

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009407.D
 Acq On : 30 Jun 2022 20:40
 Operator : KP/MD
 Sample : N3550-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 03:49:28 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)

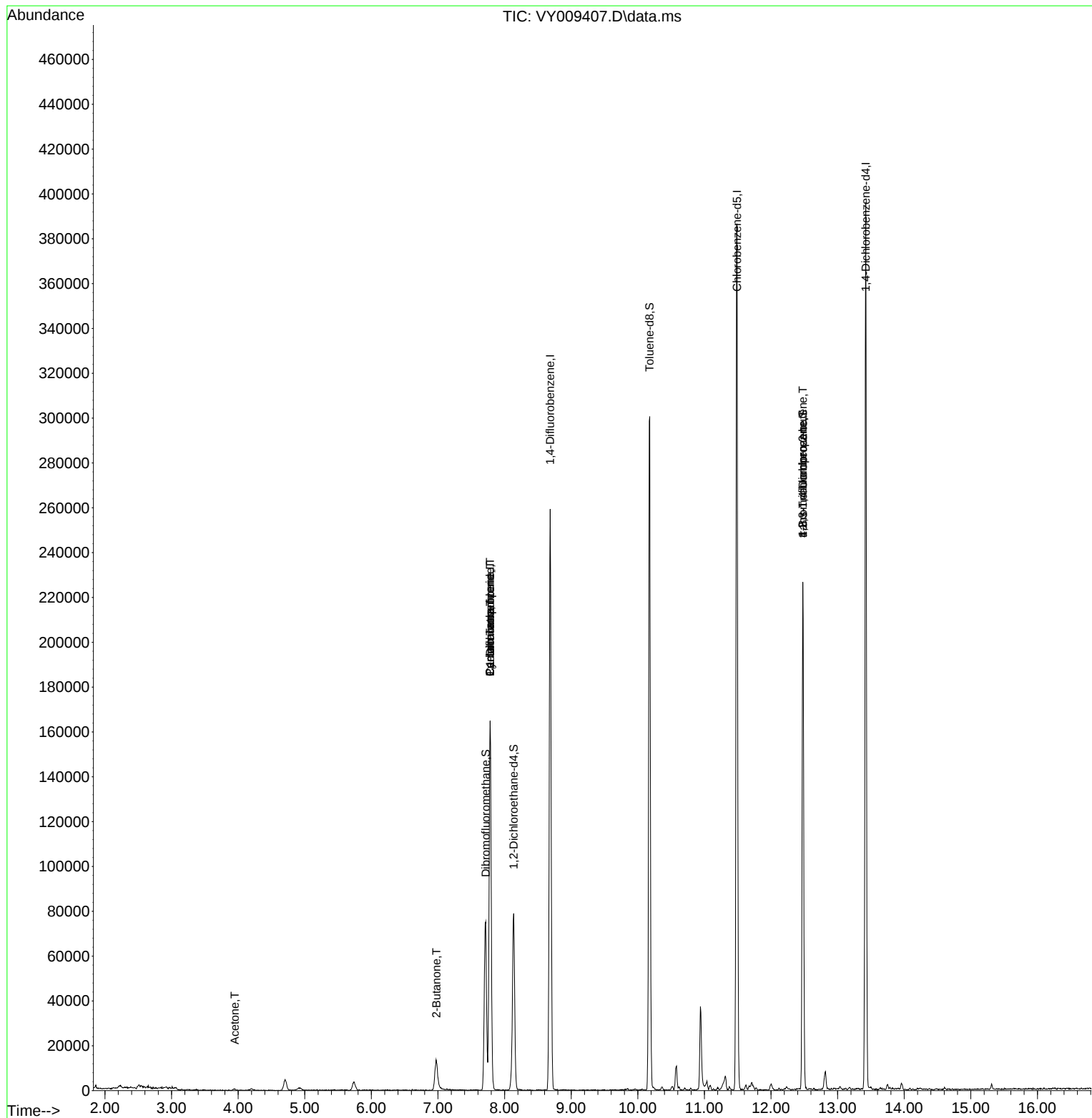
Internal Standards						
1) Pentafluorobenzene	7.783	168	128539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57739	56.082	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.160%	
35) Dibromofluoromethane	7.716	113	51516	43.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.740%	
50) Toluene-d8	10.179	98	193064	53.015	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.040%	
62) 4-Bromofluorobenzene	12.477	95	62780	36.349	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	820	Below Cal	#	77
16) Acetone	3.948	43	891	2.635	ug/l	96
18) Methyl Acetate	4.265	43	24	Below Cal	#	56
20) Methylene Chloride	4.704	84	3271	Below Cal	#	85
25) 2-Butanone	6.978	43	1004	1.873	ug/l	# 54
31) Cyclohexane	7.783	56	2833	1.223	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	9852	4.744	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	12018	5.536	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	34306	31.122	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	34306	69.293	ug/l	# 7

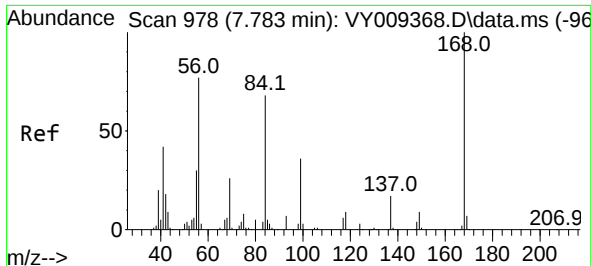
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
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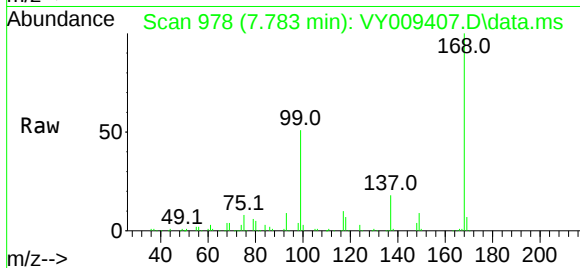
Quant Time: Jul 01 03:49:28 2022
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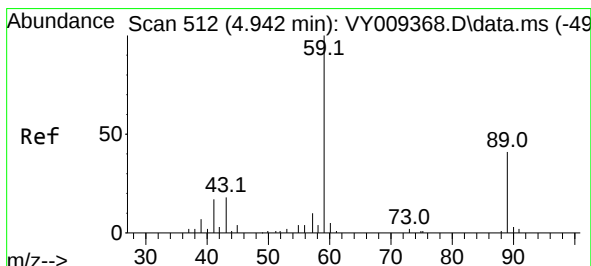
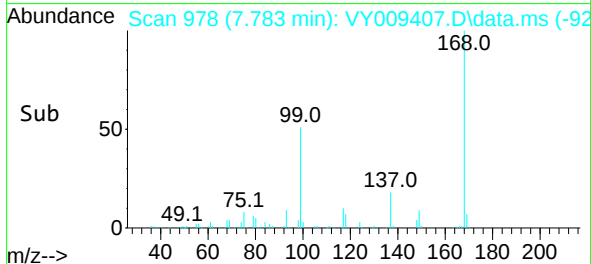
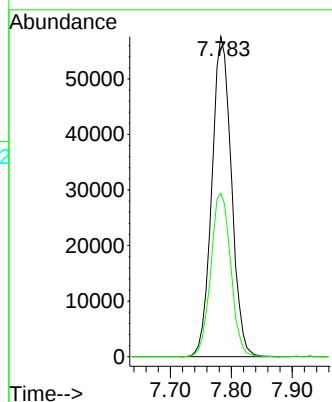


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009407.D
Acq: 30 Jun 2022 20:40

Instrument :
MSVOA_Y
ClientSampleId :

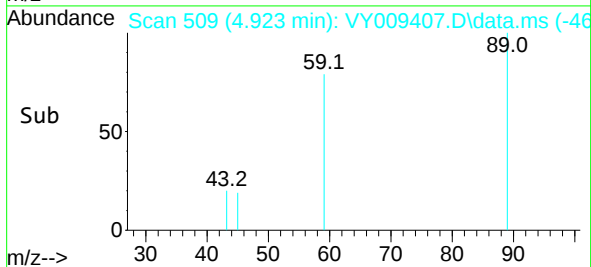
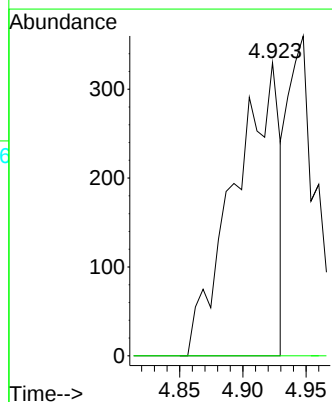
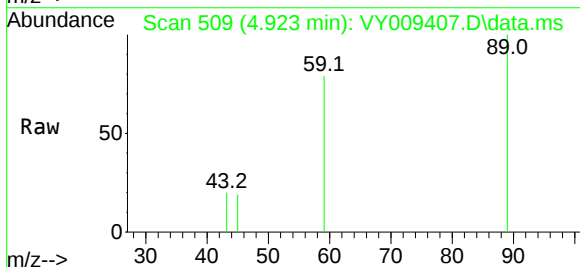


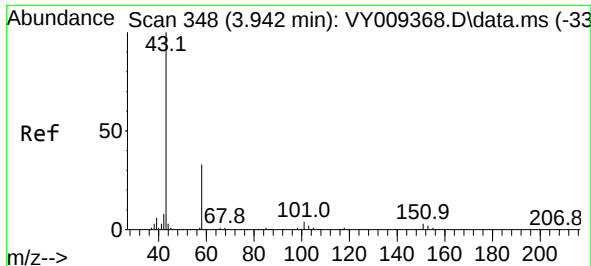
Tgt Ion:168 Resp: 128539
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.019 min
Lab File: VY009407.D
Acq: 30 Jun 2022 20:40

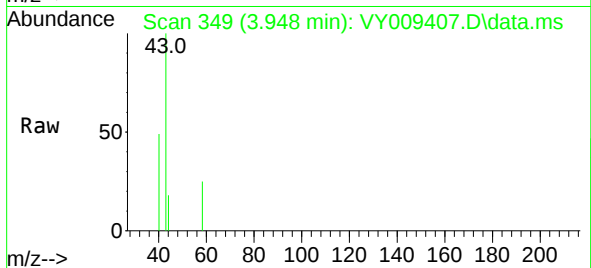
Tgt Ion: 59 Resp: 820
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



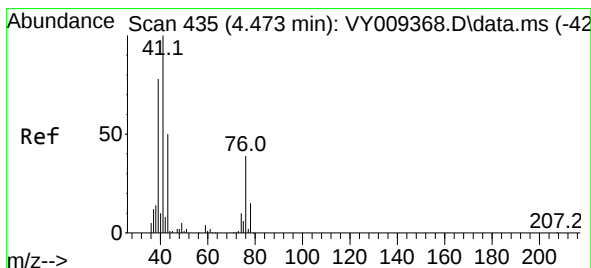
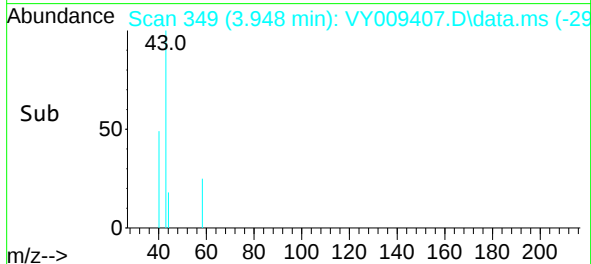
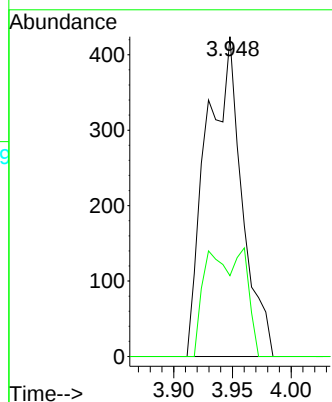


#16
Acetone
Concen: 2.635 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009407.D
Acq: 30 Jun 2022 20:40

Instrument :
MSVOA_Y
ClientSampleId :

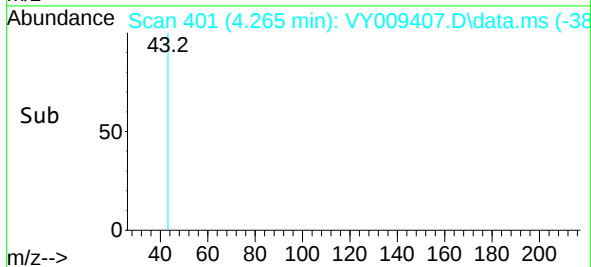
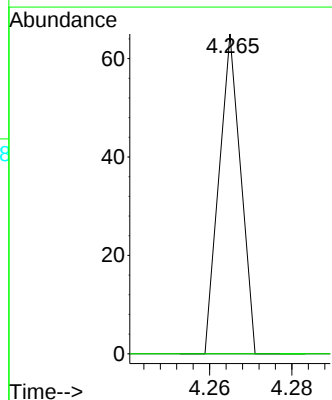
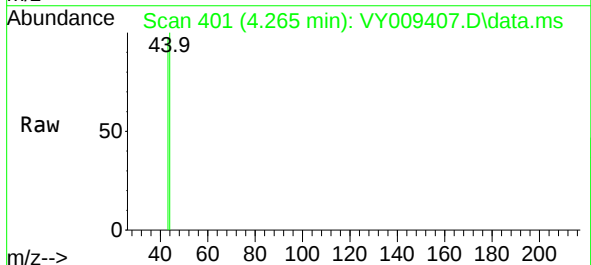


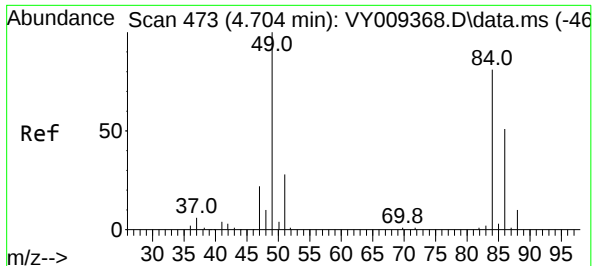
Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
58 25.2 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.265 min Scan# 401
Delta R.T. -0.208 min
Lab File: VY009407.D
Acq: 30 Jun 2022 20:40

Tgt Ion: 43 Resp: 24
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

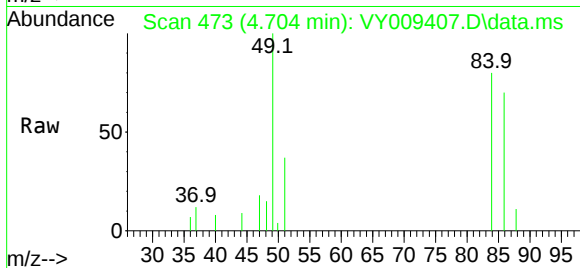
Lab File: VY009407.D

Acq: 30 Jun 2022 20:40

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 3271

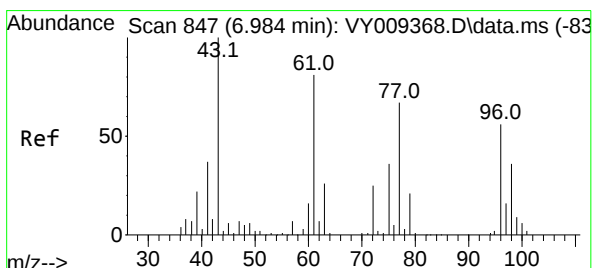
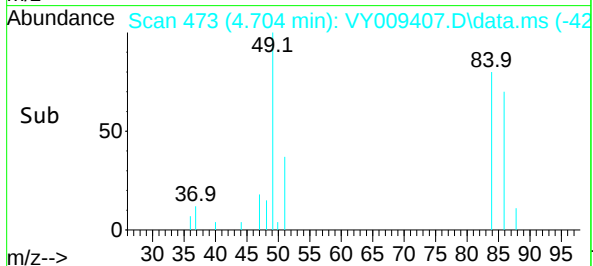
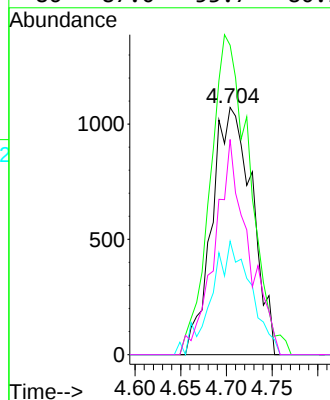
Ion Ratio Lower Upper

84 100

49 125.2 114.4 171.6

51 45.9 35.3 52.9

86 87.0 53.7 80.5#



#25

2-Butanone

Concen: 1.873 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY009407.D

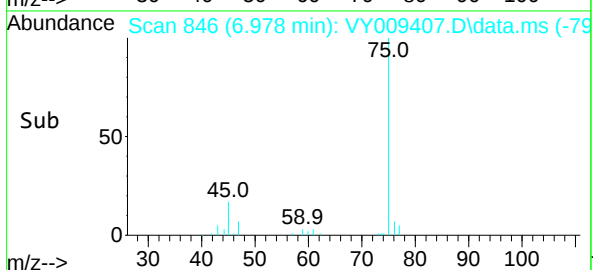
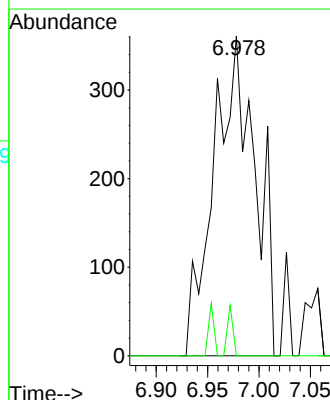
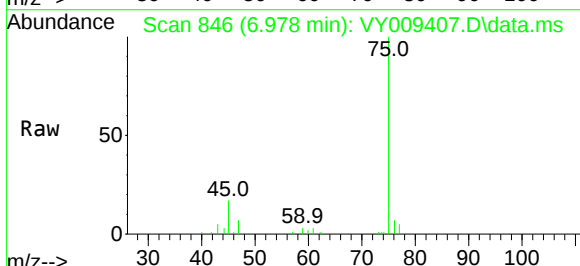
Acq: 30 Jun 2022 20:40

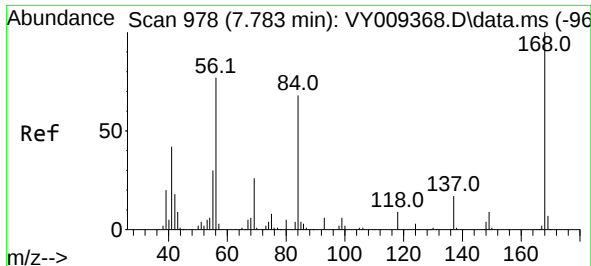
Tgt Ion: 43 Resp: 1004

Ion Ratio Lower Upper

43 100

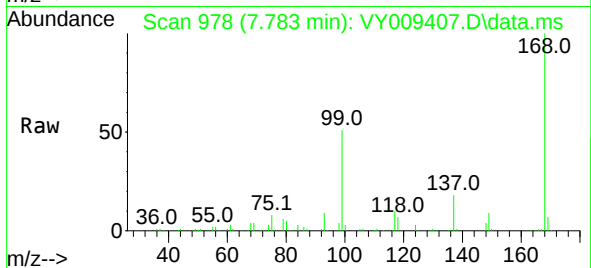
72 0.0 17.7 26.5#



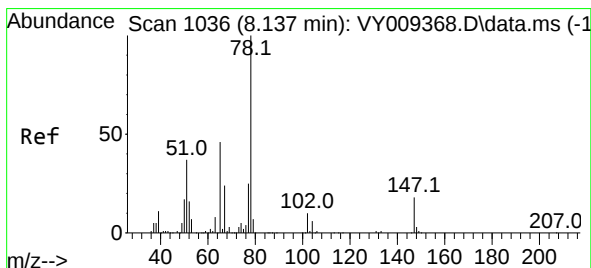
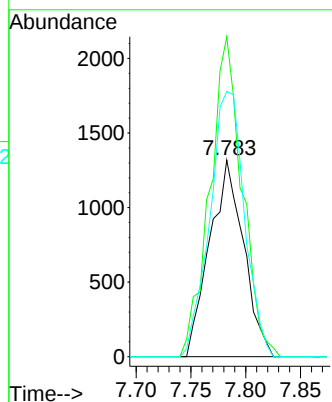
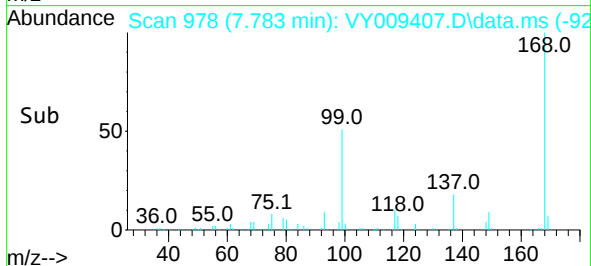


#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009407.D
Acq: 30 Jun 2022 20:40

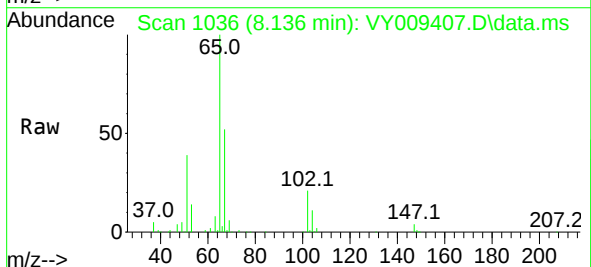
Instrument :
MSVOA_Y
ClientSampleId :



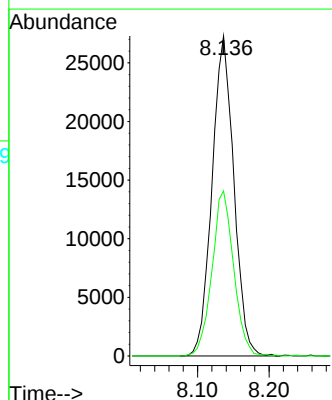
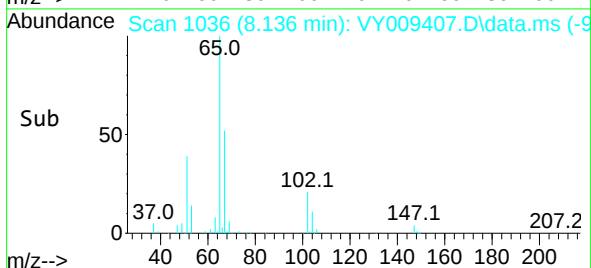
Tgt Ion: 56 Resp: 2833
Ion Ratio Lower Upper
56 100
69 162.7 26.7 40.1#
84 134.9 67.2 100.8#

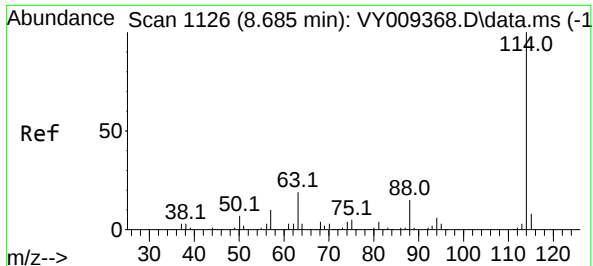


#33
1,2-Dichloroethane-d4
Concen: 56.082 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009407.D
Acq: 30 Jun 2022 20:40



Tgt Ion: 65 Resp: 57739
Ion Ratio Lower Upper
65 100
67 51.3 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: VY009407.D

Acq: 30 Jun 2022 20:40

Instrument :

MSVOA_Y

ClientSampleId :

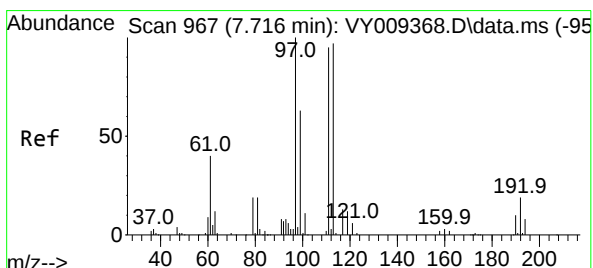
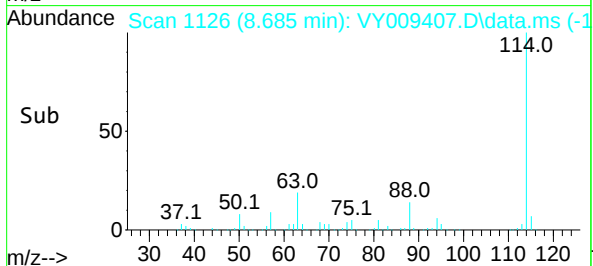
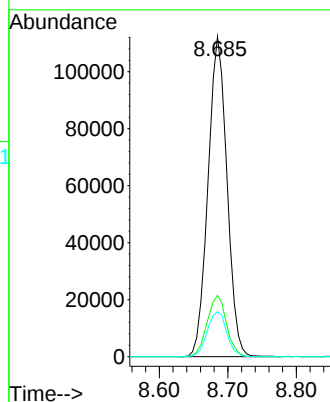
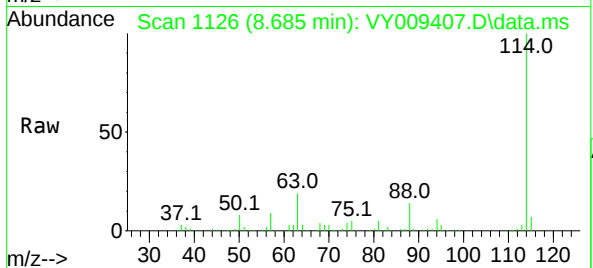
Tgt Ion:114 Resp: 215808

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.373 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009407.D

Acq: 30 Jun 2022 20:40

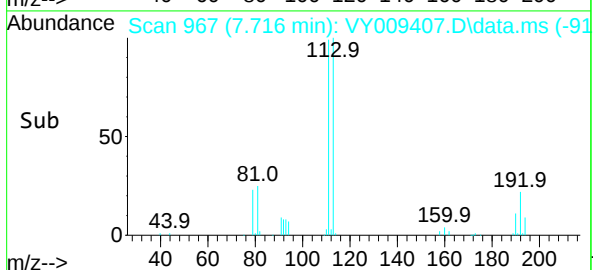
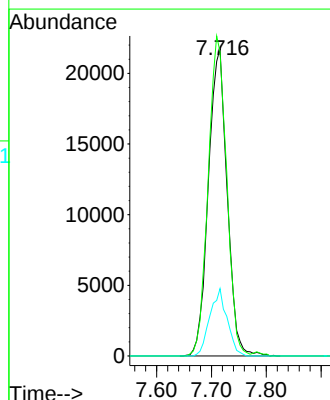
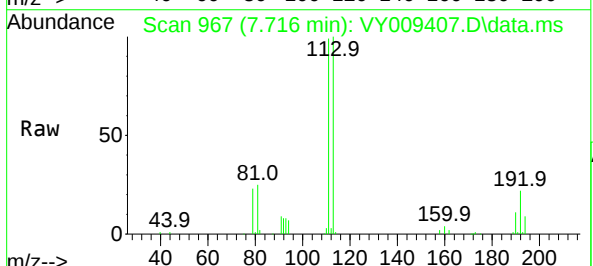
Tgt Ion:113 Resp: 51516

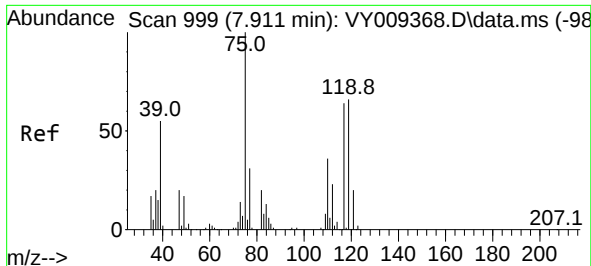
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

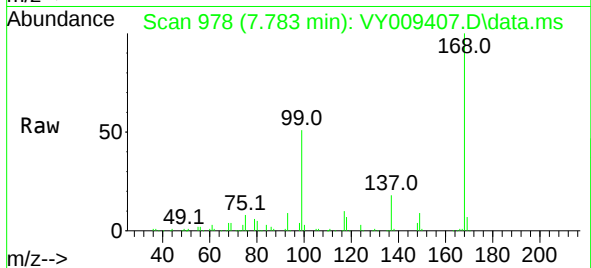
192 20.2 17.6 26.4



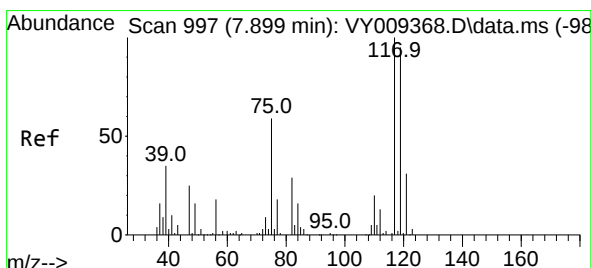
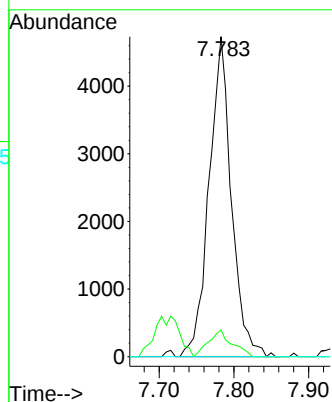
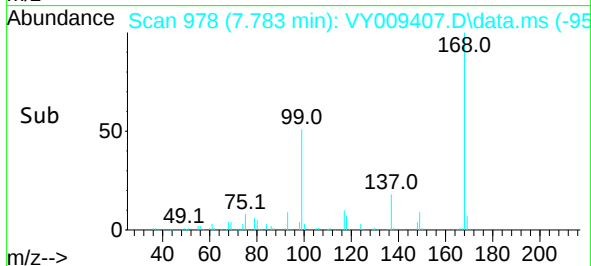


#36
1,1-Dichloropropene
Concen: 4.744 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009407.D
Acq: 30 Jun 2022 20:40

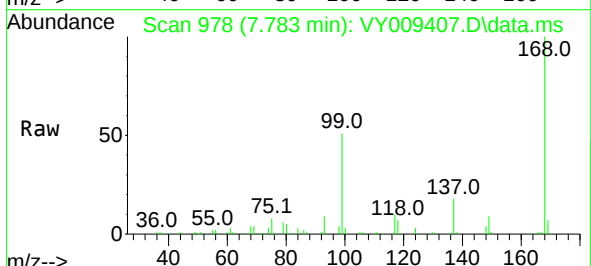
Instrument :
MSVOA_Y
ClientSampleId :



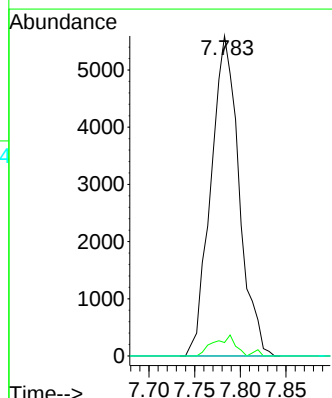
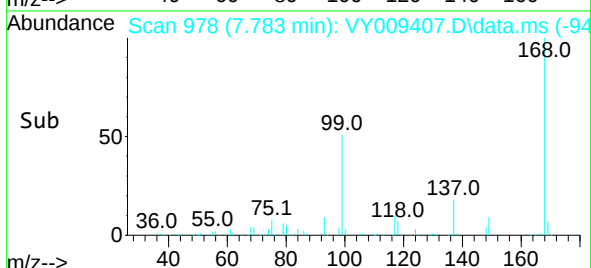
Tgt Ion: 75 Resp: 9852
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#

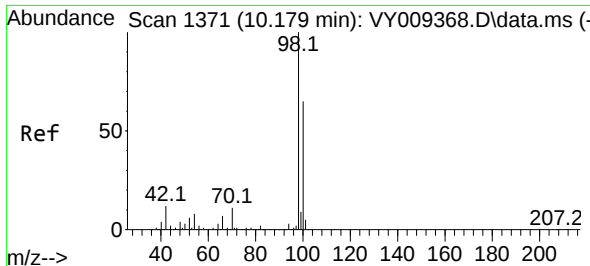


#38
Carbon Tetrachloride
Concen: 5.536 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009407.D
Acq: 30 Jun 2022 20:40



Tgt Ion: 117 Resp: 12018
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#

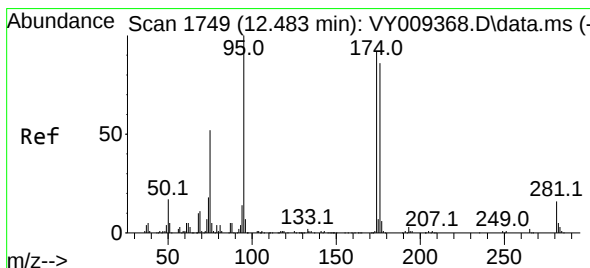
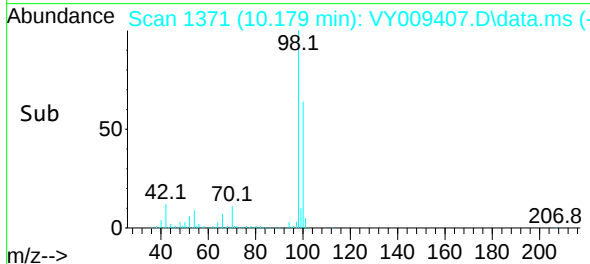
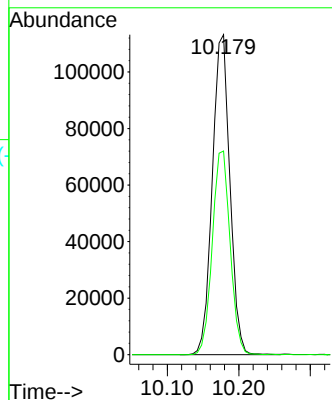
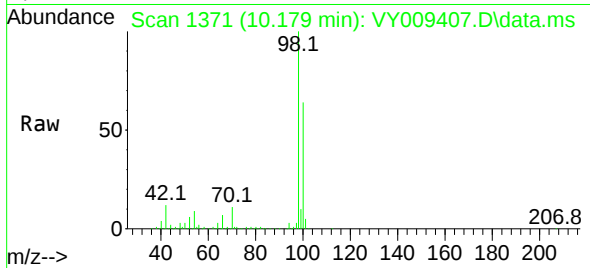




#50
Toluene-d8
Concen: 53.015 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009407.D
Acq: 30 Jun 2022 20:40

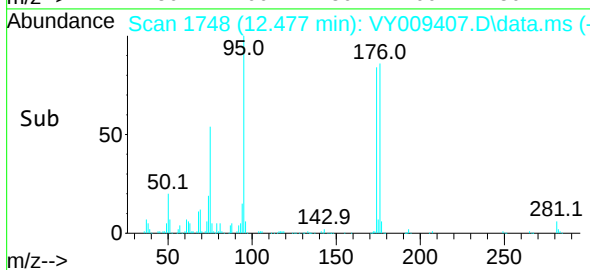
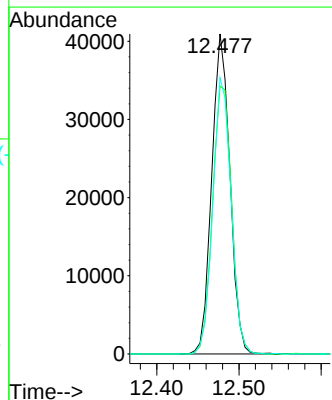
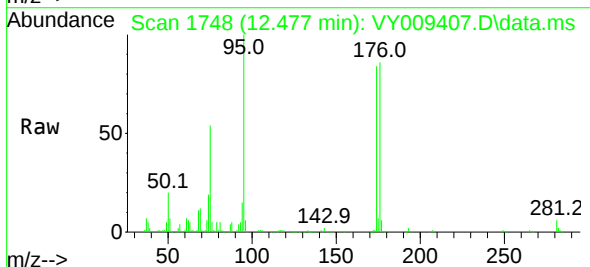
Instrument :
MSVOA_Y
ClientSampleId :

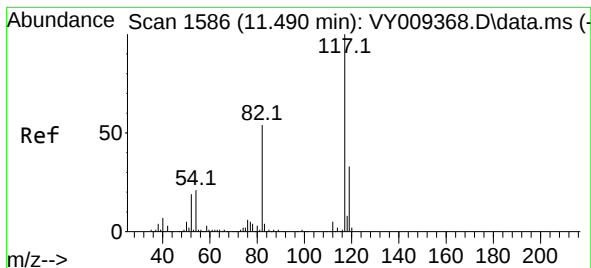
Tgt Ion: 98 Resp: 193064
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.349 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009407.D
Acq: 30 Jun 2022 20:40

Tgt Ion: 95 Resp: 62780
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 86.9 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: VY009407.D

Acq: 30 Jun 2022 20:40

Instrument :

MSVOA_Y

ClientSampleId :

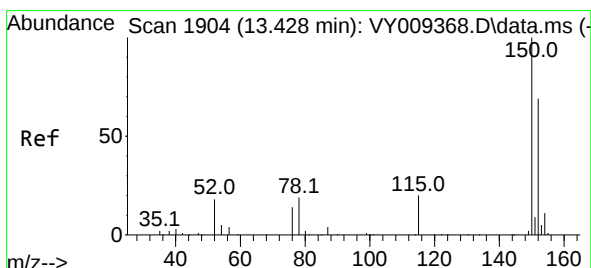
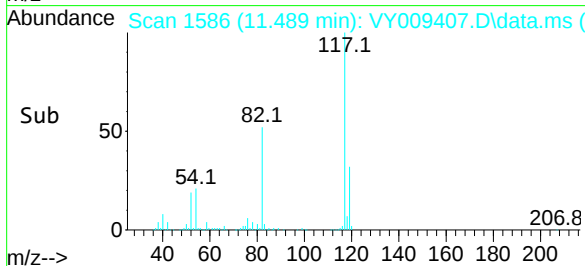
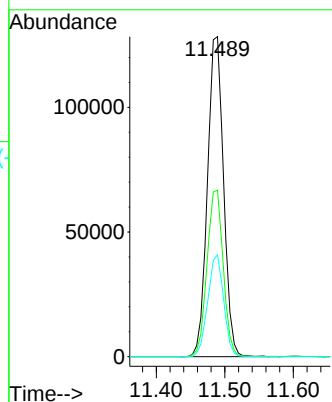
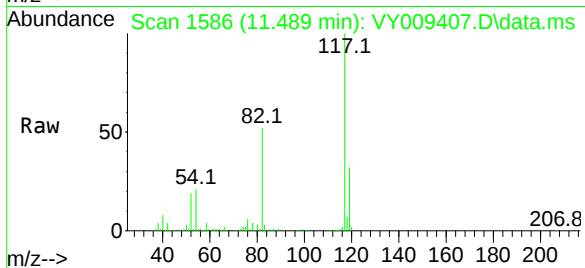
Tgt Ion:117 Resp: 210203

Ion Ratio Lower Upper

117 100

82 52.1 43.0 64.4

119 31.9 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: VY009407.D

Acq: 30 Jun 2022 20:40

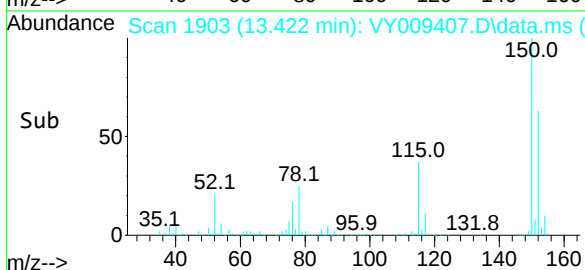
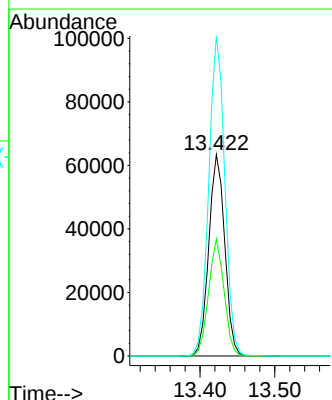
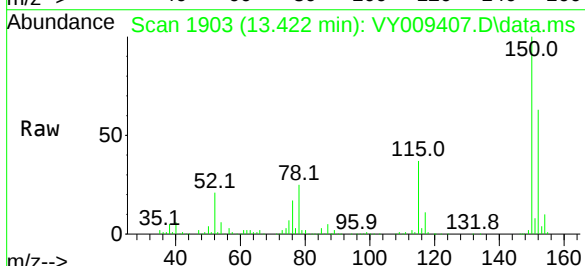
Tgt Ion:152 Resp: 94126

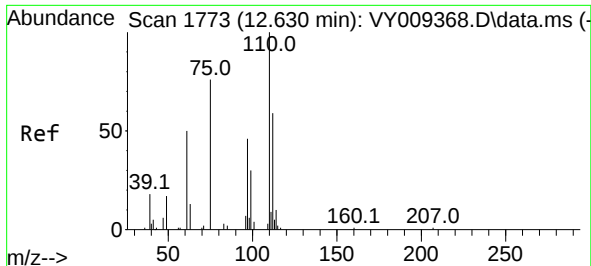
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 158.9 0.0 347.6

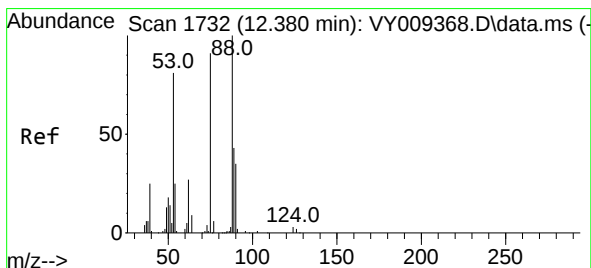
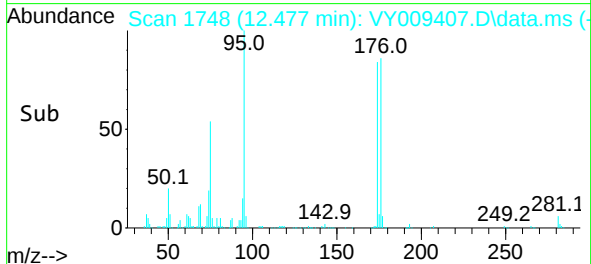
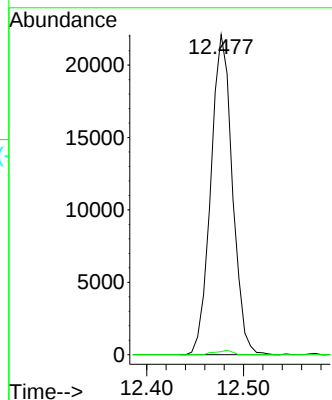
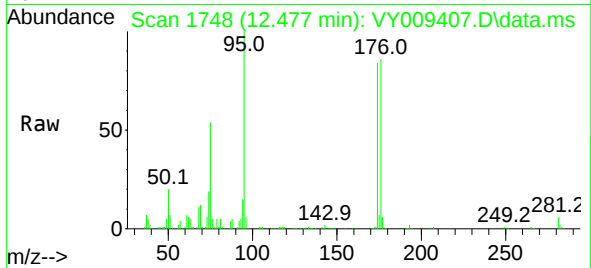




#76
1,2,3-Trichloropropane
Concen: 31.122 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009407.D
Acq: 30 Jun 2022 20:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 34306
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.293 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009407.D
Acq: 30 Jun 2022 20:40

Tgt Ion: 75 Resp: 34306
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.2 37.0 55.4#

