

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009784.D
 Acq On : 29 Jul 2022 19:47
 Operator : KP/MD
 Sample : N3931-09
 Misc : 2.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-120

Quant Time: Aug 01 01:16:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

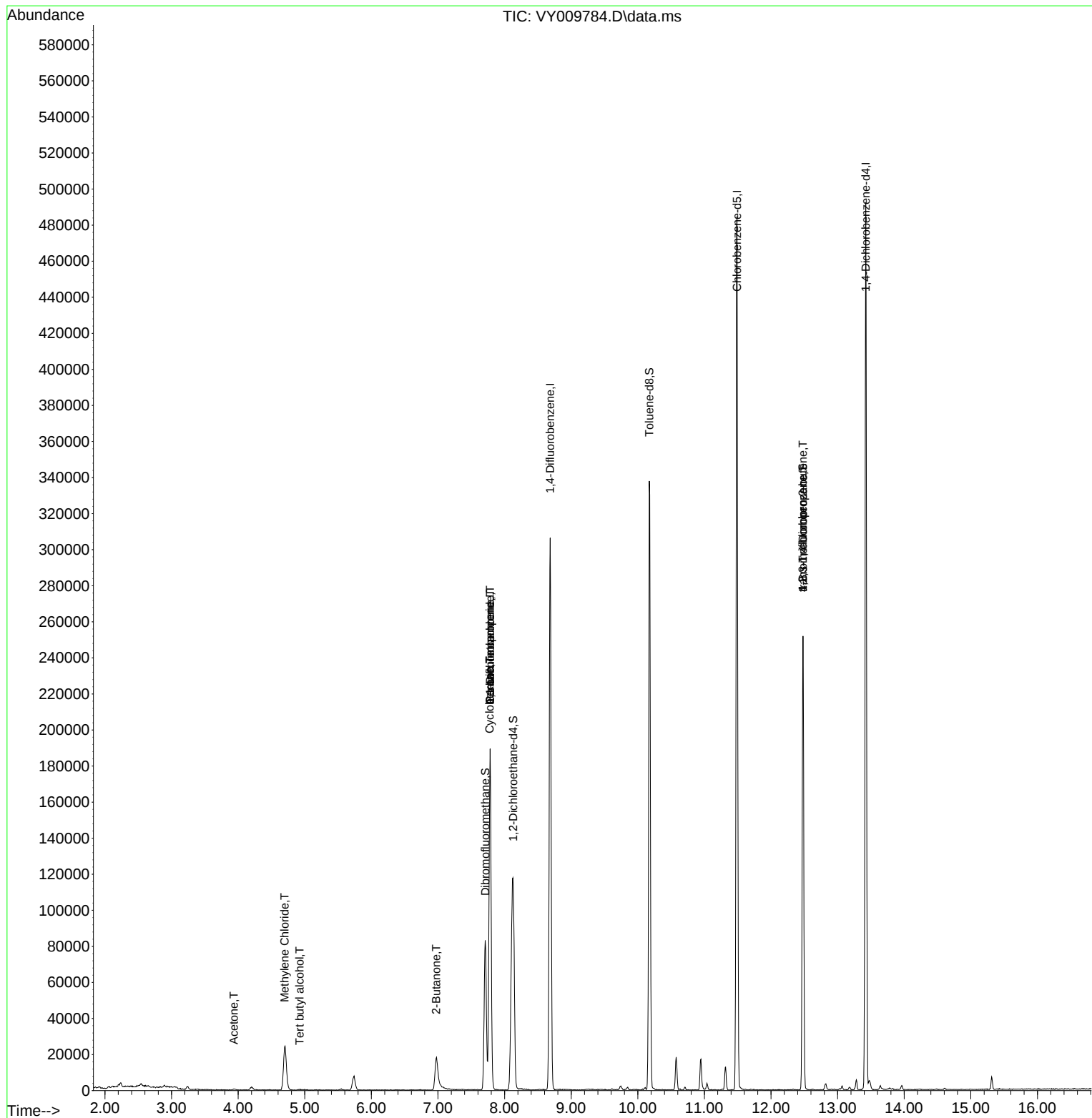
Internal Standards						
1) Pentafluorobenzene	7.783	168	153955	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	271726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	58334	57.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.440%	
35) Dibromofluoromethane	7.710	113	58240	39.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.820%	
50) Toluene-d8	10.173	98	226301	52.818	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 105.640%	
62) 4-Bromofluorobenzene	12.477	95	69127	35.276	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 70.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	356	1.541	ug/l	# 77
16) Acetone	3.936	43	925	2.513	ug/l	# 70
18) Methyl Acetate	4.466	43	103	Below Cal	#	56
20) Methylene Chloride	4.698	84	19291	1.530	ug/l	# 77
25) 2-Butanone	6.972	43	1204	2.217	ug/l	# 54
31) Cyclohexane	7.777	56	2895	1.182	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	10986	4.569	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	13783	5.349	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	36284	29.559	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	36284	58.920	ug/l	# 7

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

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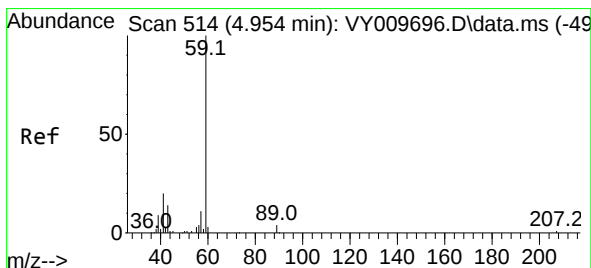
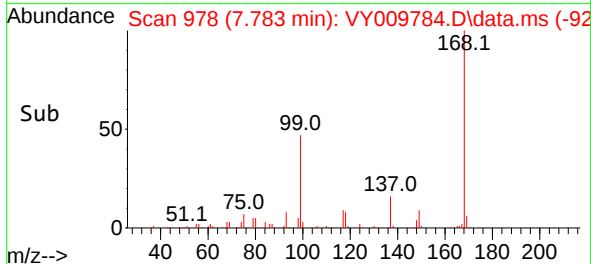
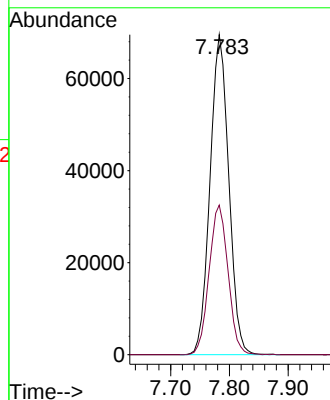
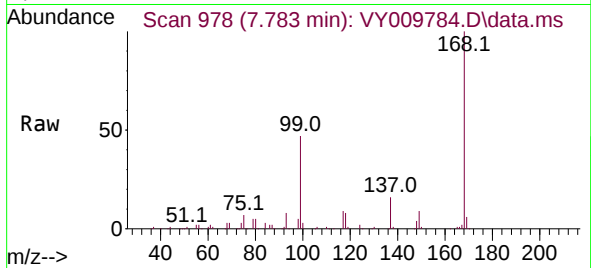




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

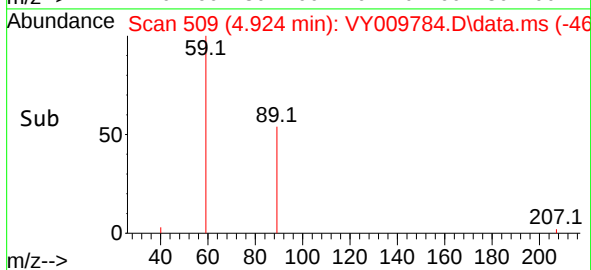
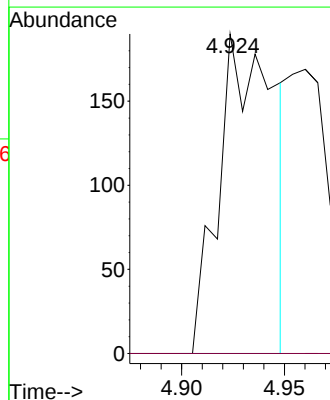
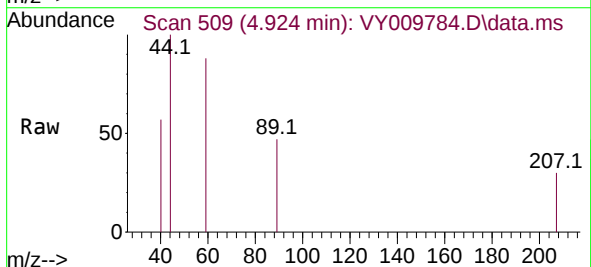
Instrument :
MSVOA_Y
ClientSampleId :
RVE-120

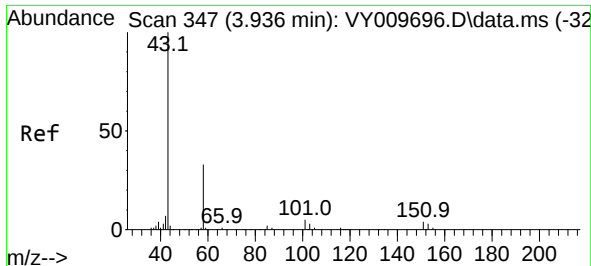
Tgt Ion:168 Resp: 153955
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#11
Tert butyl alcohol
Concen: 1.541 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

Tgt Ion: 59 Resp: 356
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

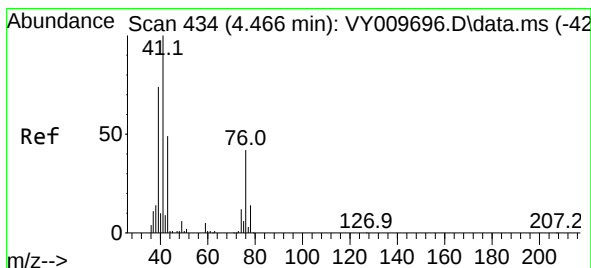
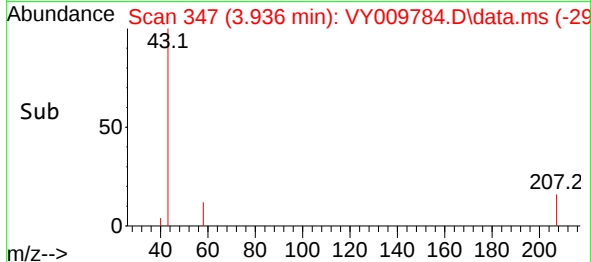
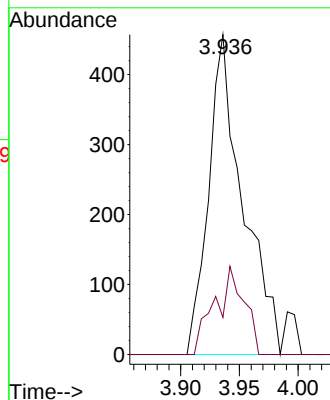
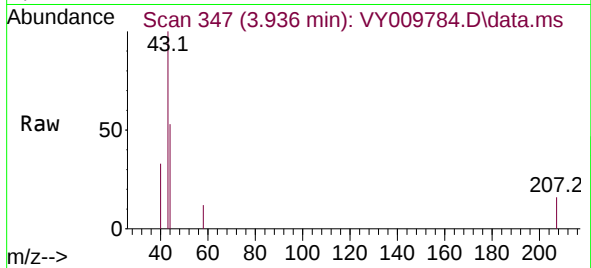




#16
Acetone
Concen: 2.513 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

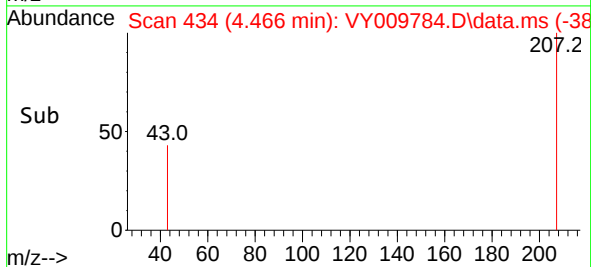
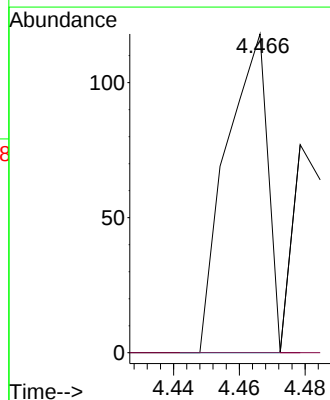
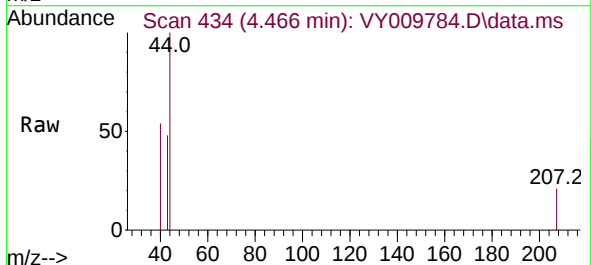
Instrument :
MSVOA_Y
ClientSampleId :
RVE-120

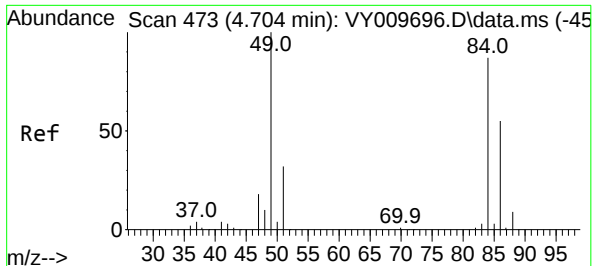
Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
58 11.6 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

Tgt Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

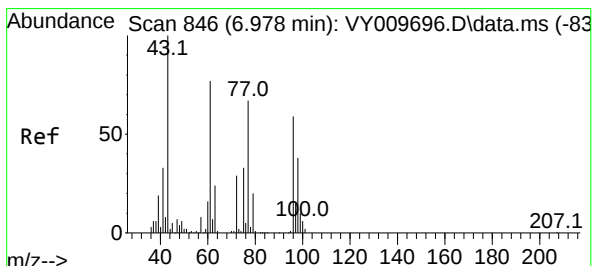
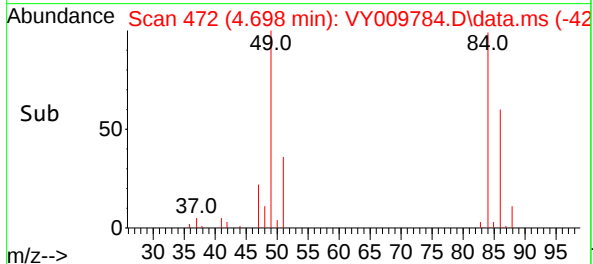
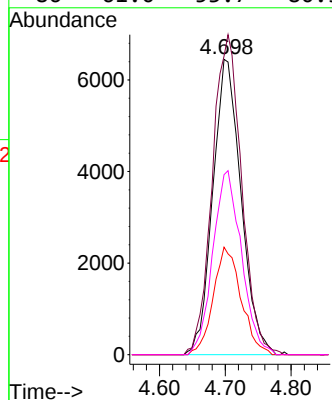
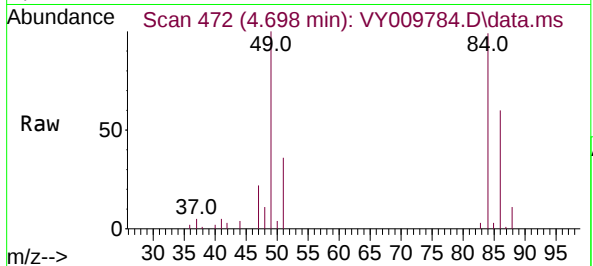




#20
Methylene Chloride
Concen: 1.530 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

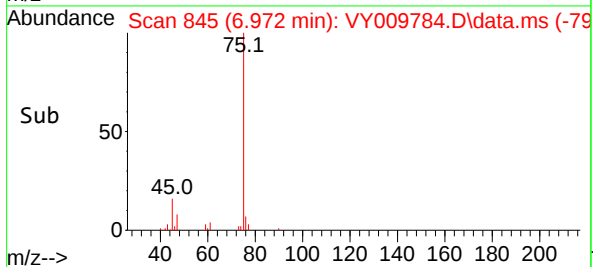
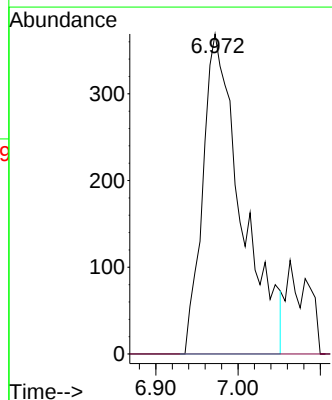
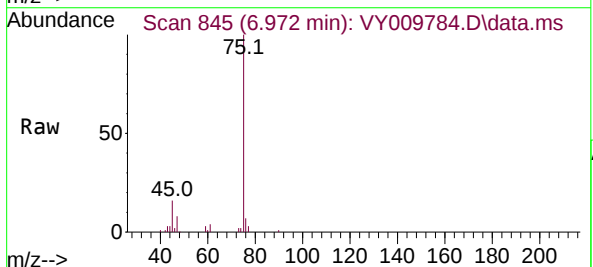
Instrument :
MSVOA_Y
ClientSampleId :
RVE-120

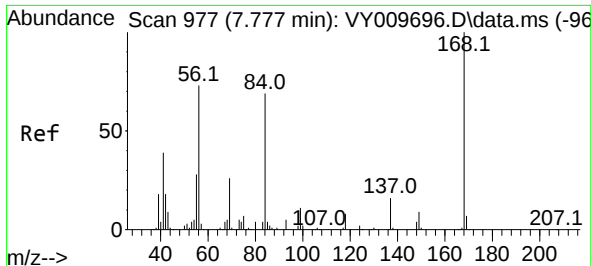
Tgt Ion:	84	Resp:	19291
Ion	Ratio	Lower	Upper
84	100		
49	101.1	114.4	171.6#
51	36.4	35.3	52.9
86	61.0	53.7	80.5



#25
2-Butanone
Concen: 2.217 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

Tgt Ion:	43	Resp:	1204
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

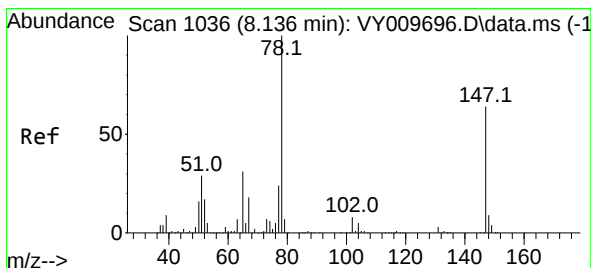
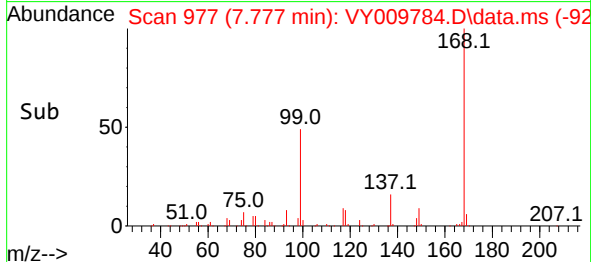
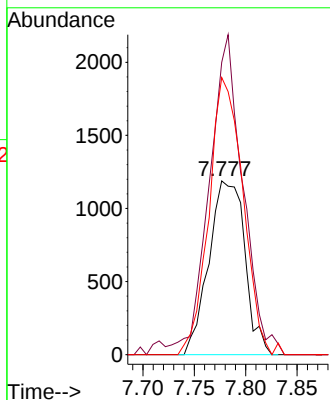
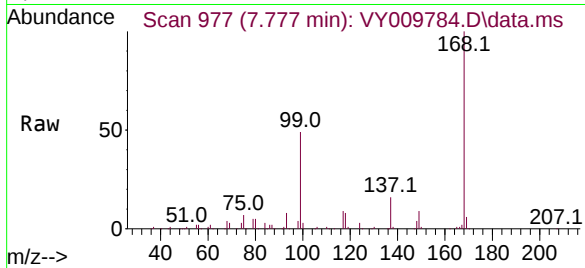




#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

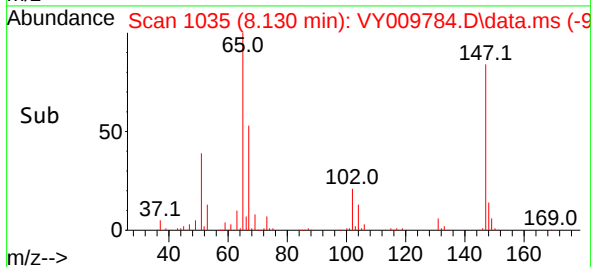
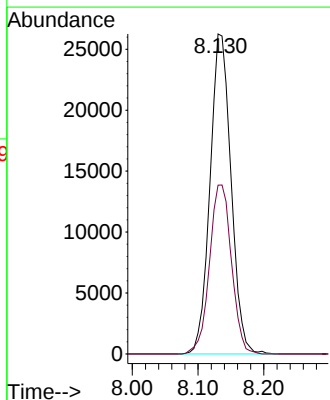
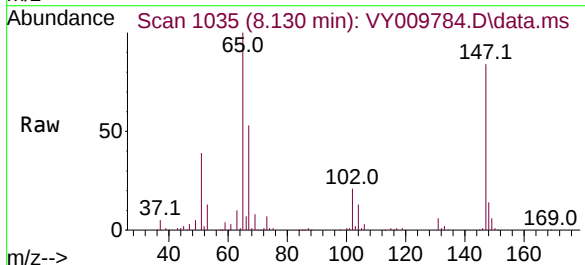
Instrument :
MSVOA_Y
ClientSampleId :
RVE-120

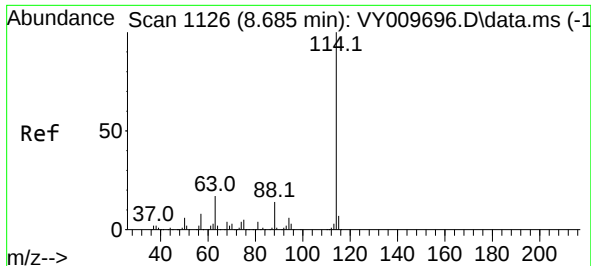
Tgt Ion: 56 Resp: 2895
Ion Ratio Lower Upper
56 100
69 162.2 26.7 40.1#
84 159.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.724 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

Tgt Ion: 65 Resp: 58334
Ion Ratio Lower Upper
65 100
67 55.2 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: VY009784.D

Acq: 29 Jul 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

RVE-120

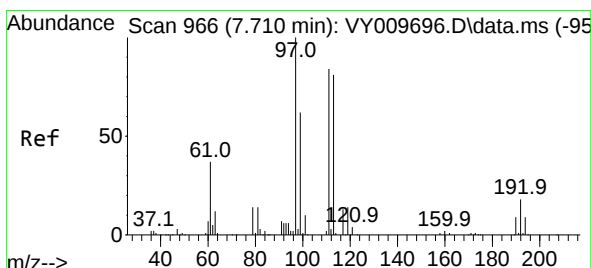
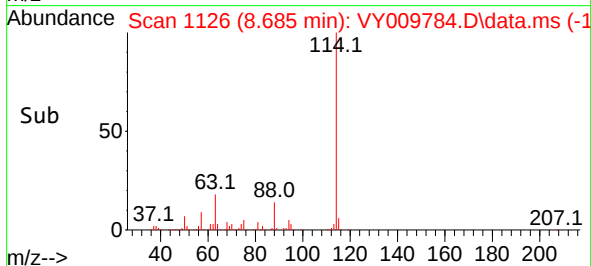
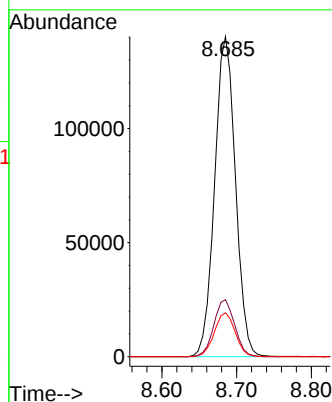
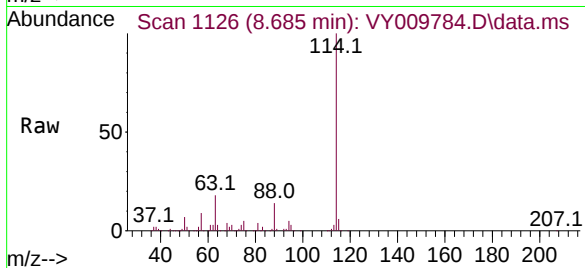
Tgt Ion:114 Resp: 271726

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.409 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009784.D

Acq: 29 Jul 2022 19:47

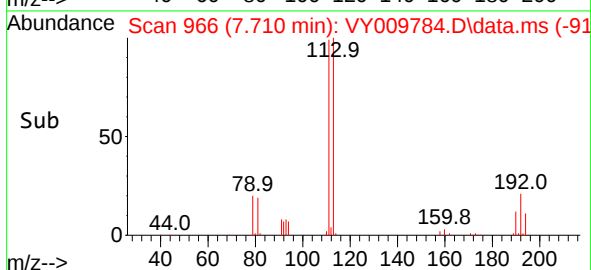
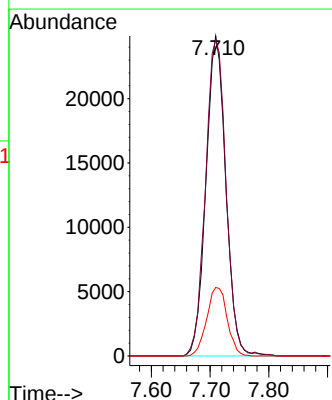
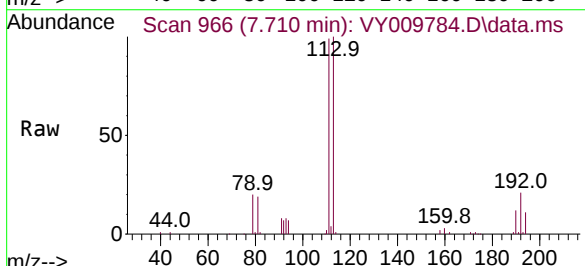
Tgt Ion:113 Resp: 58240

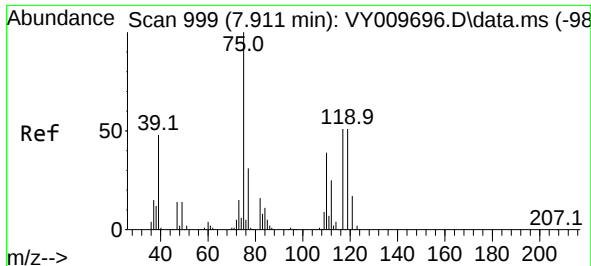
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 22.1 17.6 26.4

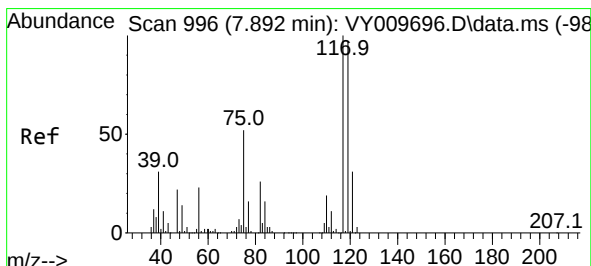
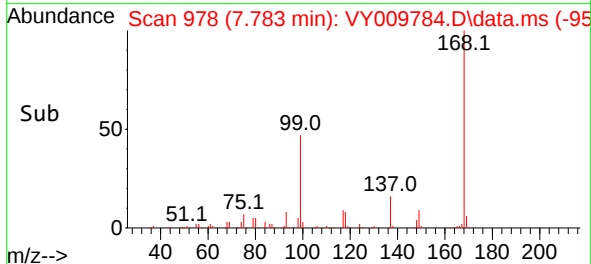
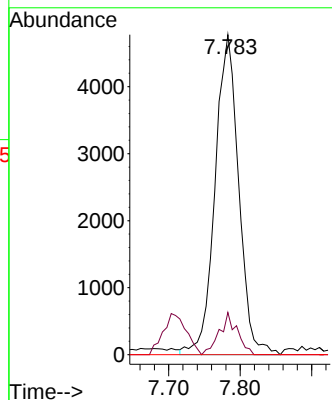
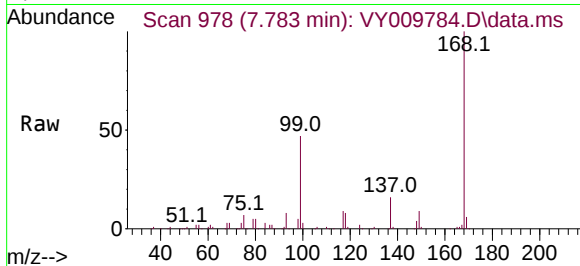




#36
 1,1-Dichloropropene
 Concen: 4.569 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY009784.D
 Acq: 29 Jul 2022 19:47

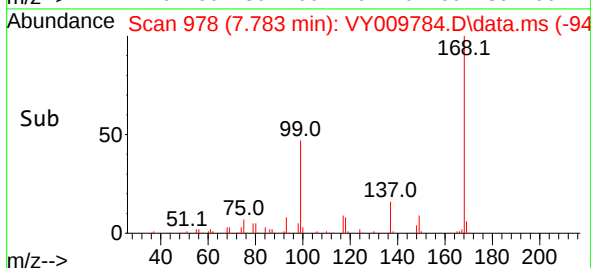
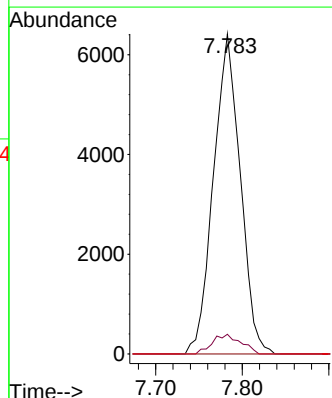
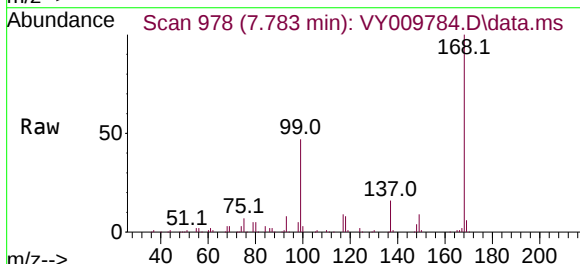
Instrument :
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 RVE-120

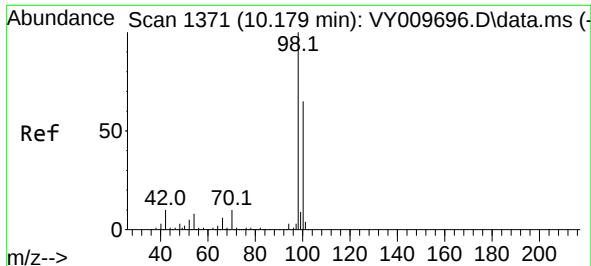
Tgt Ion: 75 Resp: 10986
 Ion Ratio Lower Upper
 75 100
 110 9.9 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.349 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.109 min
 Lab File: VY009784.D
 Acq: 29 Jul 2022 19:47

Tgt Ion: 117 Resp: 13783
 Ion Ratio Lower Upper
 117 100
 119 6.2 77.9 116.9#
 121 0.0 24.8 37.2#

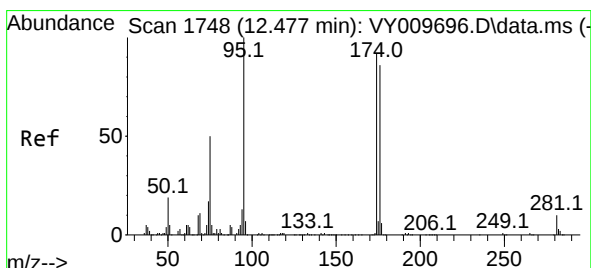
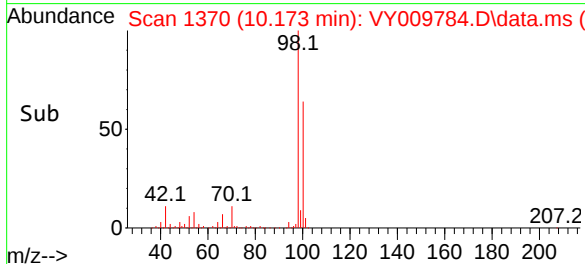
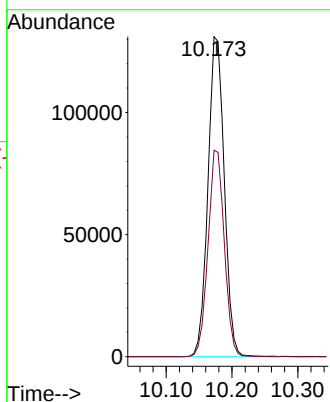
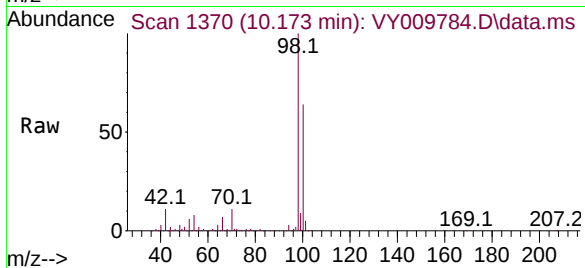




#50
Toluene-d8
Concen: 52.818 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

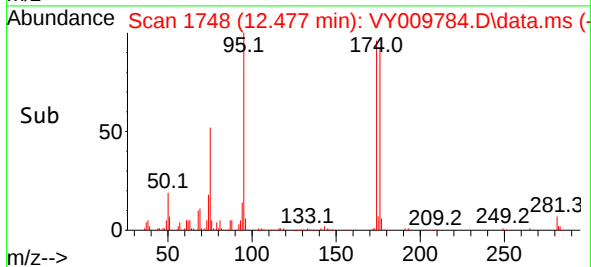
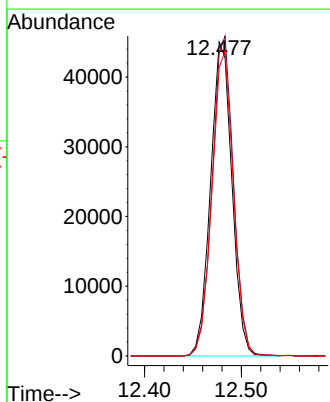
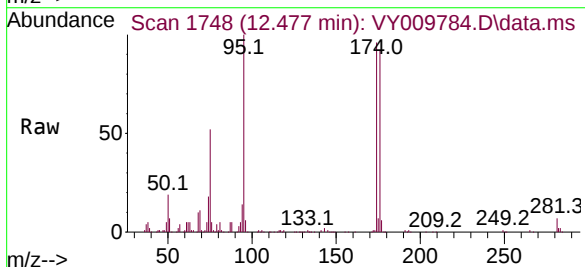
Instrument :
MSVOA_Y
ClientSampleId :
RVE-120

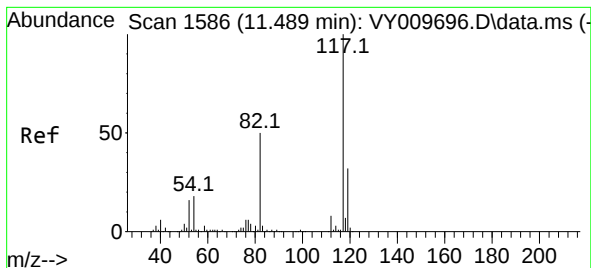
Tgt Ion: 98 Resp: 226301
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.276 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

Tgt Ion: 95 Resp: 69127
Ion Ratio Lower Upper
95 100
174 101.8 0.0 177.0
176 97.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009784.D

Acq: 29 Jul 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

RVE-120

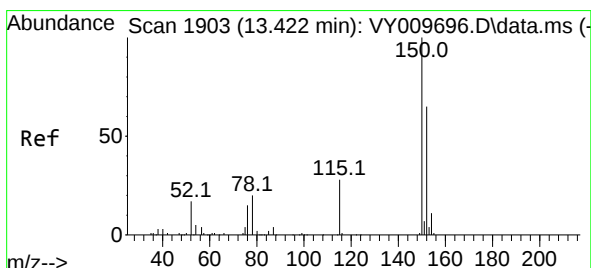
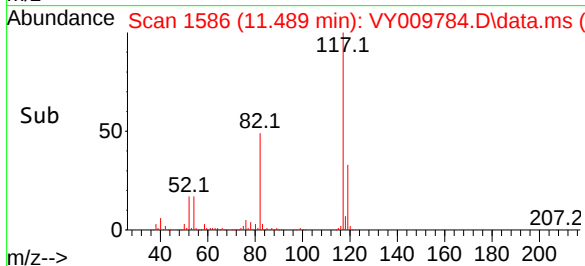
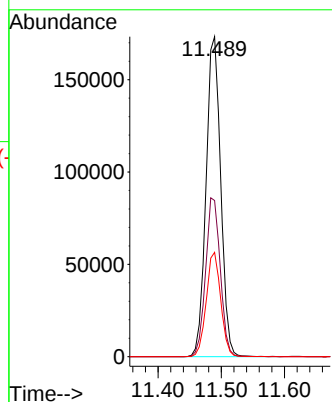
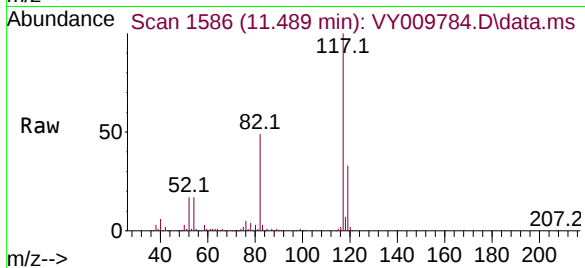
Tgt Ion:117 Resp: 279259

Ion Ratio Lower Upper

117 100

82 48.8 43.0 64.4

119 32.6 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: VY009784.D

Acq: 29 Jul 2022 19:47

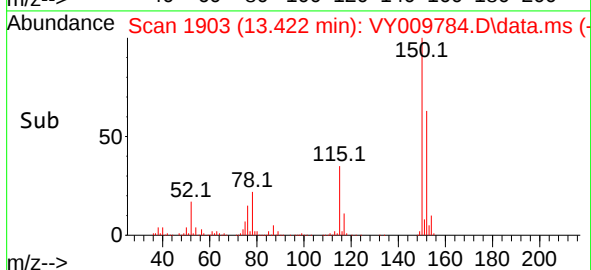
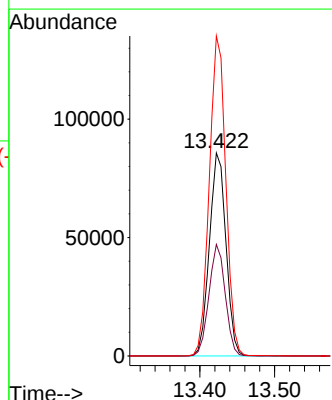
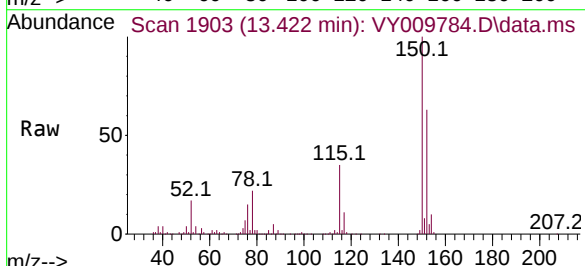
Tgt Ion:152 Resp: 132153

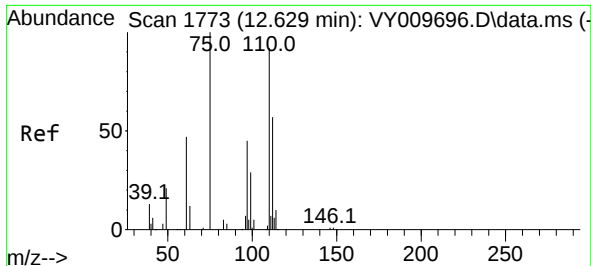
Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 156.7 0.0 347.6

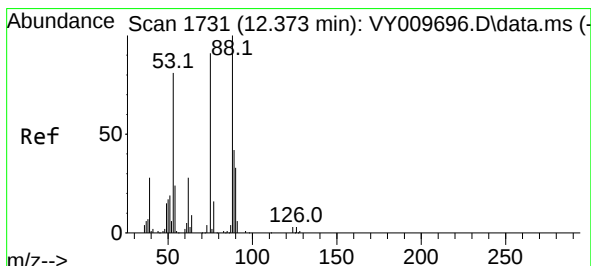
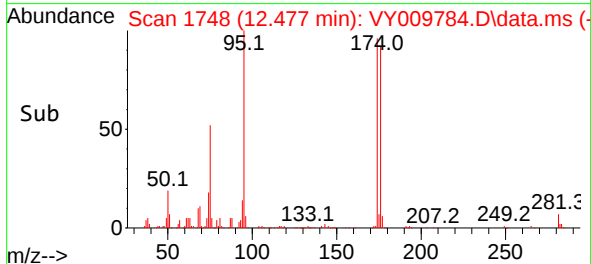
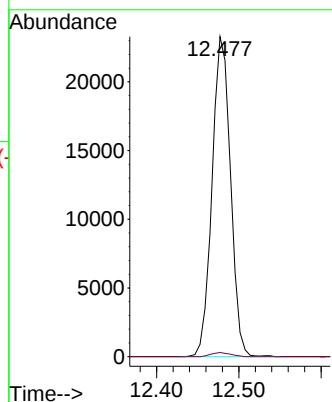
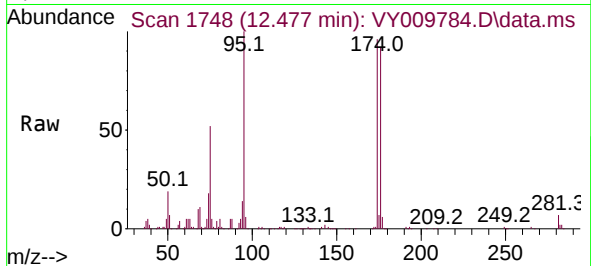




#76
1,2,3-Trichloropropane
Concen: 29.559 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
RVE-120

Tgt Ion: 75 Resp: 36284
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.920 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

Tgt Ion: 75 Resp: 36284
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

