

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011286.D
 Acq On : 03 Nov 2022 14:54
 Operator : KP/MD
 Sample : N5371-04RE
 Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-7-WCRE

Quant Time: Nov 04 02:21:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

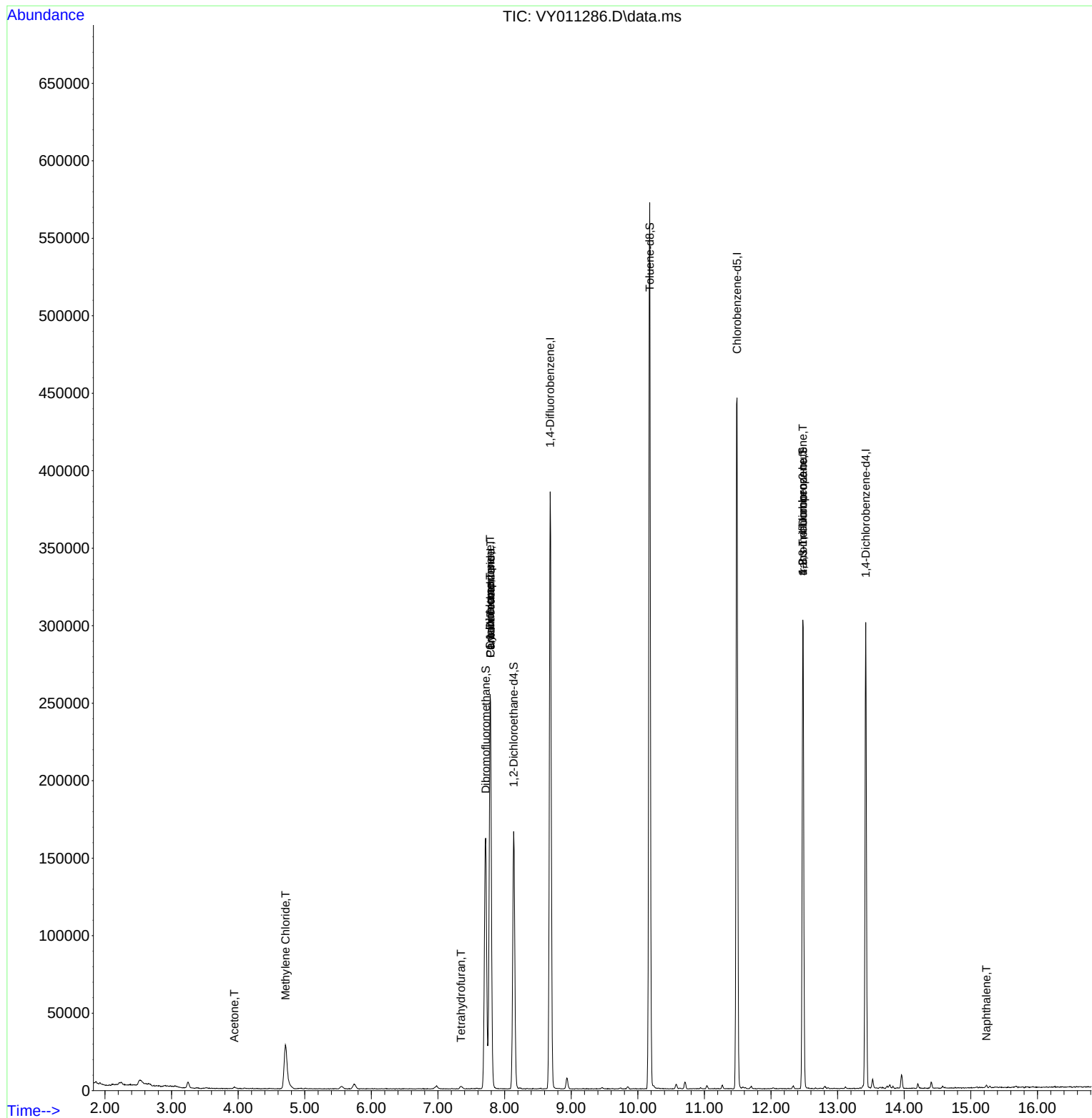
Internal Standards						
1) Pentafluorobenzene	7.789	168	199445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125471	58.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.640%	
35) Dibromofluoromethane	7.716	113	118804	54.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.800%	
50) Toluene-d8	10.179	98	380488	45.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.580%	
62) 4-Bromofluorobenzene	12.477	95	95137	32.616	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 65.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	62	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	623	Below Cal	#	77
16) Acetone	3.942	43	1548	2.404	ug/l #	85
20) Methylene Chloride	4.710	84	22353	3.847	ug/l #	82
29) Tetrahydrofuran	7.344	42	1389	2.634	ug/l	95
31) Cyclohexane	7.783	56	3954	1.000	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15564	4.404	ug/l #	50
38) Carbon Tetrachloride	7.789	117	20019	5.460	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	46711	49.907	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46711	106.807	ug/l #	7
95) Naphthalene	15.233	128	1795	4.452	ug/l #	97

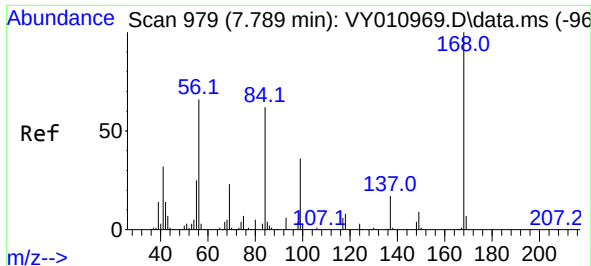
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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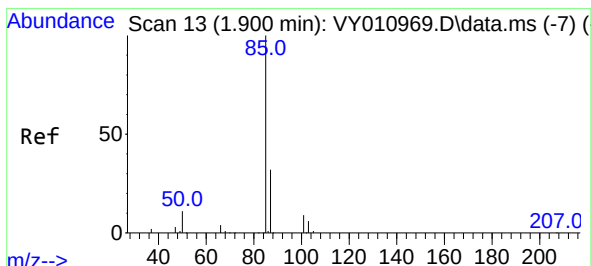
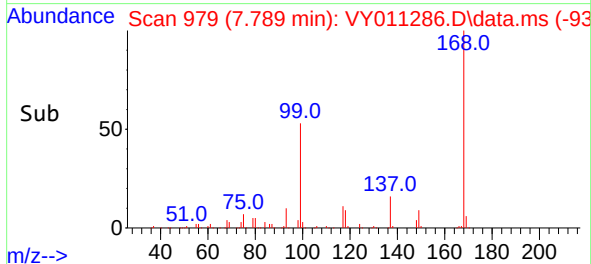
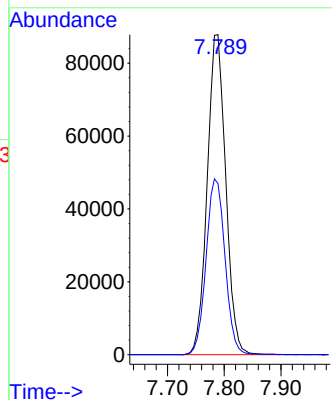
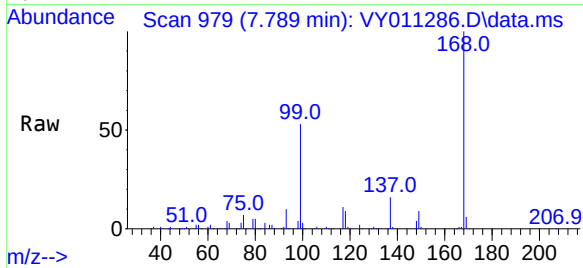




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011286.D
Acq: 03 Nov 2022 14:54

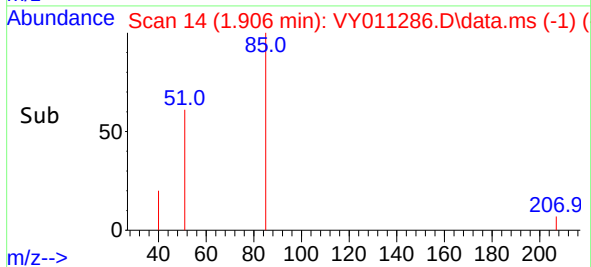
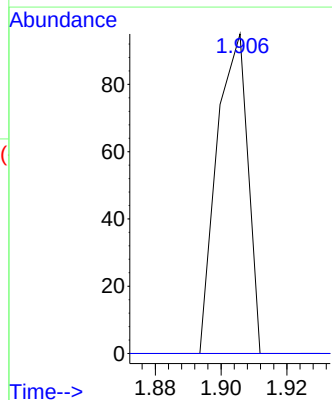
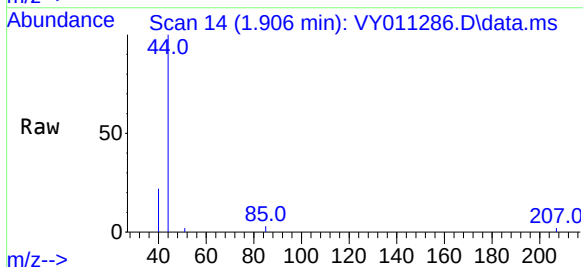
Instrument :
MSVOA_Y
ClientSampleId :
MH-7-WCRE

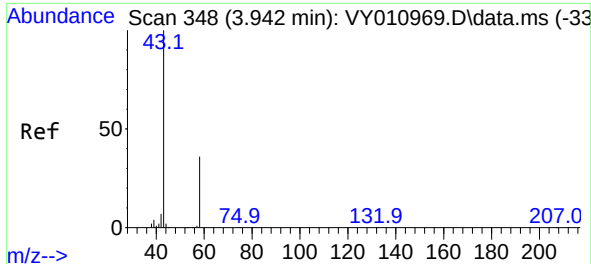
Tgt Ion:168 Resp: 199445
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011286.D
Acq: 03 Nov 2022 14:54

Tgt Ion: 85 Resp: 62
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 2.404 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY011286.D

Acq: 03 Nov 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

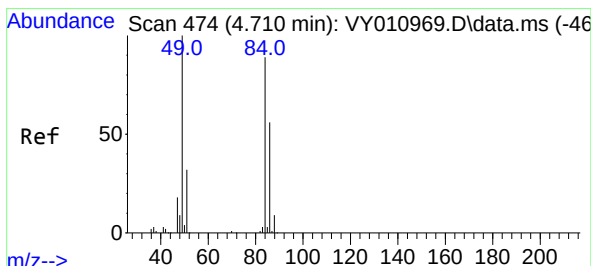
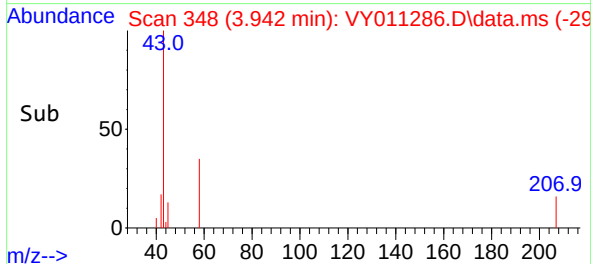
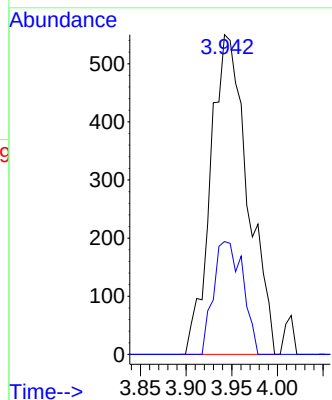
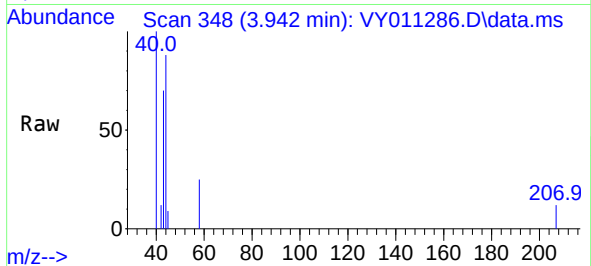
MH-7-WCRE

Tgt Ion: 43 Resp: 1548

Ion Ratio Lower Upper

43 100

58 35.3 22.0 33.0#



#20

Methylene Chloride

Concen: 3.847 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY011286.D

Acq: 03 Nov 2022 14:54

Tgt Ion: 84 Resp: 22353

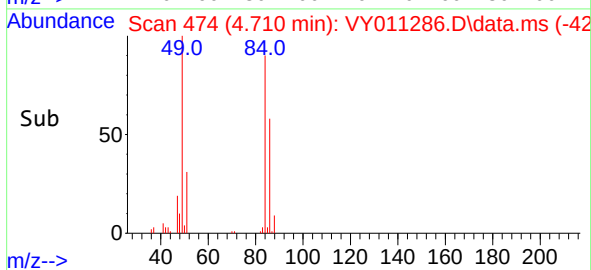
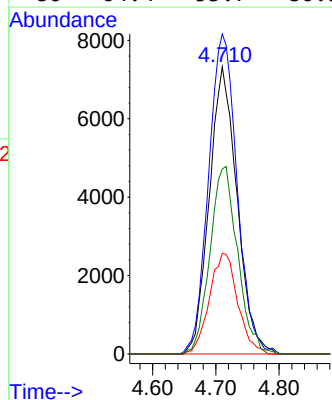
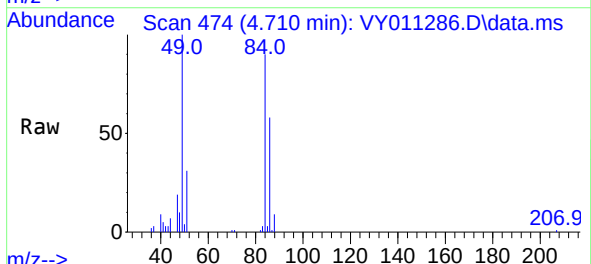
Ion Ratio Lower Upper

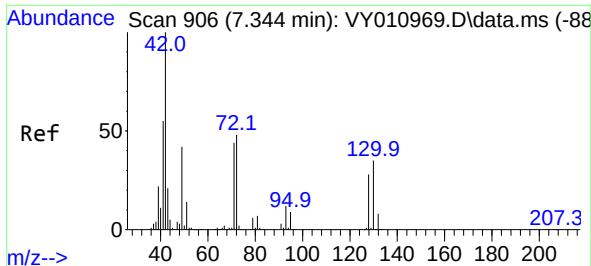
84 100

49 111.4 114.4 171.6#

51 35.1 35.3 52.9#

86 64.4 53.7 80.5





#29

Tetrahydrofuran

Concen: 2.634 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011286.D

Acq: 03 Nov 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

MH-7-WCRE

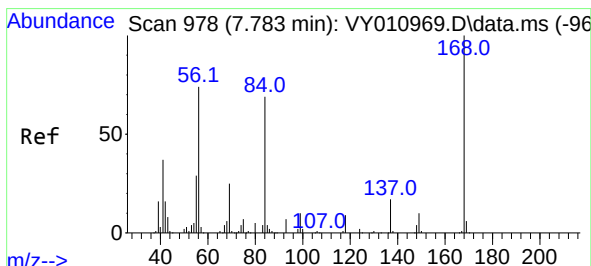
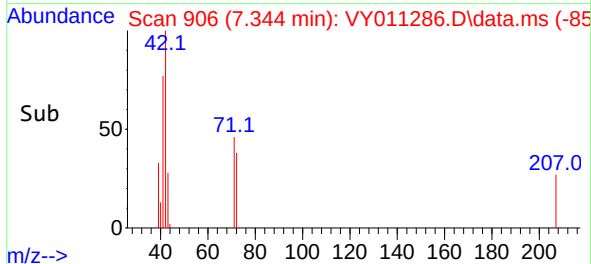
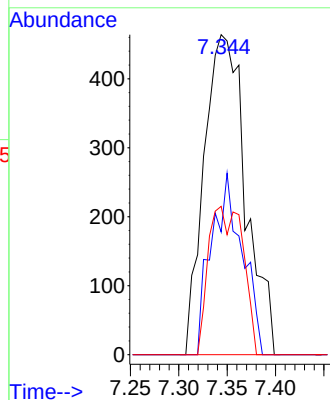
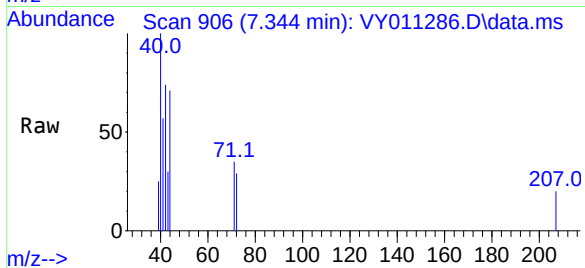
Tgt Ion: 42 Resp: 1389

Ion Ratio Lower Upper

42 100

72 41.9 30.3 45.5

71 38.4 29.0 43.4



#31

Cyclohexane

Concen: 1.000 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY011286.D

Acq: 03 Nov 2022 14:54

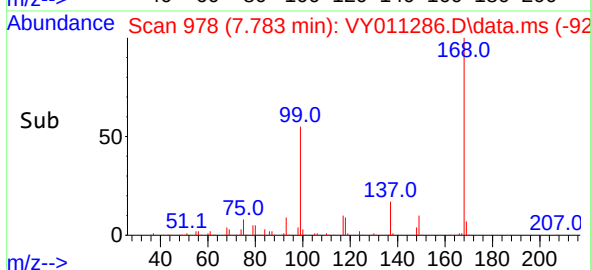
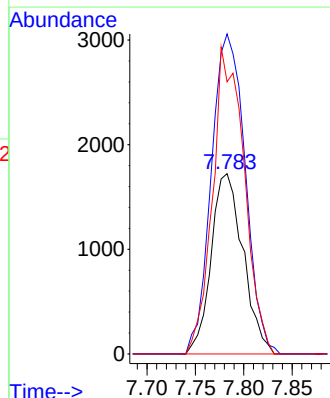
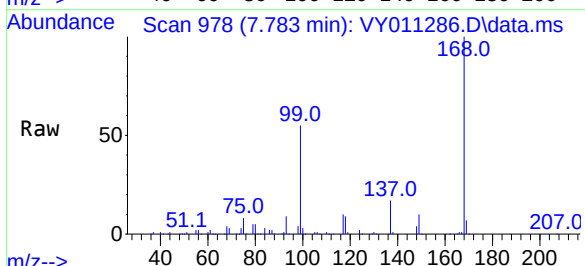
Tgt Ion: 56 Resp: 3954

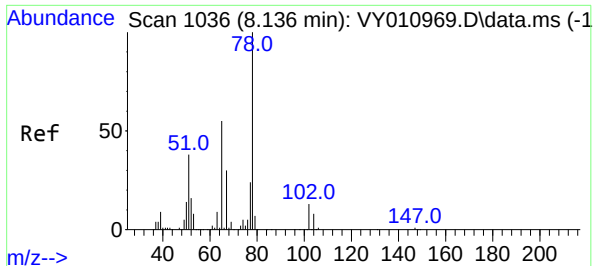
Ion Ratio Lower Upper

56 100

69 177.5 26.7 40.1#

84 151.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 58.822 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011286.D

Acq: 03 Nov 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

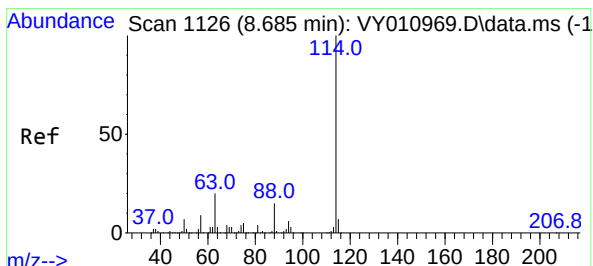
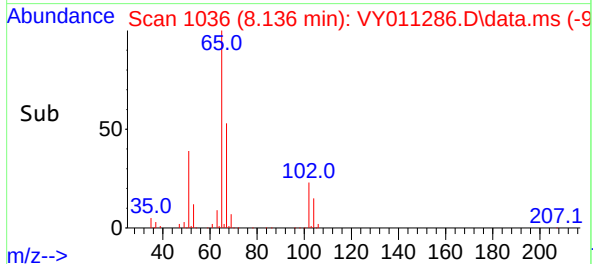
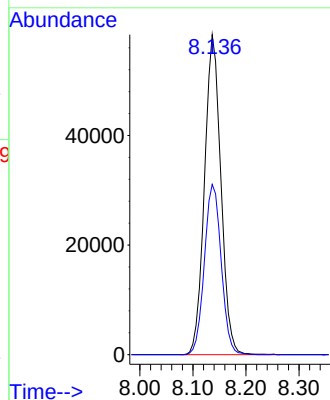
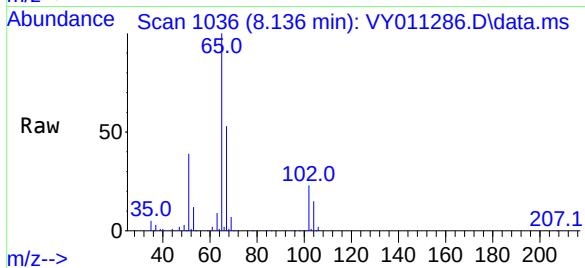
MH-7-WCRE

Tgt Ion: 65 Resp: 125471

Ion Ratio Lower Upper

65 100

67 54.5 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: VY011286.D

Acq: 03 Nov 2022 14:54

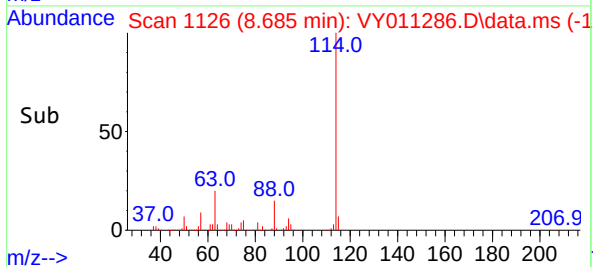
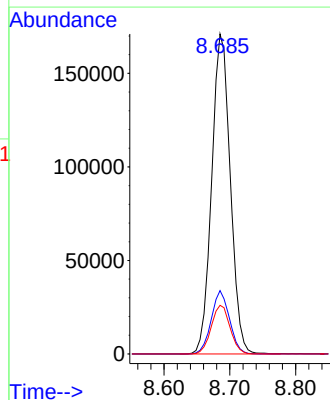
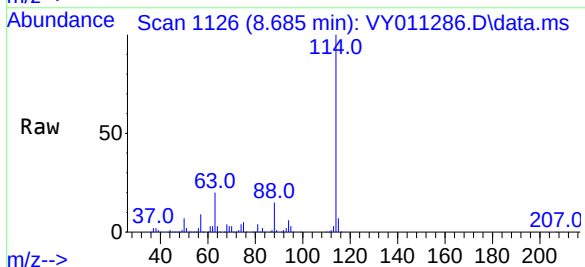
Tgt Ion: 114 Resp: 336814

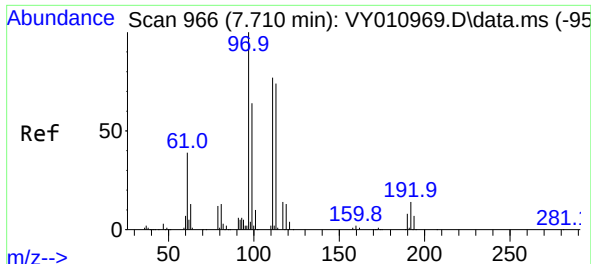
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.2 0.0 31.8

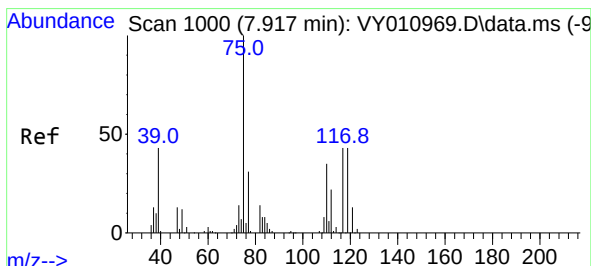
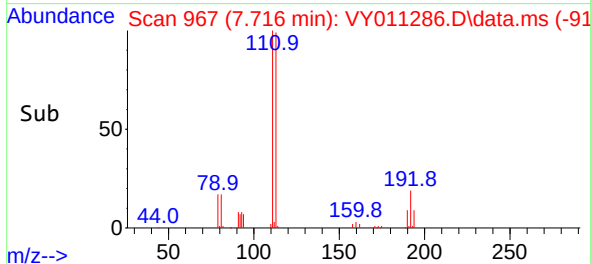
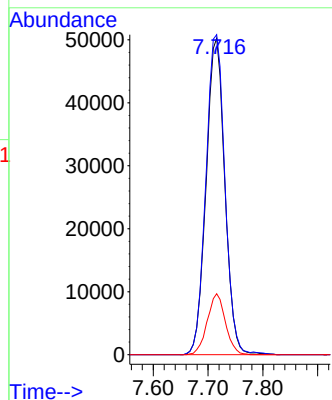
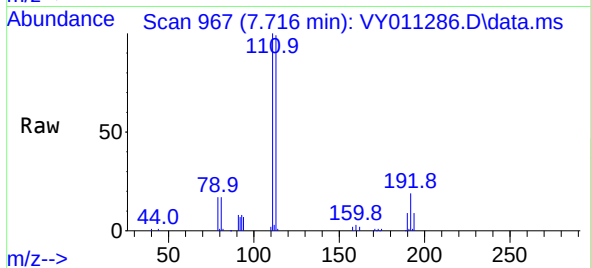




#35
Dibromofluoromethane
Concen: 54.900 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011286.D
Acq: 03 Nov 2022 14:54

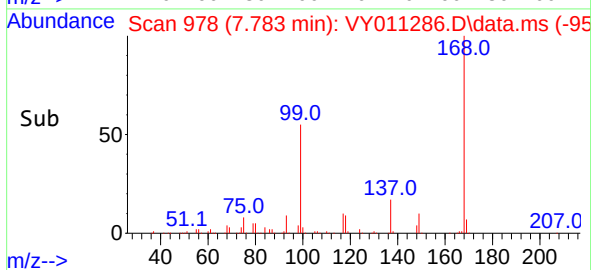
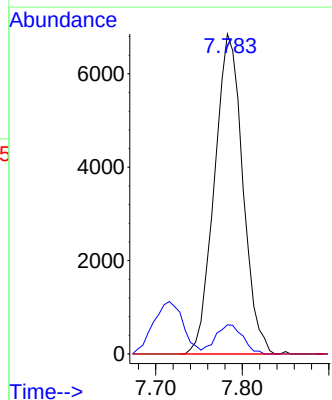
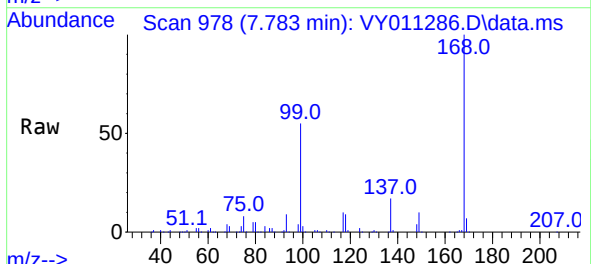
Instrument :
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ClientSampleId :
MH-7-WCRE

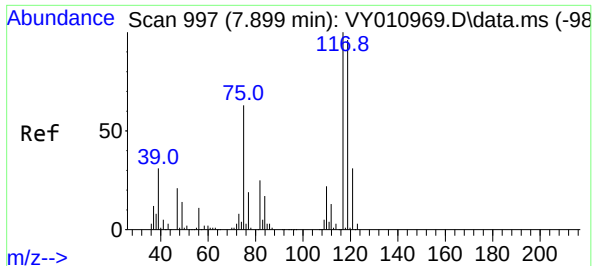
Tgt Ion:113 Resp: 118804
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.404 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011286.D
Acq: 03 Nov 2022 14:54

Tgt Ion: 75 Resp: 15564
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#

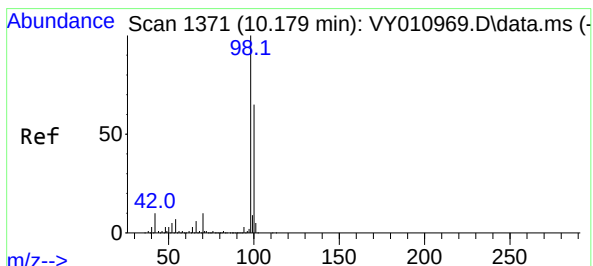
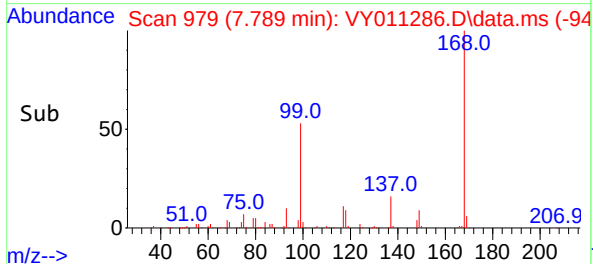
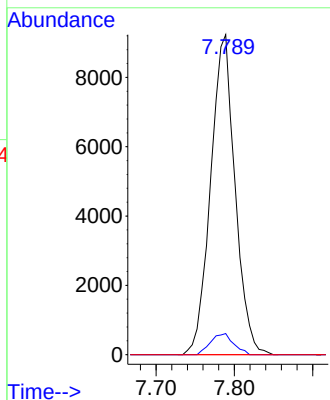
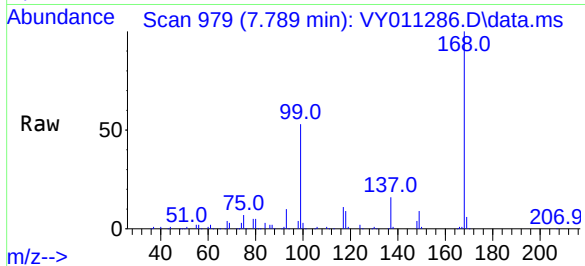




#38
Carbon Tetrachloride
Concen: 5.460 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011286.D
Acq: 03 Nov 2022 14:54

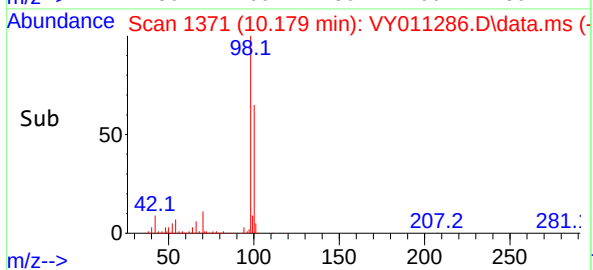
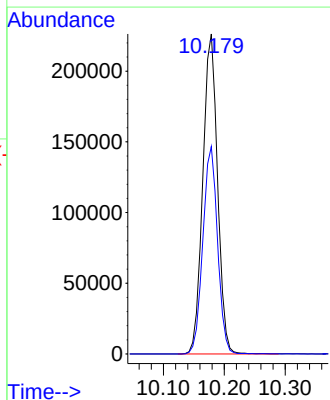
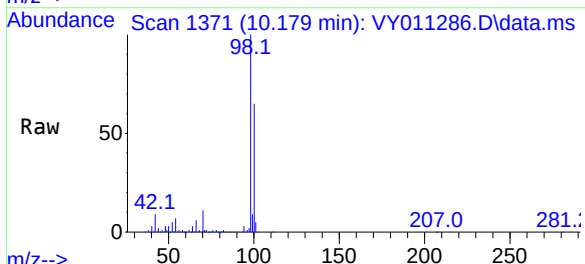
Instrument :
MSVOA_Y
ClientSampleId :
MH-7-WCRE

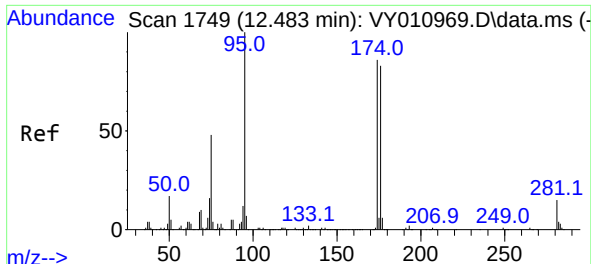
Tgt Ion:117 Resp: 20019
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 45.285 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011286.D
Acq: 03 Nov 2022 14:54

Tgt Ion: 98 Resp: 380488
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

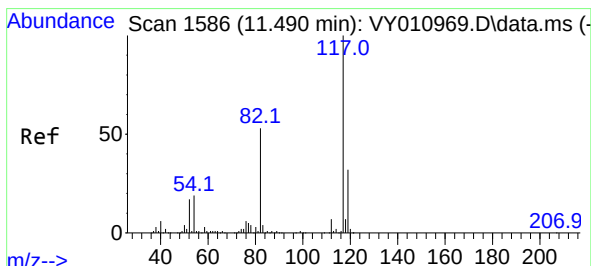
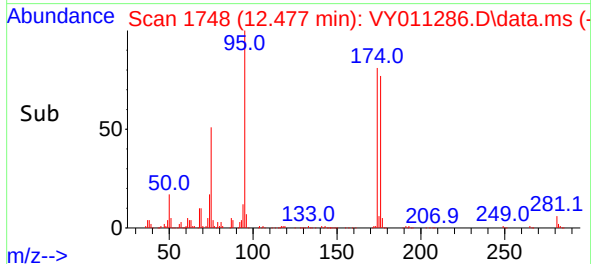
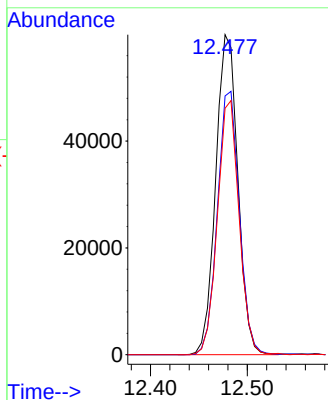
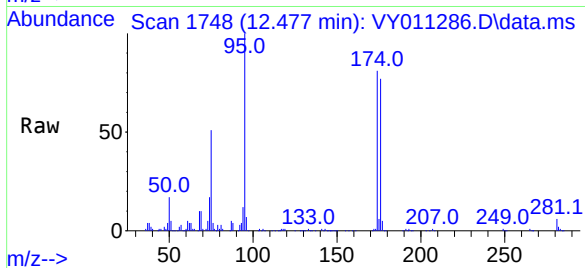




#62
4-Bromofluorobenzene
Concen: 32.616 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011286.D
Acq: 03 Nov 2022 14:54

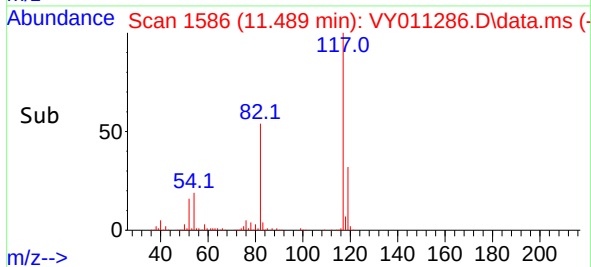
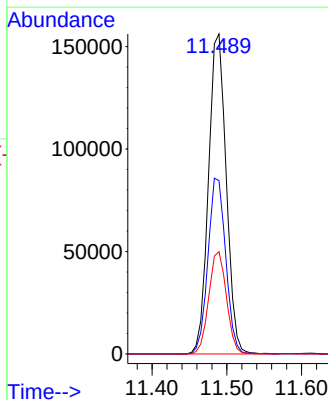
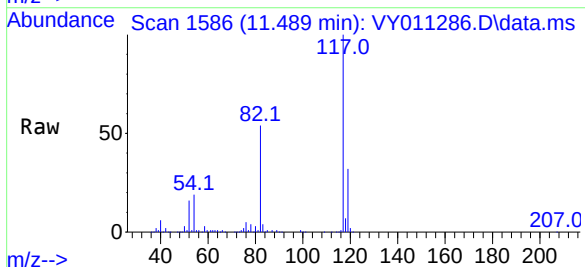
Instrument :
MSVOA_Y
ClientSampleId :
MH-7-WCRE

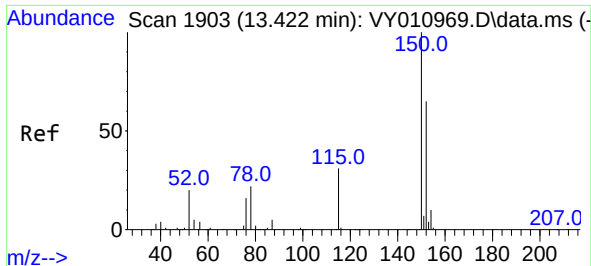
Tgt Ion: 95 Resp: 95137
Ion Ratio Lower Upper
95 100
174 81.6 0.0 177.0
176 77.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011286.D
Acq: 03 Nov 2022 14:54

Tgt Ion: 117 Resp: 257607
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.9 25.4 38.0

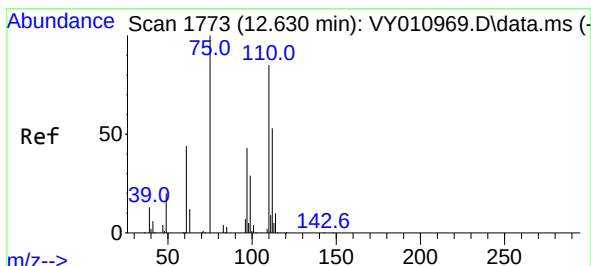
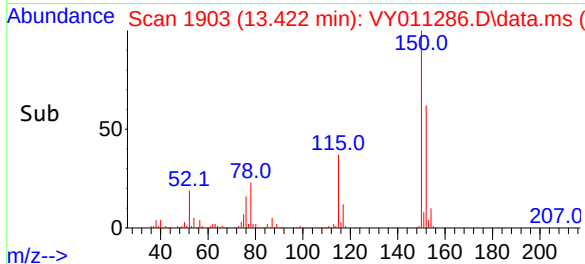
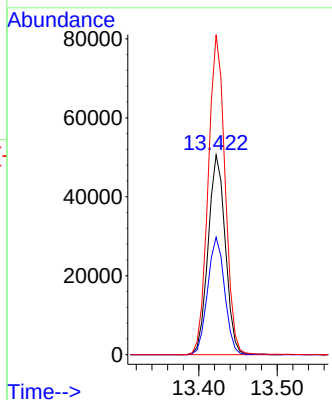
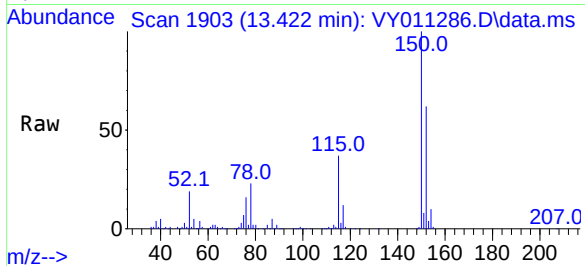




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011286.D
Acq: 03 Nov 2022 14:54

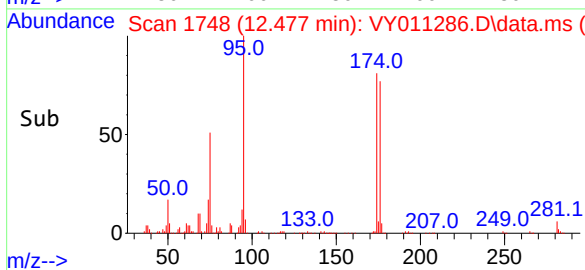
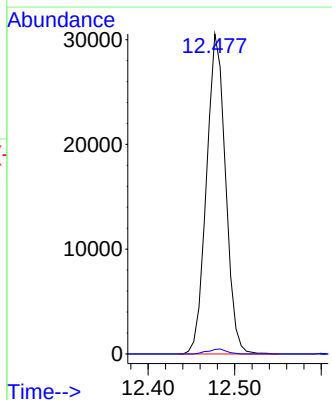
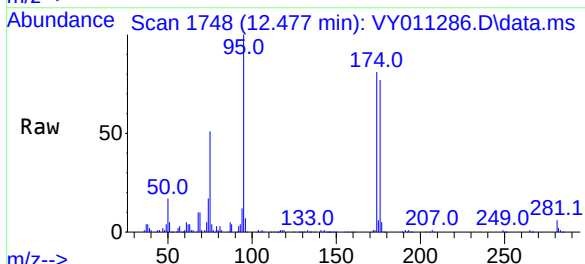
Instrument :
MSVOA_Y
ClientSampleId :
MH-7-WCRE

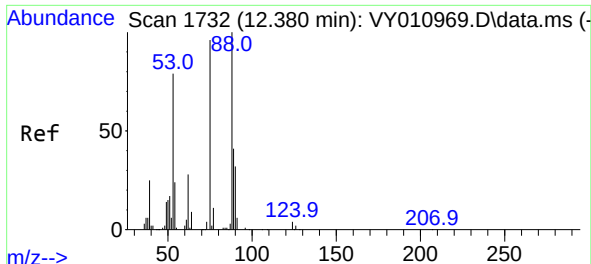
Tgt Ion:152 Resp: 76881
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 157.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 49.907 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011286.D
Acq: 03 Nov 2022 14:54

Tgt Ion: 75 Resp: 46711
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

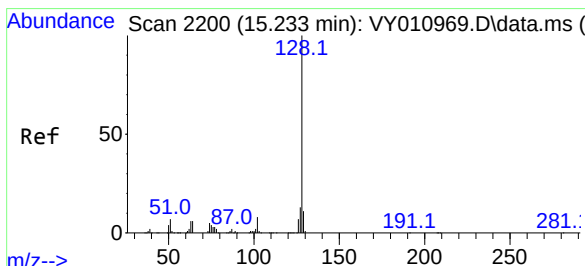
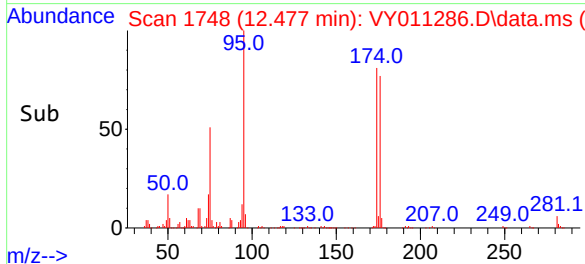
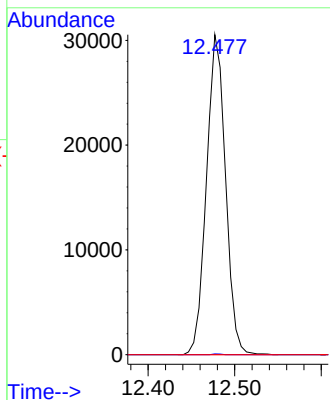
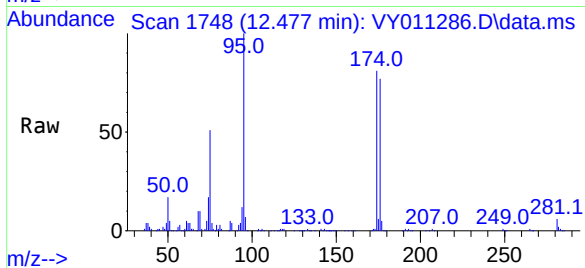




#81
trans-1,4-Dichloro-2-butene
Concen: 106.807 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011286.D
Acq: 03 Nov 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :
MH-7-WCRE

Tgt Ion: 75 Resp: 46711
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.452 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011286.D
Acq: 03 Nov 2022 14:54

Tgt Ion: 128 Resp: 1795
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.4
129 8.0 8.4 12.6#

