

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011081.D
 Acq On : 24 Oct 2022 19:45
 Operator : KP/MD
 Sample : N5256-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-H1-14.5-15.0

Quant Time: Oct 25 05:48:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

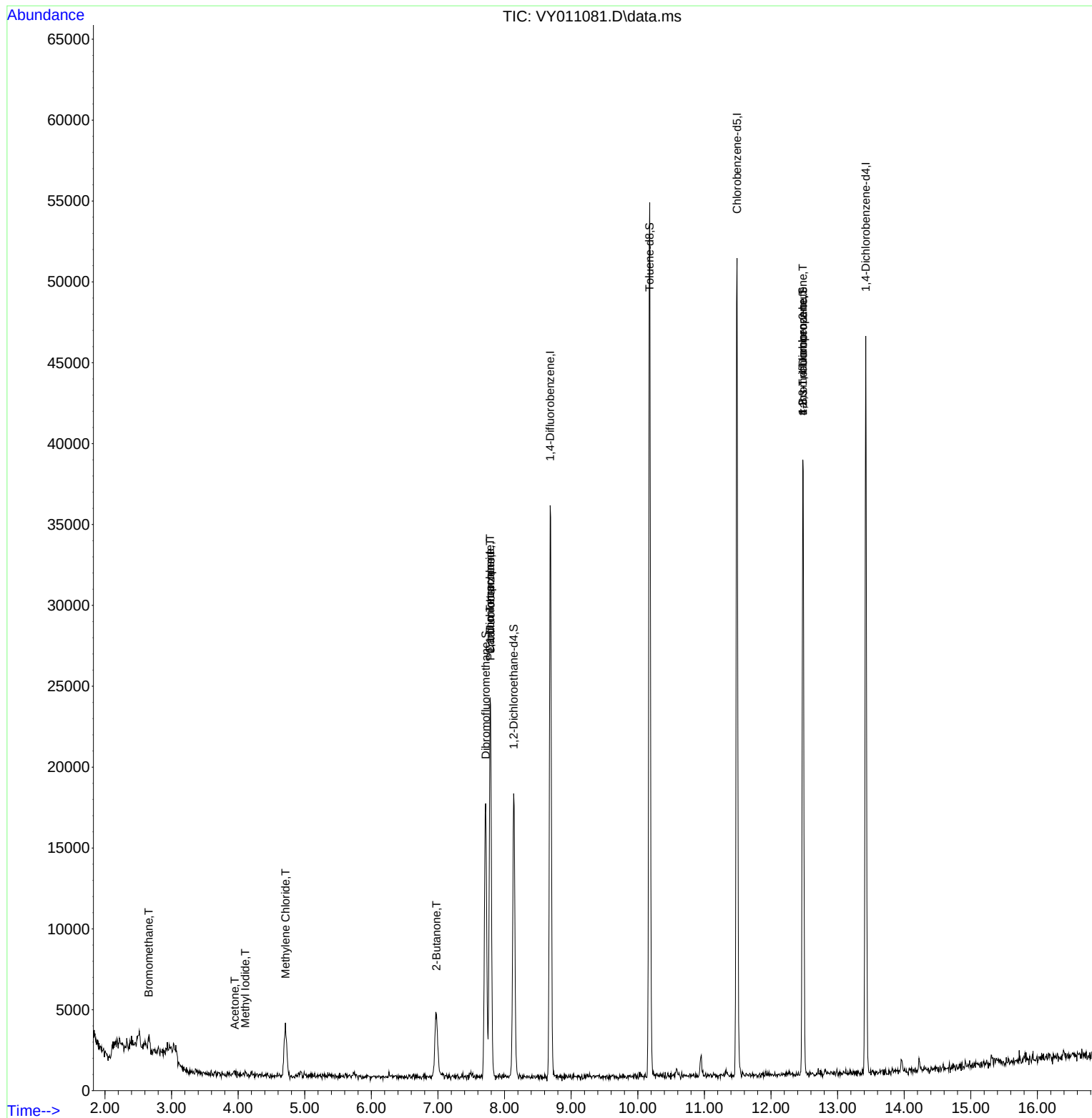
Internal Standards						
1) Pentafluorobenzene	7.789	168	19109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	31275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	29534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	13846	78.661	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 157.320%			
35) Dibromofluoromethane	7.716	113	12464	72.463	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 144.920%			
50) Toluene-d8	10.179	98	37734	57.784	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.560%			
62) 4-Bromofluorobenzene	12.477	95	12061	52.280	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.560%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	290	2.034	ug/l	82
10) Methyl Iodide	4.107	142	435	1.879	ug/l #	45
11) Tert butyl alcohol	4.924	59	173	Below Cal	#	77
16) Acetone	3.948	43	412	8.060	ug/l #	68
20) Methylene Chloride	4.710	84	2557	5.908	ug/l #	81
25) 2-Butanone	6.978	43	218	2.812	ug/l #	54
36) 1,1-Dichloropropene	7.783	75	1555	5.341	ug/l #	46
38) Carbon Tetrachloride	7.783	117	1986	6.608	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	6118	45.273	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	6118	97.369	ug/l #	7

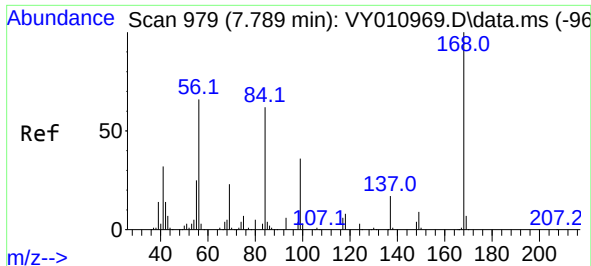
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-H1-14.5-15.0

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Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

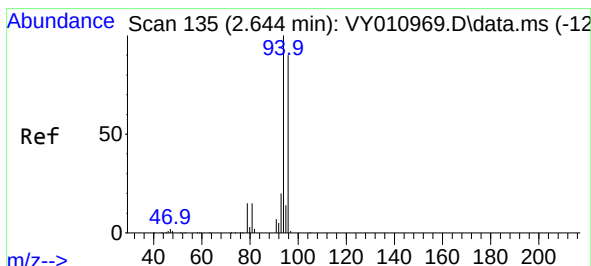
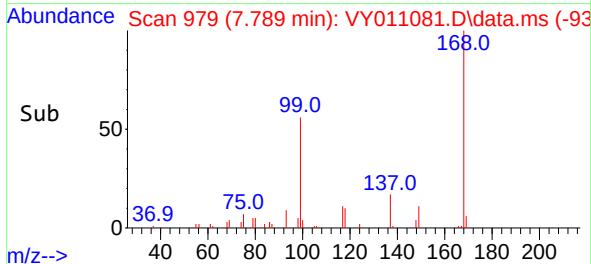
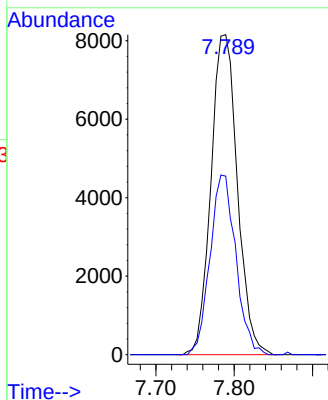
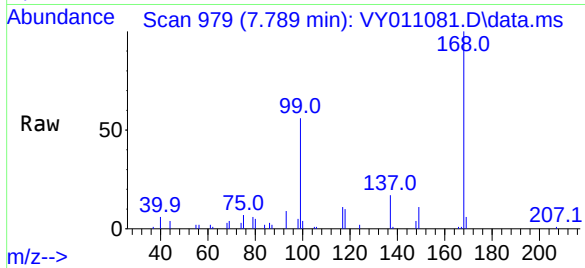




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011081.D
Acq: 24 Oct 2022 19:45

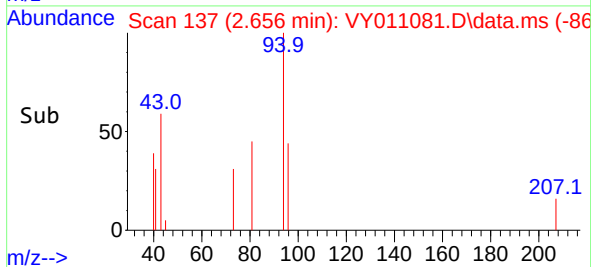
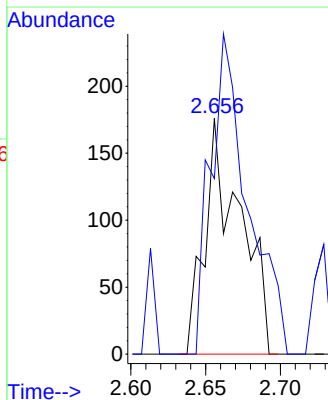
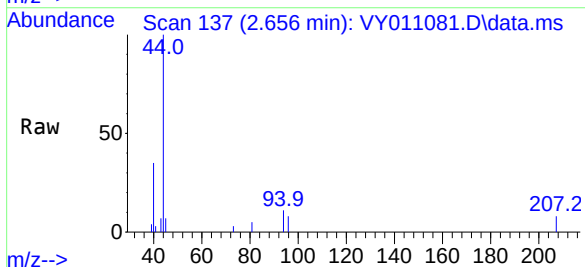
Instrument :
MSVOA_Y
ClientSampleId :
SB-H1-14.5-15.0

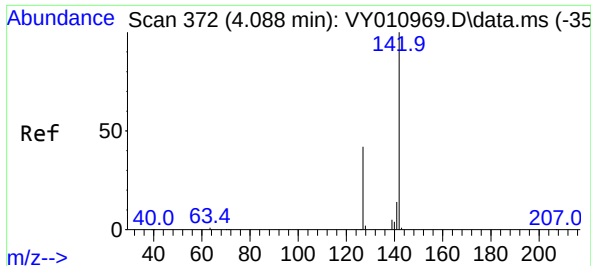
Tgt Ion:168 Resp: 19109
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#5
Bromomethane
Concen: 2.034 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY011081.D
Acq: 24 Oct 2022 19:45

Tgt Ion: 94 Resp: 290
Ion Ratio Lower Upper
94 100
96 74.4 73.5 110.3

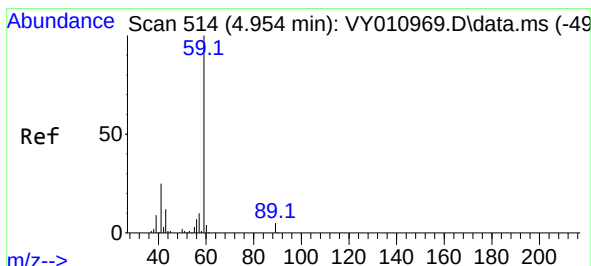
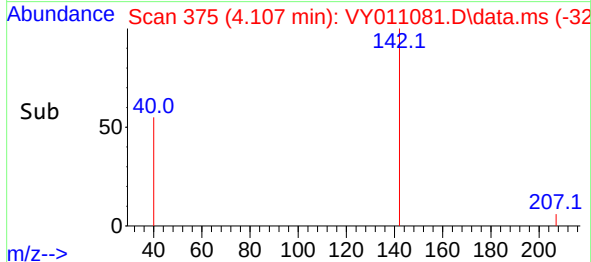
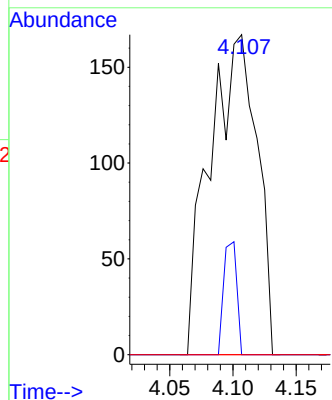
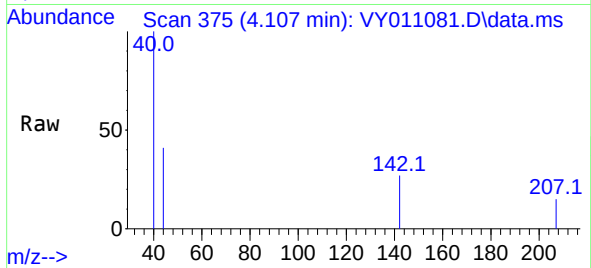




#10
Methyl Iodide
Concen: 1.879 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY011081.D
Acq: 24 Oct 2022 19:45

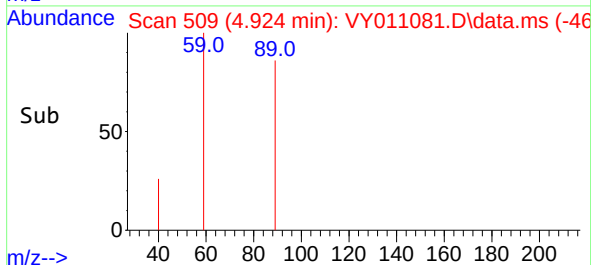
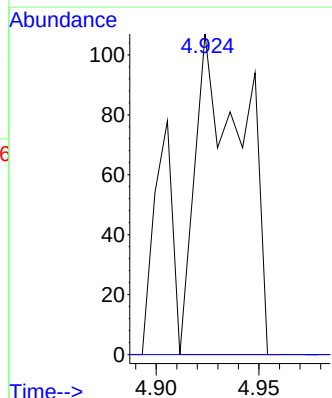
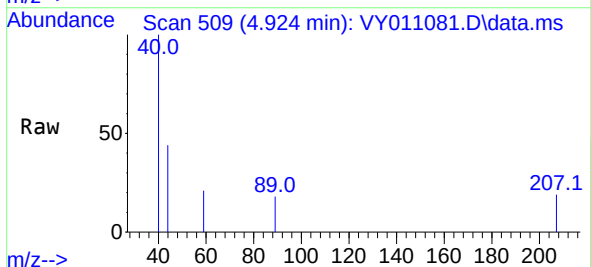
Instrument :
MSVOA_Y
ClientSampleId :
SB-H1-14.5-15.0

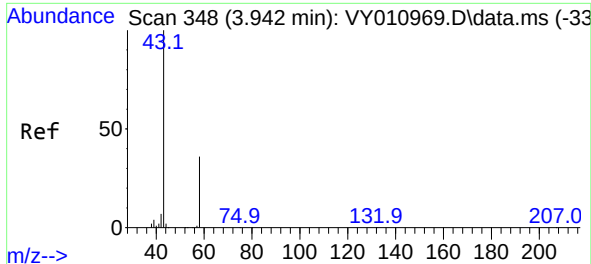
Tgt Ion:142 Resp: 435
Ion Ratio Lower Upper
142 100
127 9.7 41.5 62.3#
141 0.0 11.9 17.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY011081.D
Acq: 24 Oct 2022 19:45

Tgt Ion: 59 Resp: 173
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 8.060 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY011081.D

Acq: 24 Oct 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

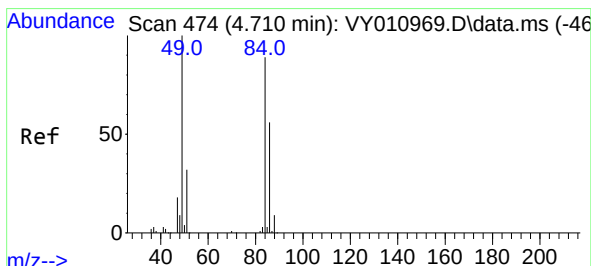
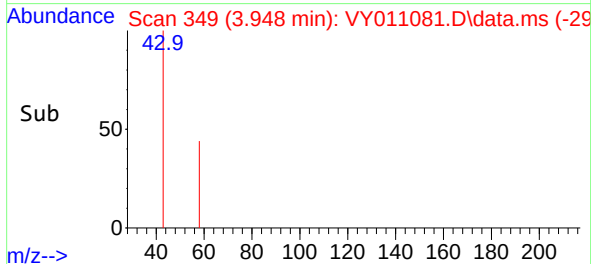
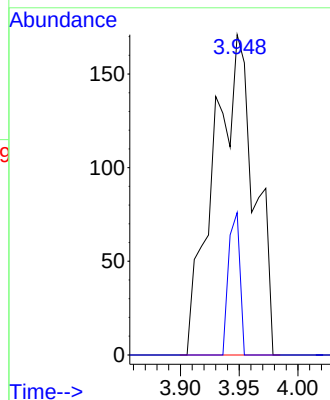
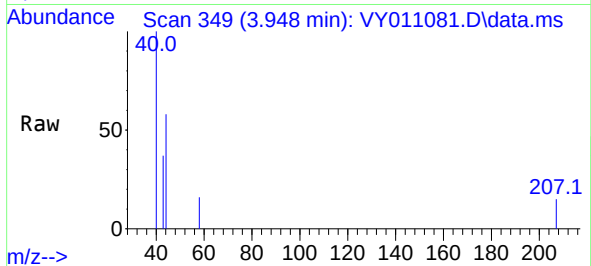
SB-H1-14.5-15.0

Tgt Ion: 43 Resp: 412

Ion Ratio Lower Upper

43 100

58 44.4 22.0 33.0#



#20

Methylene Chloride

Concen: 5.908 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY011081.D

Acq: 24 Oct 2022 19:45

Tgt Ion: 84 Resp: 2557

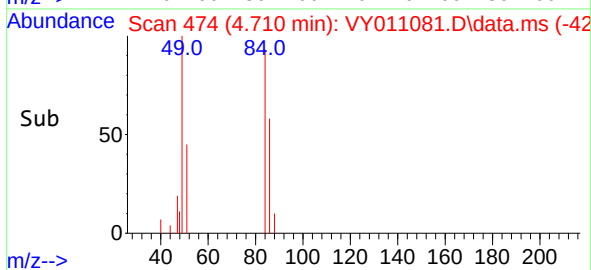
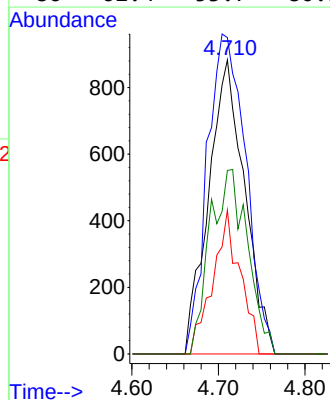
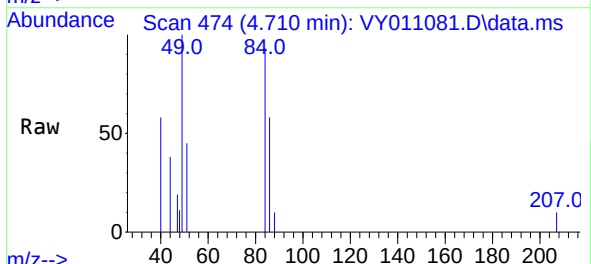
Ion Ratio Lower Upper

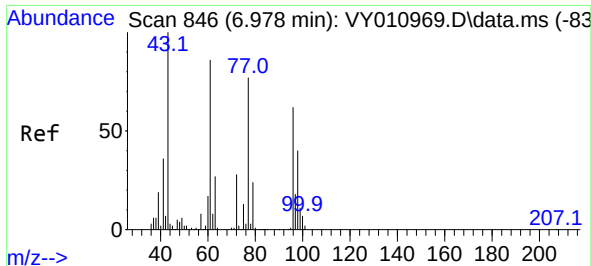
84 100

49 107.6 114.4 171.6#

51 48.9 35.3 52.9

86 62.4 53.7 80.5

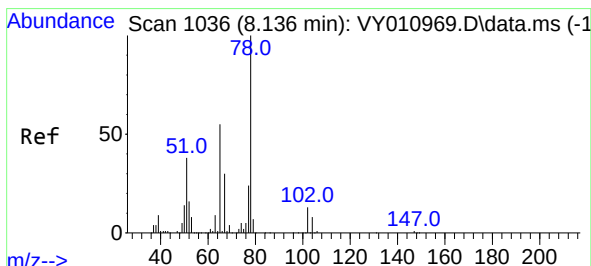
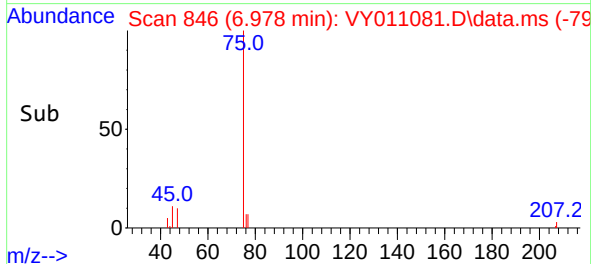
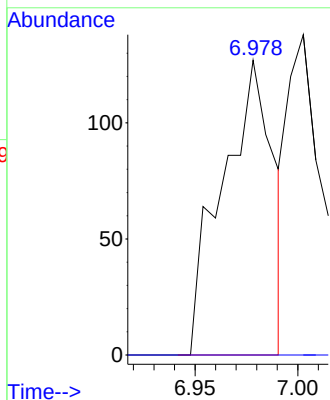
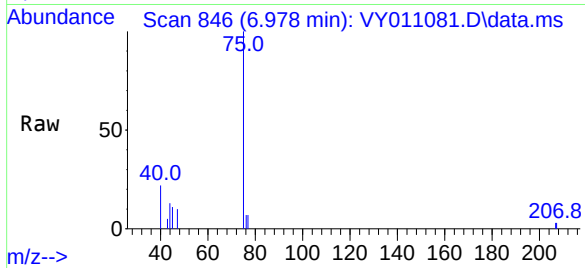




#25
2-Butanone
Concen: 2.812 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011081.D
Acq: 24 Oct 2022 19:45

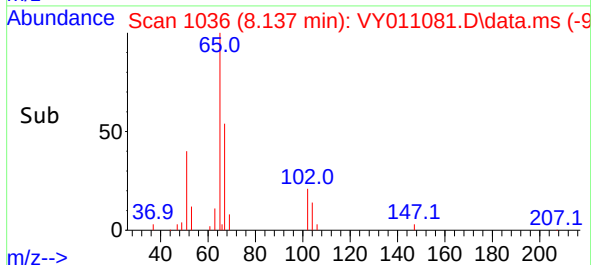
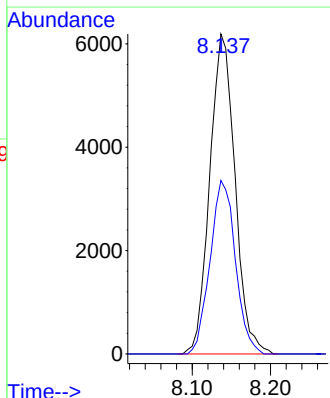
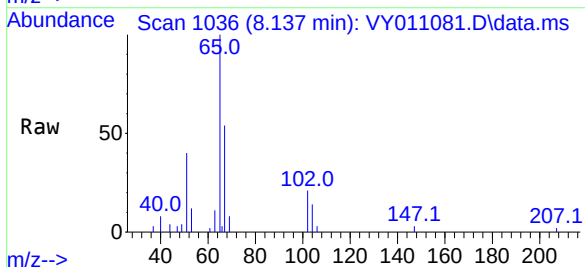
Instrument :
MSVOA_Y
ClientSampleId :
SB-H1-14.5-15.0

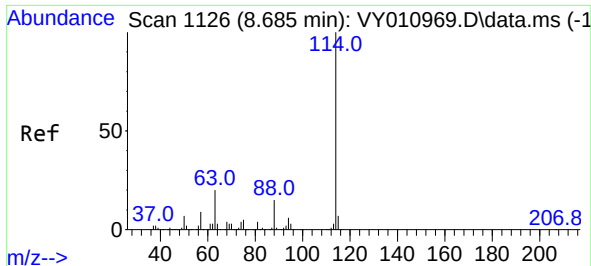
Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 78.661 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011081.D
Acq: 24 Oct 2022 19:45

Tgt Ion: 65 Resp: 13846
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: VY011081.D

Acq: 24 Oct 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-H1-14.5-15.0

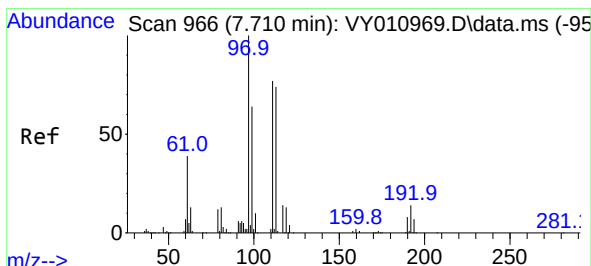
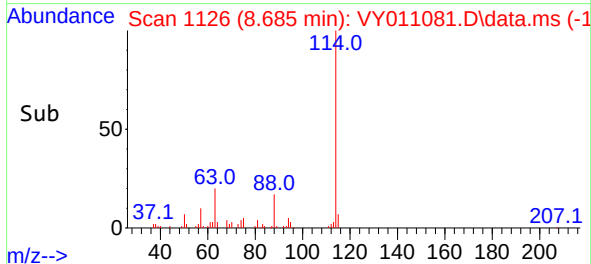
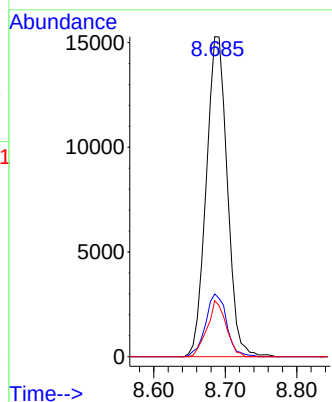
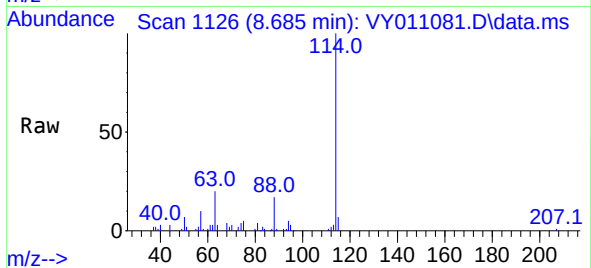
Tgt Ion:114 Resp: 31275

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 17.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 72.463 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011081.D

Acq: 24 Oct 2022 19:45

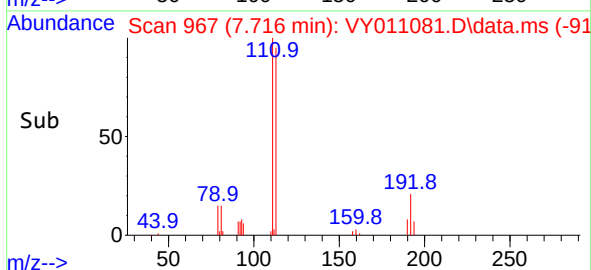
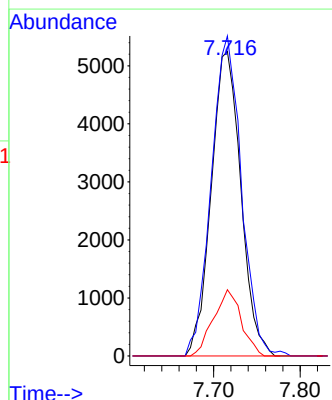
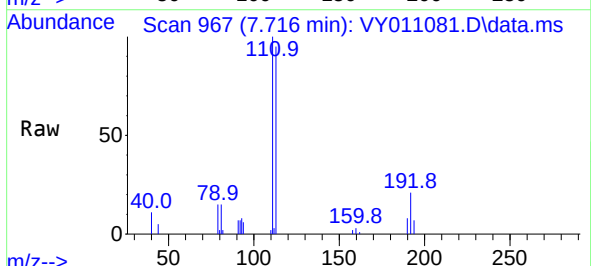
Tgt Ion:113 Resp: 12464

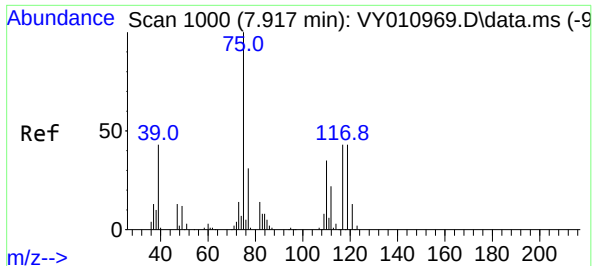
Ion Ratio Lower Upper

113 100

111 106.9 82.6 124.0

192 20.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.341 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011081.D

Acq: 24 Oct 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-H1-14.5-15.0

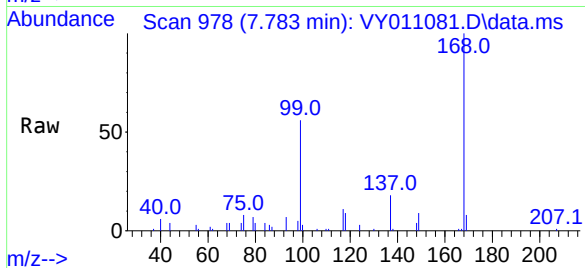
Tgt Ion: 75 Resp: 1555

Ion Ratio Lower Upper

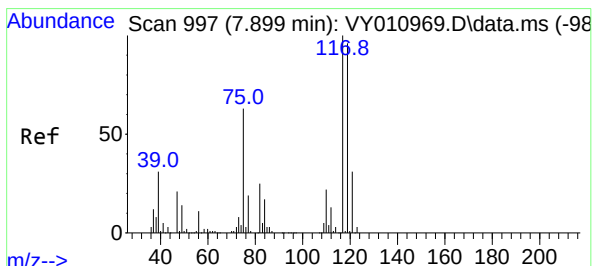
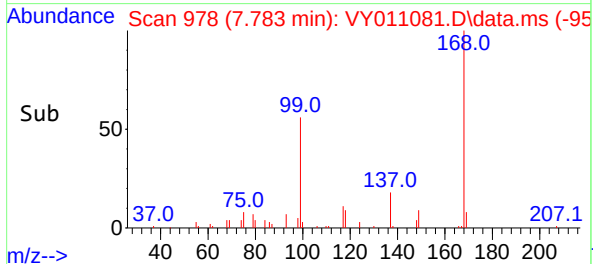
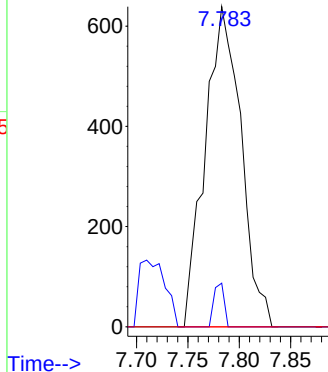
75 100

110 3.9 17.1 51.2#

77 0.0 24.4 36.6#



Abundance



#38

Carbon Tetrachloride

Concen: 6.608 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011081.D

Acq: 24 Oct 2022 19:45

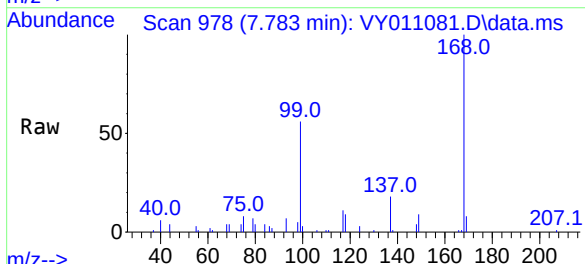
Tgt Ion: 117 Resp: 1986

Ion Ratio Lower Upper

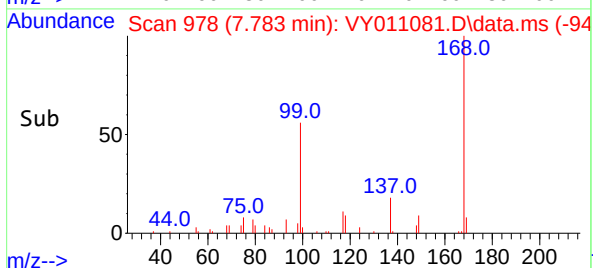
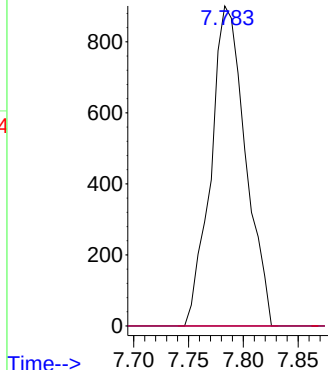
117 100

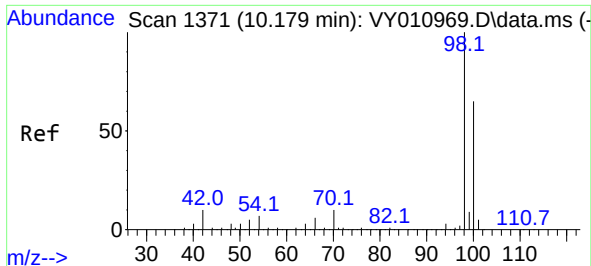
119 0.0 77.9 116.9#

121 0.0 24.8 37.2#



Abundance

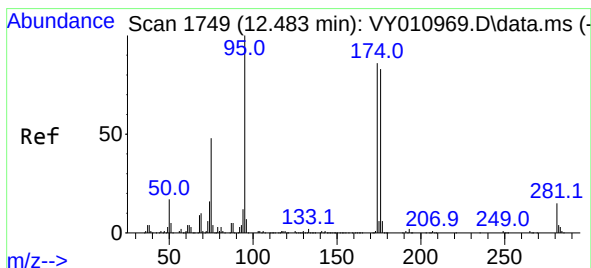
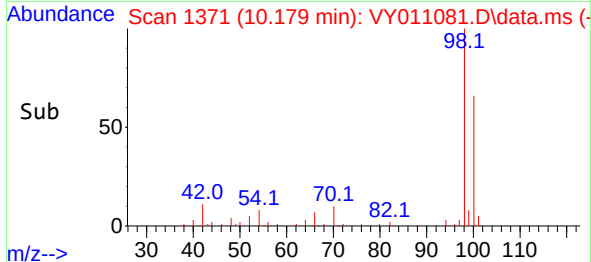
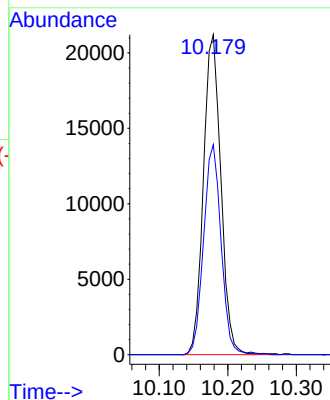
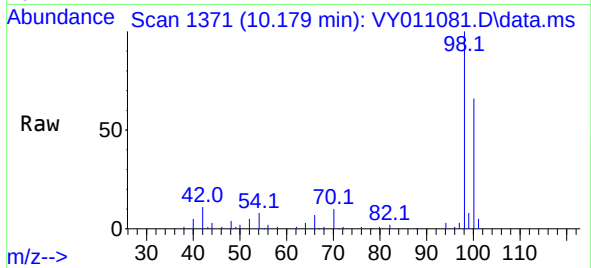




#50
Toluene-d8
Concen: 57.784 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011081.D
Acq: 24 Oct 2022 19:45

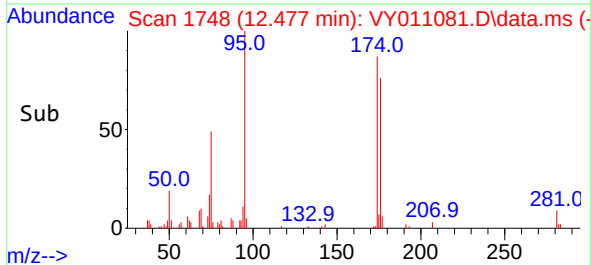
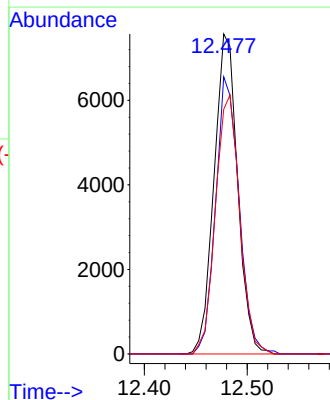
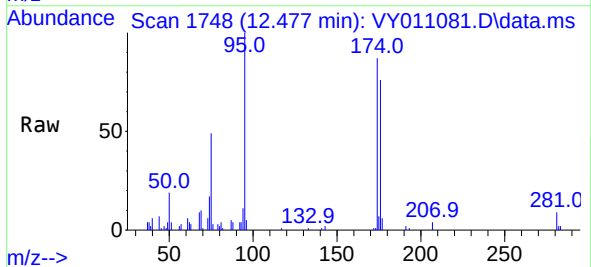
Instrument :
MSVOA_Y
ClientSampleId :
SB-H1-14.5-15.0

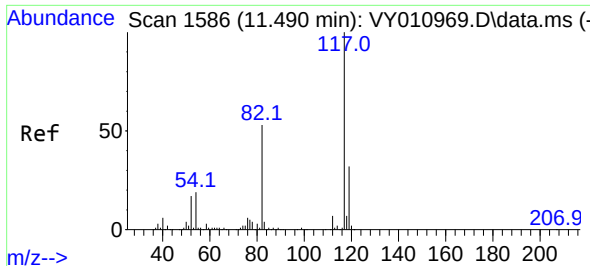
Tgt Ion: 98 Resp: 37734
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.280 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011081.D
Acq: 24 Oct 2022 19:45

Tgt Ion: 95 Resp: 12061
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 83.0 0.0 175.8

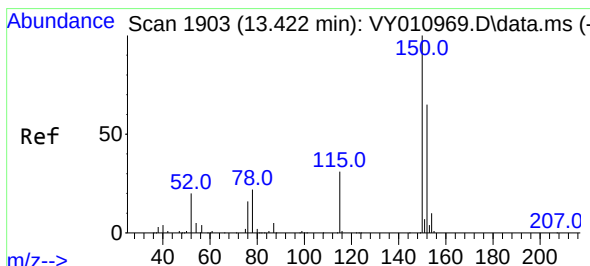
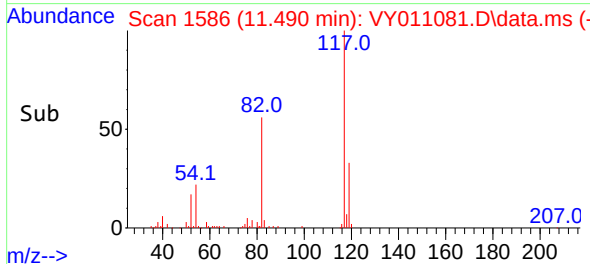
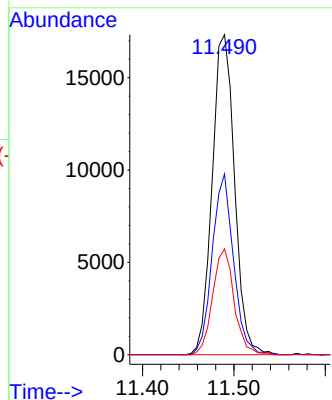
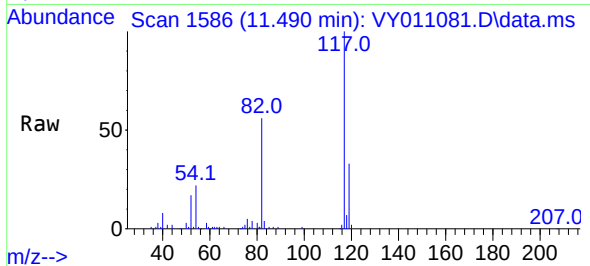




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011081.D
Acq: 24 Oct 2022 19:45

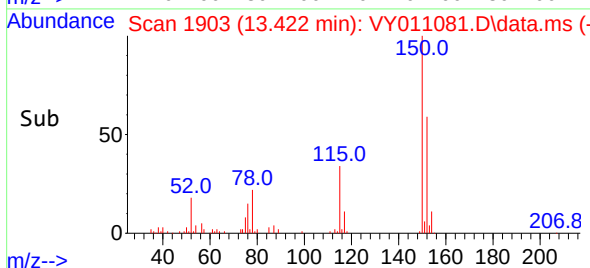
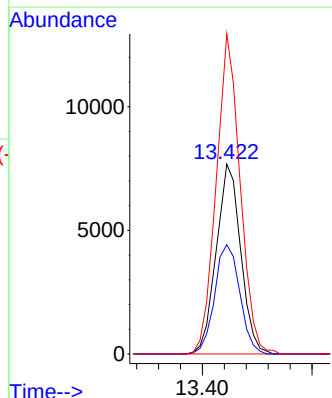
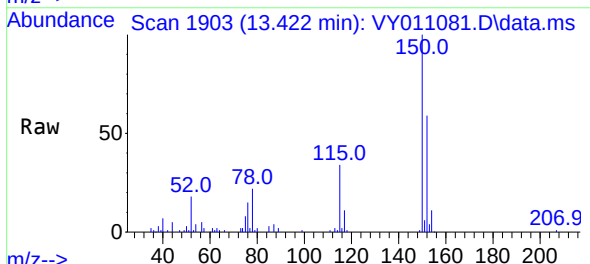
Instrument :
MSVOA_Y
ClientSampleId :
SB-H1-14.5-15.0

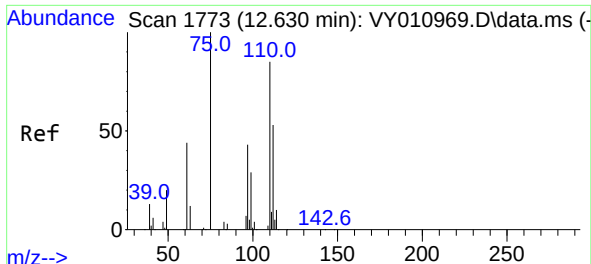
Tgt Ion:117	Resp:	29534
Ion	Ratio	Lower Upper
117	100	
82	56.4	43.0 64.4
119	33.0	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011081.D
Acq: 24 Oct 2022 19:45

Tgt Ion:152	Resp:	11903
Ion	Ratio	Lower Upper
152	100	
115	59.1	28.2 84.7
150	164.6	0.0 347.6

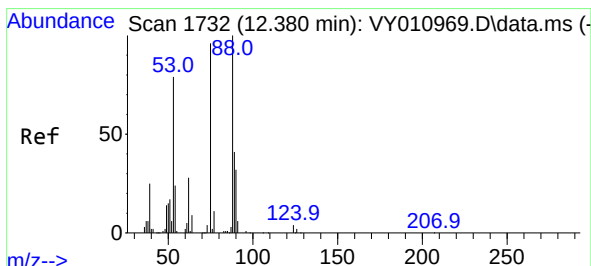
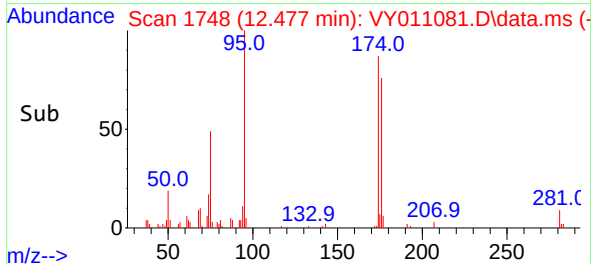
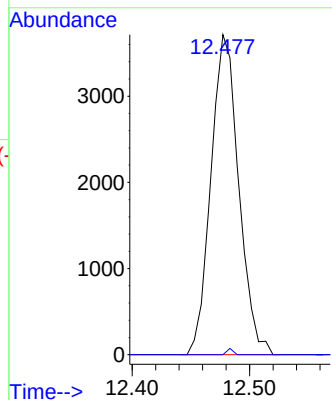
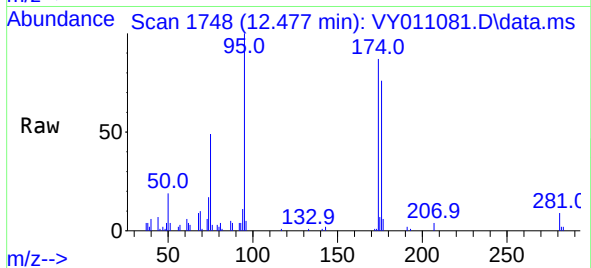




#76
1,2,3-Trichloropropane
Concen: 45.273 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011081.D
Acq: 24 Oct 2022 19:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-H1-14.5-15.0

Tgt Ion: 75 Resp: 6118
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.369 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011081.D
Acq: 24 Oct 2022 19:45

Tgt Ion: 75 Resp: 6118
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

