

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009351.D
 Acq On : 27 Jun 2022 18:24
 Operator : KP/MD
 Sample : N3434-06
 Misc : 6.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2205-35

Quant Time: Jun 28 04:31:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

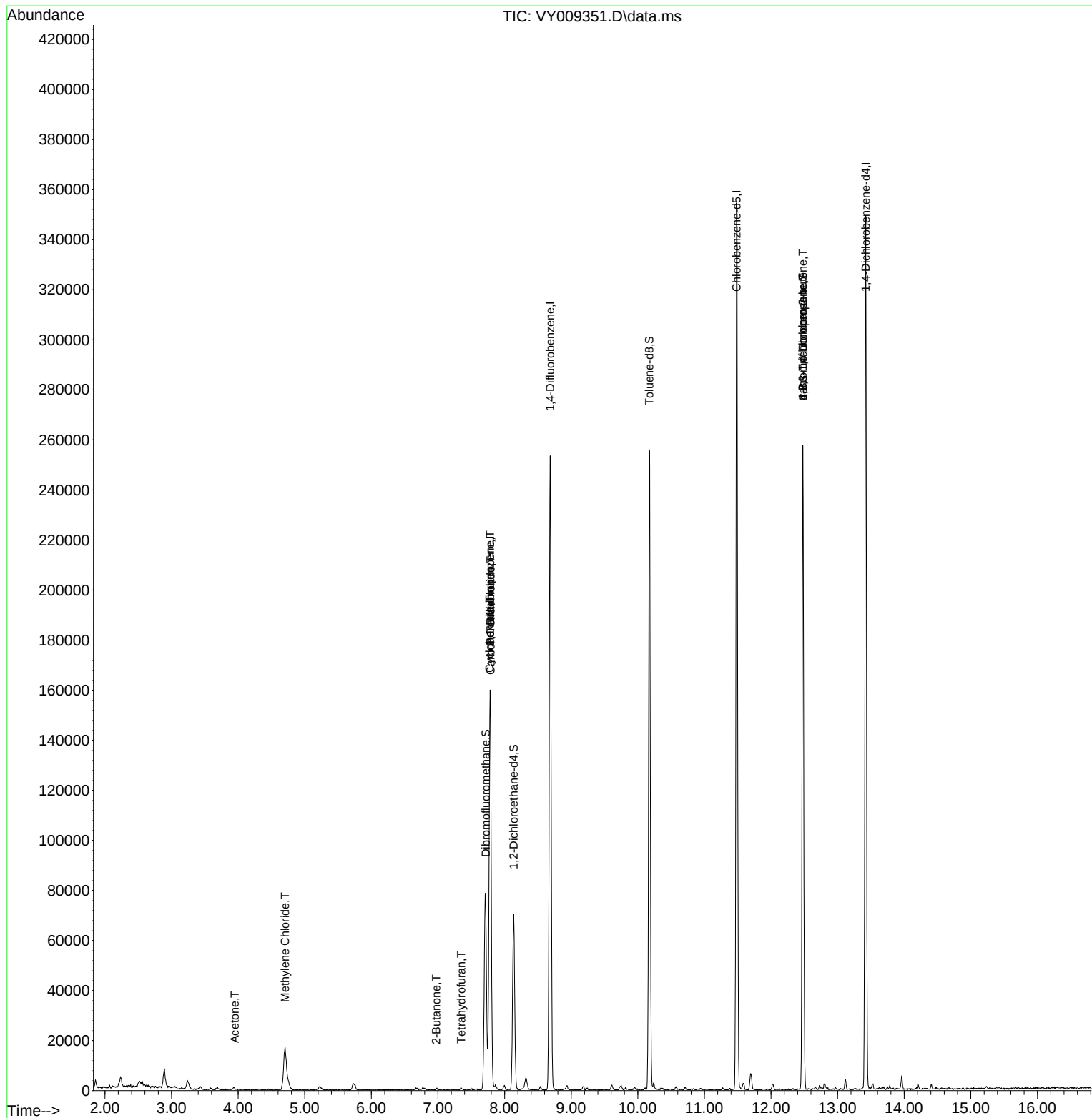
Internal Standards						
1) Pentafluorobenzene	7.783	168	125151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	210812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	191141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52936	56.784	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.560%			
35) Dibromofluoromethane	7.716	113	54657	48.034	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.060%			
50) Toluene-d8	10.173	98	163384	49.009	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.020%			
62) 4-Bromofluorobenzene	12.477	95	71262	43.973	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.940%			
Target Compounds						
11) Tert butyl alcohol	4.954	59	87	Below Cal	#	78
16) Acetone	3.948	43	1416	4.426	ug/l	95
20) Methylene Chloride	4.704	84	11548	5.337	ug/l	95
25) 2-Butanone	6.972	43	493	1.025	ug/l	# 48
29) Tetrahydrofuran	7.350	42	408	1.321	ug/l	# 93
31) Cyclohexane	7.777	56	3280	1.449	ug/l	# 15
36) 1,1-Dichloropropene	7.783	75	9554	5.003	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	11483	5.848	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	38681	45.365	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	38681	89.803	ug/l	# 13

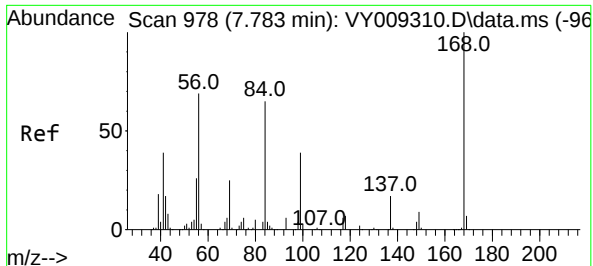
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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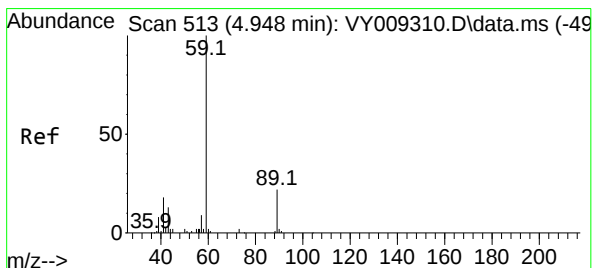
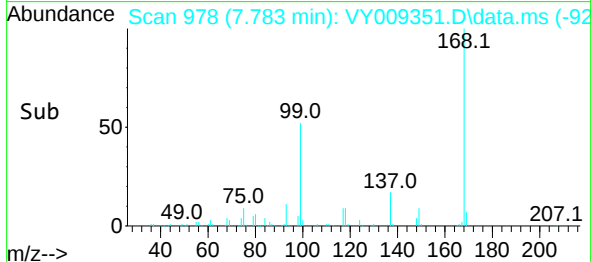
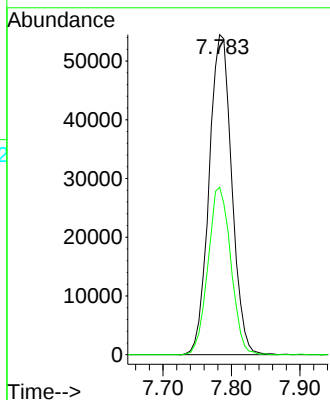
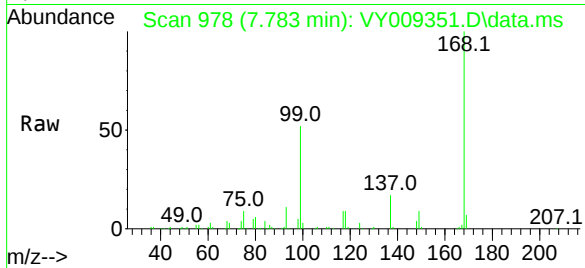




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

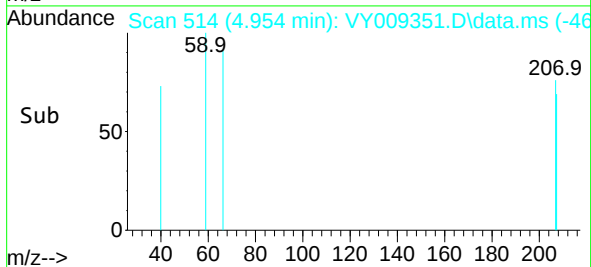
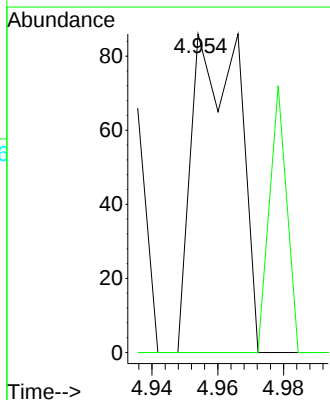
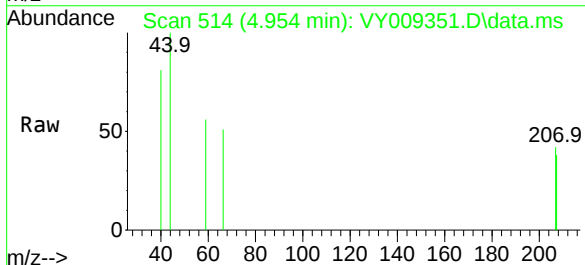
Instrument :
MSVOA_Y
ClientSampleId :
B2205-35

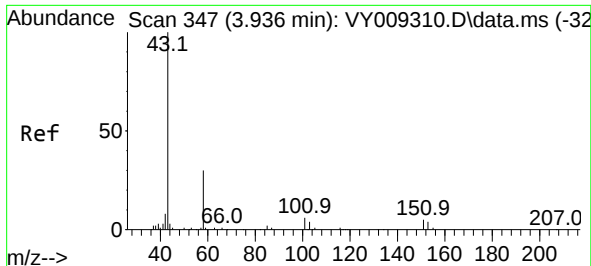
Tgt Ion:168 Resp: 125151
Ion Ratio Lower Upper
168 100
99 52.3 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

Tgt Ion: 59 Resp: 87
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#





#16

Acetone

Concen: 4.426 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.012 min

Lab File: VY009351.D

Acq: 27 Jun 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

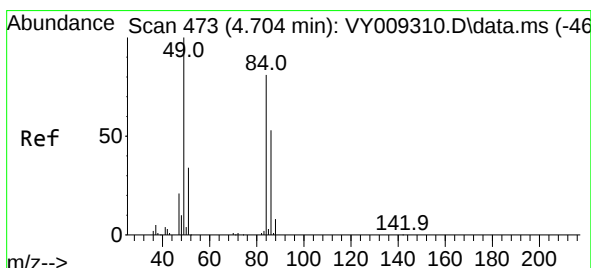
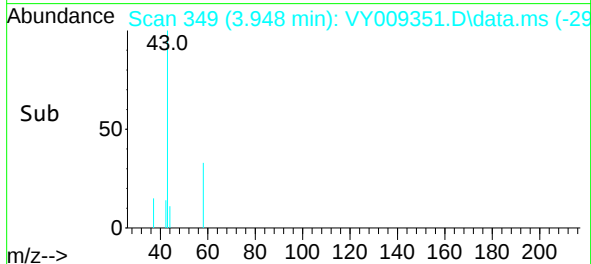
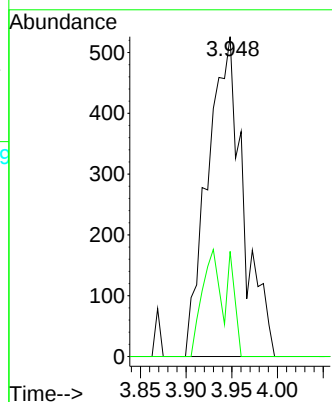
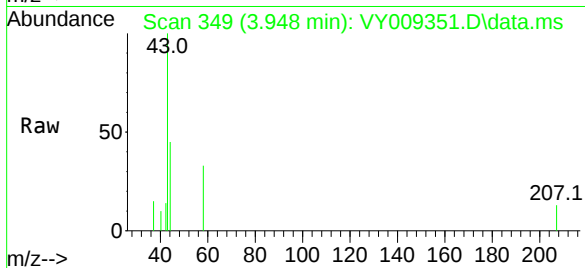
B2205-35

Tgt Ion: 43 Resp: 1416

Ion Ratio Lower Upper

43 100

58 32.9 24.0 36.0



#20

Methylene Chloride

Concen: 5.337 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY009351.D

Acq: 27 Jun 2022 18:24

Tgt Ion: 84 Resp: 11548

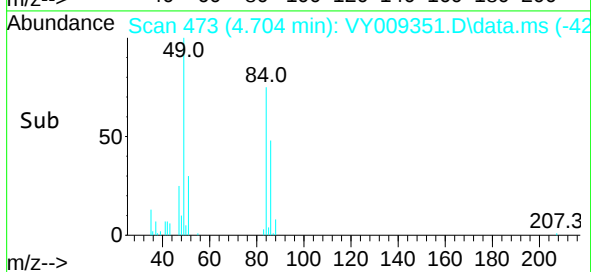
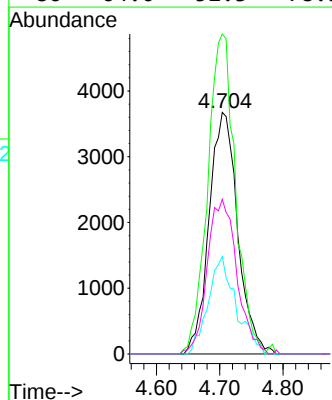
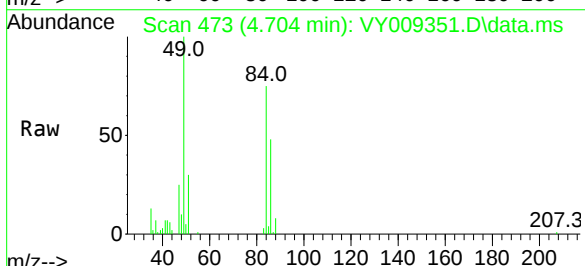
Ion Ratio Lower Upper

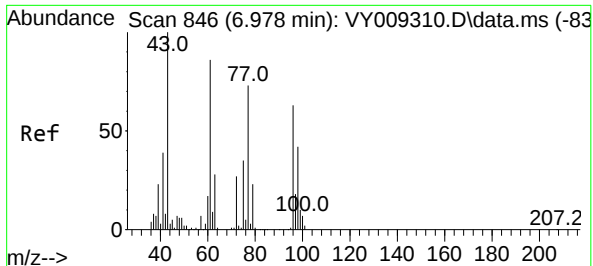
84 100

49 132.5 98.2 147.4

51 40.4 33.4 50.0

86 64.0 52.3 78.5

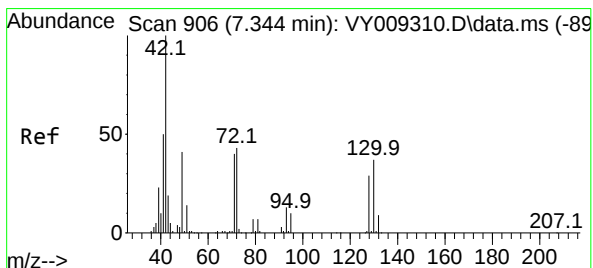
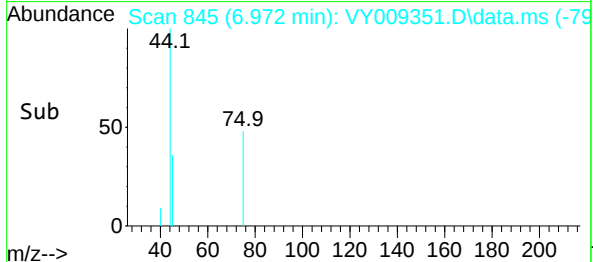
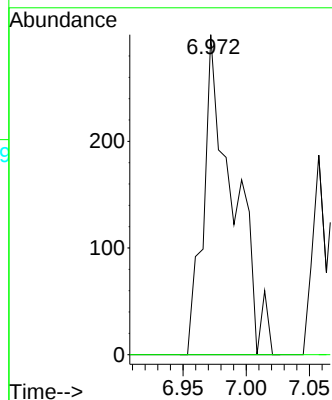
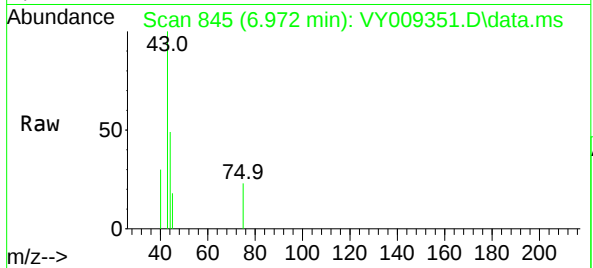




#25
2-Butanone
Concen: 1.025 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

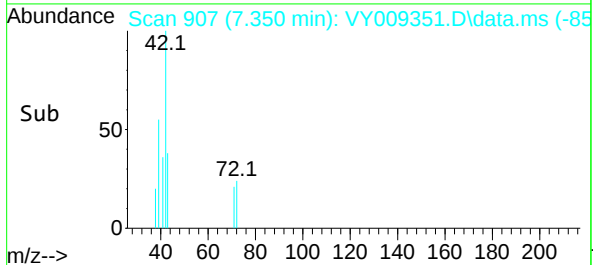
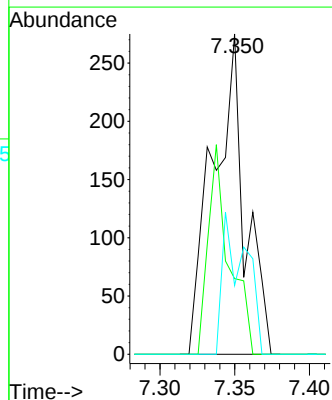
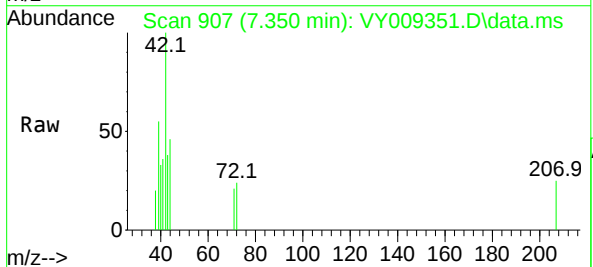
Instrument :
MSVOA_Y
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B2205-35

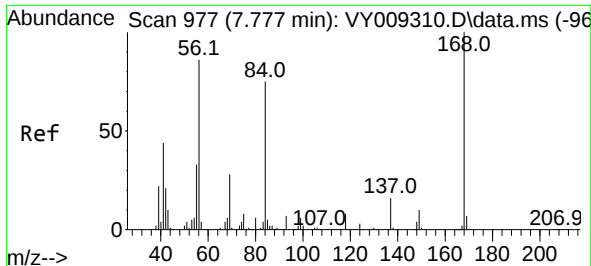
Tgt Ion: 43 Resp: 493
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



#29
Tetrahydrofuran
Concen: 1.321 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

Tgt Ion: 42 Resp: 408
Ion Ratio Lower Upper
42 100
72 43.1 34.6 52.0
71 31.9 32.7 49.1#

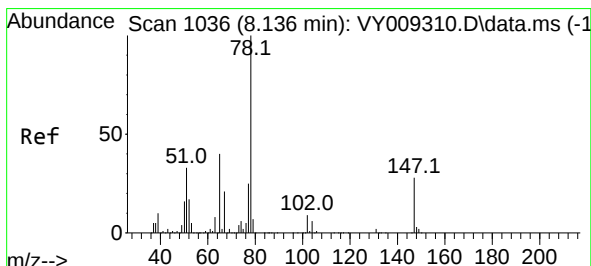
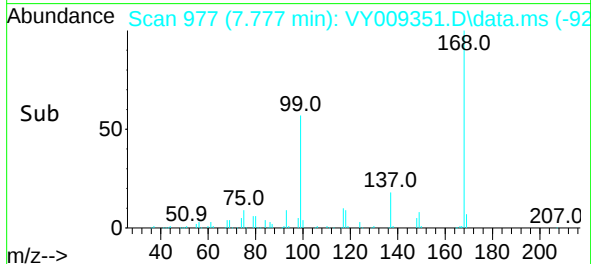
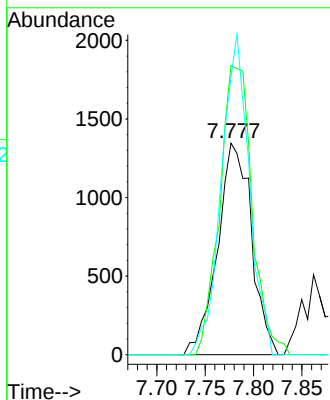
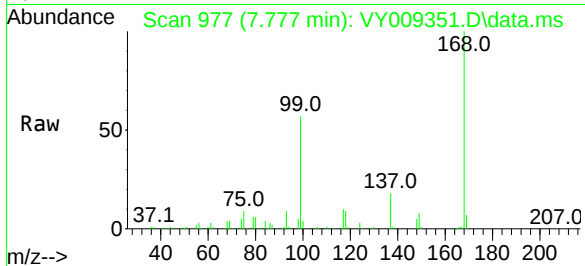




#31
Cyclohexane
Concen: 1.449 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

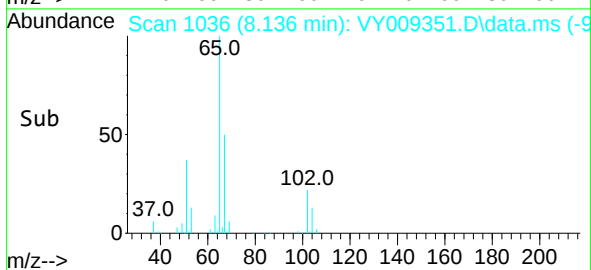
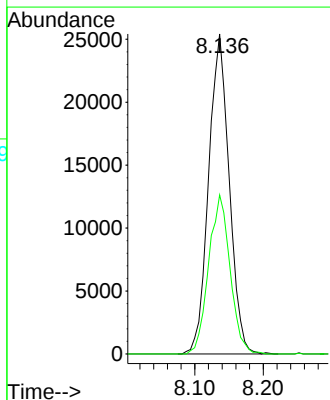
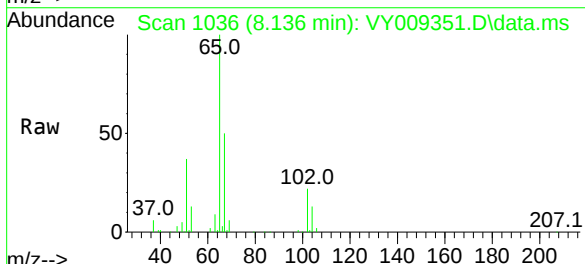
Instrument :
MSVOA_Y
ClientSampleId :
B2205-35

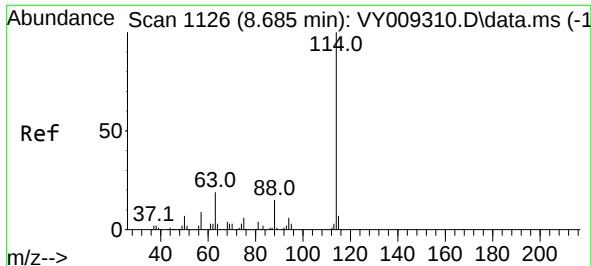
Tgt Ion: 56 Resp: 3280
Ion Ratio Lower Upper
56 100
69 136.7 26.0 39.0#
84 131.2 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 56.784 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

Tgt Ion: 65 Resp: 52936
Ion Ratio Lower Upper
65 100
67 51.7 0.0 108.4

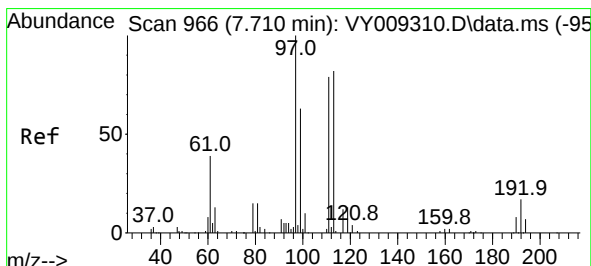
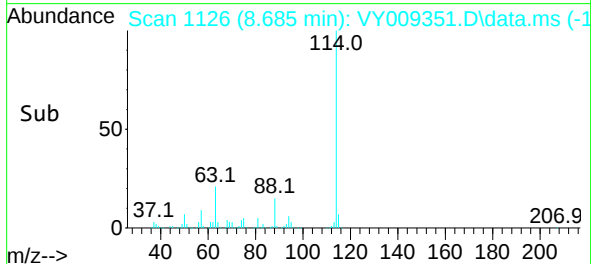
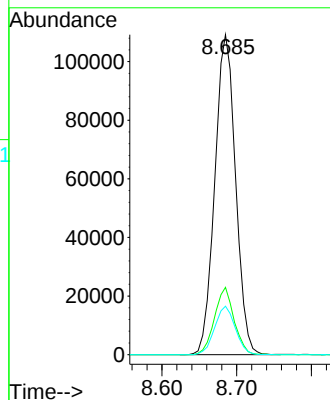
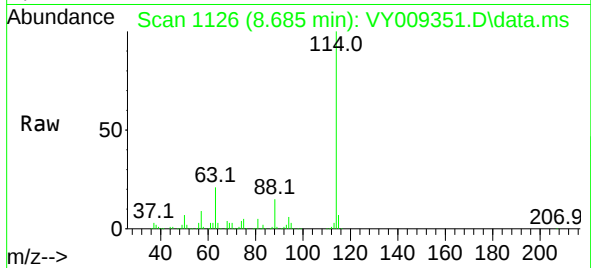




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

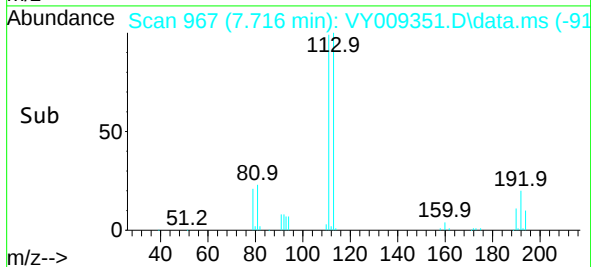
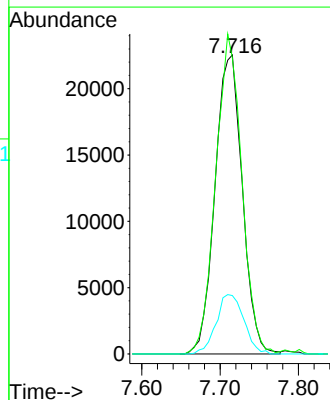
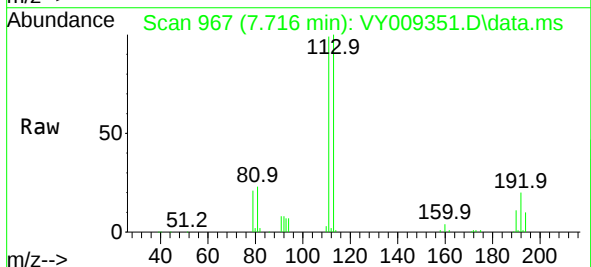
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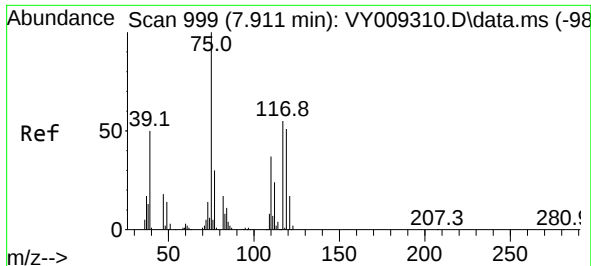
Tgt Ion:114 Resp: 210812
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.0
88 15.2 0.0 30.0



#35
Dibromofluoromethane
Concen: 48.034 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

Tgt Ion:113 Resp: 54657
Ion Ratio Lower Upper
113 100
111 102.3 80.6 120.8
192 20.1 16.2 24.4

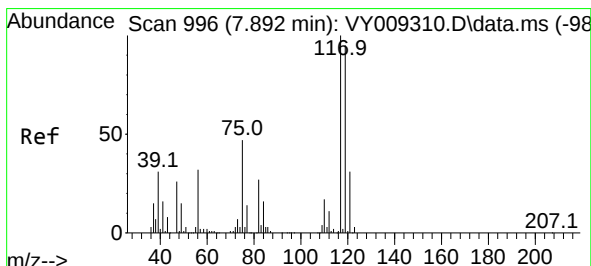
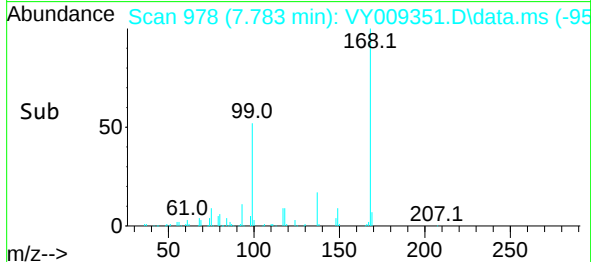
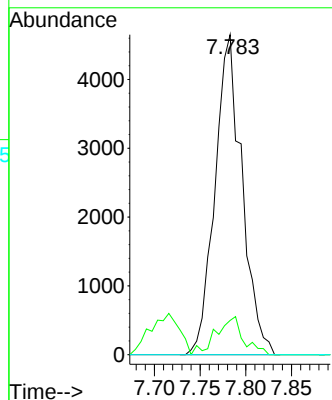
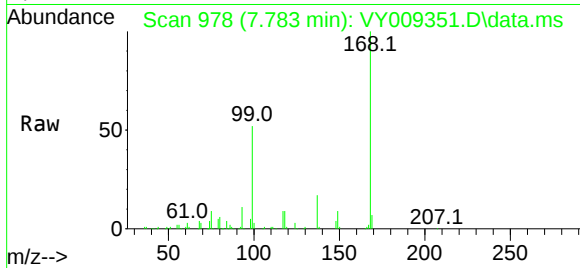




#36
 1,1-Dichloropropene
 Concen: 5.003 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY009351.D
 Acq: 27 Jun 2022 18:24

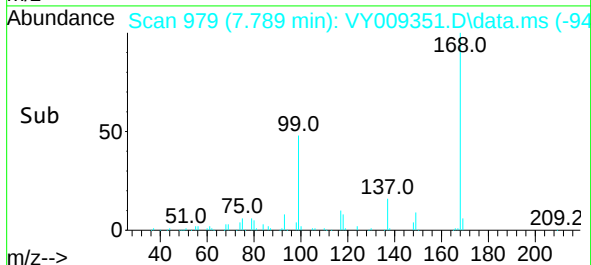
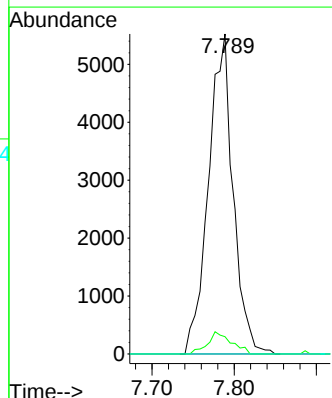
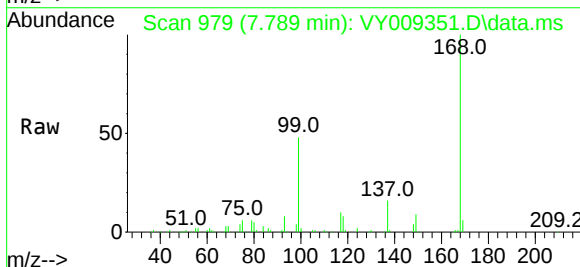
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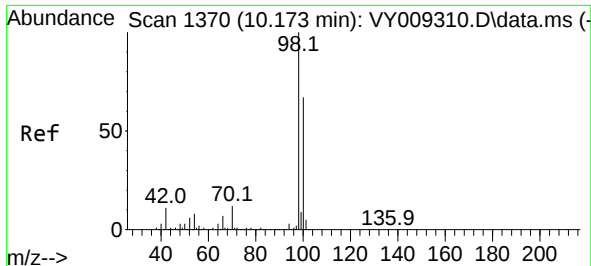
Tgt Ion: 75 Resp: 9554
 Ion Ratio Lower Upper
 75 100
 110 11.2 18.6 56.0#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.848 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.104 min
 Lab File: VY009351.D
 Acq: 27 Jun 2022 18:24

Tgt Ion: 117 Resp: 11483
 Ion Ratio Lower Upper
 117 100
 119 5.4 75.9 113.9#
 121 0.0 24.9 37.3#

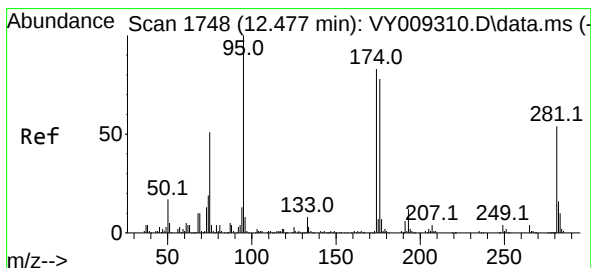
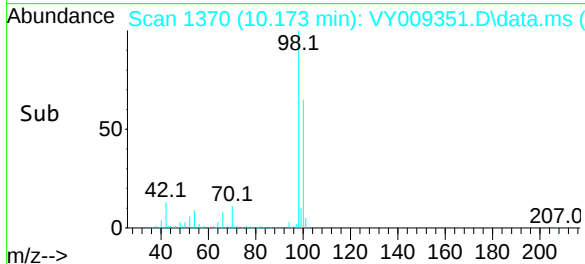
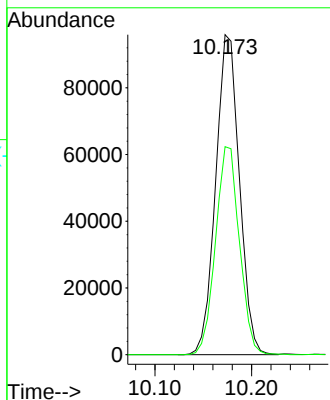
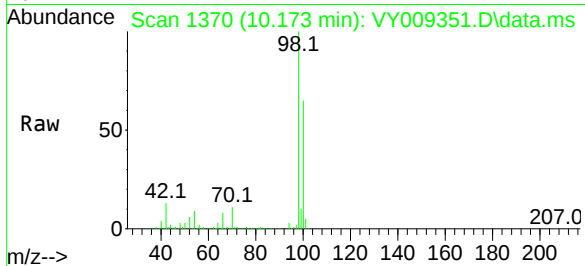




#50
Toluene-d8
Concen: 49.009 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

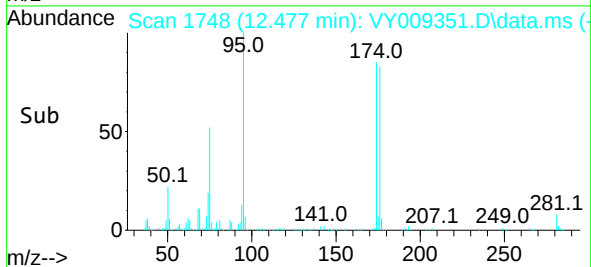
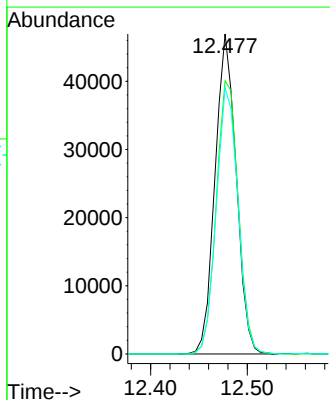
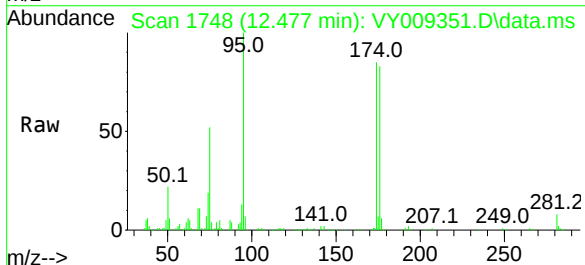
Instrument :
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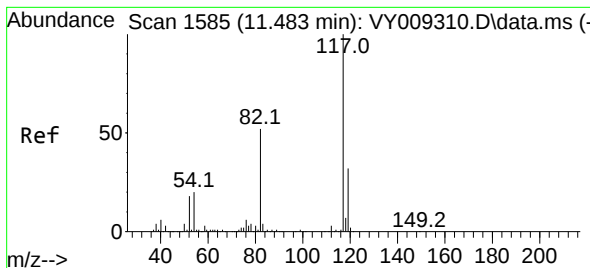
Tgt Ion: 98 Resp: 163384
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.973 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

Tgt Ion: 95 Resp: 71262
Ion Ratio Lower Upper
95 100
174 89.0 0.0 173.8
176 85.2 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009351.D

Acq: 27 Jun 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

B2205-35

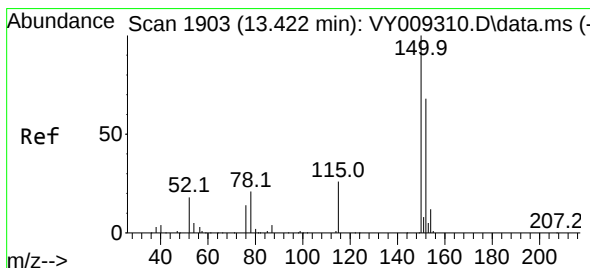
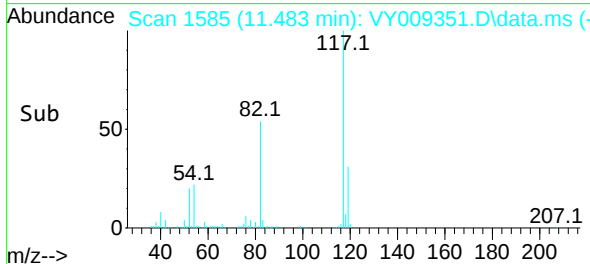
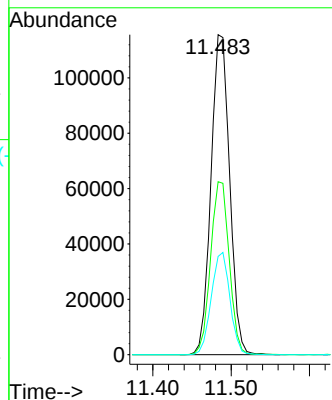
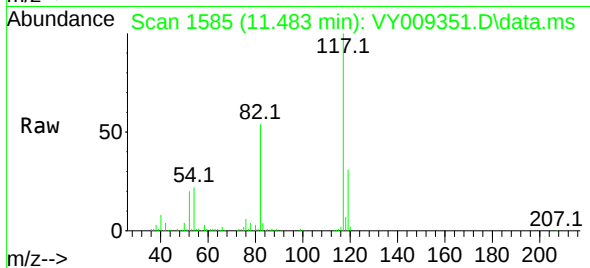
Tgt Ion:117 Resp: 191141

Ion Ratio Lower Upper

117 100

82 54.1 41.8 62.6

119 30.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009351.D

Acq: 27 Jun 2022 18:24

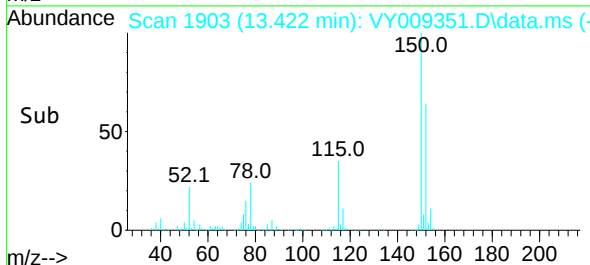
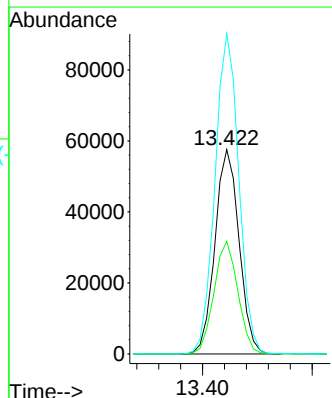
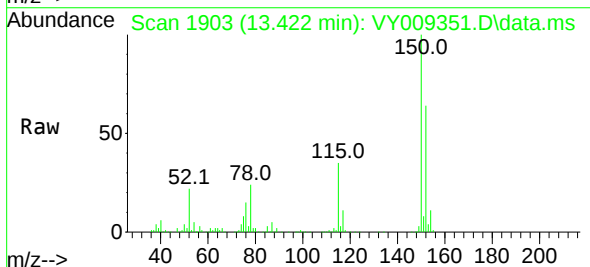
Tgt Ion:152 Resp: 87865

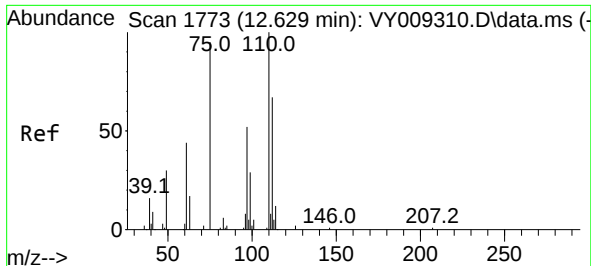
Ion Ratio Lower Upper

152 100

115 54.8 28.6 85.9

150 155.2 0.0 349.8

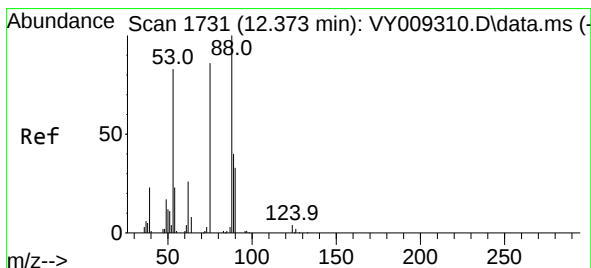
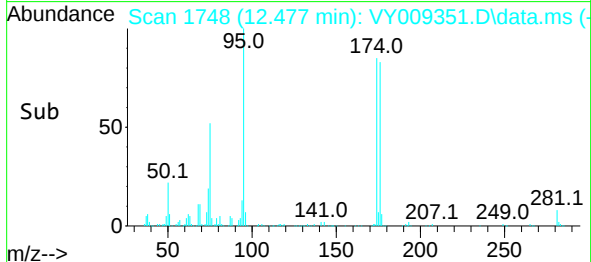
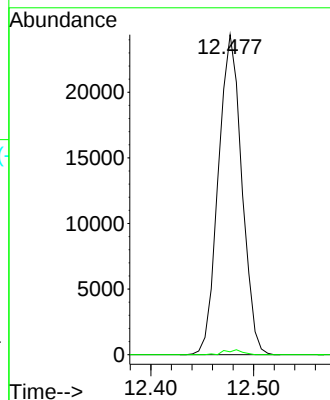
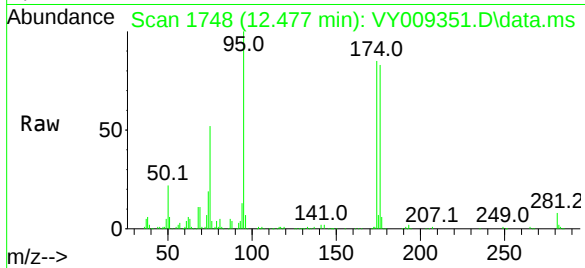




#76
1,2,3-Trichloropropane
Concen: 45.365 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

Instrument :
MSVOA_Y
ClientSampleId :
B2205-35

Tgt Ion: 75 Resp: 38681
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.803 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

Tgt Ion: 75 Resp: 38681
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 38.1 57.1#

