

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008955.D
 Acq On : 21 May 2022 17:23
 Operator : KP/MD
 Sample : N2919-20
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-1824-01

Quant Time: May 21 21:31:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	120404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	214952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	205236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88874	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76509	61.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.480%
35) Dibromofluoromethane	7.716	113	68724	51.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.820%
50) Toluene-d8	10.179	98	269555	54.664	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.320%
62) 4-Bromofluorobenzene	12.477	95	78924	39.677	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.360%

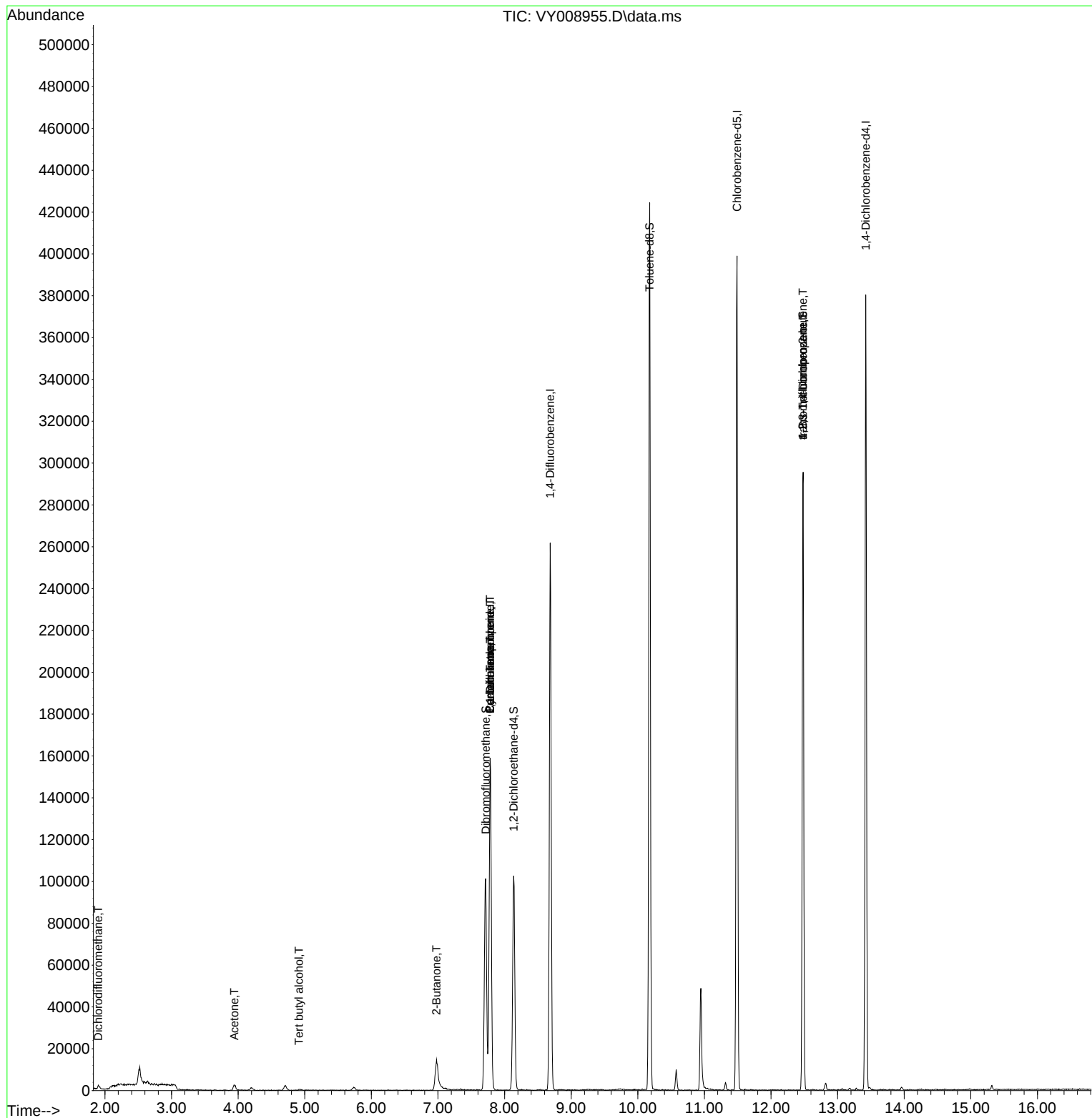
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	1296	1.177	ug/l	81
11) Tert butyl alcohol	4.911	59	472	3.755	ug/l #	77
16) Acetone	3.942	43	4432	17.182	ug/l	99
20) Methylene Chloride	4.698	84	1732	Below Cal	#	60
25) 2-Butanone	6.978	43	1105	2.398	ug/l #	87
31) Cyclohexane	7.783	56	2982	1.230	ug/l #	21
36) 1,1-Dichloropropene	7.783	75	10177	4.474	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11597	4.874	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	45133	47.289	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45133	97.062	ug/l #	7

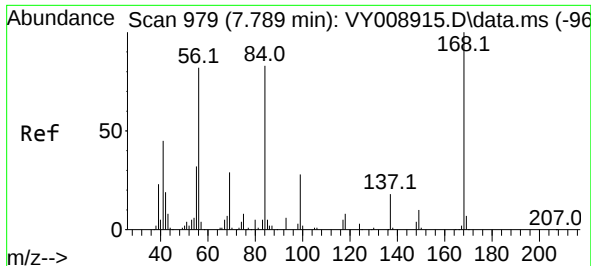
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

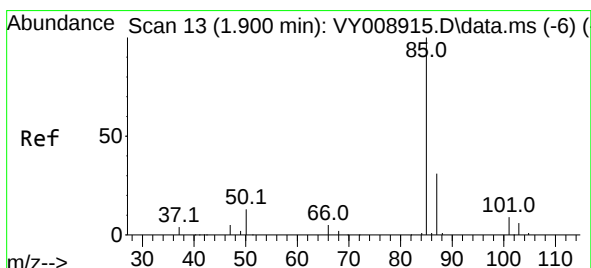
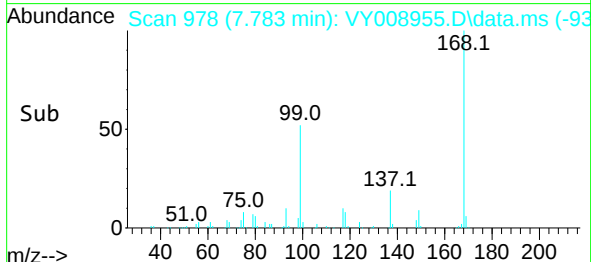
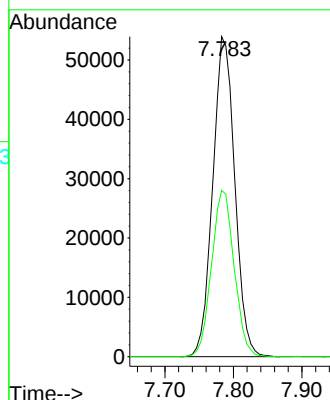
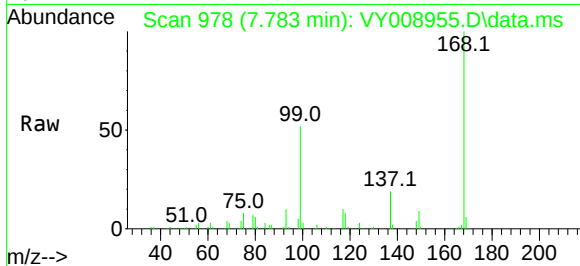




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008955.D
Acq: 21 May 2022 17:23

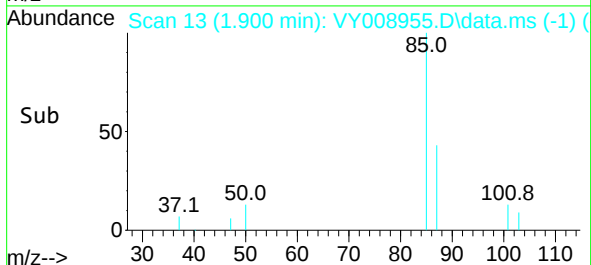
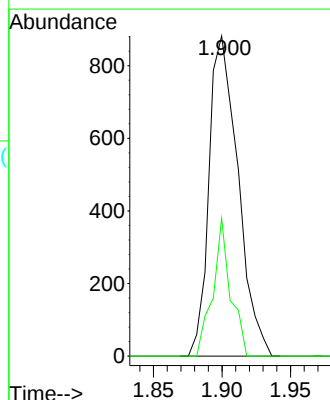
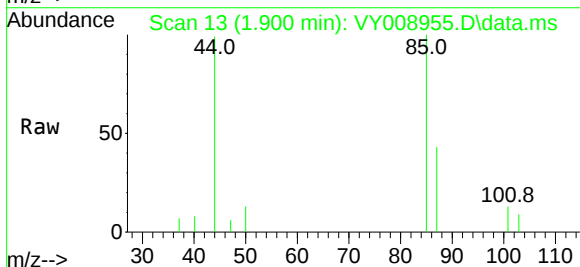
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1824-01

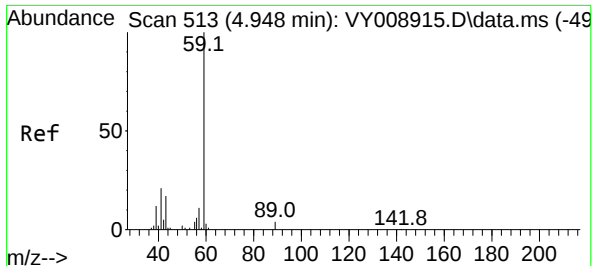
Tgt Ion:168 Resp: 120404
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.177 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008955.D
Acq: 21 May 2022 17:23

Tgt Ion: 85 Resp: 1296
Ion Ratio Lower Upper
85 100
87 43.0 16.1 48.2





#11

Tert butyl alcohol

Concen: 3.755 ug/l

RT: 4.911 min Scan# 507

Delta R.T. -0.037 min

Lab File: VY008955.D

Acq: 21 May 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

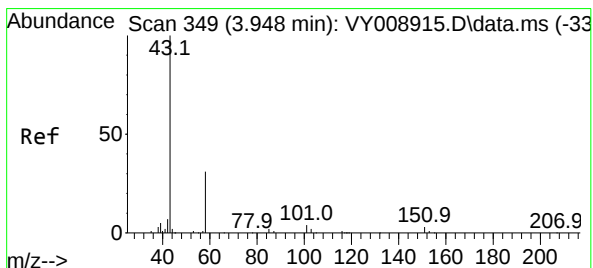
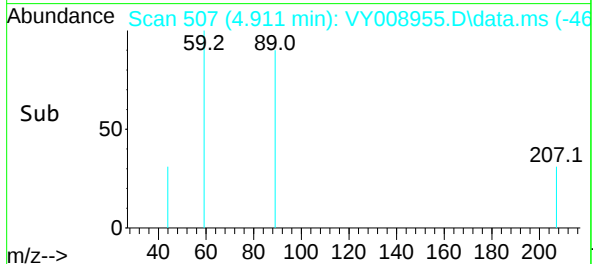
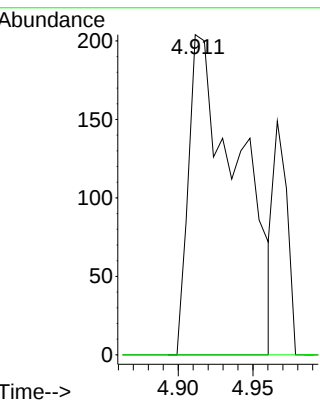
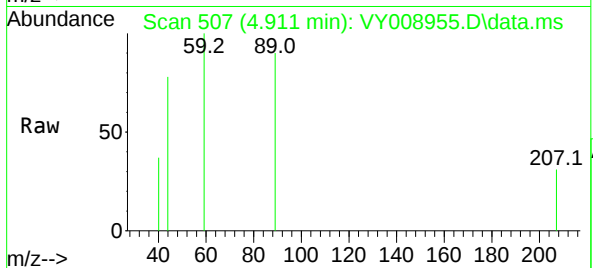
P015-SS002-1824-01

Tgt Ion: 59 Resp: 472

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 17.182 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY008955.D

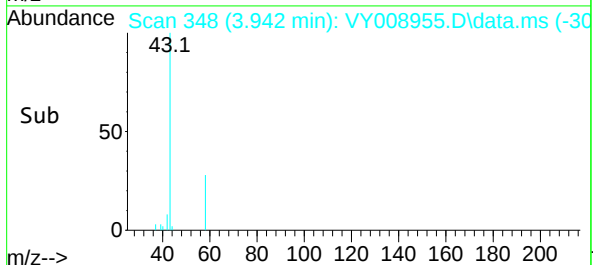
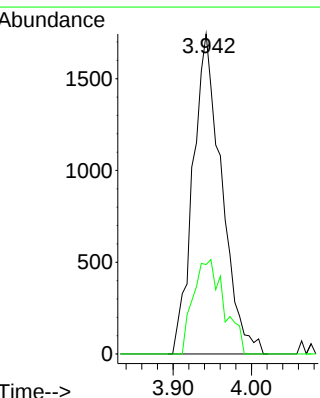
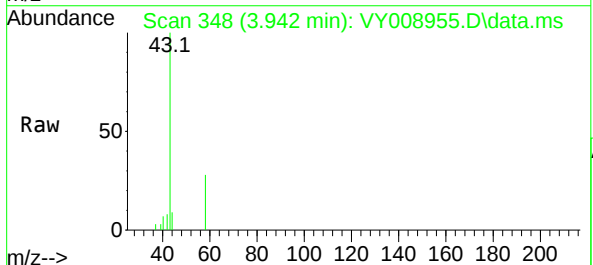
Acq: 21 May 2022 17:23

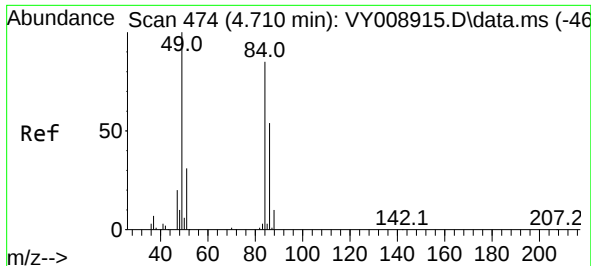
Tgt Ion: 43 Resp: 4432

Ion Ratio Lower Upper

43 100

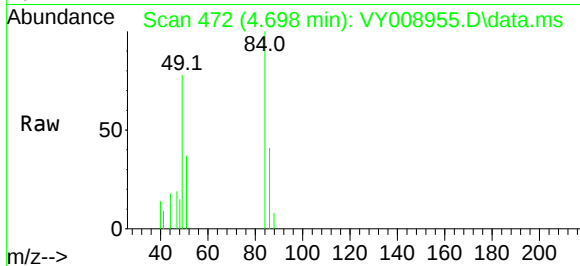
58 28.0 22.0 33.0



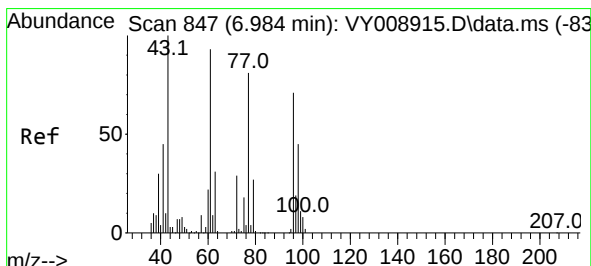
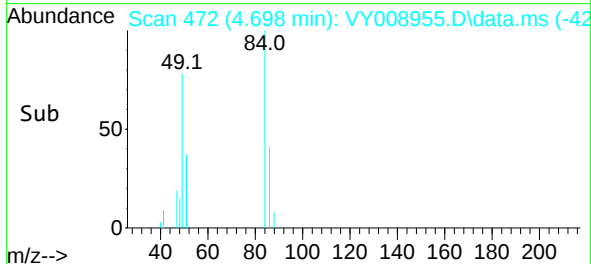
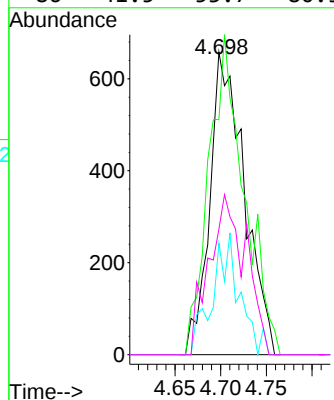


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY008955.D
Acq: 21 May 2022 17:23

Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1824-01

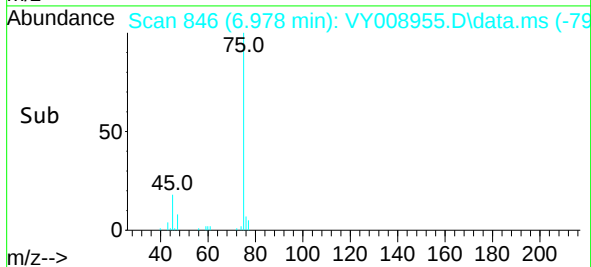
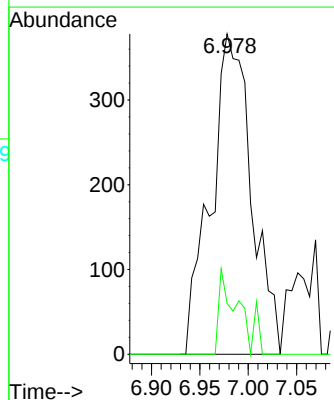
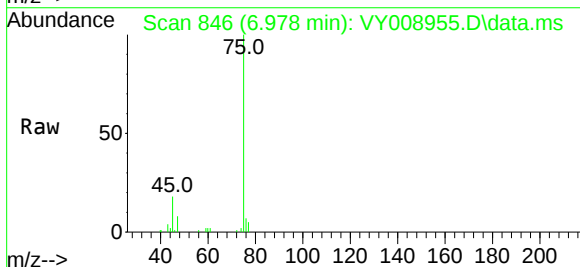


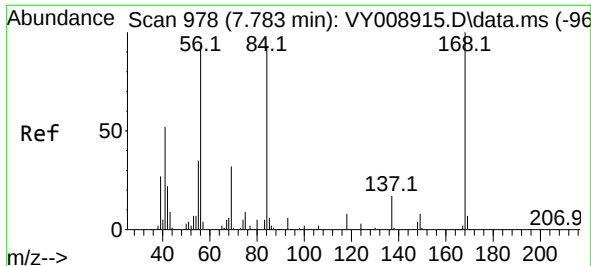
Tgt Ion: 84 Resp: 1732
Ion Ratio Lower Upper
84 100
49 77.8 114.4 171.6#
51 36.8 35.3 52.9
86 41.5 53.7 80.5#



#25
2-Butanone
Concen: 2.398 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008955.D
Acq: 21 May 2022 17:23

Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
72 15.9 17.7 26.5#

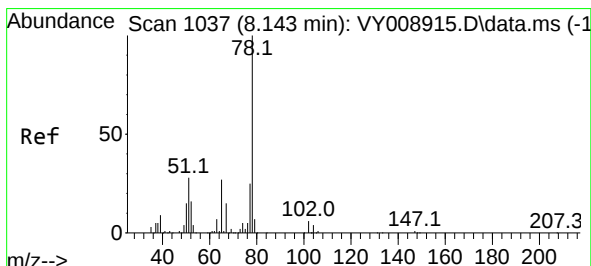
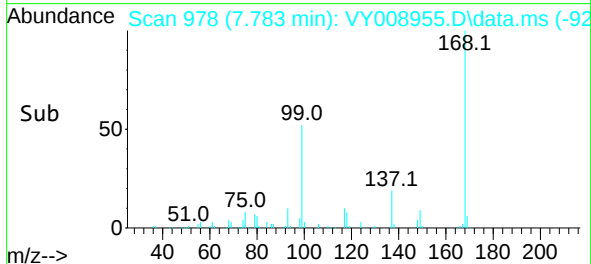
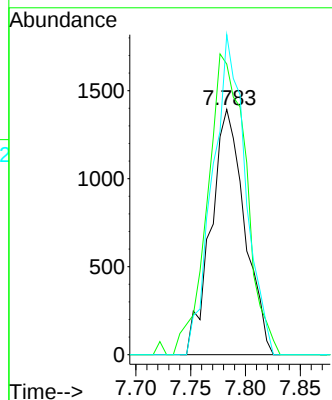
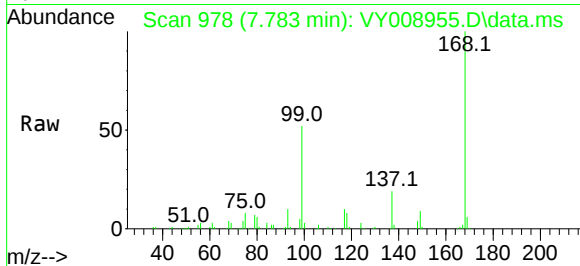




#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008955.D
Acq: 21 May 2022 17:23

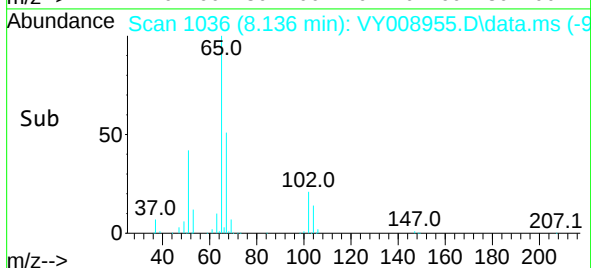
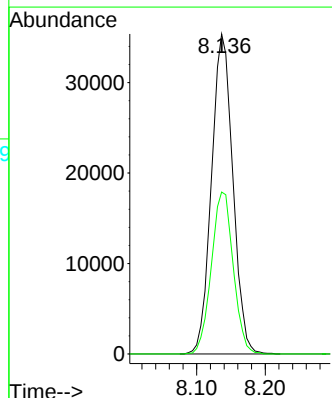
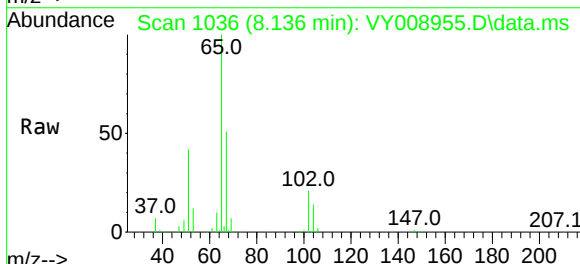
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1824-01

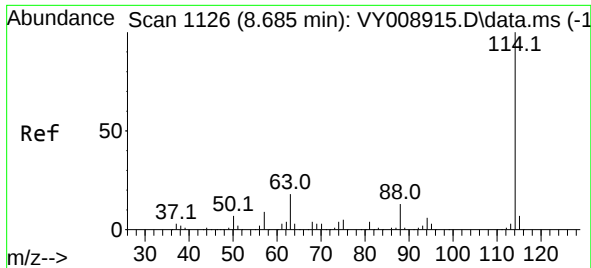
Tgt Ion: 56 Resp: 2982
Ion Ratio Lower Upper
56 100
69 118.5 26.7 40.1#
84 130.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.742 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008955.D
Acq: 21 May 2022 17:23

Tgt Ion: 65 Resp: 76509
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4

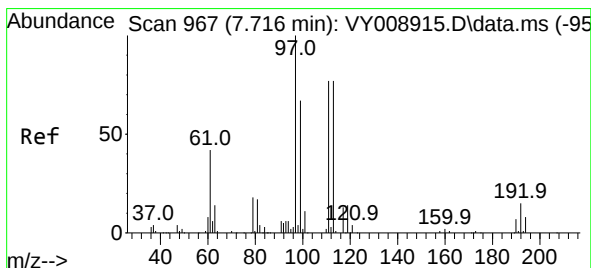
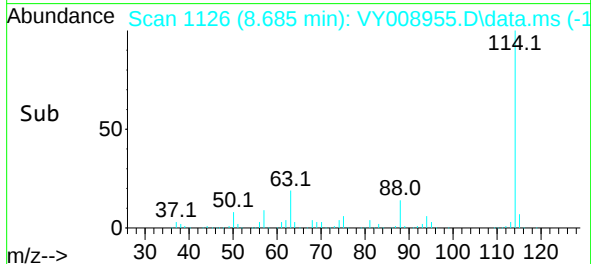
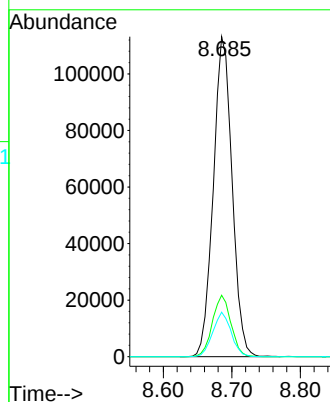
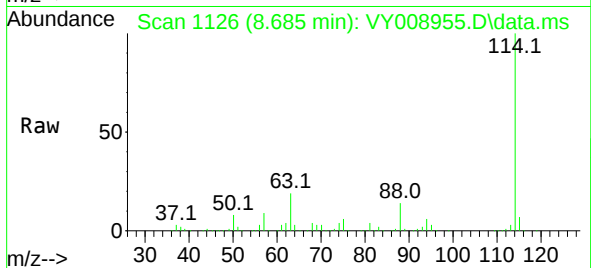




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008955.D
Acq: 21 May 2022 17:23

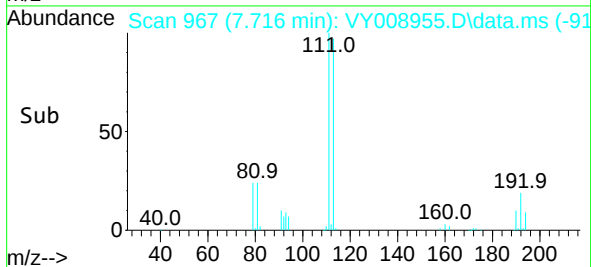
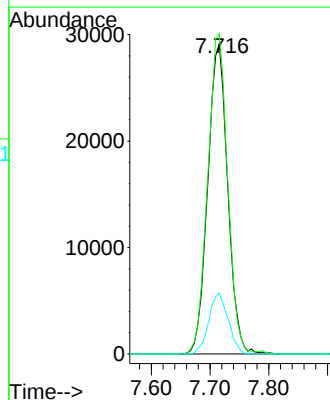
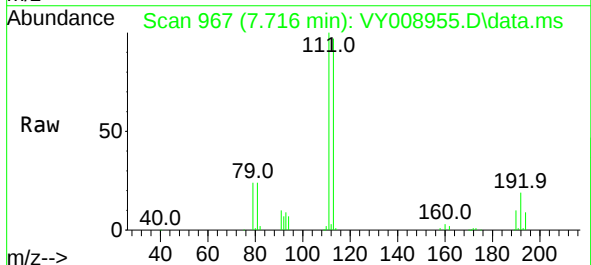
Instrument :
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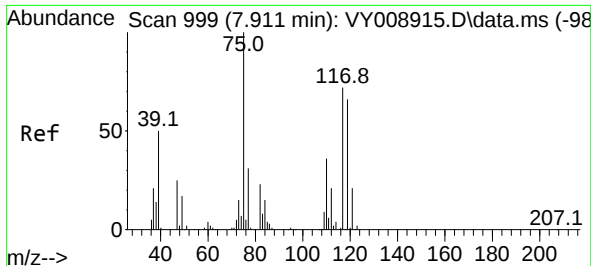
Tgt Ion:114 Resp: 214952
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.2
88 13.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.415 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008955.D
Acq: 21 May 2022 17:23

Tgt Ion:113 Resp: 68724
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.2 17.6 26.4

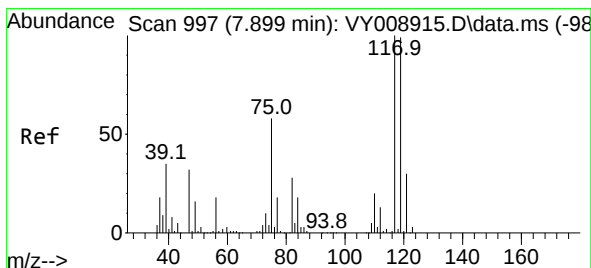
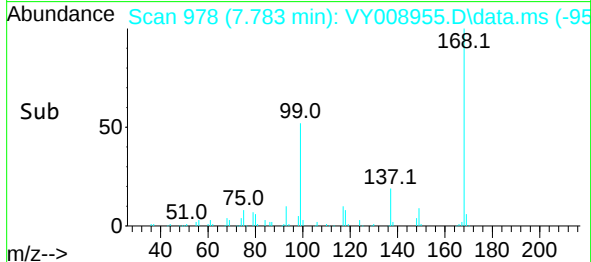
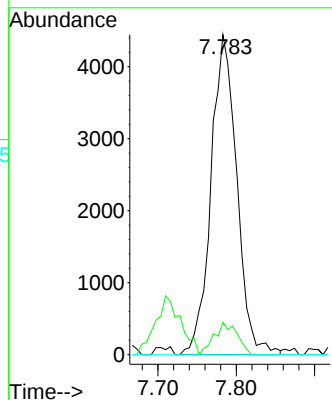
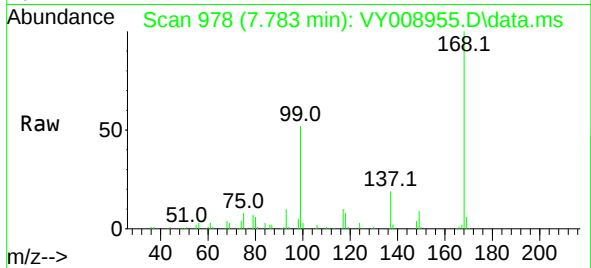




#36
1,1-Dichloropropene
Concen: 4.474 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008955.D
Acq: 21 May 2022 17:23

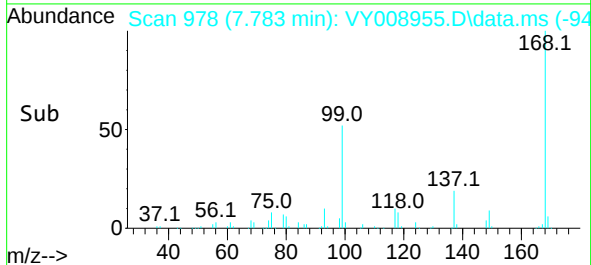
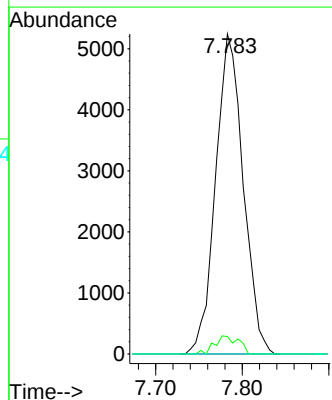
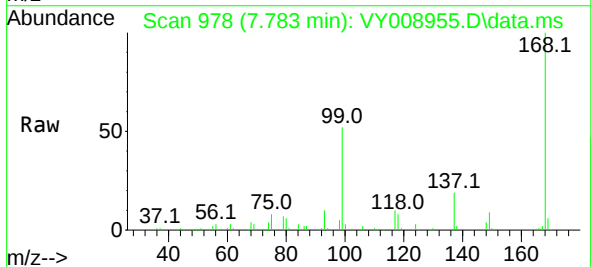
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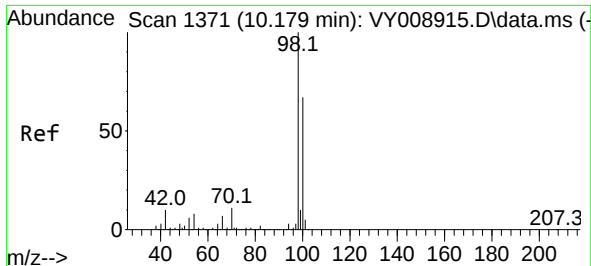
Tgt Ion: 75 Resp: 10177
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.874 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008955.D
Acq: 21 May 2022 17:23

Tgt Ion: 117 Resp: 11597
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#

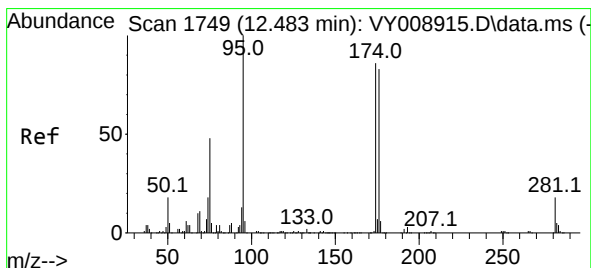
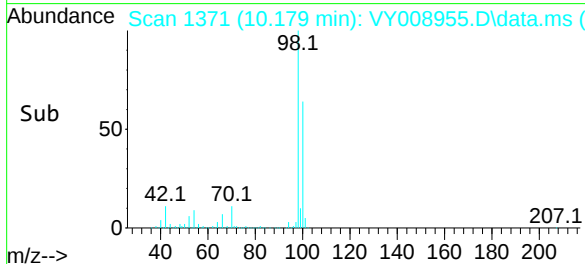
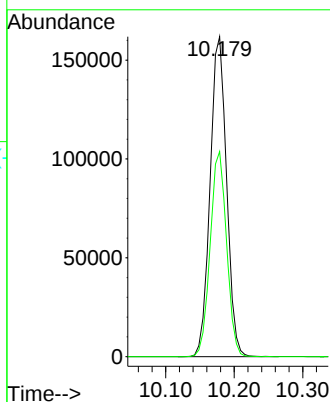
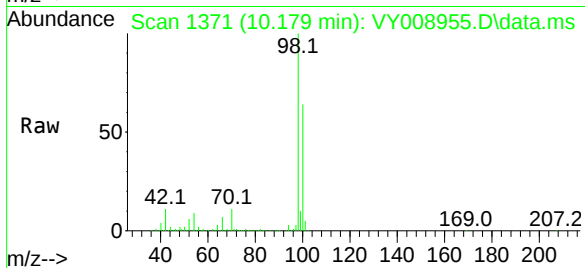




#50
Toluene-d8
Concen: 54.664 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008955.D
Acq: 21 May 2022 17:23

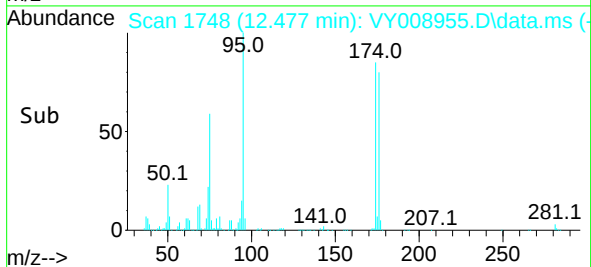
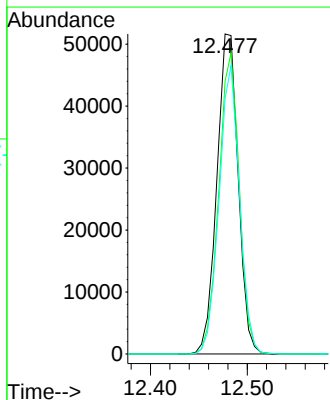
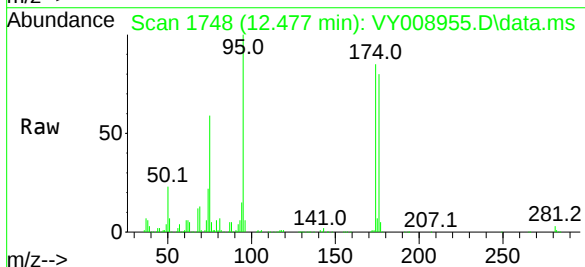
Instrument :
MSVOA_Y
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P015-SS002-1824-01

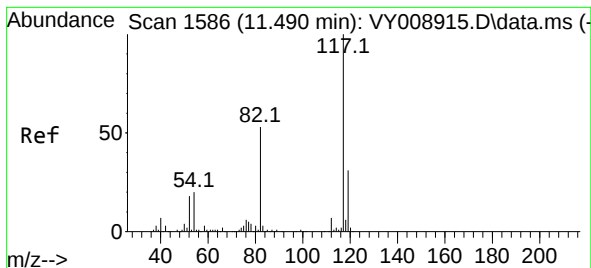
Tgt Ion: 98 Resp: 269555
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.677 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008955.D
Acq: 21 May 2022 17:23

Tgt Ion: 95 Resp: 78924
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 86.6 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: VY008955.D

Acq: 21 May 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

P015-SS002-1824-01

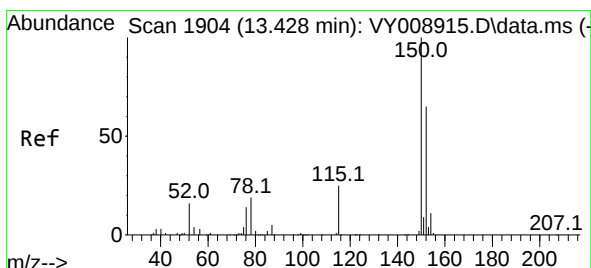
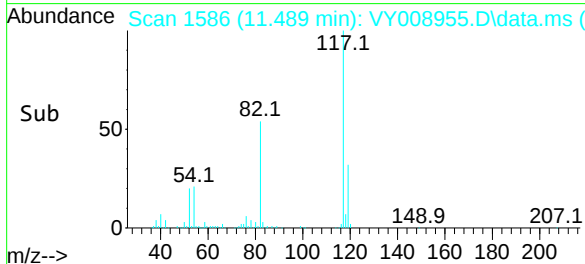
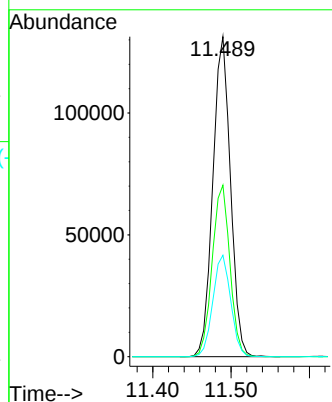
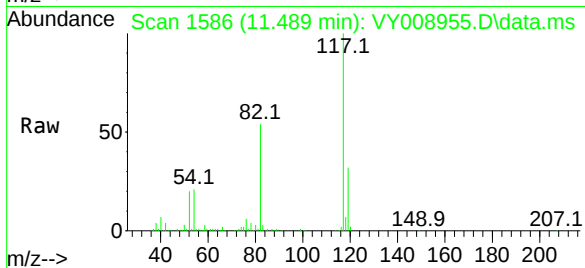
Tgt Ion:117 Resp: 205236

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 31.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY008955.D

Acq: 21 May 2022 17:23

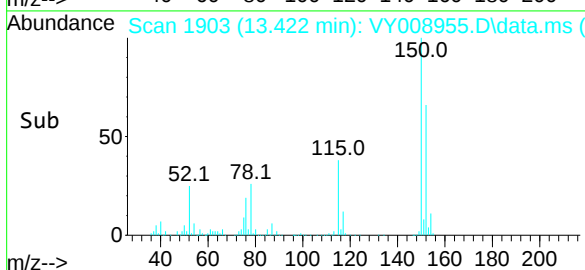
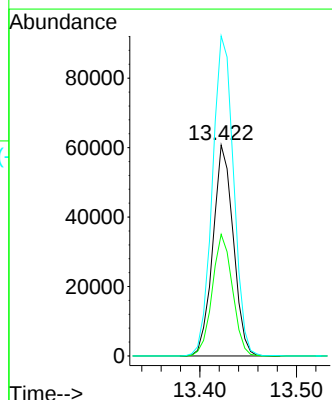
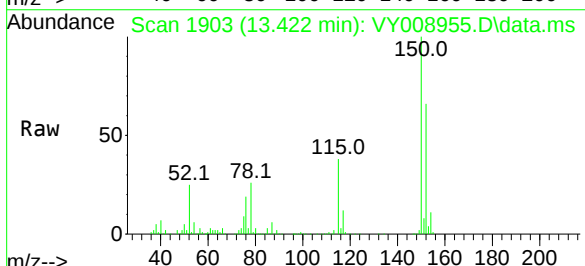
Tgt Ion:152 Resp: 88874

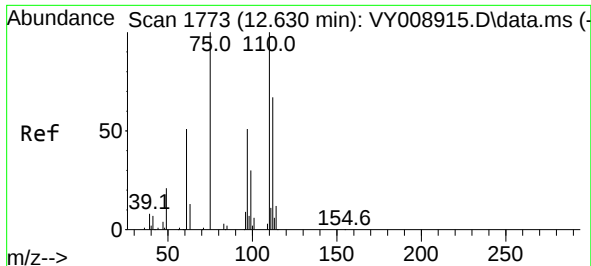
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 157.9 0.0 347.6

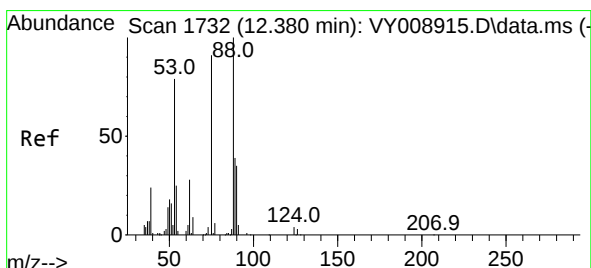
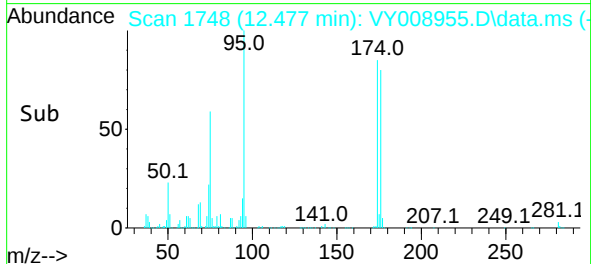
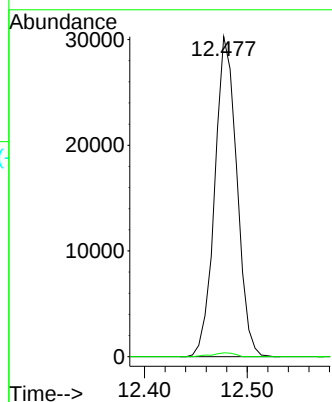
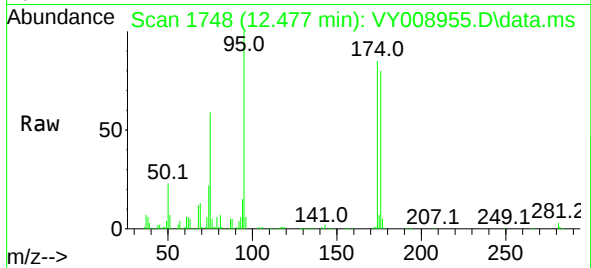




#76
1,2,3-Trichloropropane
Concen: 47.289 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008955.D
Acq: 21 May 2022 17:23

Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1824-01

Tgt Ion: 75 Resp: 45133
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.062 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008955.D
Acq: 21 May 2022 17:23

Tgt Ion: 75 Resp: 45133
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

