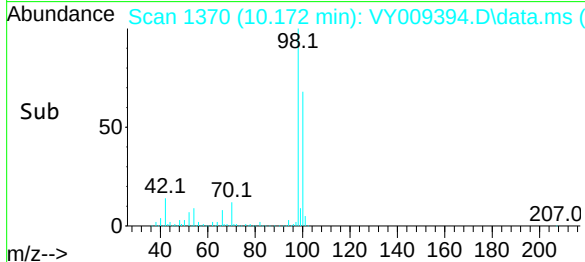
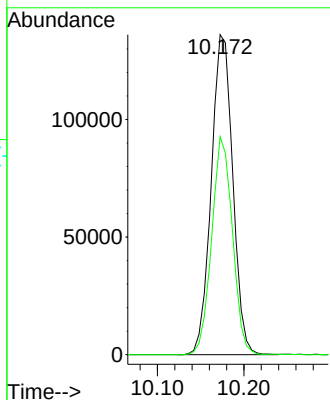
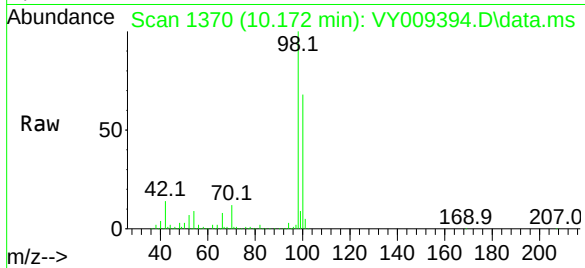




#50
Toluene-d8
Concen: 53.915 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

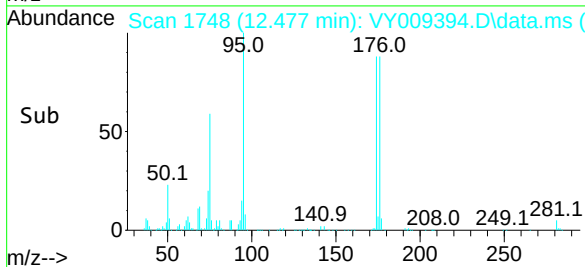
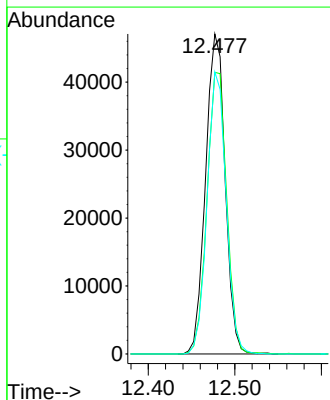
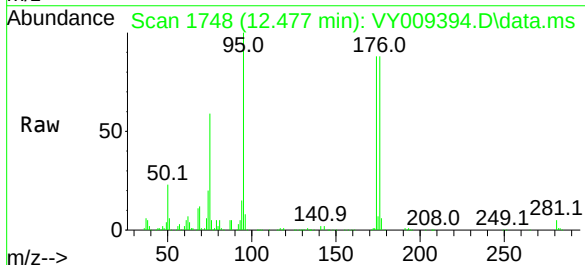
Instrument :
MSVOA_Y
ClientSampleId :

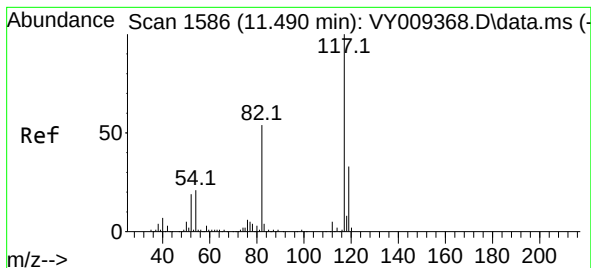
Tgt Ion: 98 Resp: 234559
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.774 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

Tgt Ion: 95 Resp: 73814
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 85.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

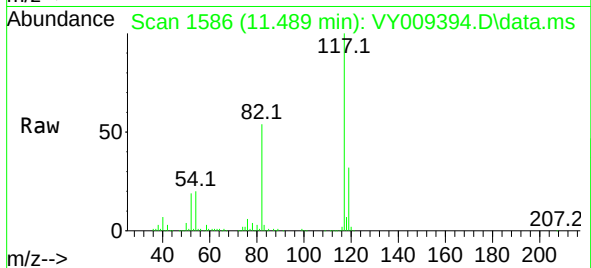
Lab File: VY009394.D

Acq: 30 Jun 2022 15:36

Instrument :

MSVOA_Y

ClientSampleId :



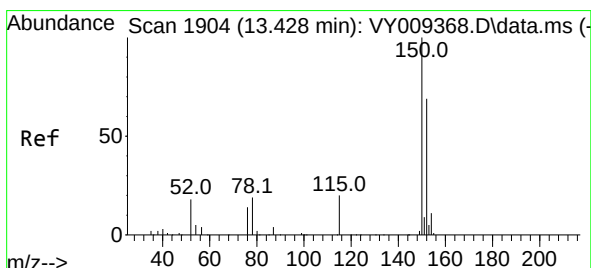
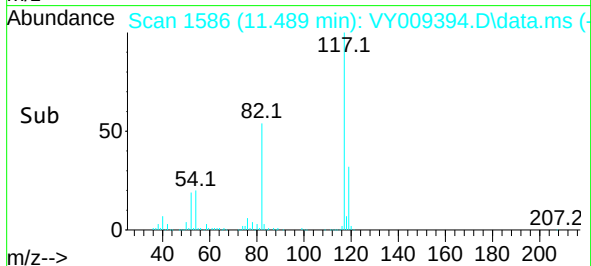
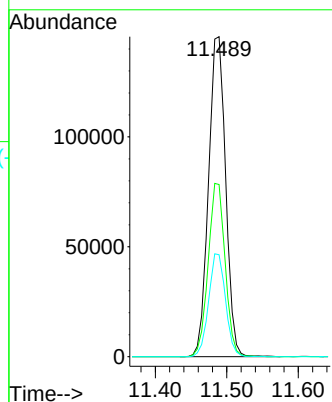
Tgt Ion:117 Resp: 242018

Ion Ratio Lower Upper

117 100

82 53.8 43.0 64.4

119 31.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009394.D

Acq: 30 Jun 2022 15:36

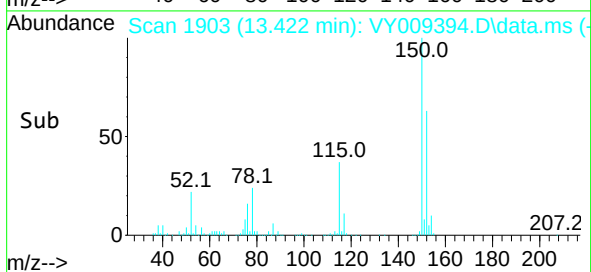
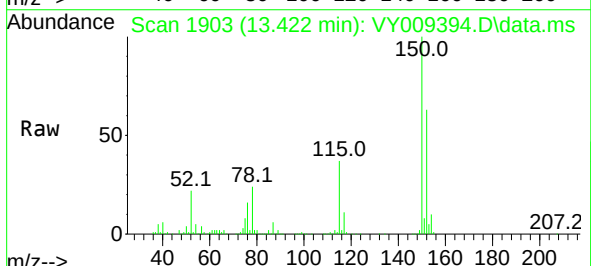
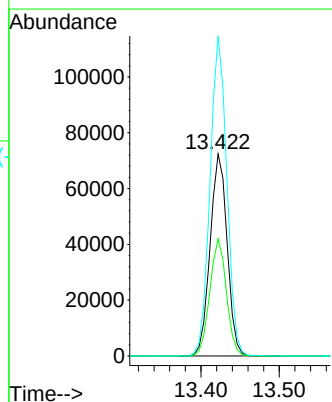
Tgt Ion:152 Resp: 109202

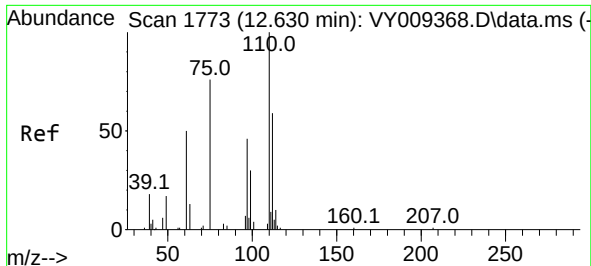
Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 155.7 0.0 347.6

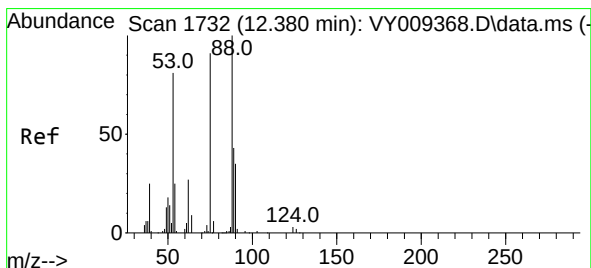
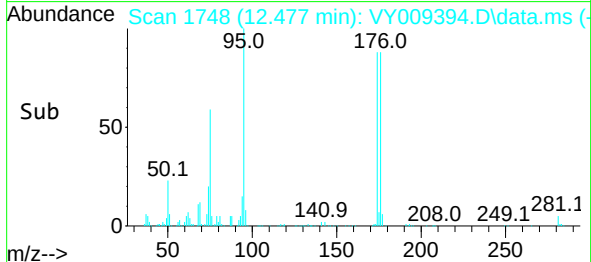
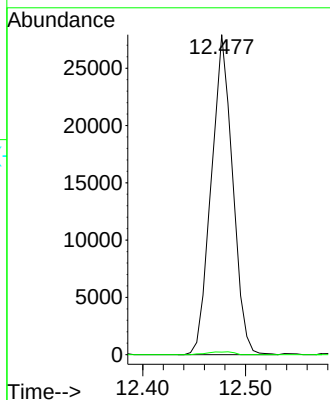
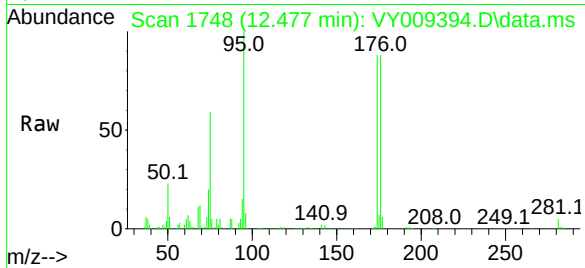




#76
1,2,3-Trichloropropane
Concen: 31.536 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 40330
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.215 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

Tgt Ion: 75 Resp: 40330
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

