

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009682.D
 Acq On : 25 Jul 2022 13:27
 Operator : KP/MD
 Sample : N3839-03
 Misc : 6.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-DE-5-(0-5)

Quant Time: Jul 26 05:56:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

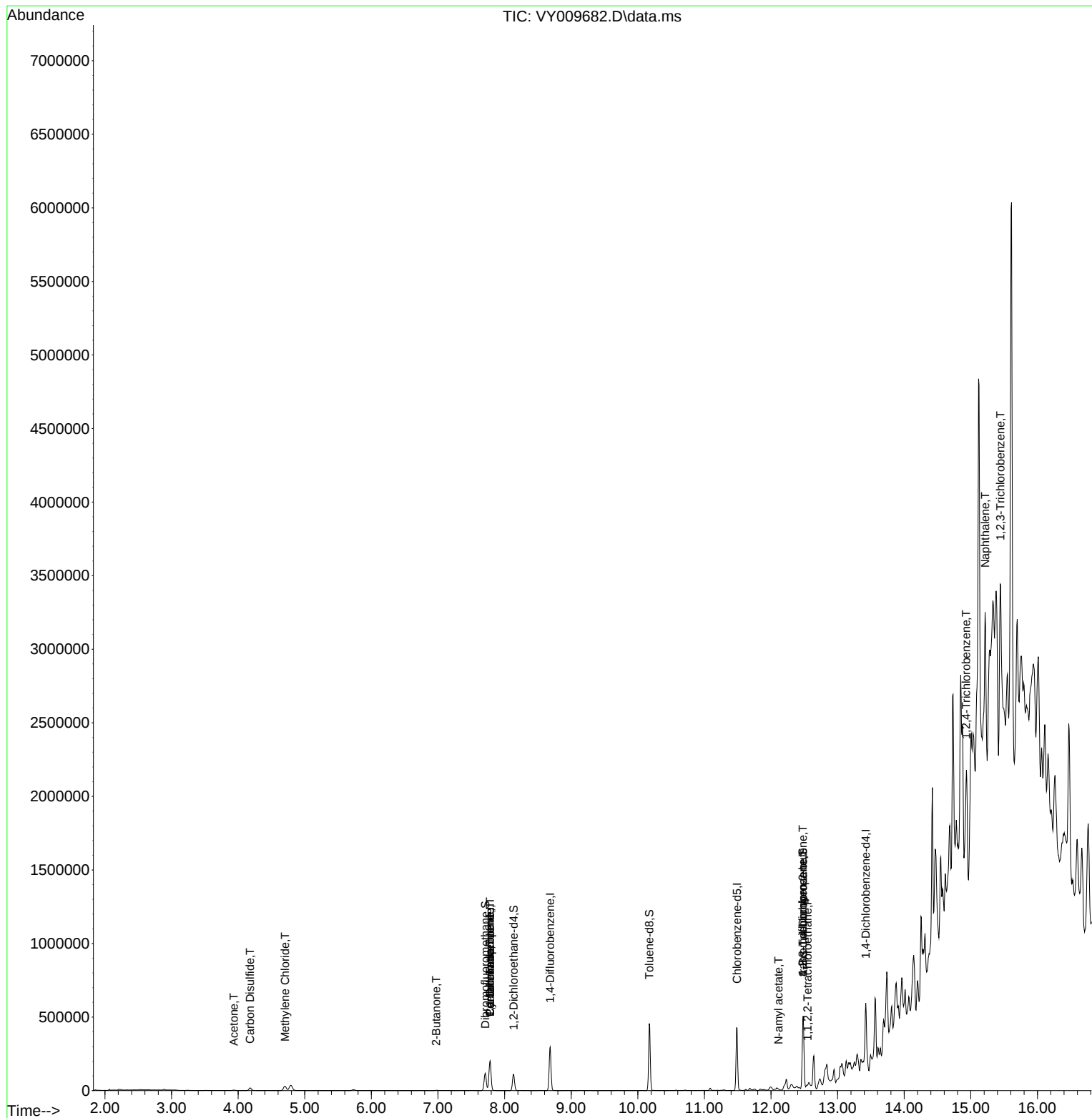
Internal Standards						
1) Pentafluorobenzene	7.783	168	168829	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	265293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87016	54.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.000%	
35) Dibromofluoromethane	7.709	113	82561	49.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.800%	
50) Toluene-d8	10.172	98	303610	47.254	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 94.500%	
62) 4-Bromofluorobenzene	12.477	95	105341	50.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 101.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	1457	Below Cal	#	77
16) Acetone	3.936	43	5457	13.510	ug/l	# 83
17) Carbon Disulfide	4.180	76	37174	7.702	ug/l	98
20) Methylene Chloride	4.704	84	23246	1.946	ug/l	# 79
25) 2-Butanone	6.972	43	2966	5.034	ug/l	99
31) Cyclohexane	7.783	56	2975	1.057	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	10819	4.381	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	15123	5.849	ug/l	# 15
74) N-amyl acetate	12.111	43	2917	1.272	ug/l	# 47
75) 1,1,2,2-Tetrachloroethane	12.550	83	4119	2.385	ug/l	# 26
76) 1,2,3-Trichloropropane	12.477	75	54265	45.739	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	54265	90.188	ug/l	# 9
93) 1,2,4-Trichlorobenzene	14.928	180	10024	4.262	ug/l	98
95) Naphthalene	15.214	128	9437	2.102	ug/l	# 1
96) 1,2,3-Trichlorobenzene	15.446	180	40735	19.717	ug/l	# 13

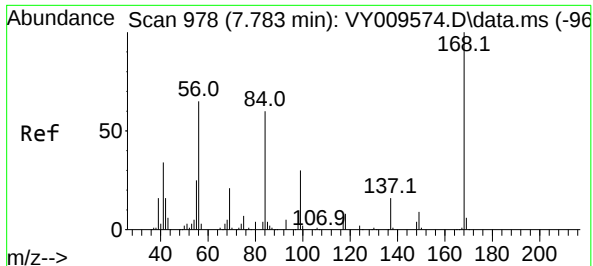
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
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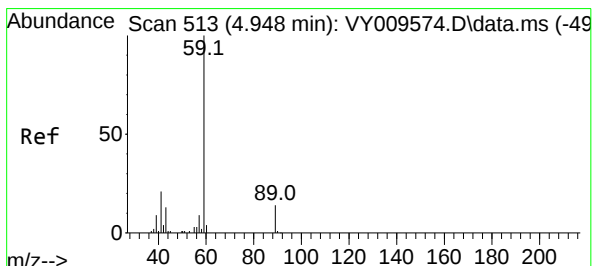
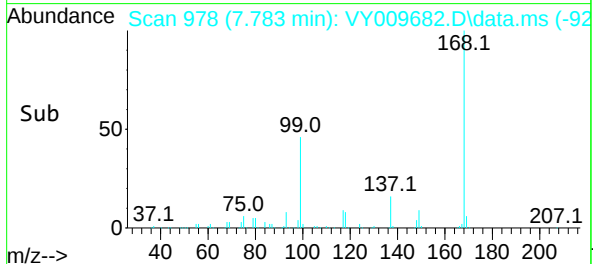
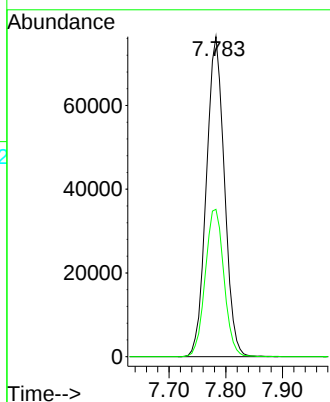
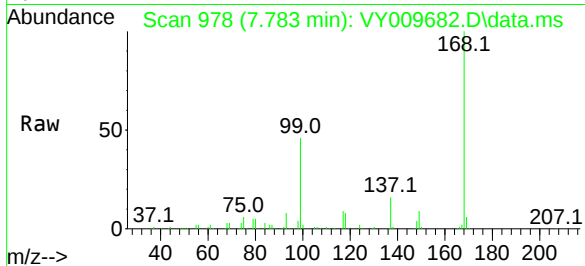




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

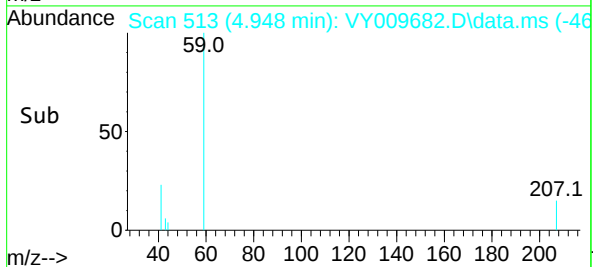
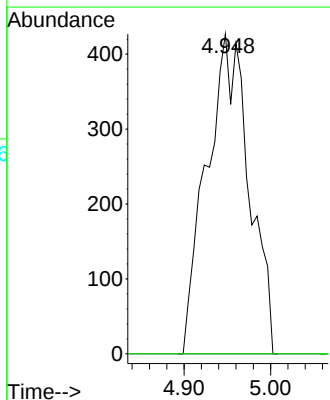
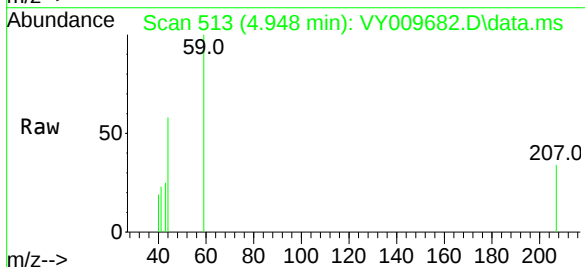
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-5-(0-5)

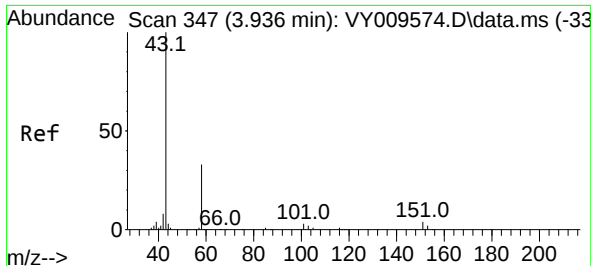
Tgt Ion:168 Resp: 168829
Ion Ratio Lower Upper
168 100
99 46.1 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

Tgt Ion: 59 Resp: 1457
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 13.510 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY009682.D

Acq: 25 Jul 2022 13:27

Instrument :

MSVOA_Y

ClientSampleId :

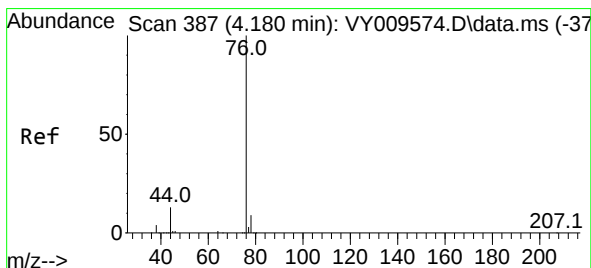
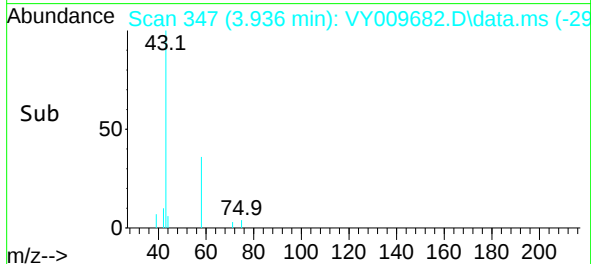
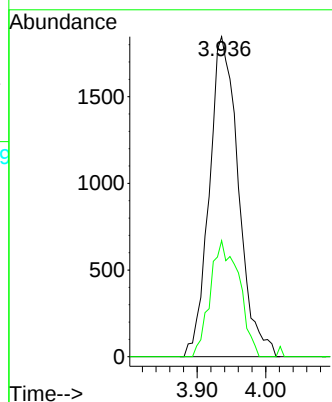
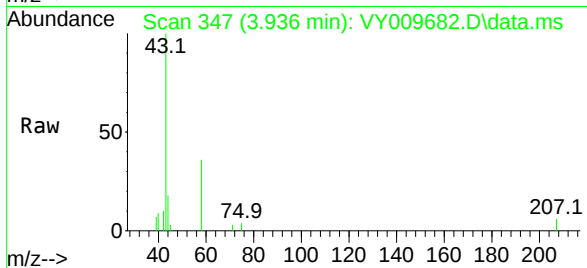
ENV-DE-5-(0-5)

Tgt Ion: 43 Resp: 5457

Ion Ratio Lower Upper

43 100

58 36.2 22.0 33.0#



#17

Carbon Disulfide

Concen: 7.702 ug/l

RT: 4.180 min Scan# 387

Delta R.T. -0.000 min

Lab File: VY009682.D

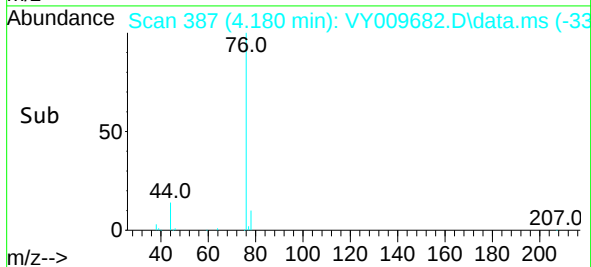
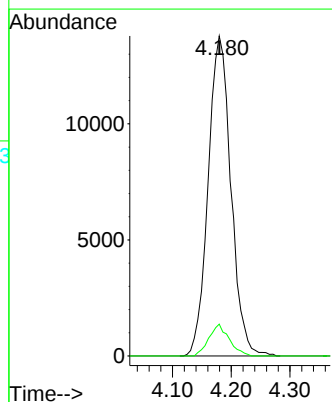
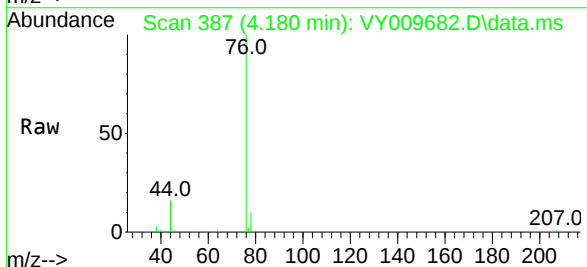
Acq: 25 Jul 2022 13:27

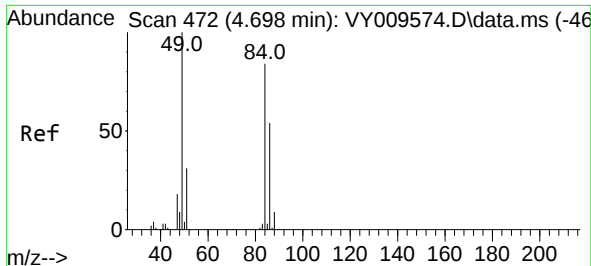
Tgt Ion: 76 Resp: 37174

Ion Ratio Lower Upper

76 100

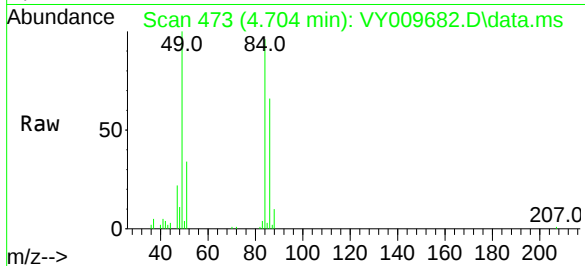
78 9.9 7.4 11.0



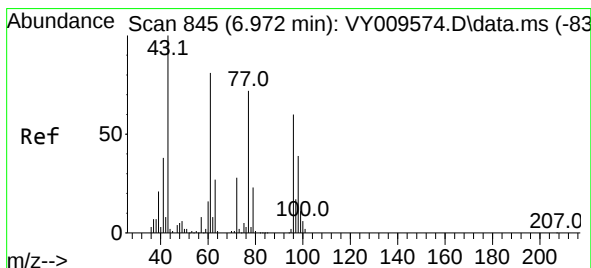
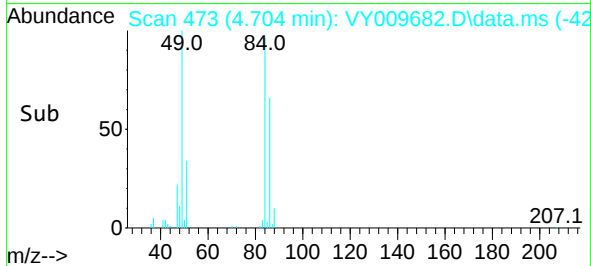
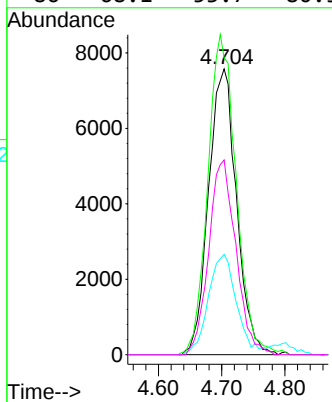


#20
Methylene Chloride
Concen: 1.946 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-5-(0-5)

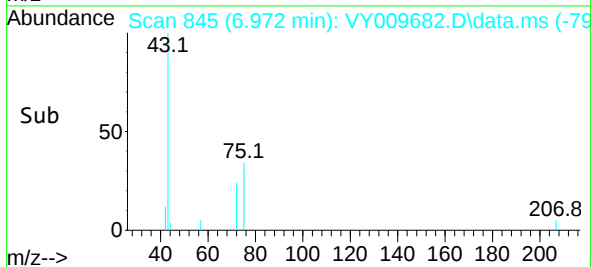
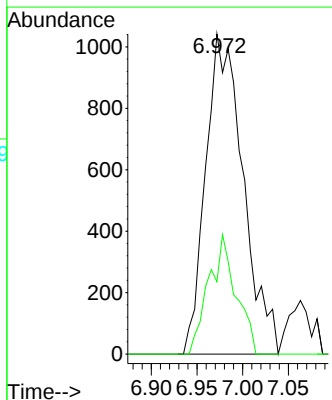
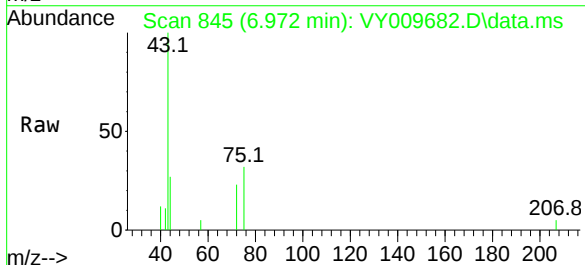


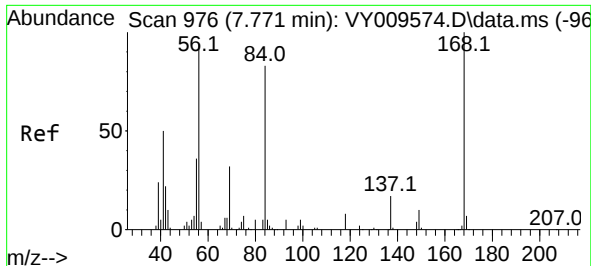
Tgt Ion: 84 Resp: 23246
Ion Ratio Lower Upper
84 100
49 103.8 114.4 171.6#
51 35.1 35.3 52.9#
86 68.1 53.7 80.5



#25
2-Butanone
Concen: 5.034 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

Tgt Ion: 43 Resp: 2966
Ion Ratio Lower Upper
43 100
72 22.6 17.7 26.5

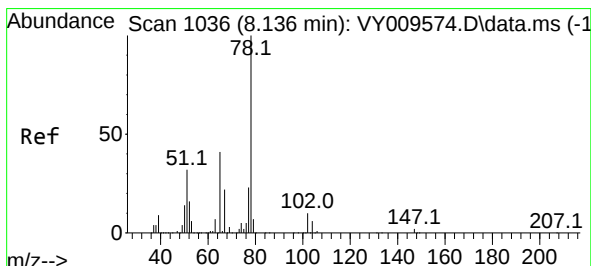
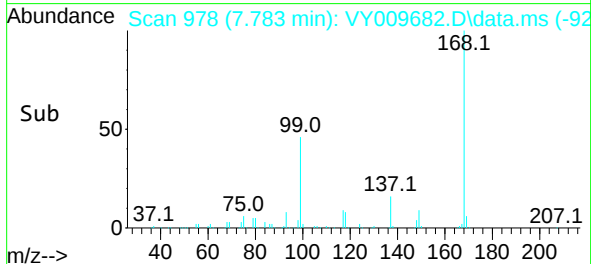
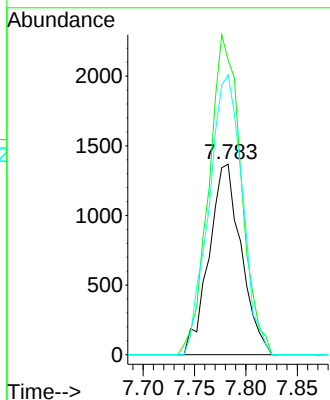
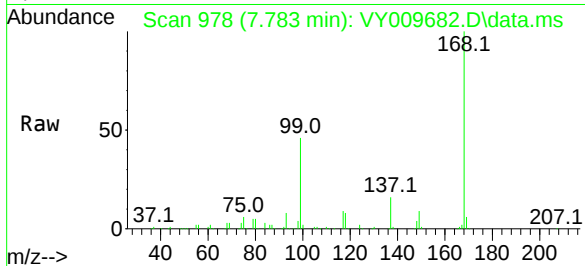




#31
Cyclohexane
Concen: 1.057 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

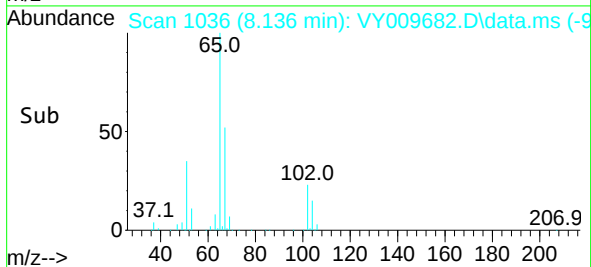
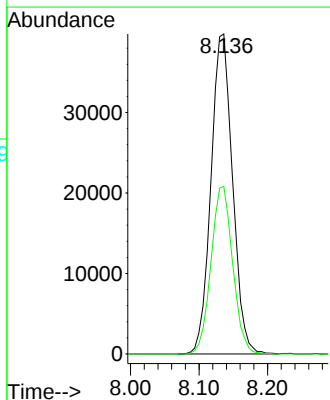
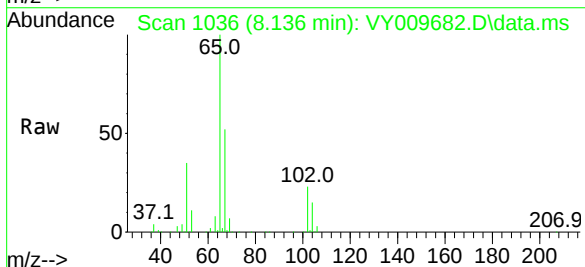
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-5-(0-5)

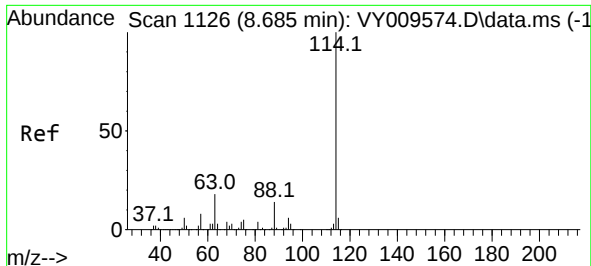
Tgt Ion: 56 Resp: 2975
Ion Ratio Lower Upper
56 100
69 154.6 26.7 40.1#
84 146.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.497 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

Tgt Ion: 65 Resp: 87016
Ion Ratio Lower Upper
65 100
67 52.5 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: VY009682.D

Acq: 25 Jul 2022 13:27

Instrument :

MSVOA_Y

ClientSampleId :

ENV-DE-5-(0-5)

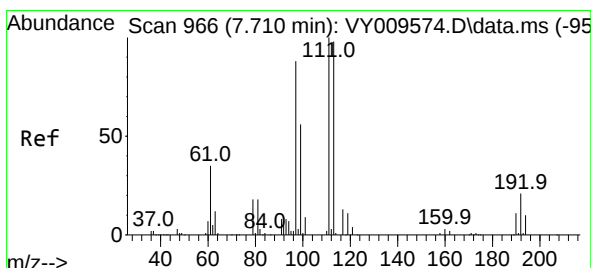
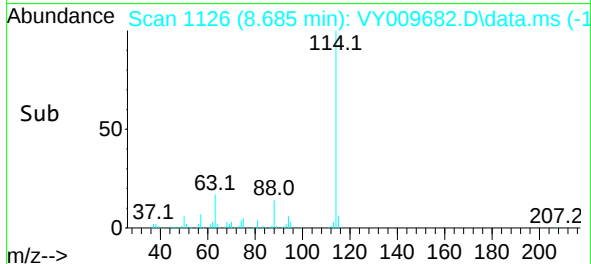
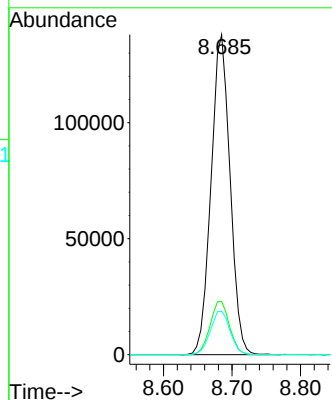
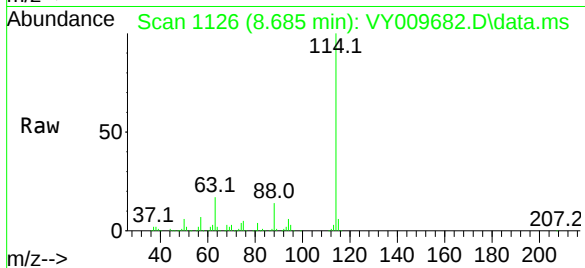
Tgt Ion:114 Resp: 265293

Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.398 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009682.D

Acq: 25 Jul 2022 13:27

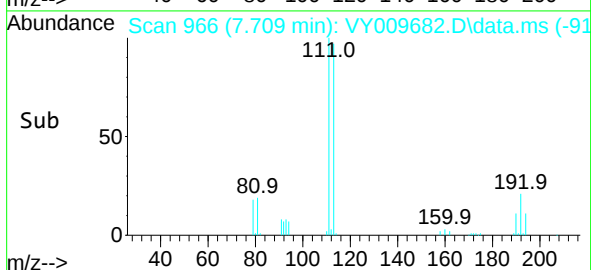
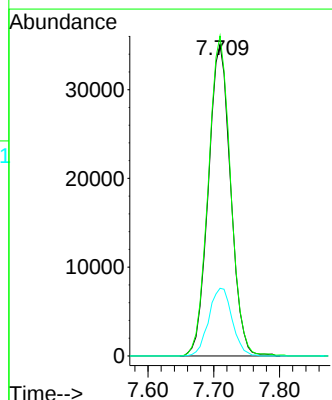
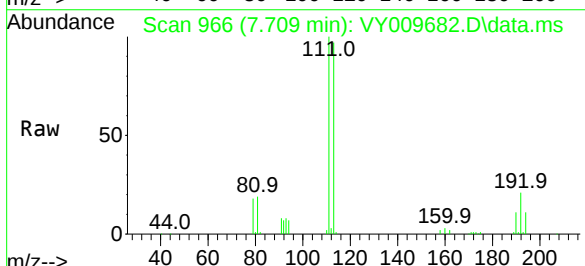
Tgt Ion:113 Resp: 82561

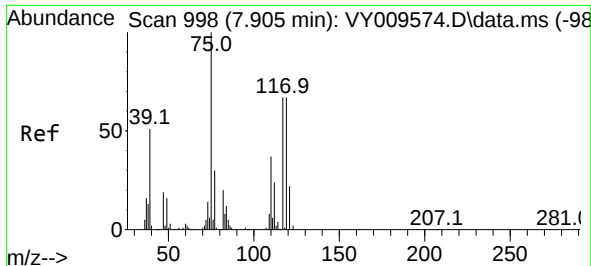
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 22.8 17.6 26.4

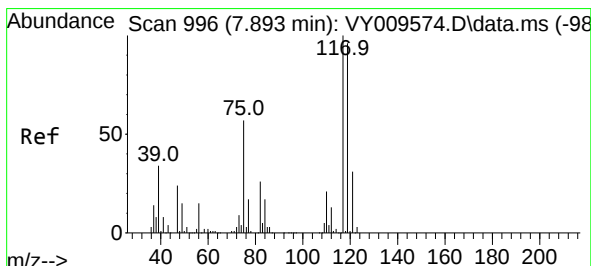
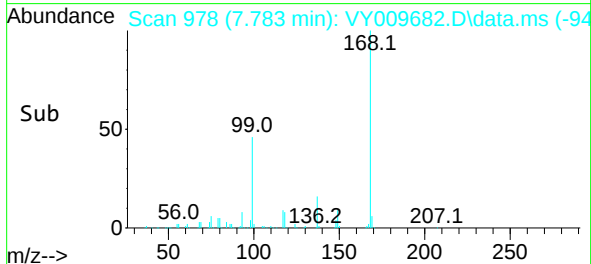
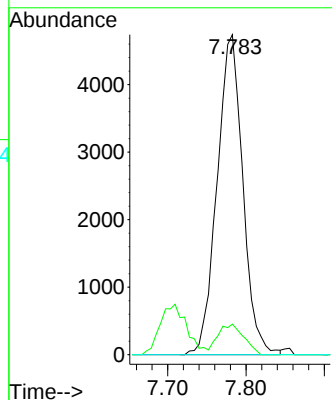
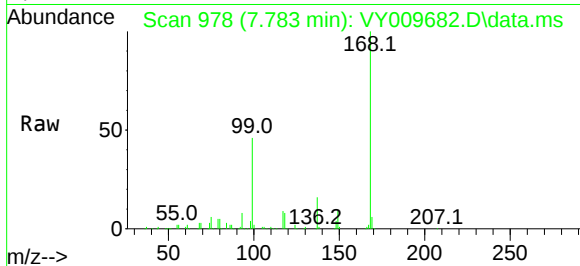




#36
 1,1-Dichloropropene
 Concen: 4.381 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY009682.D
 Acq: 25 Jul 2022 13:27

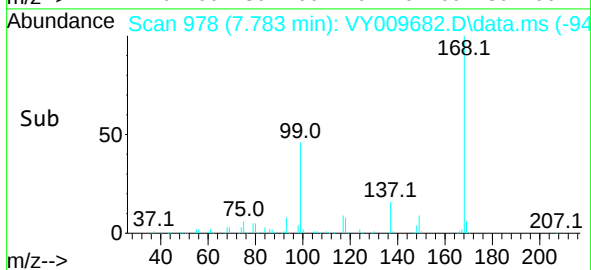
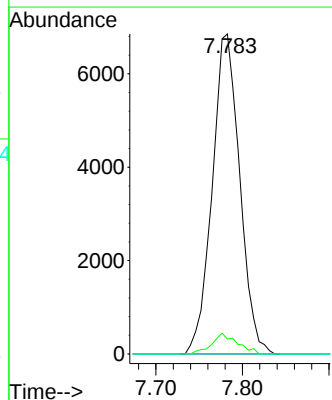
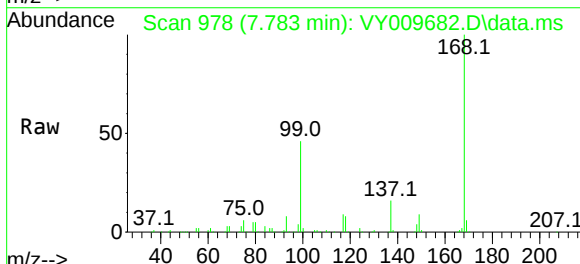
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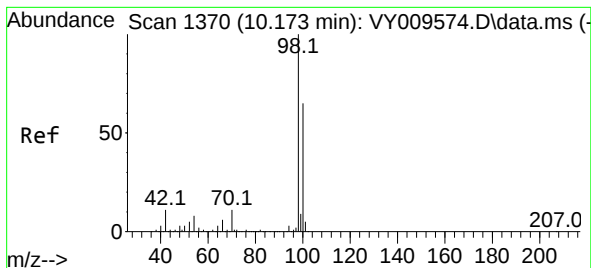
Tgt Ion: 75 Resp: 10819
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.849 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY009682.D
 Acq: 25 Jul 2022 13:27

Tgt Ion: 117 Resp: 15123
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.9 116.9#
 121 0.0 24.8 37.2#

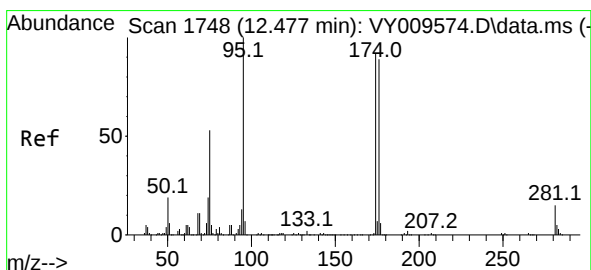
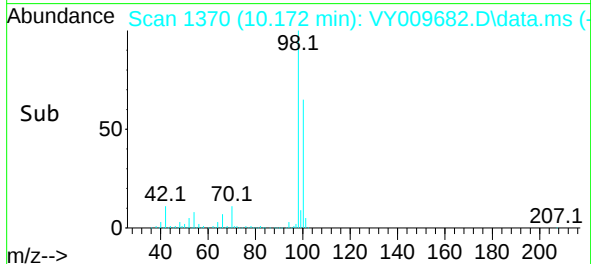
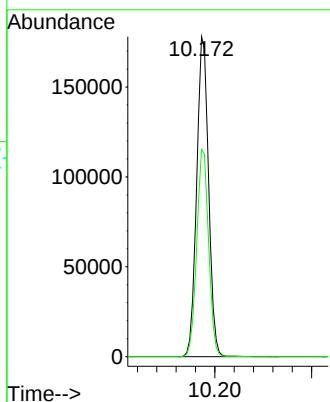
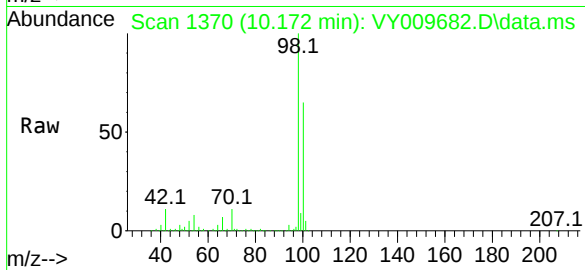




#50
Toluene-d8
Concen: 47.254 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

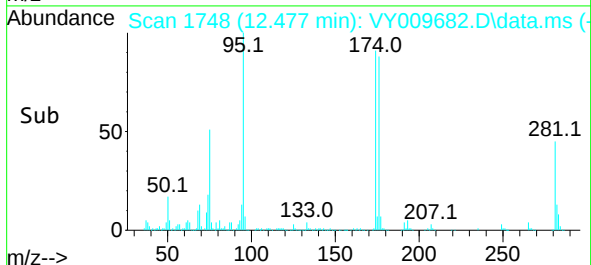
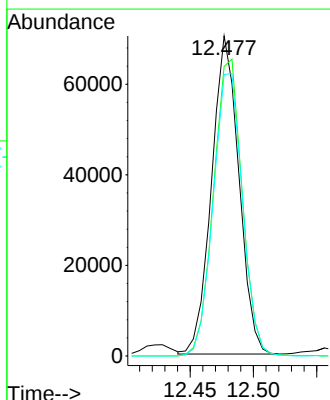
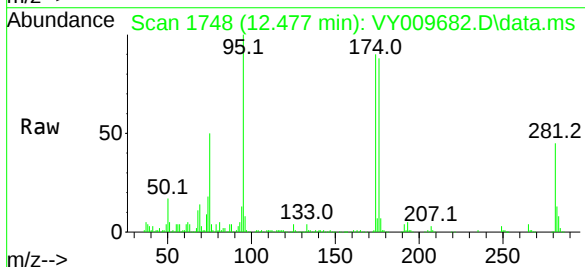
Instrument :
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ENV-DE-5-(0-5)

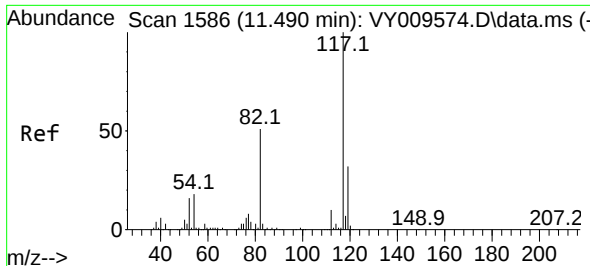
Tgt Ion: 98 Resp: 303610
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.598 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

Tgt Ion: 95 Resp: 105341
Ion Ratio Lower Upper
95 100
174 98.2 0.0 177.0
176 94.9 0.0 175.8

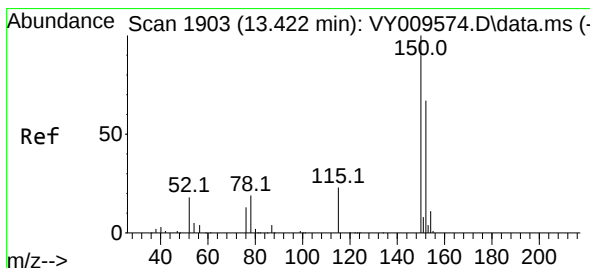
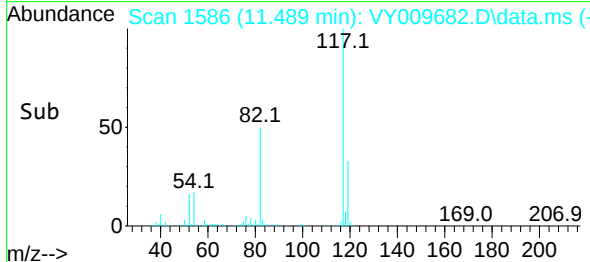
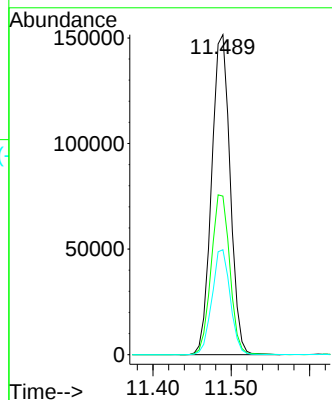
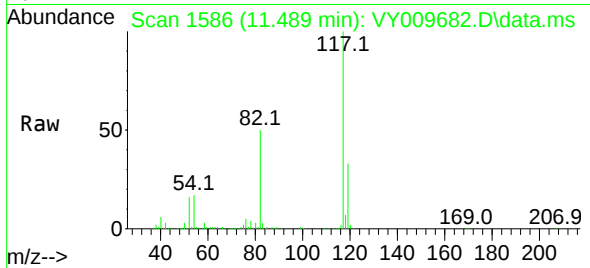




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

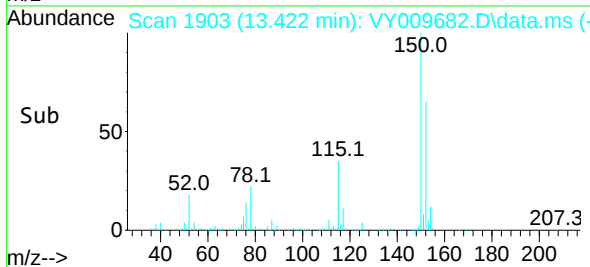
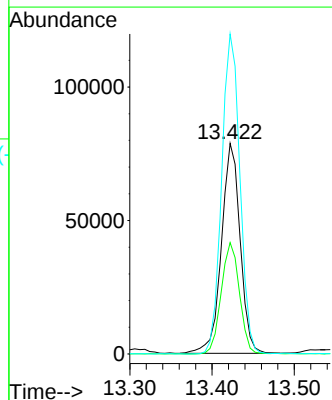
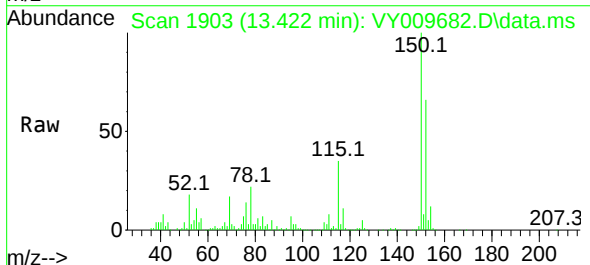
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-5-(0-5)

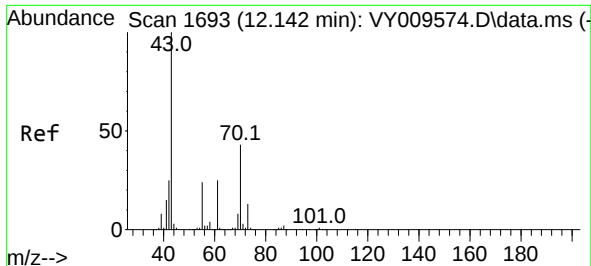
Tgt Ion:117 Resp: 248685
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

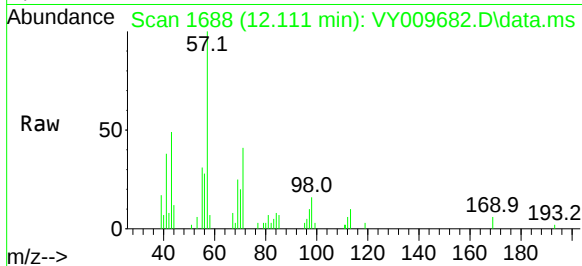
Tgt Ion:152 Resp: 124542
Ion Ratio Lower Upper
152 100
115 51.7 28.2 84.7
150 148.5 0.0 347.6



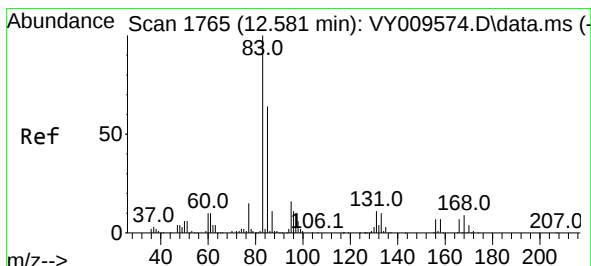
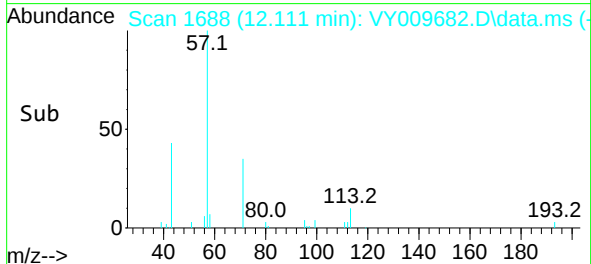
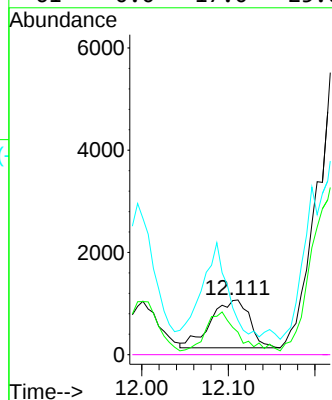


#74
N-amy1 acetate
Concen: 1.272 ug/l
RT: 12.111 min Scan# 1
Delta R.T. -0.031 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-5-(0-5)

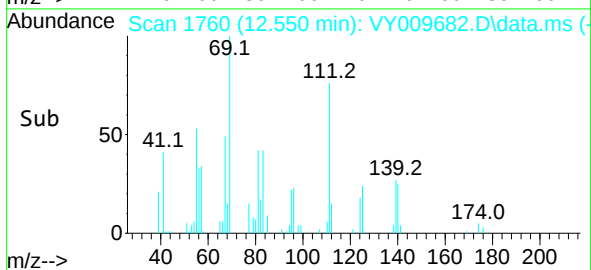
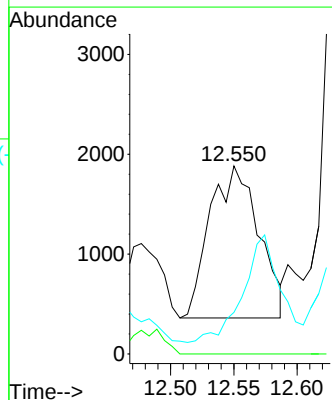
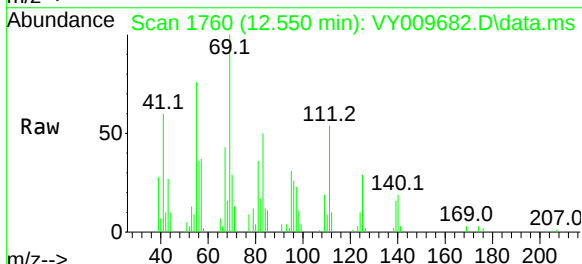


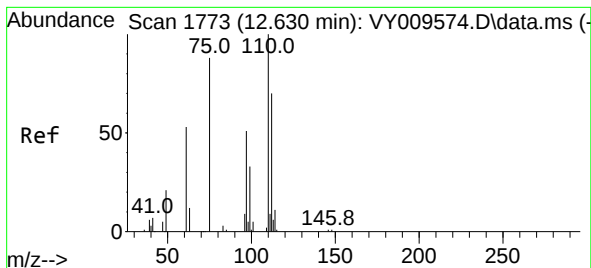
Tgt Ion: 43 Resp: 2917
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.385 ug/l
RT: 12.550 min Scan# 1760
Delta R.T. -0.031 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

Tgt Ion: 83 Resp: 4119
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 0.0 32.3 96.8#

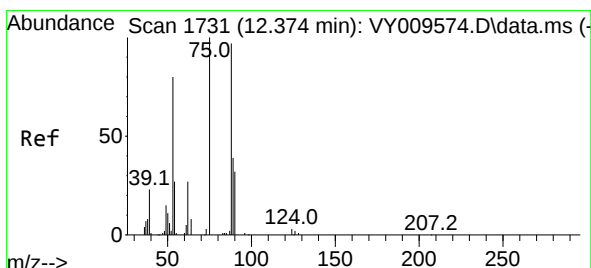
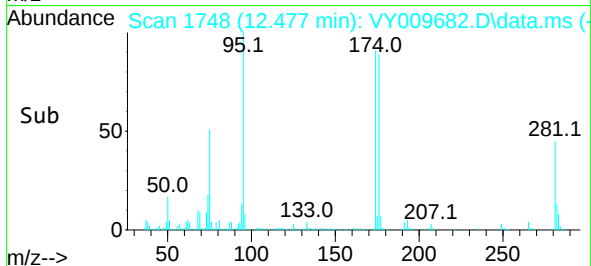
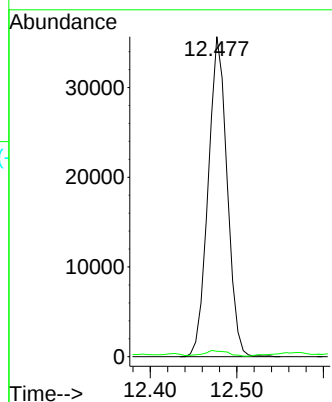
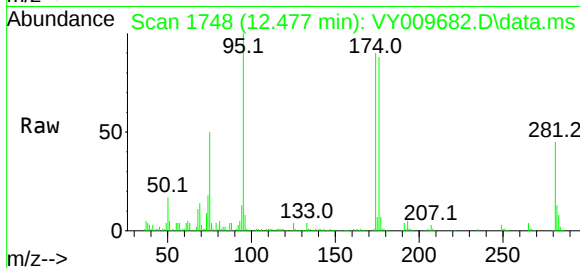




#76
1,2,3-Trichloropropane
Concen: 45.739 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

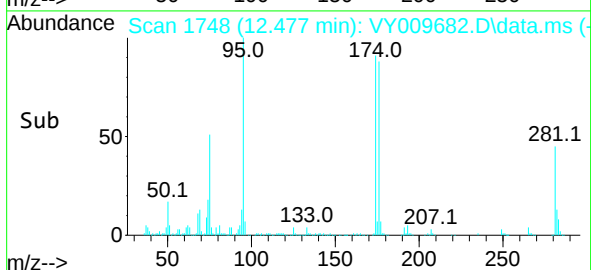
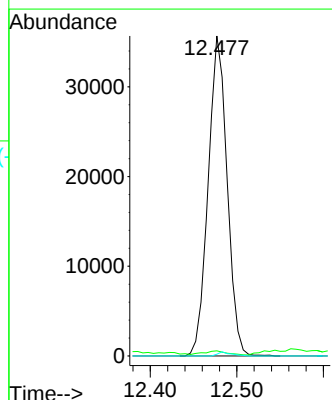
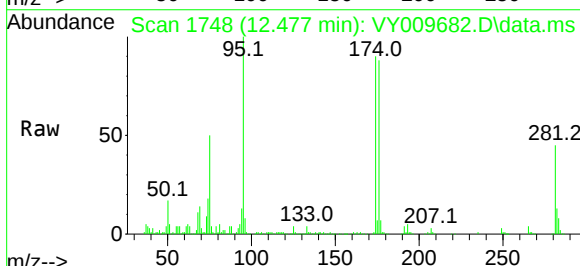
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-5-(0-5)

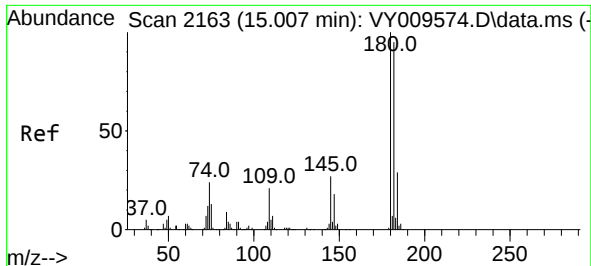
Tgt Ion: 75 Resp: 54265
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.188 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

Tgt Ion: 75 Resp: 54265
Ion Ratio Lower Upper
75 100
53 1.5 85.3 127.9#
89 0.9 37.0 55.4#

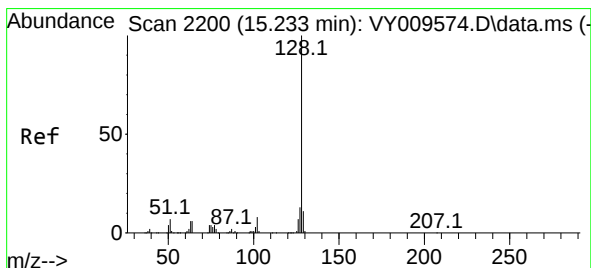
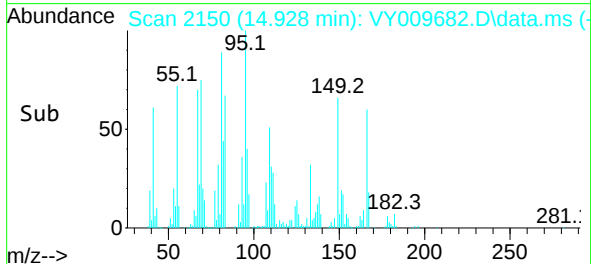
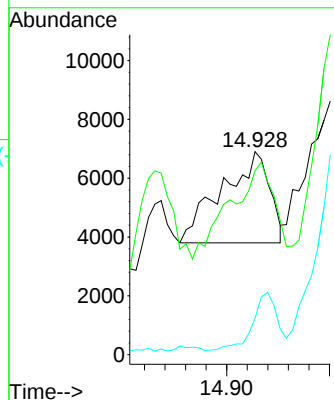
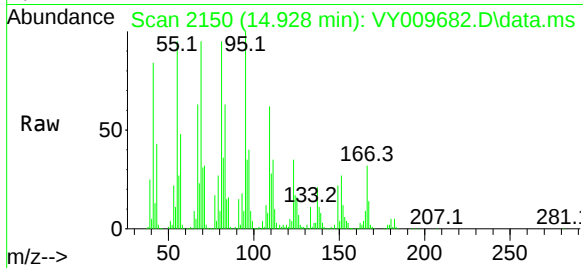




#93
1,2,4-Trichlorobenzene
Concen: 4.262 ug/l
RT: 14.928 min Scan# 2163
Delta R.T. -0.080 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

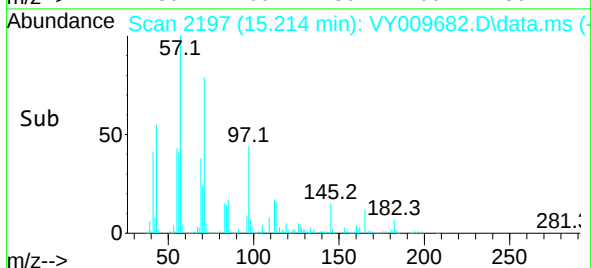
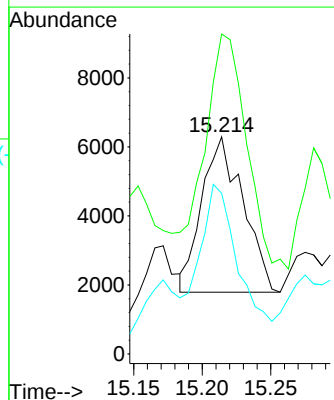
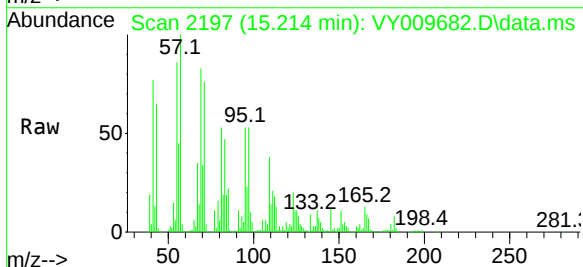
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-5-(0-5)

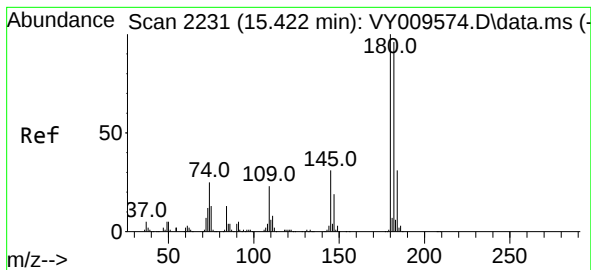
Tgt Ion:180 Resp: 10024
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 32.0 14.6 43.8



#95
Naphthalene
Concen: 2.102 ug/l
RT: 15.214 min Scan# 2197
Delta R.T. -0.019 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

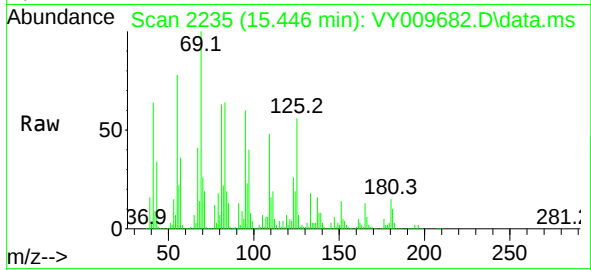
Tgt Ion:128 Resp: 9437
Ion Ratio Lower Upper
128 100
127 154.6 11.0 16.4#
129 71.8 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 19.717 ug/l
 RT: 15.446 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VY009682.D
 Acq: 25 Jul 2022 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-DE-5-(0-5)



Tgt Ion:180 Resp: 40735
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.9#
 145 0.0 15.3 45.9#

