

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011285.D
 Acq On : 03 Nov 2022 14:31
 Operator : KP/MD
 Sample : N5371-01RE
 Misc : 7.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-6-WC

Quant Time: Nov 04 02:20:50 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)

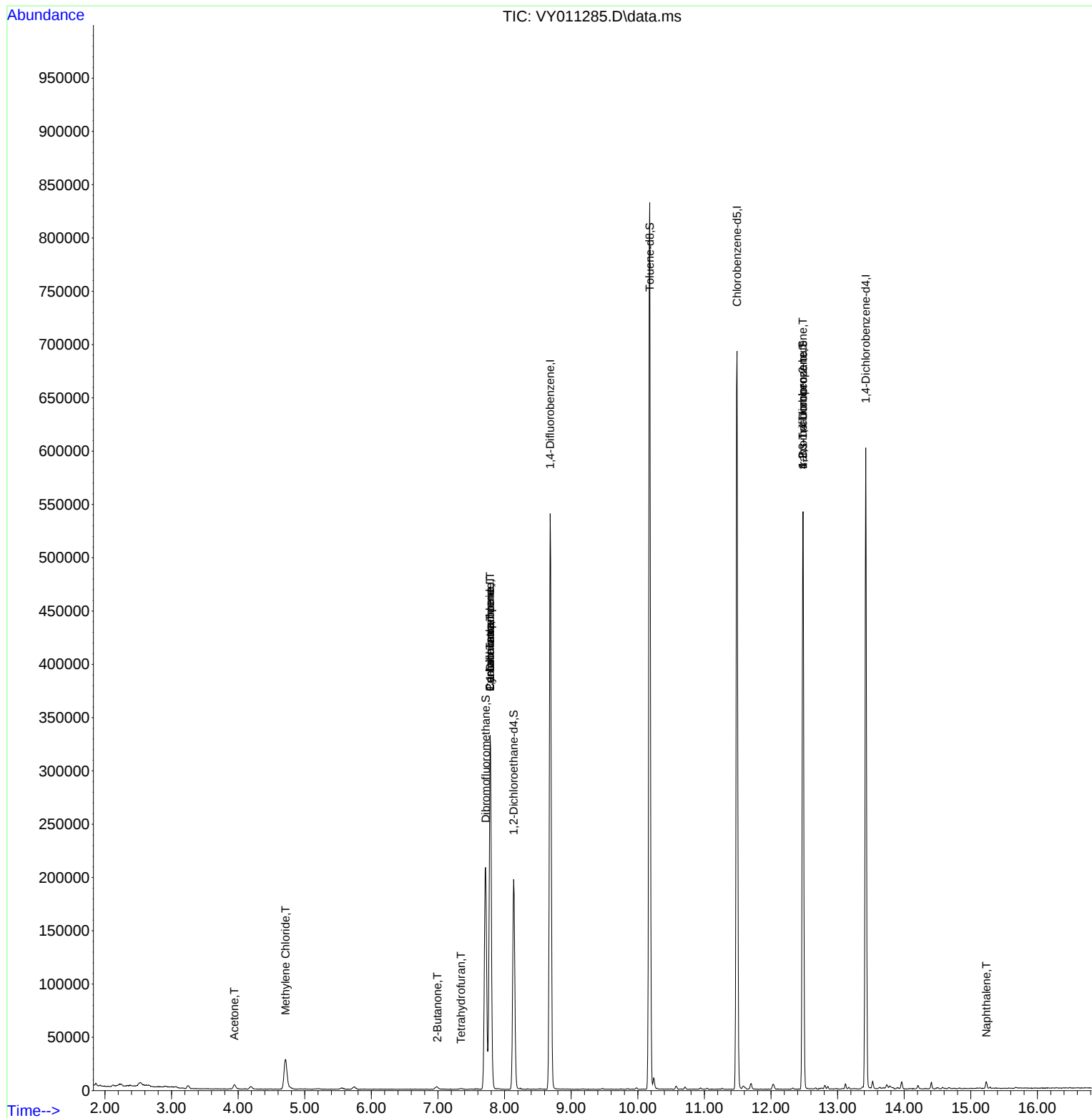
Internal Standards						
1) Pentafluorobenzene	7.783	168	252998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	455379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	382232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	149419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	150070	55.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.920%	
35) Dibromofluoromethane	7.716	113	152491	52.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.240%	
50) Toluene-d8	10.179	98	552853	48.668	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.340%	
62) 4-Bromofluorobenzene	12.477	95	172092	43.638	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	114	Below Cal	#	77
16) Acetone	3.942	43	7425	9.091	ug/l #	86
20) Methylene Chloride	4.710	84	21728	1.641	ug/l	91
25) 2-Butanone	6.990	43	2337	2.033	ug/l	92
29) Tetrahydrofuran	7.344	42	726	1.085	ug/l #	73
31) Cyclohexane	7.783	56	5160	1.029	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	19700	4.123	ug/l #	51
38) Carbon Tetrachloride	7.783	117	25175	5.079	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	88103	48.433	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	88103	103.654	ug/l #	7
95) Naphthalene	15.233	128	5634	4.749	ug/l	99

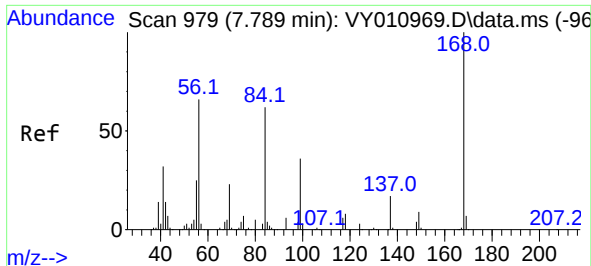
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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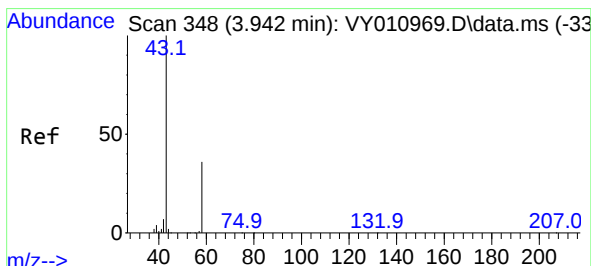
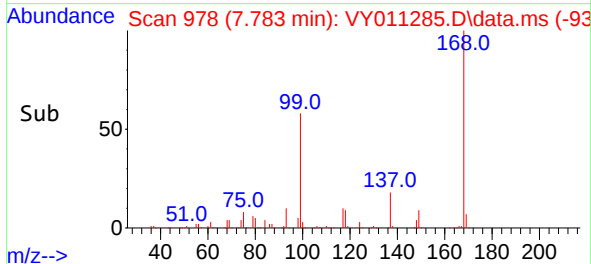
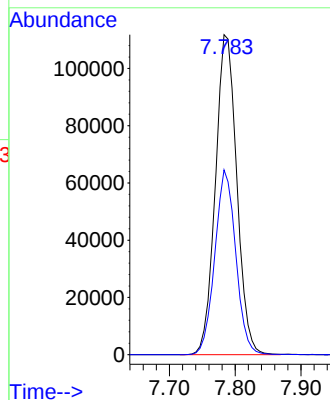
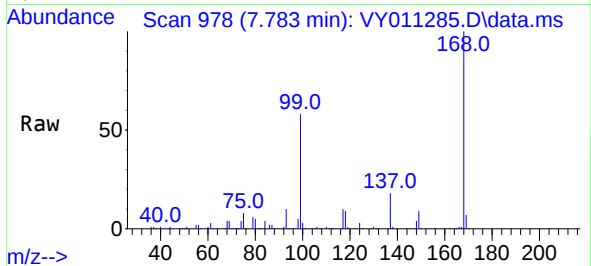




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

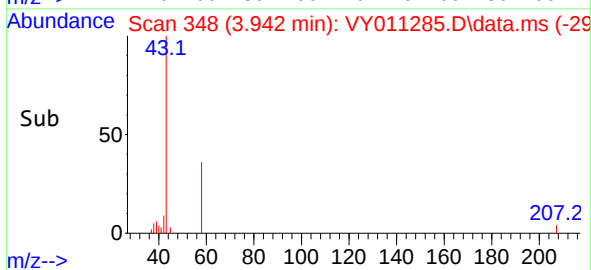
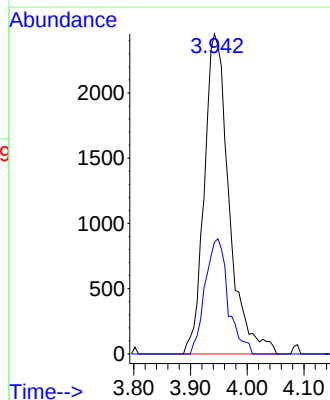
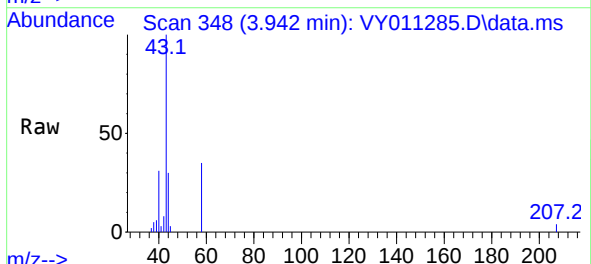
Instrument :
MSVOA_Y
ClientSampleId :
MH-6-WC

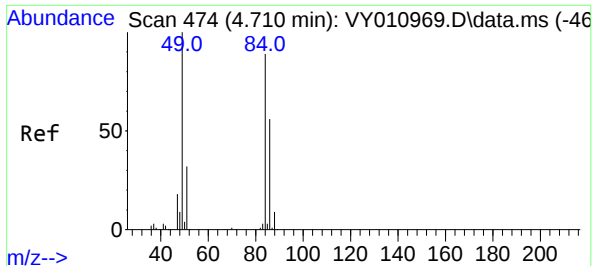
Tgt Ion:168 Resp: 252998
Ion Ratio Lower Upper
168 100
99 57.7 46.9 70.3



#16
Acetone
Concen: 9.091 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

Tgt Ion: 43 Resp: 7425
Ion Ratio Lower Upper
43 100
58 35.0 22.0 33.0#



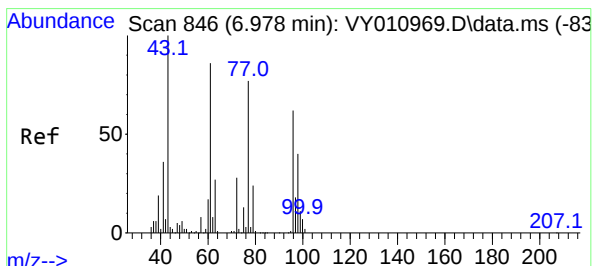
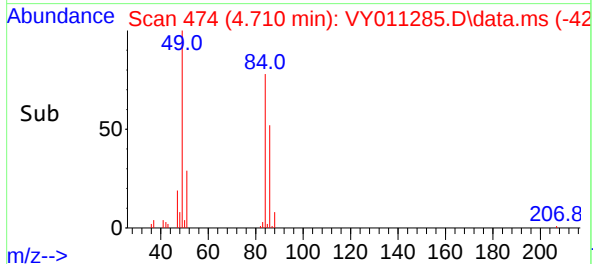
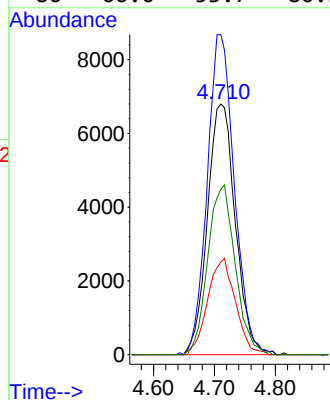
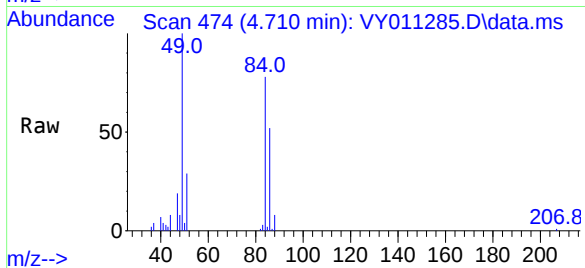


#20
Methylene Chloride
Concen: 1.641 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

Instrument :
MSVOA_Y
ClientSampleId :
MH-6-WC

Tgt Ion: 84 Resp: 21728

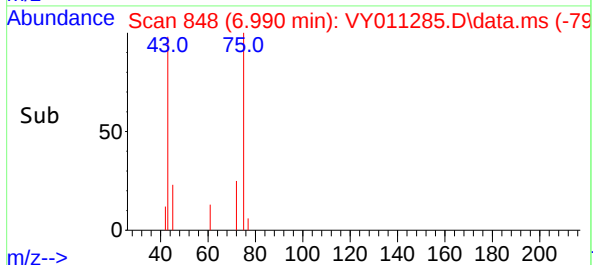
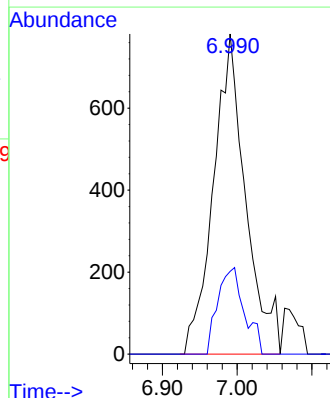
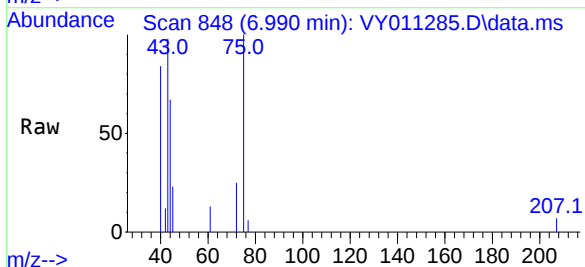
Ion	Ratio	Lower	Upper
84	100		
49	127.7	114.4	171.6
51	36.9	35.3	52.9
86	66.0	53.7	80.5

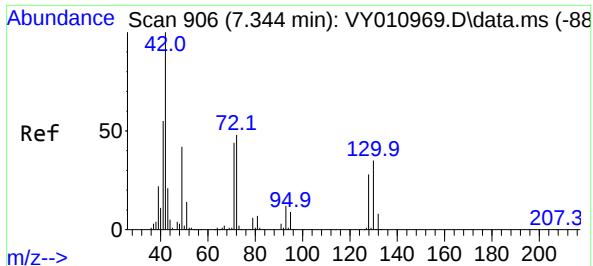


#25
2-Butanone
Concen: 2.033 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

Tgt Ion: 43 Resp: 2337

Ion	Ratio	Lower	Upper
43	100		
72	25.9	17.7	26.5





#29

Tetrahydrofuran

Concen: 1.085 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY011285.D

Acq: 03 Nov 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

MH-6-WC

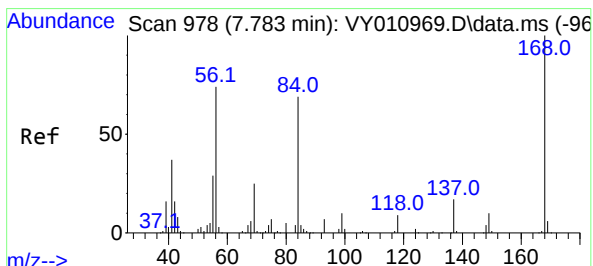
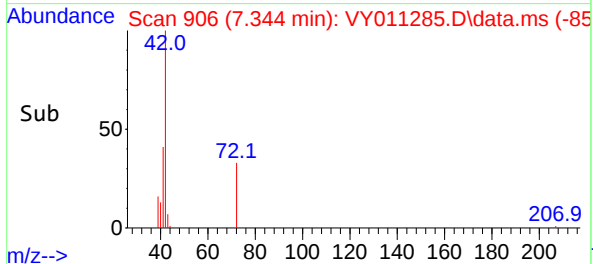
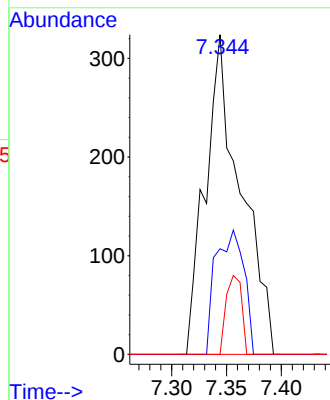
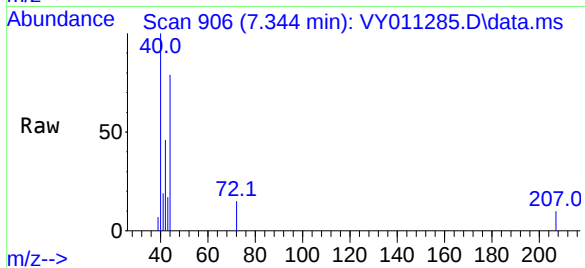
Tgt Ion: 42 Resp: 726

Ion Ratio Lower Upper

42 100

72 31.0 30.3 45.5

71 10.7 29.0 43.4#



#31

Cyclohexane

Concen: 1.029 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY011285.D

Acq: 03 Nov 2022 14:31

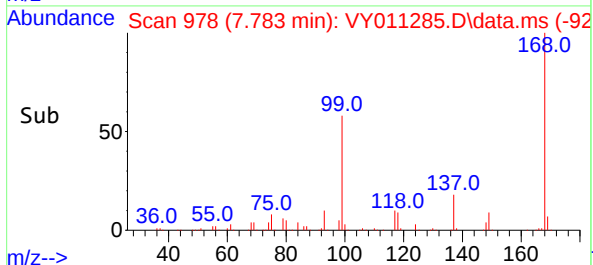
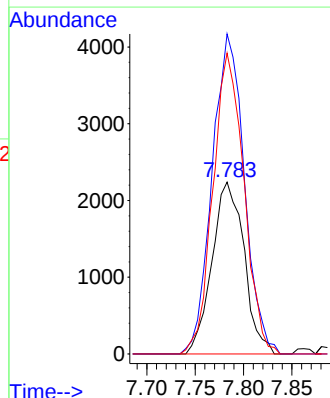
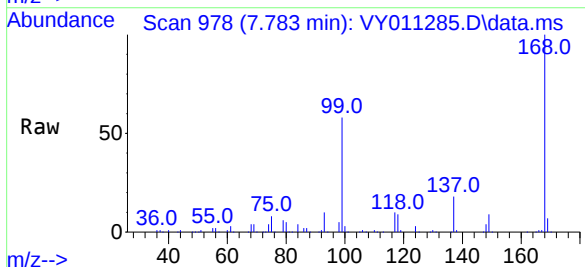
Tgt Ion: 56 Resp: 5160

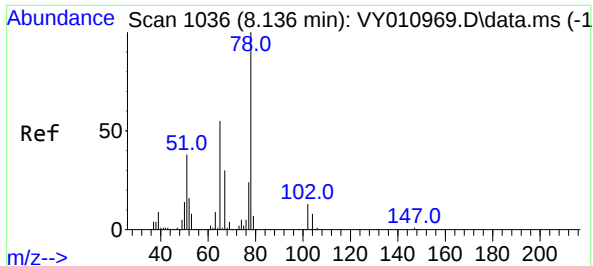
Ion Ratio Lower Upper

56 100

69 186.2 26.7 40.1#

84 175.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.462 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011285.D

Acq: 03 Nov 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

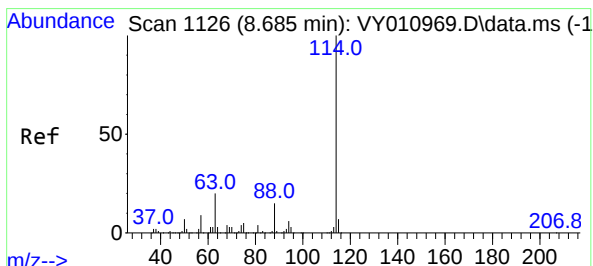
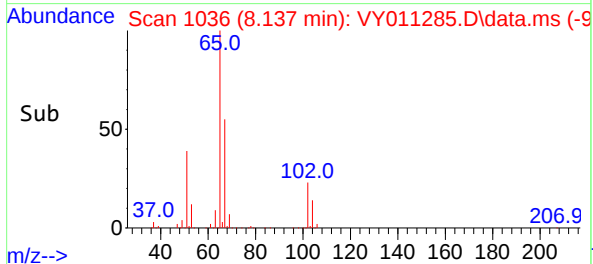
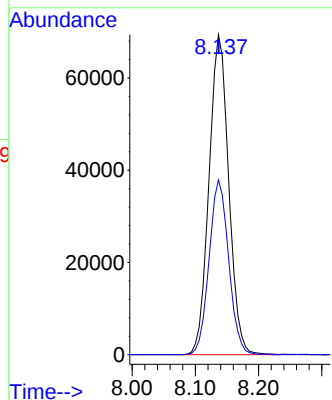
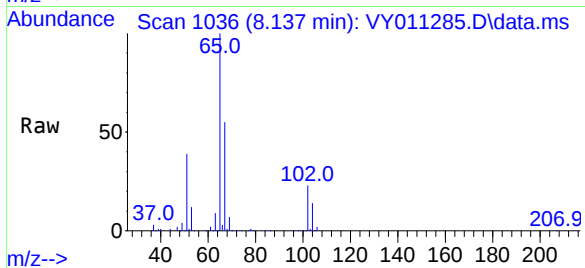
MH-6-WC

Tgt Ion: 65 Resp: 150070

Ion Ratio Lower Upper

65 100

67 54.2 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: VY011285.D

Acq: 03 Nov 2022 14:31

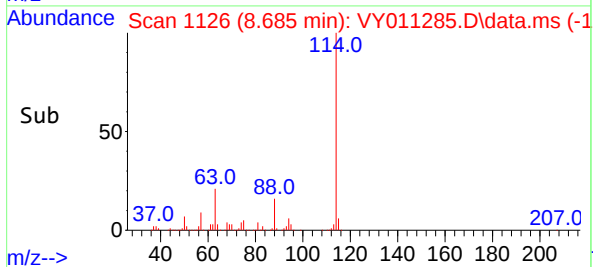
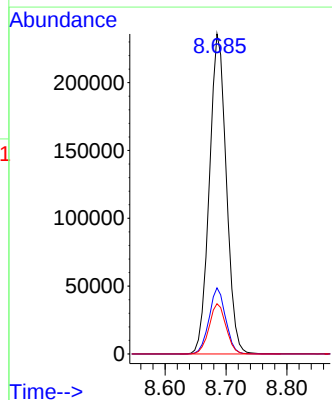
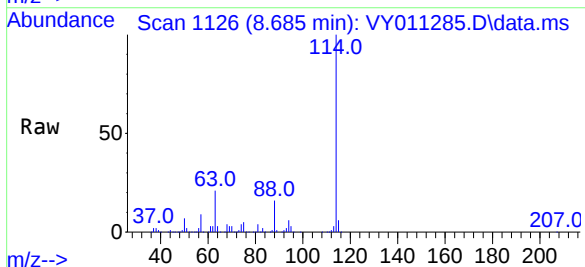
Tgt Ion: 114 Resp: 455379

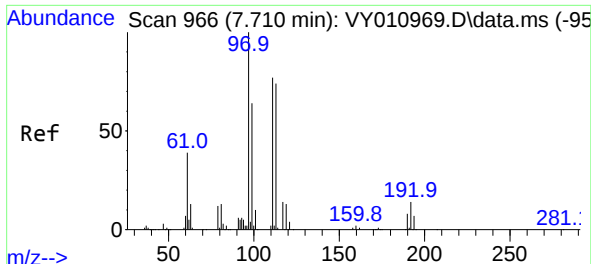
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.120 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY011285.D

Acq: 03 Nov 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

MH-6-WC

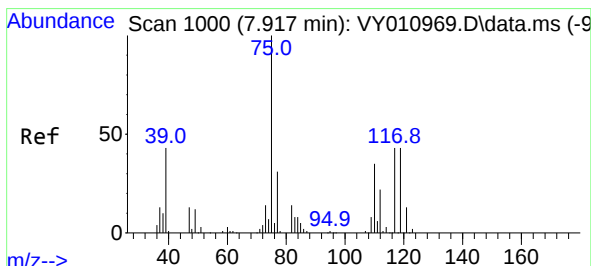
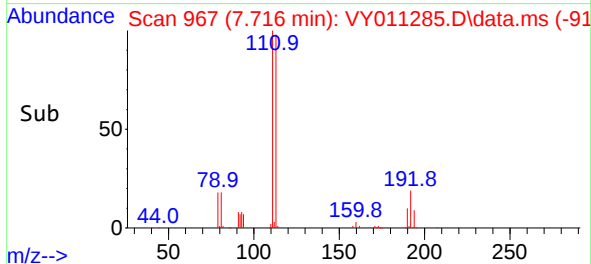
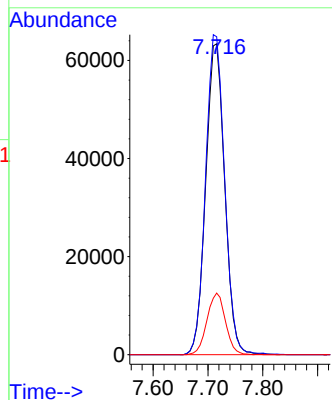
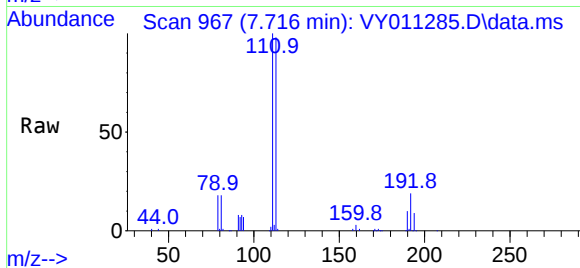
Tgt Ion:113 Resp: 152491

Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.2 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.123 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.134 min

Lab File: VY011285.D

Acq: 03 Nov 2022 14:31

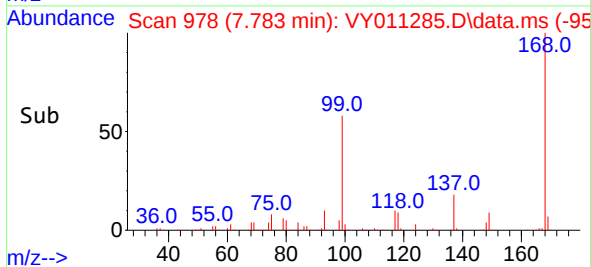
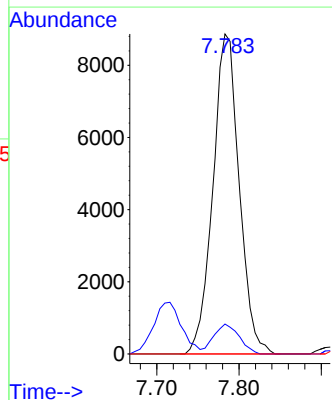
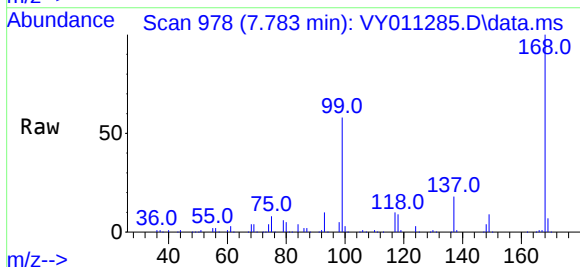
Tgt Ion: 75 Resp: 19700

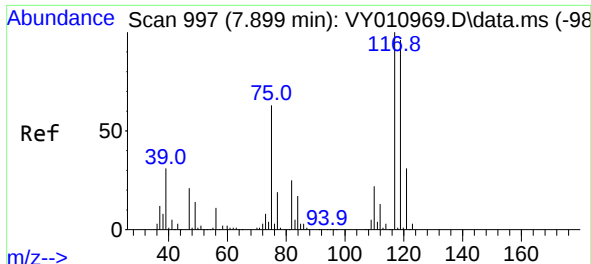
Ion Ratio Lower Upper

75 100

110 9.1 17.1 51.2#

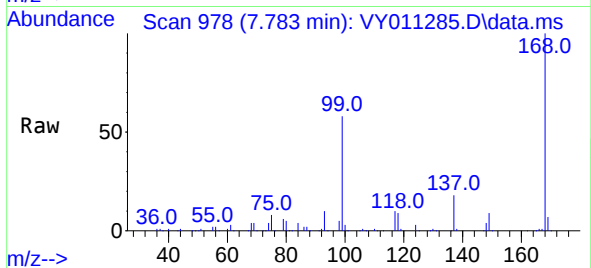
77 0.0 24.4 36.6#



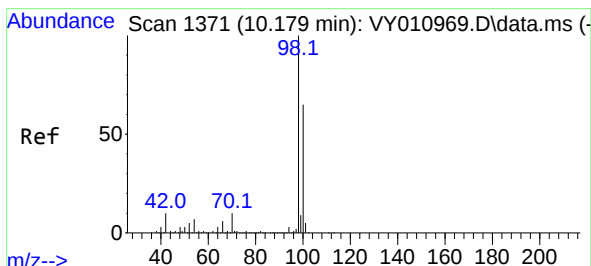
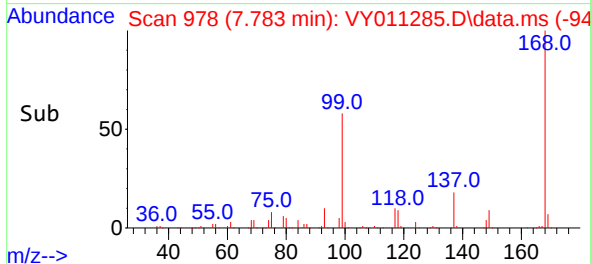
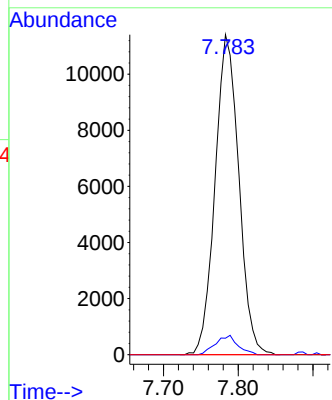


#38
Carbon Tetrachloride
Concen: 5.079 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

Instrument :
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ClientSampleId :
MH-6-WC

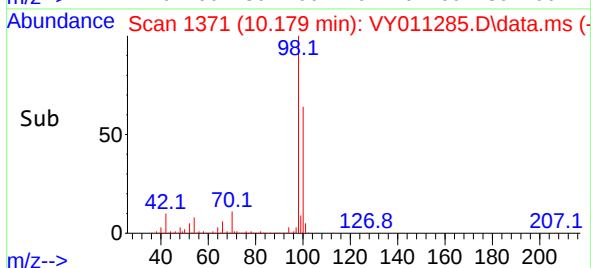
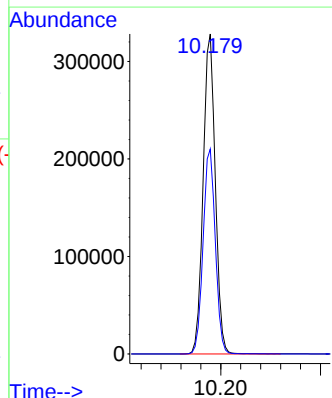
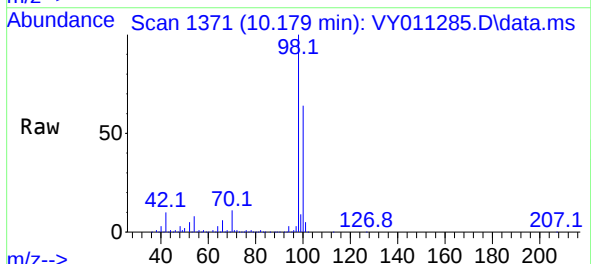


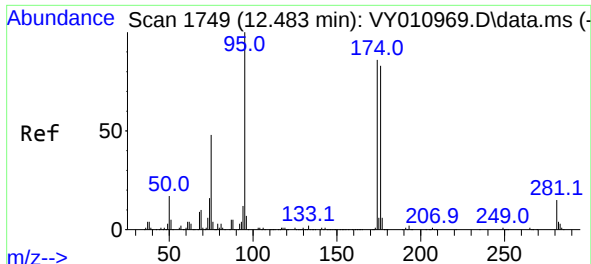
Tgt Ion:117 Resp: 25175
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.668 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

Tgt Ion: 98 Resp: 552853
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

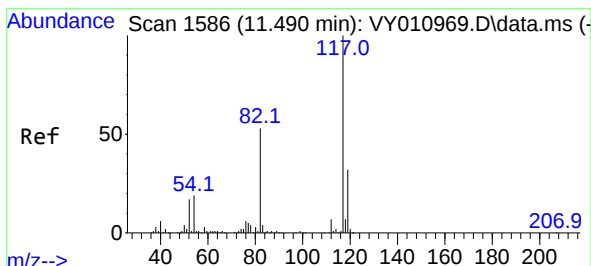
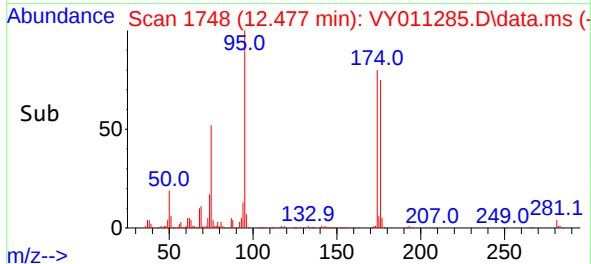
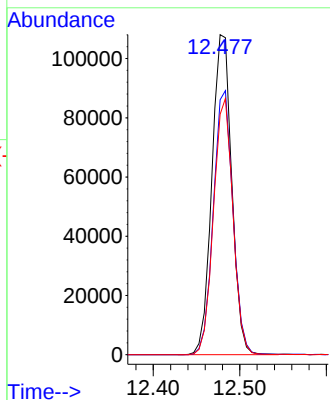
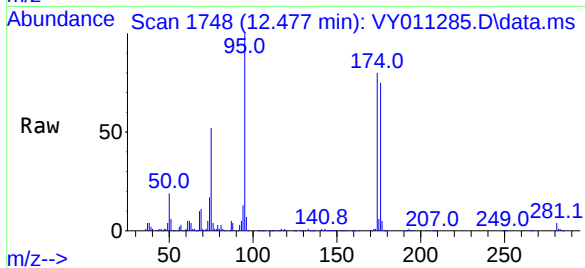




#62
4-Bromofluorobenzene
Concen: 43.638 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

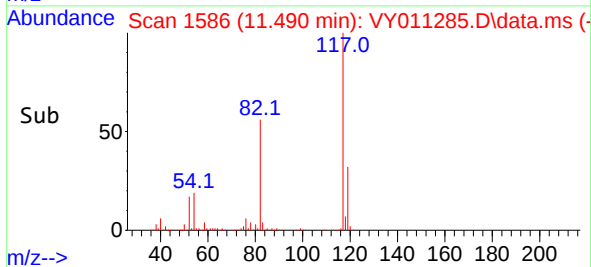
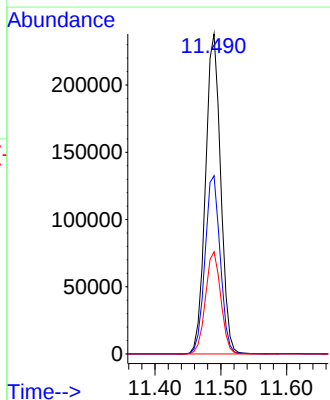
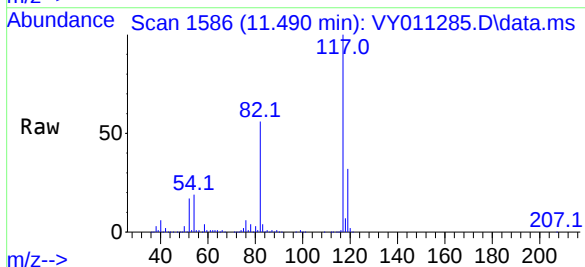
Instrument :
MSVOA_Y
ClientSampleId :
MH-6-WC

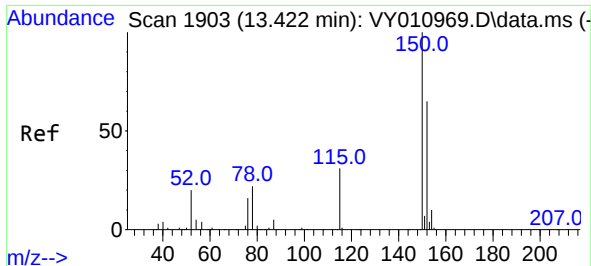
Tgt Ion: 95 Resp: 172092
Ion Ratio Lower Upper
95 100
174 81.1 0.0 177.0
176 78.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

Tgt Ion: 117 Resp: 382232
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 31.9 25.4 38.0

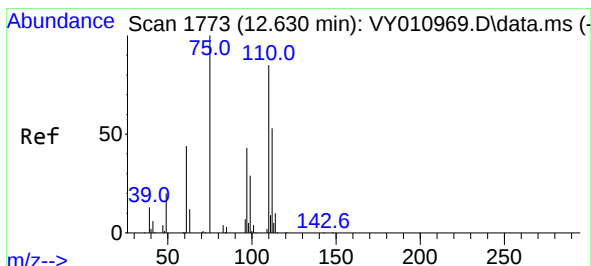
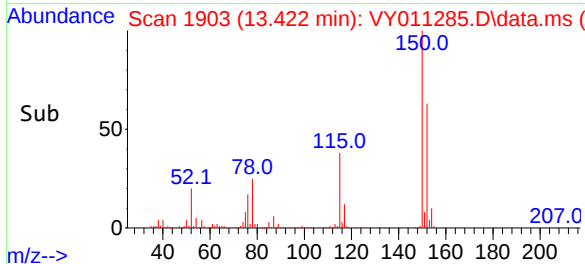
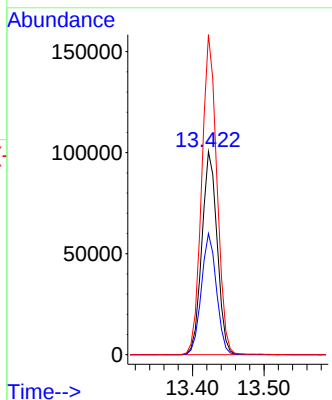
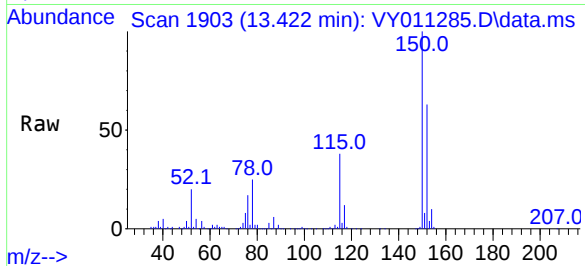




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

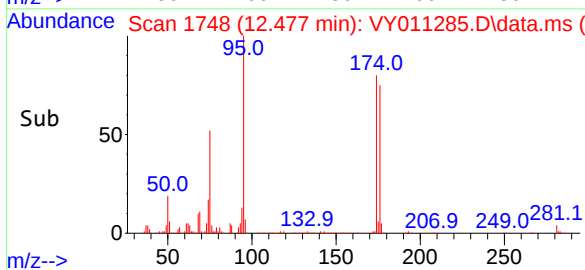
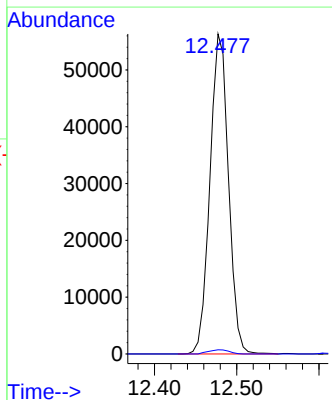
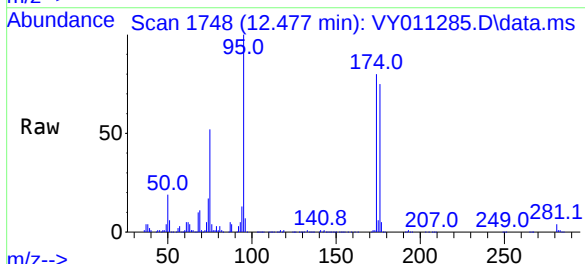
Instrument :
MSVOA_Y
ClientSampleId :
MH-6-WC

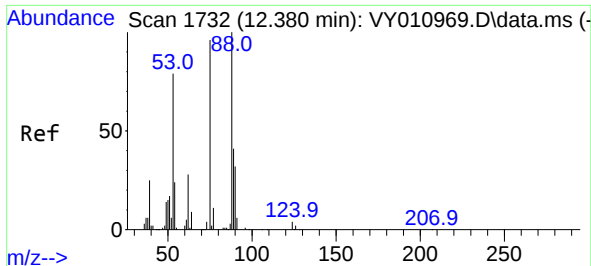
Tgt Ion:152 Resp: 149419
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 156.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.433 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

Tgt Ion: 75 Resp: 88103
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

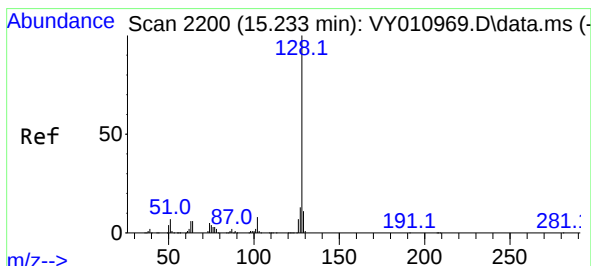
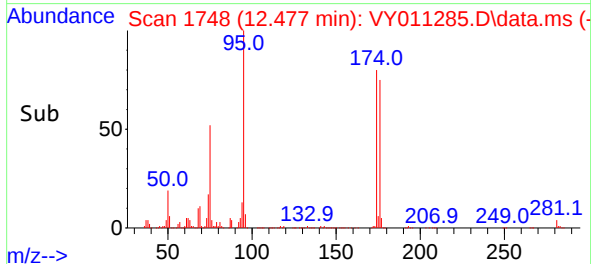
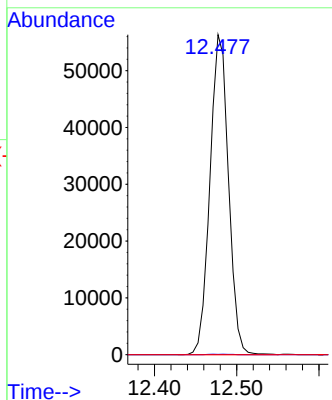
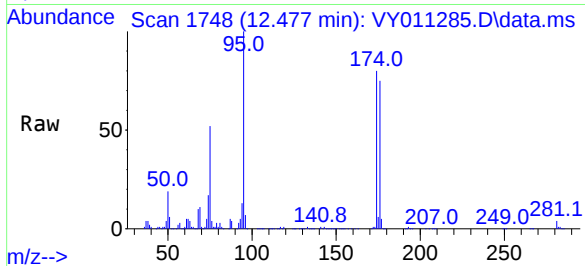




#81
trans-1,4-Dichloro-2-butene
Concen: 103.654 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

Instrument :
MSVOA_Y
ClientSampleId :
MH-6-WC

Tgt Ion: 75 Resp: 88103
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.749 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

Tgt Ion:128 Resp: 5634
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 10.2 8.4 12.6

