

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008983.D
 Acq On : 22 May 2022 05:48
 Operator : KP/MD
 Sample : N2887-16
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P039-SS001-2430-01

Quant Time: May 23 02:27:06 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)

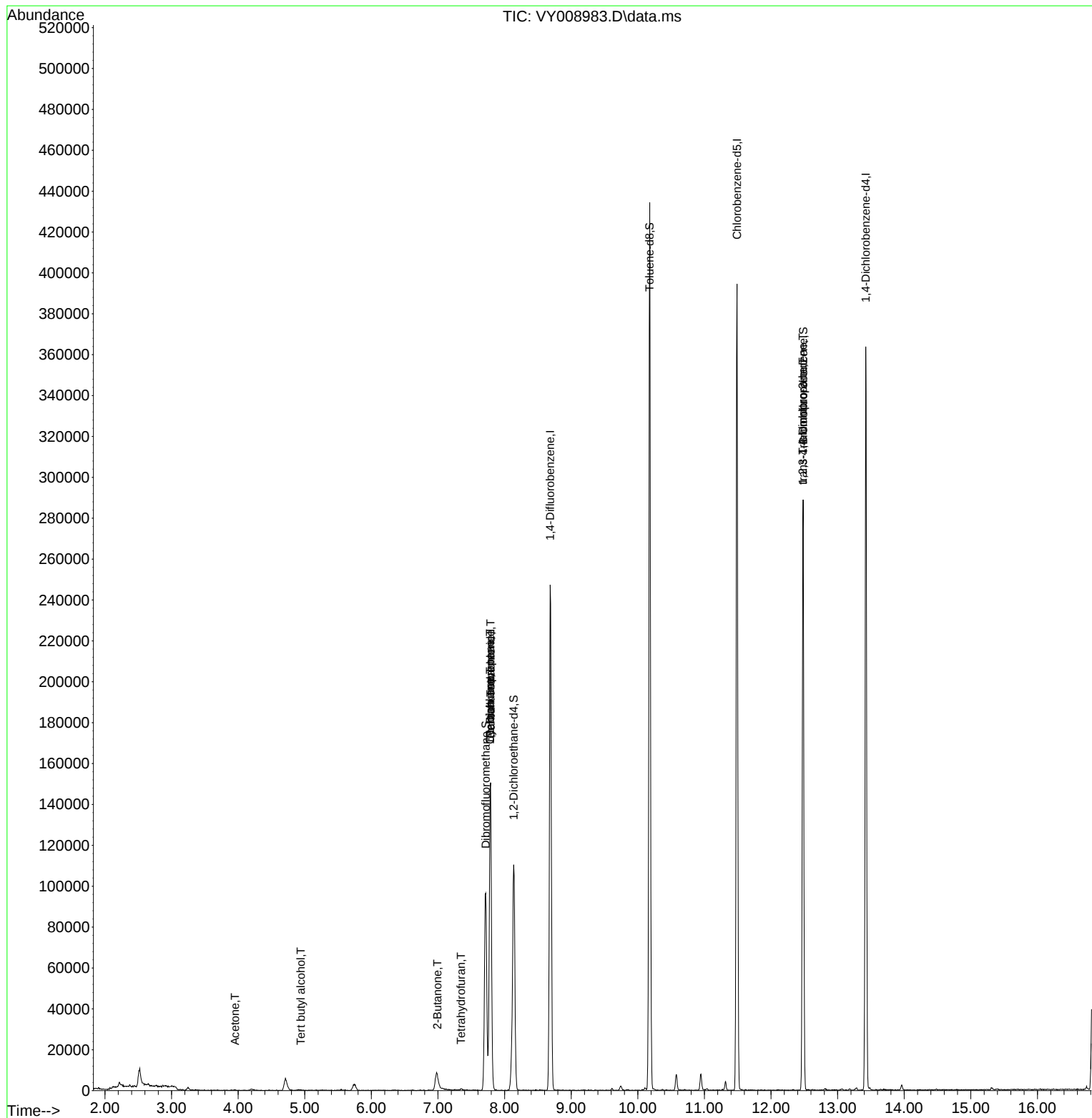
Internal Standards						
1) Pentafluorobenzene	7.789	168	115607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	209070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77961	65.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.040%	
35) Dibromofluoromethane	7.716	113	66987	51.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.060%	
50) Toluene-d8	10.179	98	263396	54.918	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.840%	
62) 4-Bromofluorobenzene	12.483	95	76201	39.386	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	149	1.235	ug/l #	77
16) Acetone	3.954	43	431	1.740	ug/l #	80
20) Methylene Chloride	4.710	84	4235	Below Cal	#	75
25) 2-Butanone	6.990	43	583	1.318	ug/l #	54
29) Tetrahydrofuran	7.344	42	391	1.301	ug/l #	75
31) Cyclohexane	7.783	56	2821	1.212	ug/l #	19
36) 1,1-Dichloropropene	7.783	75	9940	4.493	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11433	4.940	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	43635	46.569	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43635	95.582	ug/l #	7

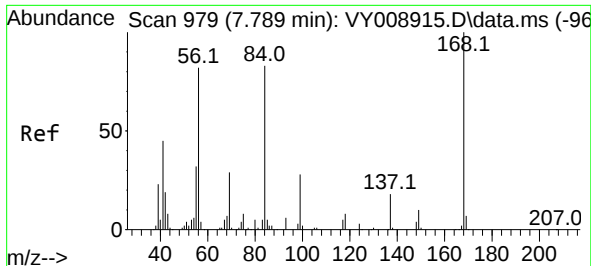
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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P039-SS001-2430-01

Quant Time: May 23 02:27:06 2022
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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
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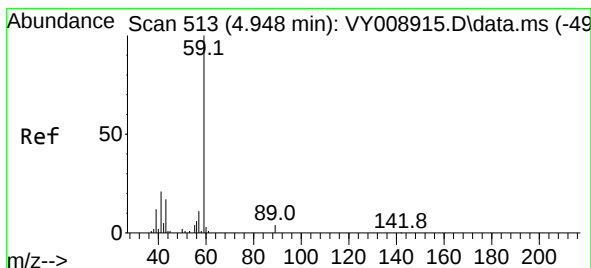
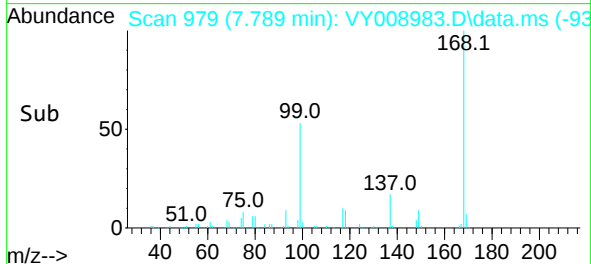
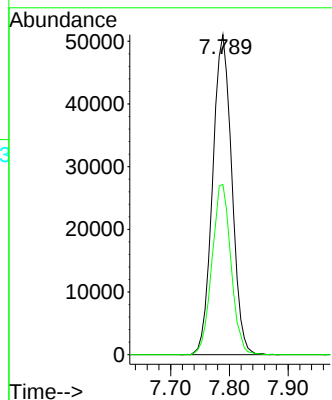
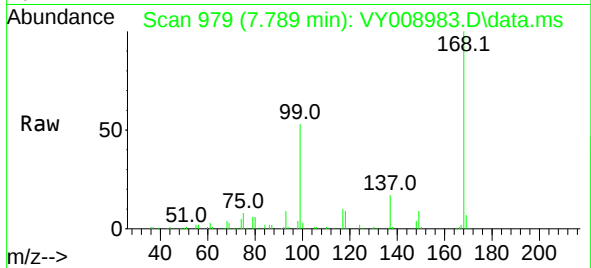




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

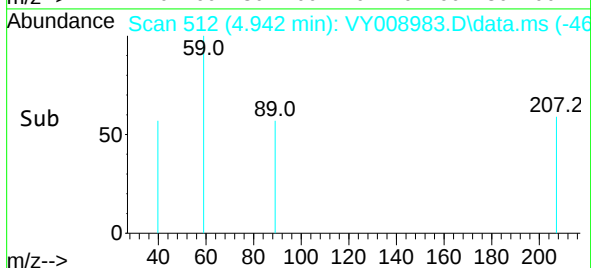
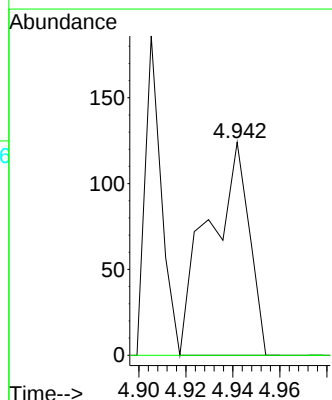
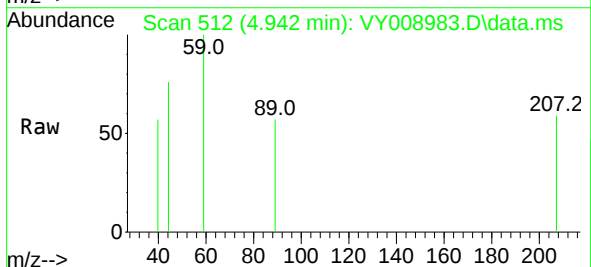
Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-2430-01

Tgt Ion:168 Resp: 115607
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.235 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

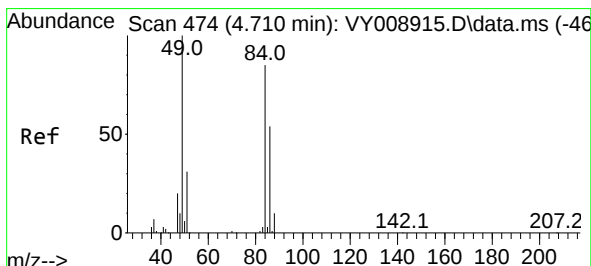
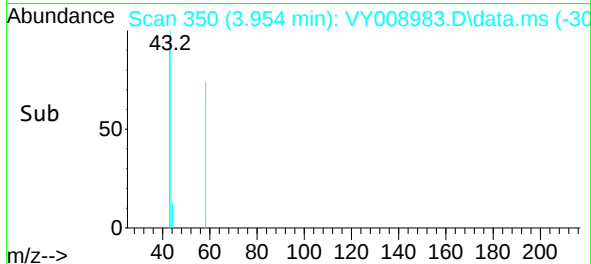
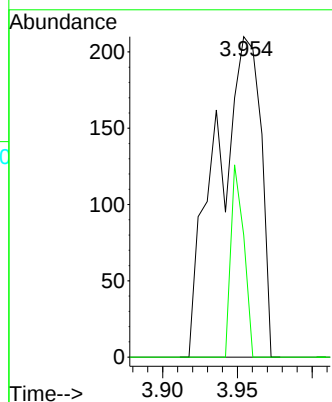
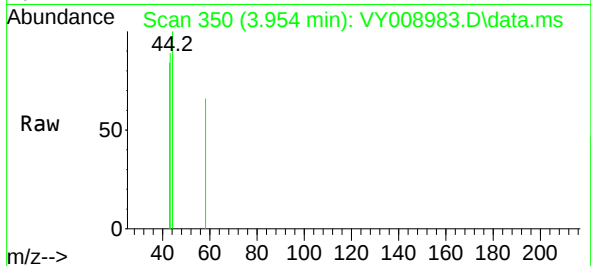




#16
Acetone
Concen: 1.740 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

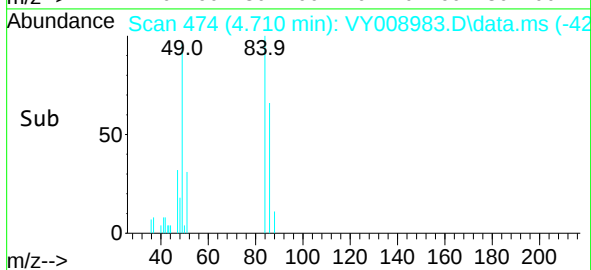
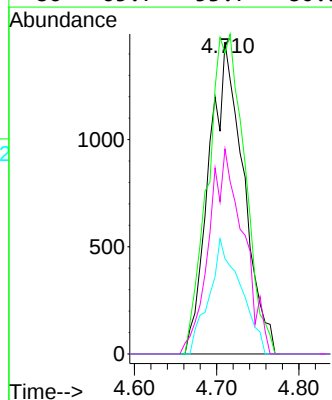
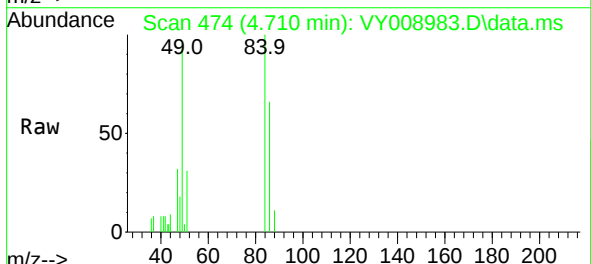
Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-2430-01

Tgt Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
58 38.1 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

Tgt Ion: 84 Resp: 4235
Ion Ratio Lower Upper
84 100
49 96.5 114.4 171.6#
51 30.5 35.3 52.9#
86 65.7 53.7 80.5

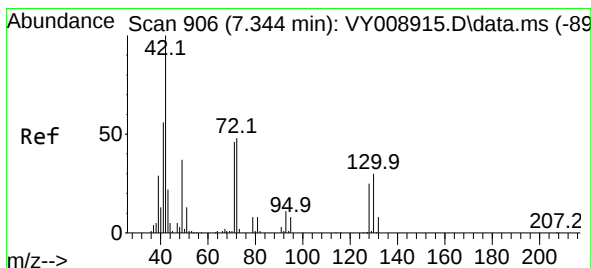
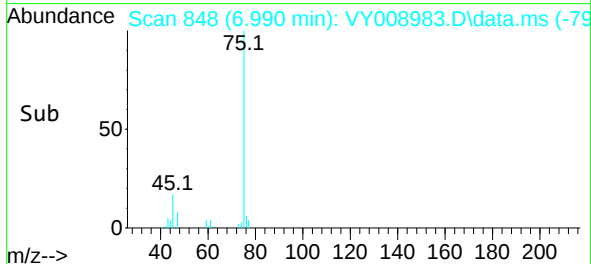
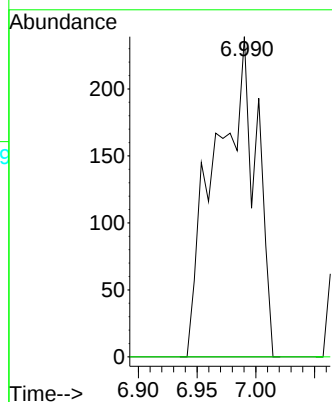
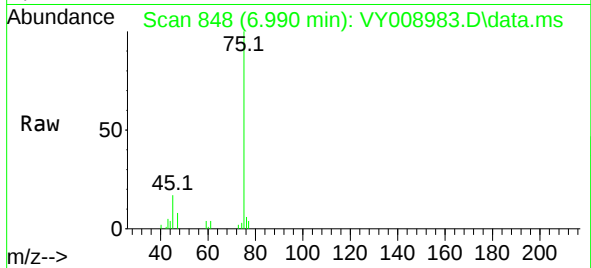




#25
2-Butanone
Concen: 1.318 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

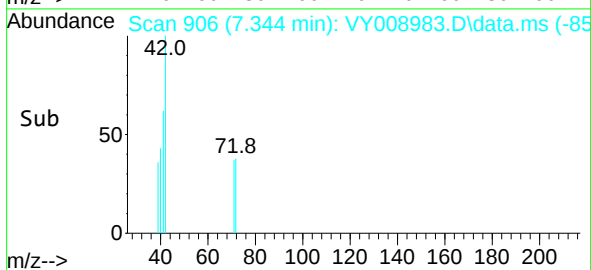
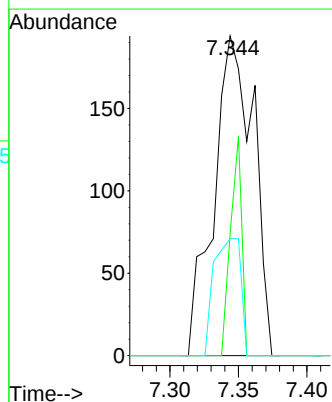
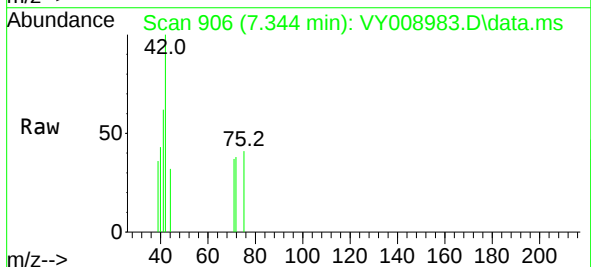
Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-2430-01

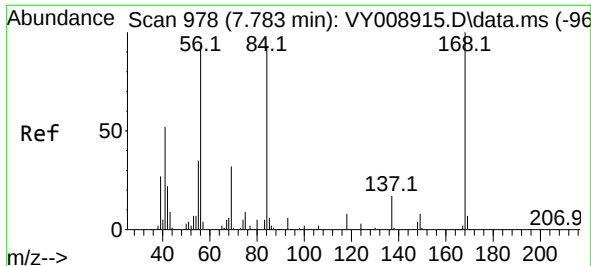
Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#29
Tetrahydrofuran
Concen: 1.301 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

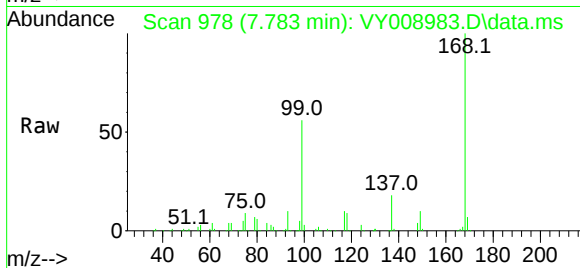
Tgt Ion: 42 Resp: 391
Ion Ratio Lower Upper
42 100
72 19.4 30.3 45.5#
71 24.6 29.0 43.4#



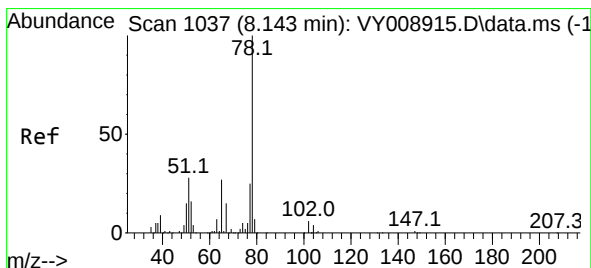
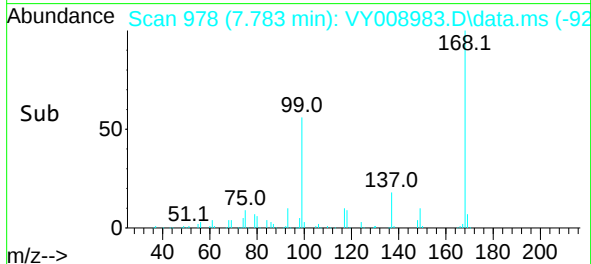
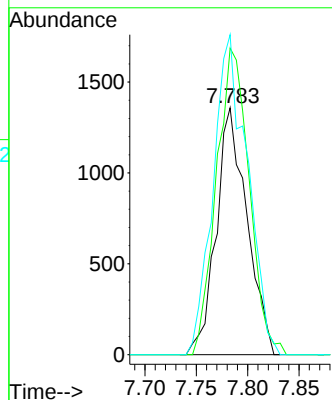


#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-2430-01

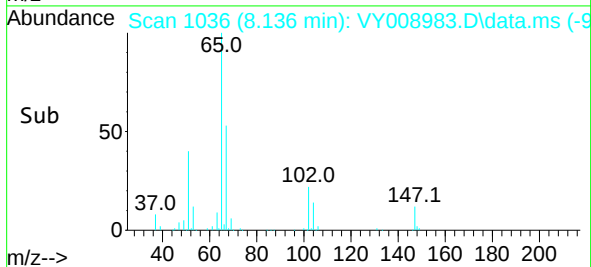
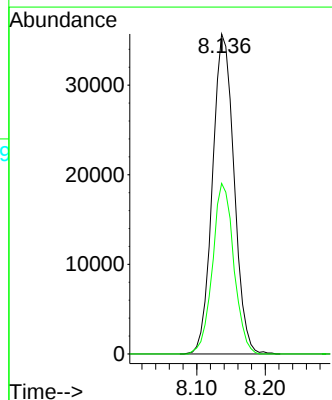
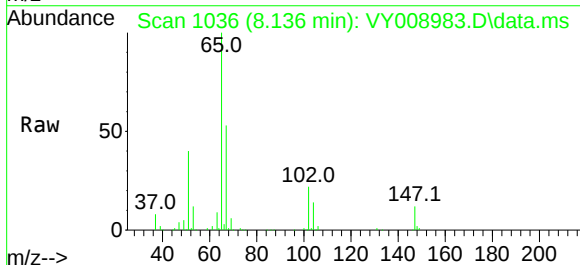


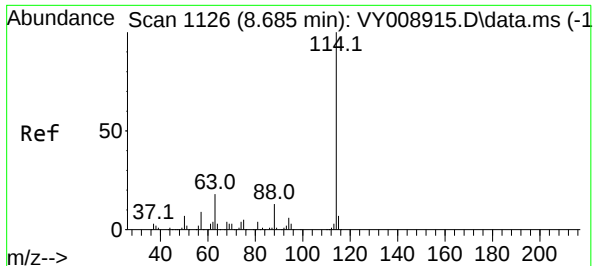
Tgt Ion: 56 Resp: 2821
Ion Ratio Lower Upper
56 100
69 124.1 26.7 40.1#
84 129.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.524 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

Tgt Ion: 65 Resp: 77961
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# 11

Delta R.T. 0.000 min

Lab File: VY008983.D

Acq: 22 May 2022 05:48

Instrument :

MSVOA_Y

ClientSampleId :

P039-SS001-2430-01

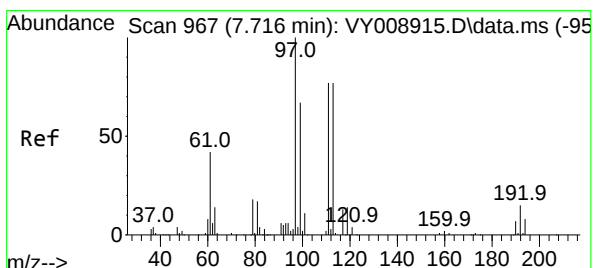
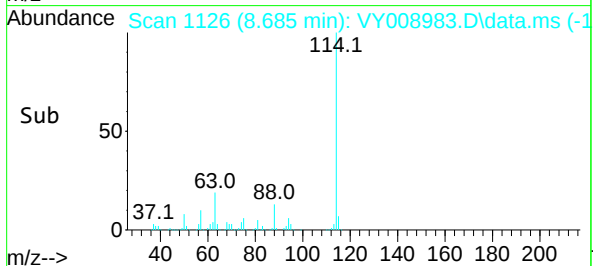
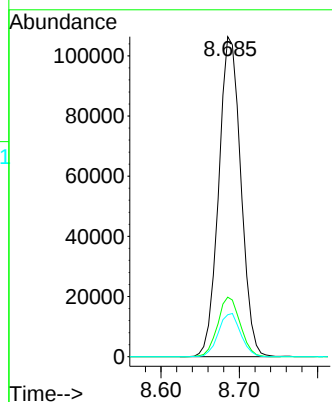
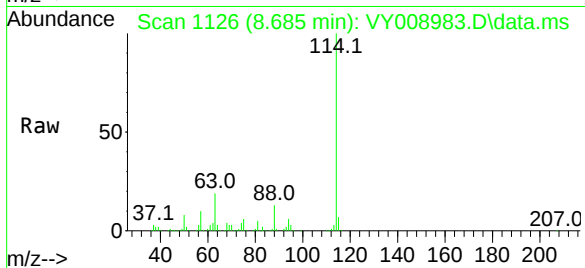
Tgt Ion:114 Resp: 209070

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 13.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.525 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008983.D

Acq: 22 May 2022 05:48

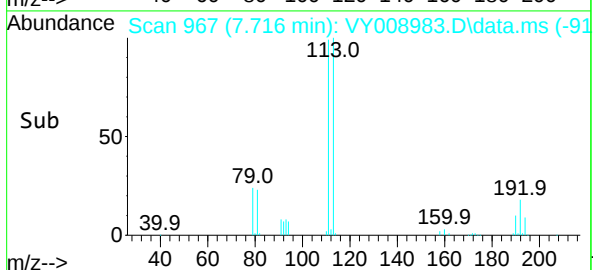
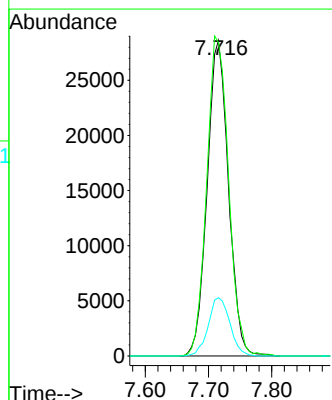
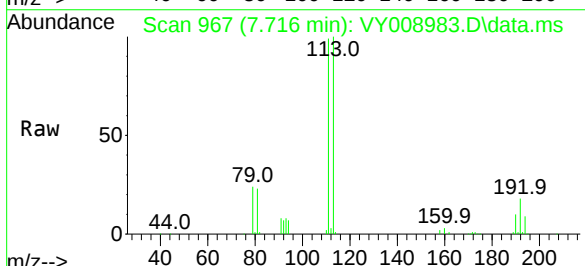
Tgt Ion:113 Resp: 66987

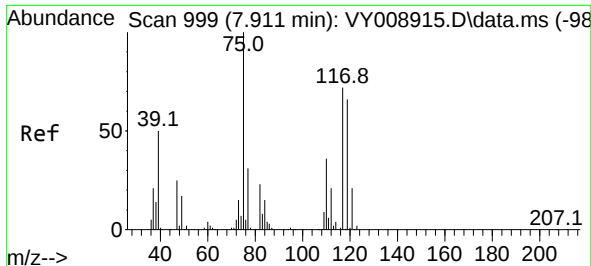
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 18.8 17.6 26.4

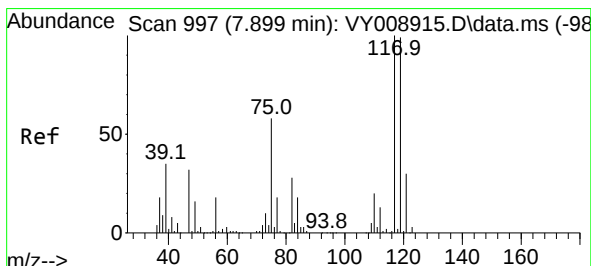
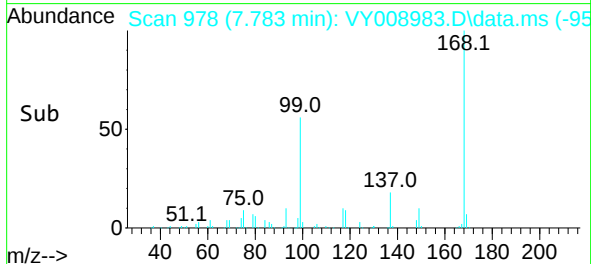
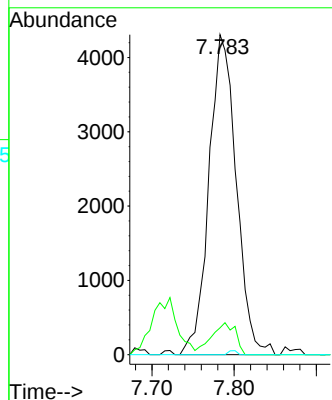
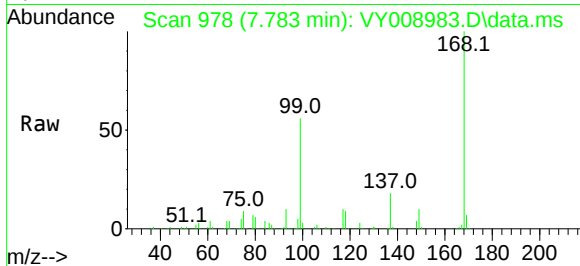




#36
1,1-Dichloropropene
Concen: 4.493 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

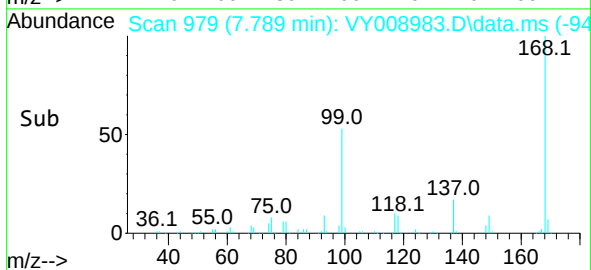
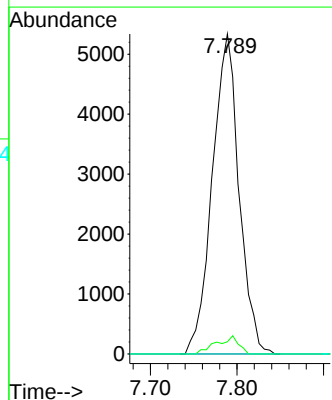
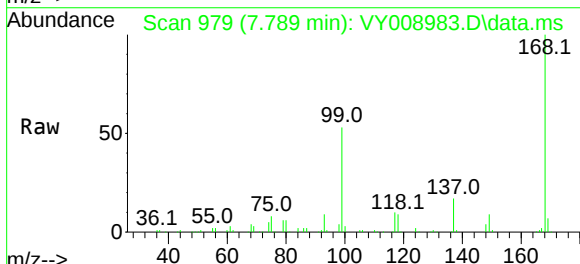
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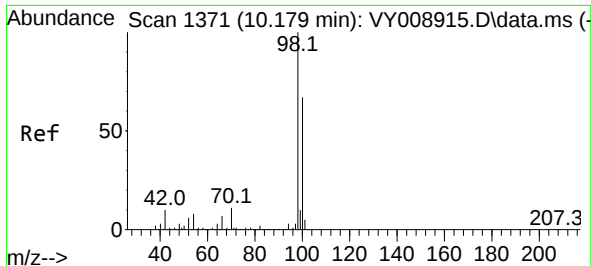
Tgt Ion: 75 Resp: 9940
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.4 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.940 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

Tgt Ion: 117 Resp: 11433
Ion Ratio Lower Upper
117 100
119 3.8 77.9 116.9#
121 0.0 24.8 37.2#

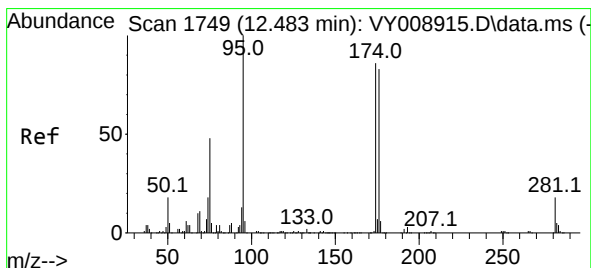
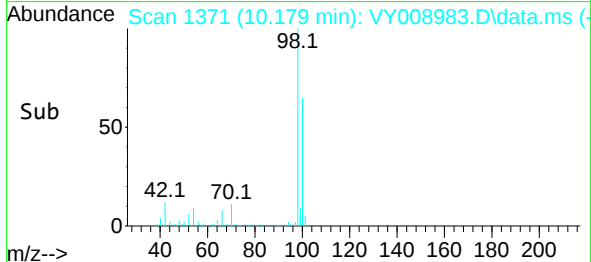
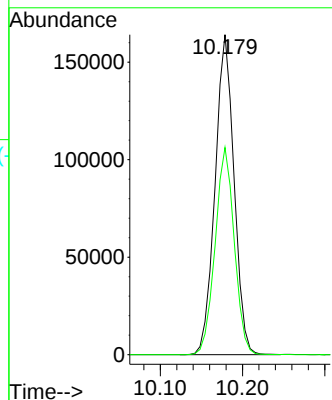
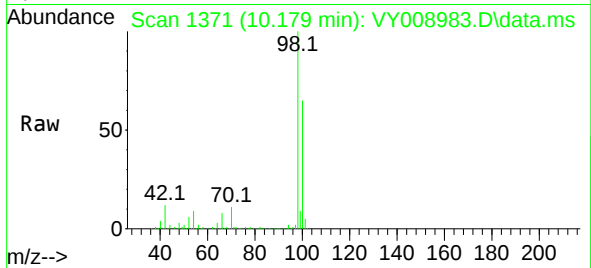




#50
Toluene-d8
Concen: 54.918 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

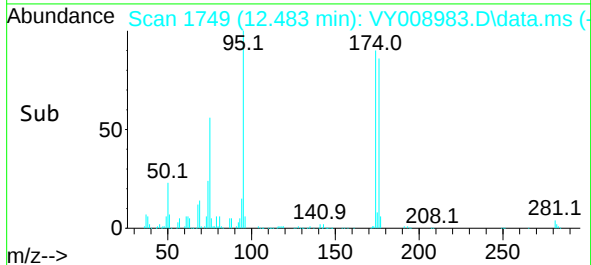
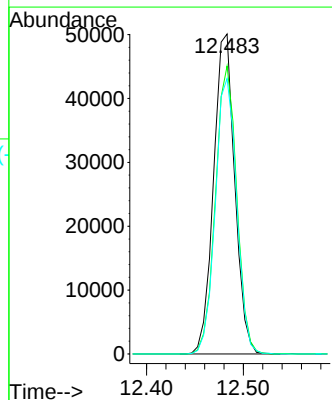
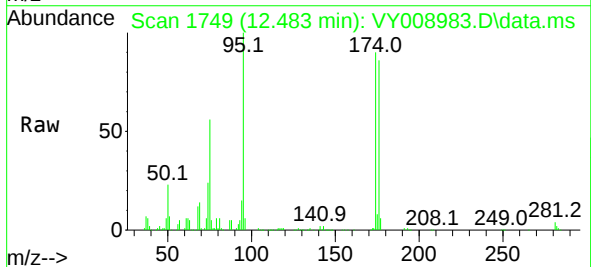
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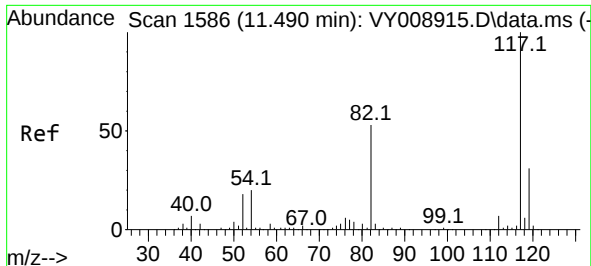
Tgt Ion: 98 Resp: 263396
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.386 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

Tgt Ion: 95 Resp: 76201
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.0
176 86.8 0.0 175.8

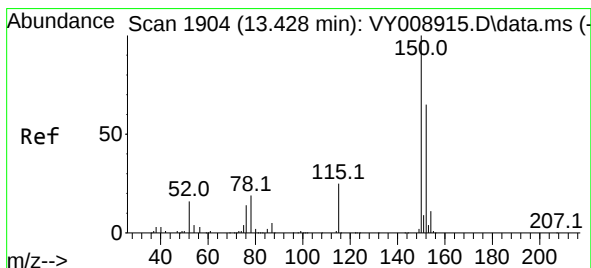
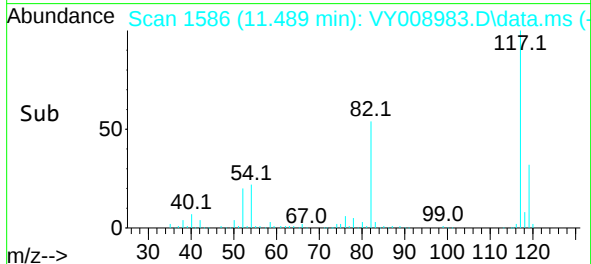
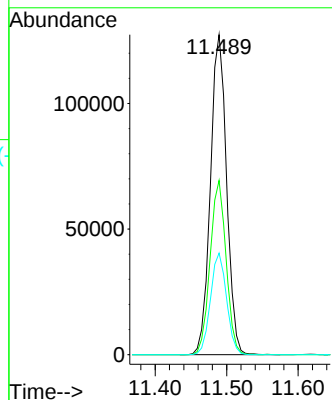
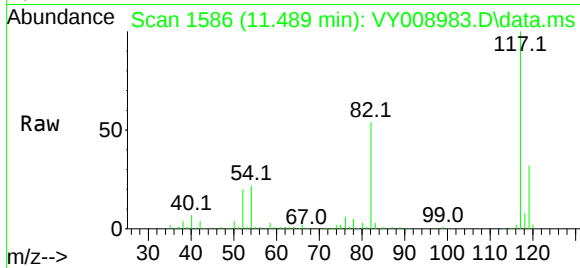




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

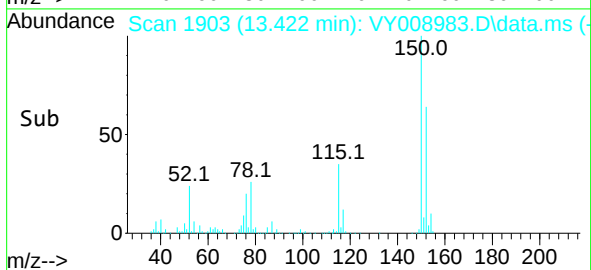
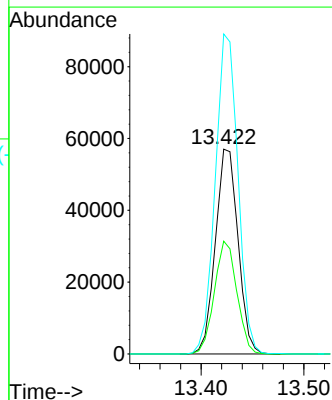
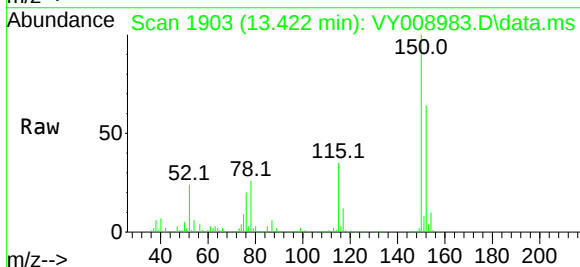
Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-2430-01

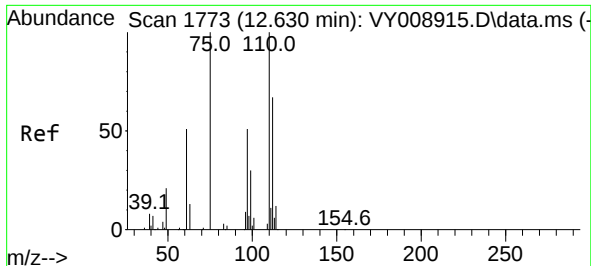
Tgt Ion:117 Resp: 199861
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

Tgt Ion:152 Resp: 87254
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 156.7 0.0 347.6

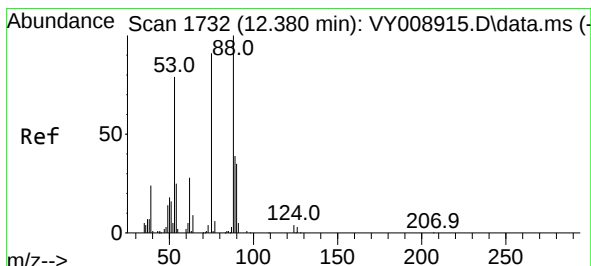
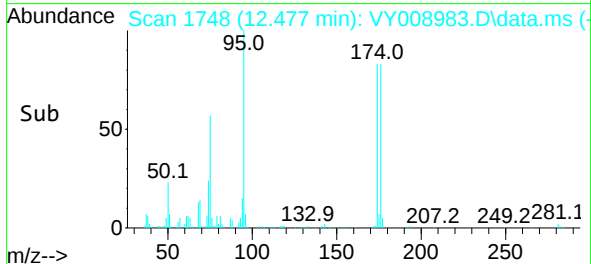
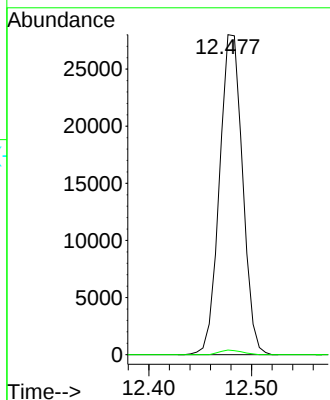
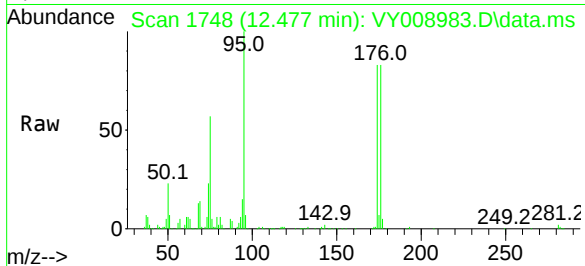




#76
1,2,3-Trichloropropane
Concen: 46.569 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-2430-01

Tgt Ion: 75 Resp: 43635
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.582 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008983.D
Acq: 22 May 2022 05:48

Tgt Ion: 75 Resp: 43635
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

