

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011522.D
 Acq On : 21 Nov 2022 14:29
 Operator : KP/MD
 Sample : N5678-17
 Misc : 6.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:45:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

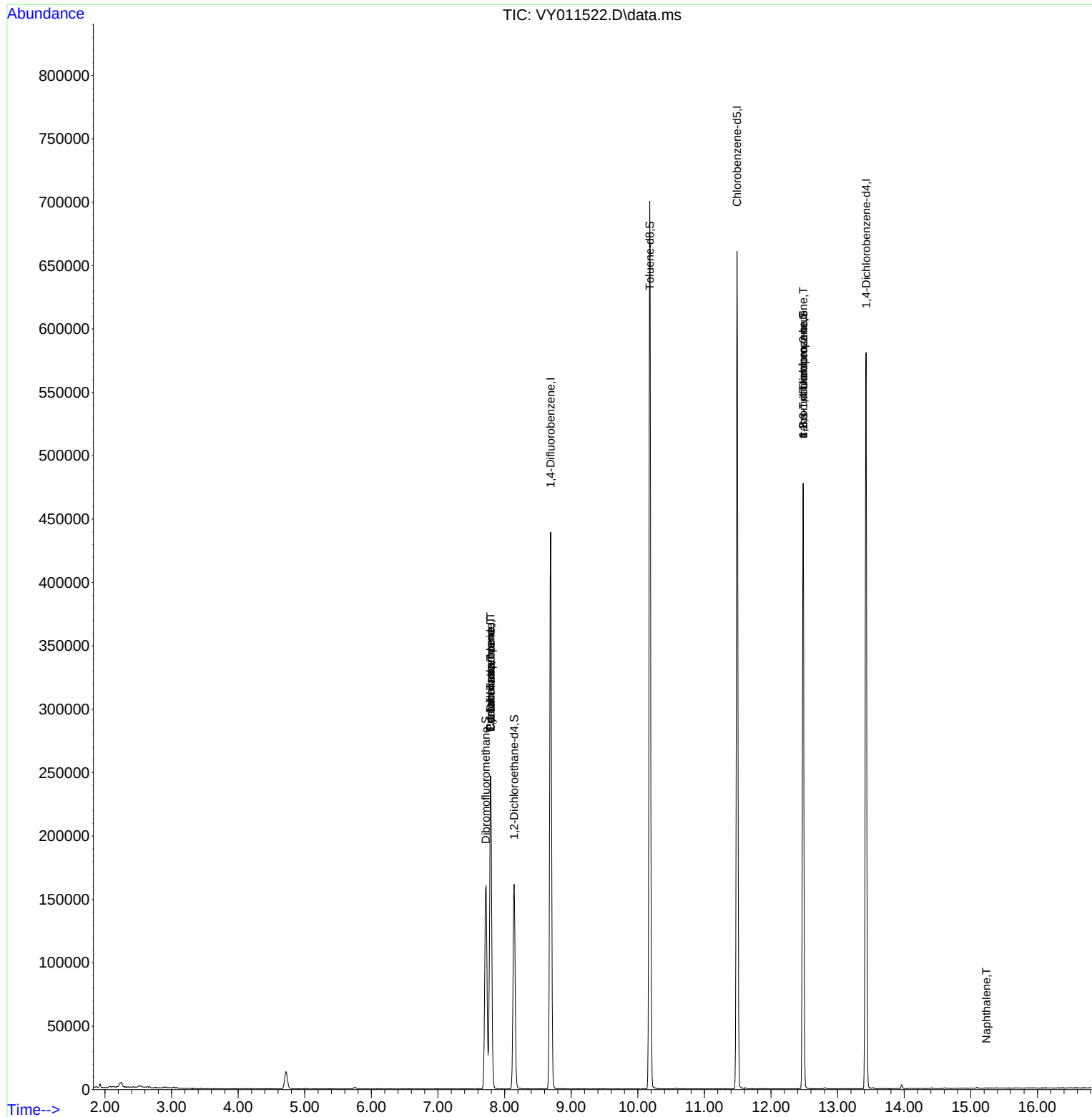
Internal Standards						
1) Pentafluorobenzene	7.789	168	185550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	359959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	340827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	125678	66.706	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.420%			
35) Dibromofluoromethane	7.716	113	115357	52.059	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.120%			
50) Toluene-d8	10.179	98	444487	55.200	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.400%			
62) 4-Bromofluorobenzene	12.483	95	139393	46.820	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.640%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	268	Below Cal	#	86
5) Bromomethane	2.662	94	275	Below Cal	#	80
18) Methyl Acetate	4.491	43	55	Below Cal	#	56
20) Methylene Chloride	4.722	84	9981	Below Cal		87
31) Cyclohexane	7.789	56	3914	1.253	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14638	4.226	ug/l #	51
38) Carbon Tetrachloride	7.789	117	19004	4.904	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	74492	46.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74492	102.902	ug/l #	7
95) Naphthalene	15.233	128	362	4.084	ug/l #	69

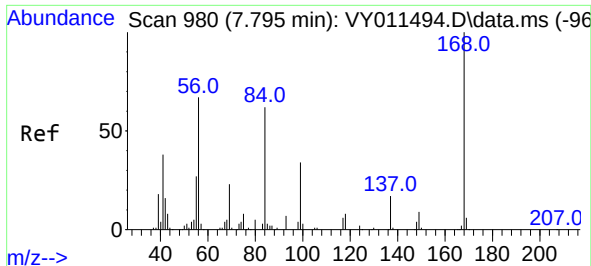
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
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Quant Title : SW846 8260
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Response via : Initial Calibration

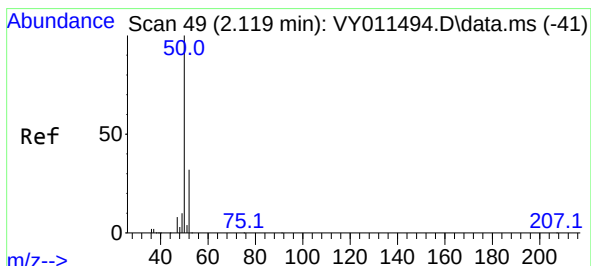
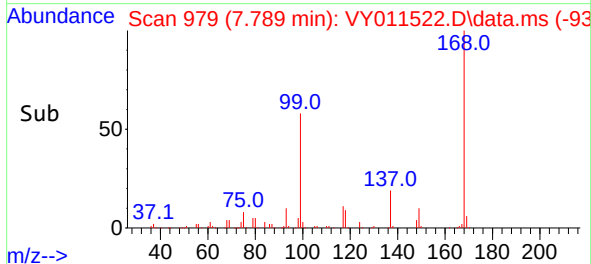
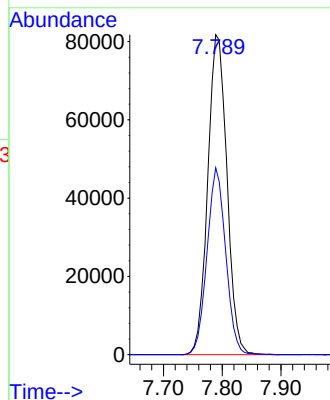
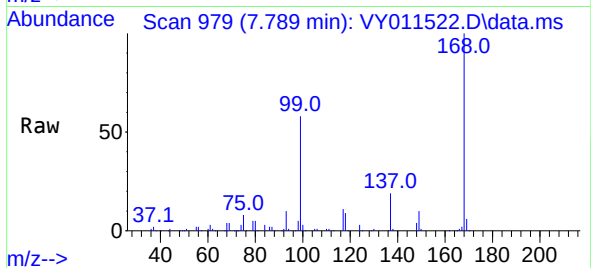




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011522.D
Acq: 21 Nov 2022 14:29

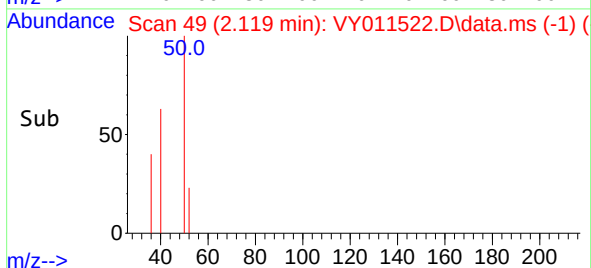
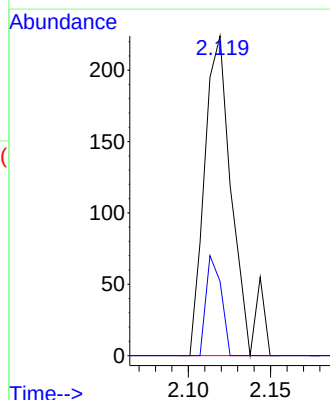
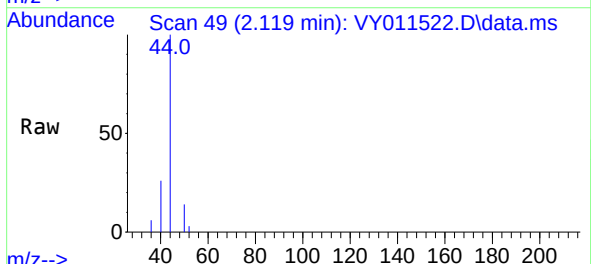
Instrument :
MSVOA_Y
ClientSampleId :

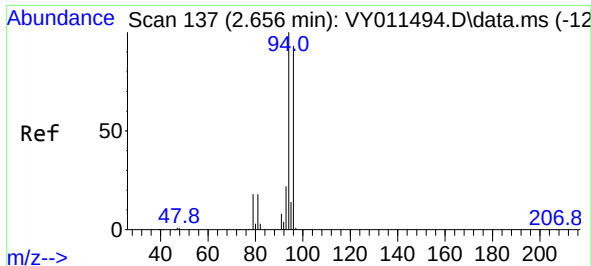
Tgt Ion:168 Resp: 185550
Ion Ratio Lower Upper
168 100
99 58.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011522.D
Acq: 21 Nov 2022 14:29

Tgt Ion: 50 Resp: 268
Ion Ratio Lower Upper
50 100
52 23.2 24.6 37.0#

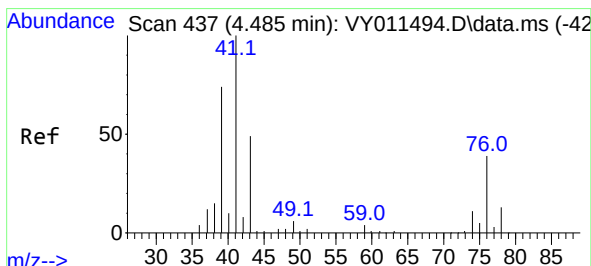
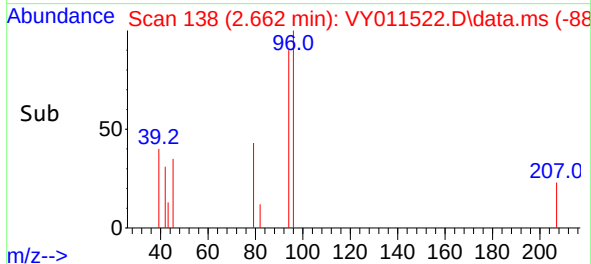
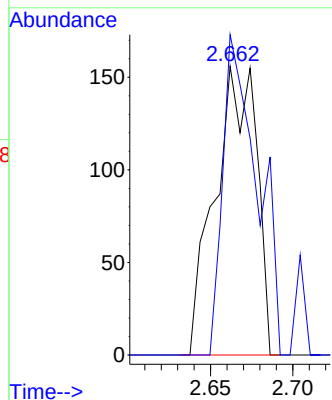
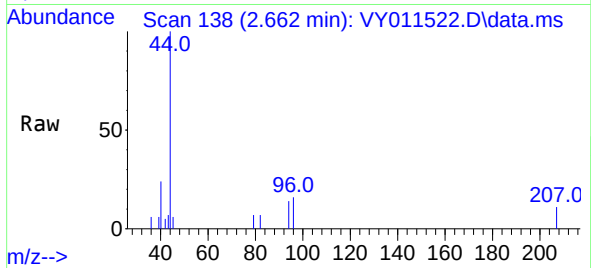




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011522.D
Acq: 21 Nov 2022 14:29

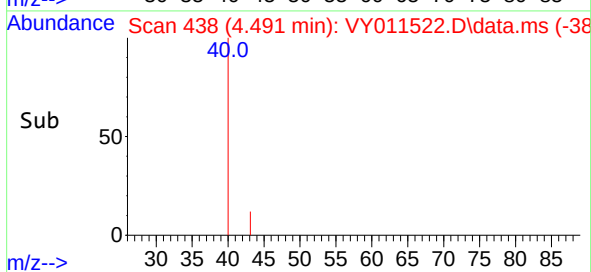
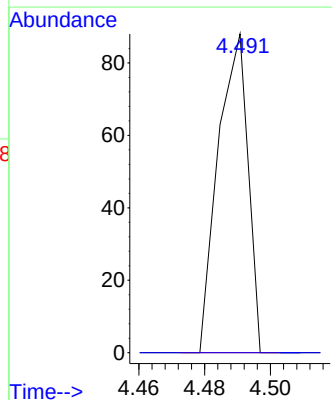
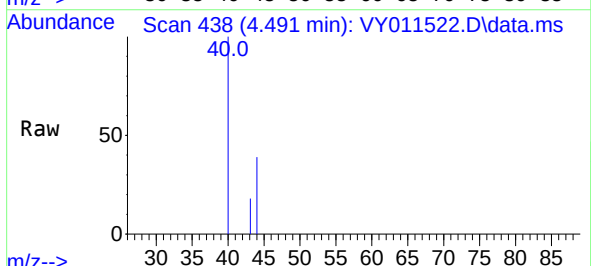
Instrument :
MSVOA_Y
ClientSampleId :

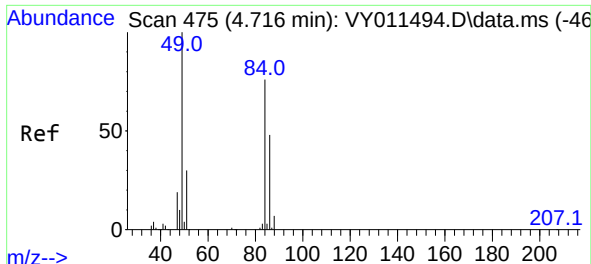
Tgt Ion: 94 Resp: 275
Ion Ratio Lower Upper
94 100
96 110.9 73.5 110.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY011522.D
Acq: 21 Nov 2022 14:29

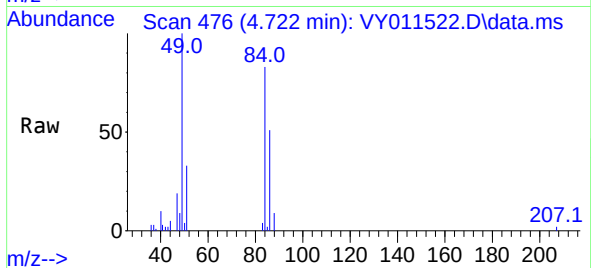
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





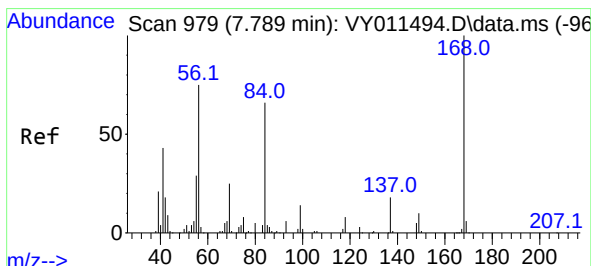
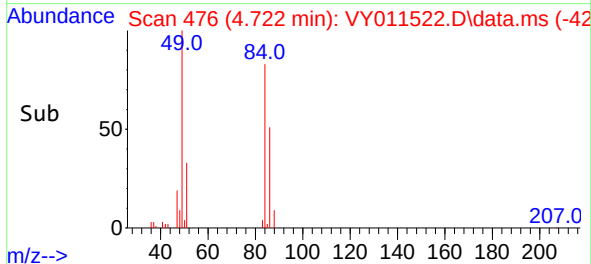
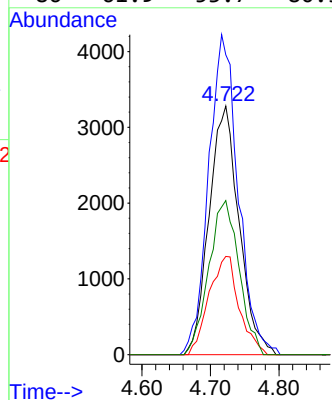
#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011522.D
Acq: 21 Nov 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 9981

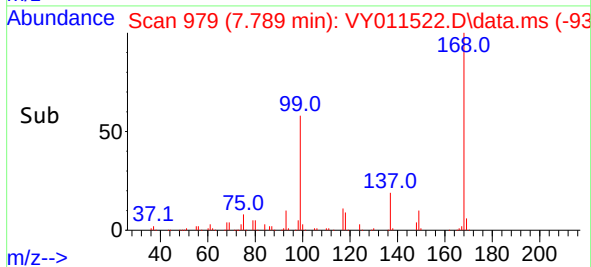
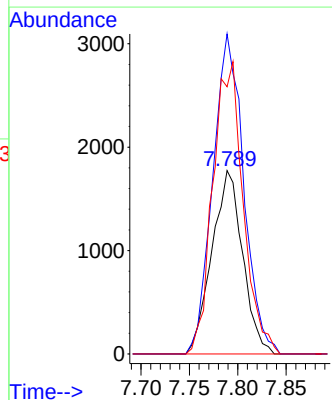
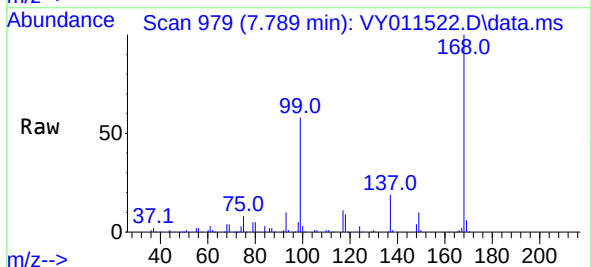
Ion	Ratio	Lower	Upper
84	100		
49	120.6	114.4	171.6
51	39.5	35.3	52.9
86	61.9	53.7	80.5

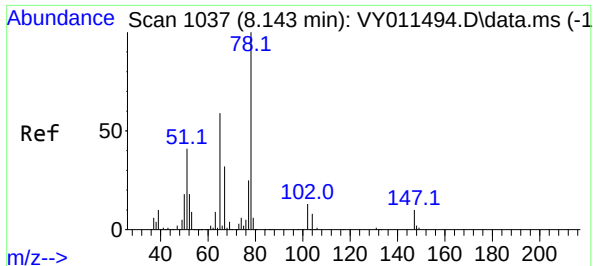


#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY011522.D
Acq: 21 Nov 2022 14:29

Tgt Ion: 56 Resp: 3914

Ion	Ratio	Lower	Upper
56	100		
69	174.5	26.7	40.1#
84	145.7	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 66.706 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011522.D

Acq: 21 Nov 2022 14:29

Instrument :

MSVOA_Y

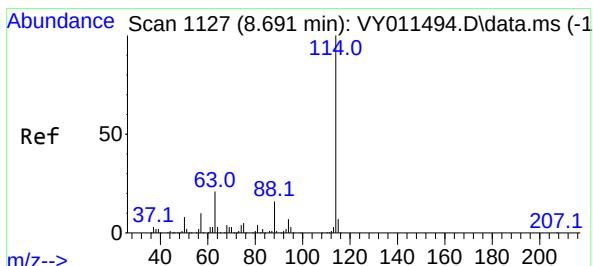
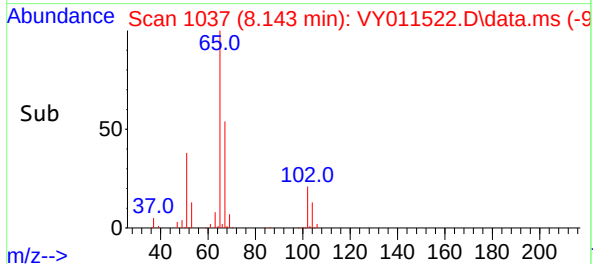
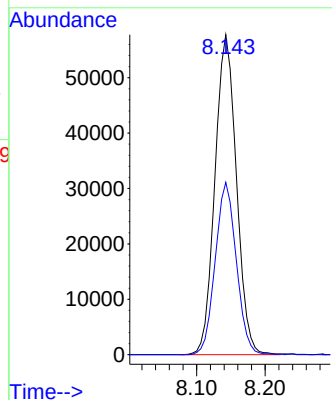
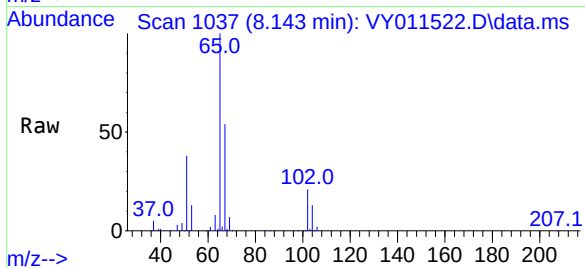
ClientSampleId :

Tgt Ion: 65 Resp: 125678

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011522.D

Acq: 21 Nov 2022 14:29

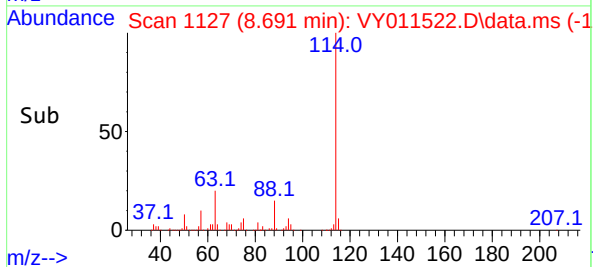
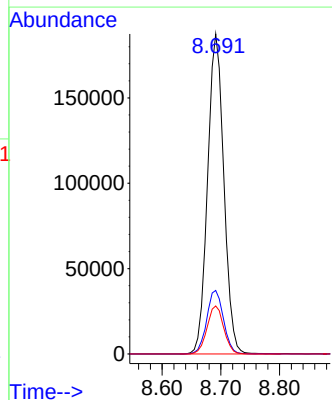
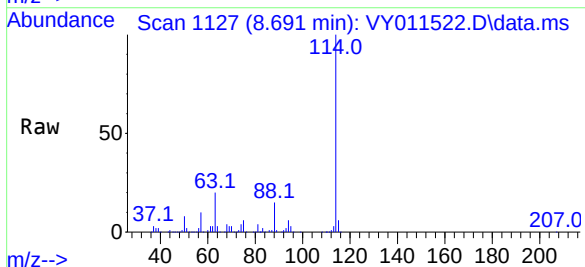
Tgt Ion: 114 Resp: 359959

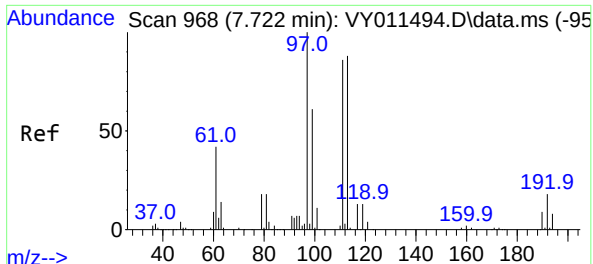
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

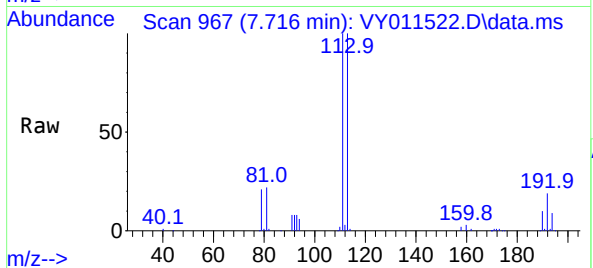
88 15.0 0.0 31.8



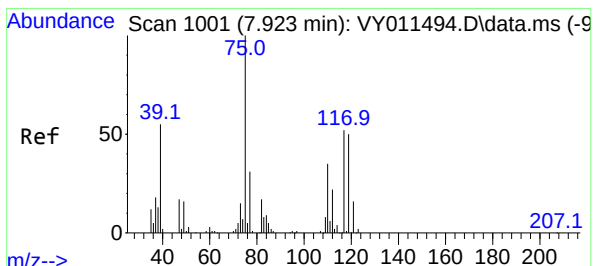
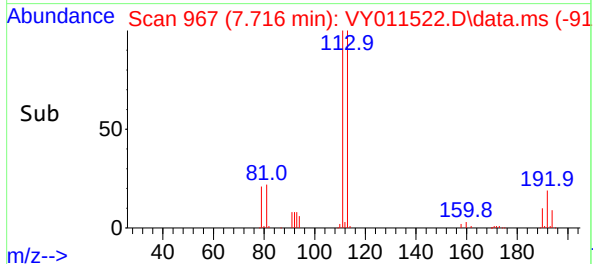
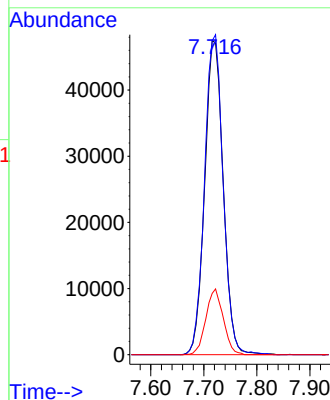


#35
Dibromofluoromethane
Concen: 52.059 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011522.D
Acq: 21 Nov 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :

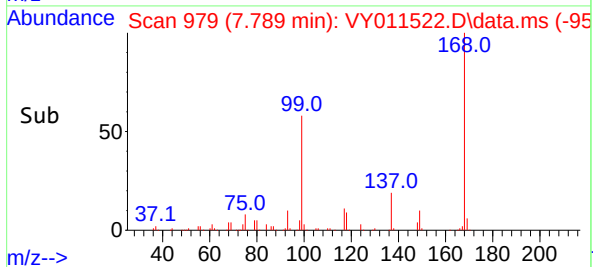
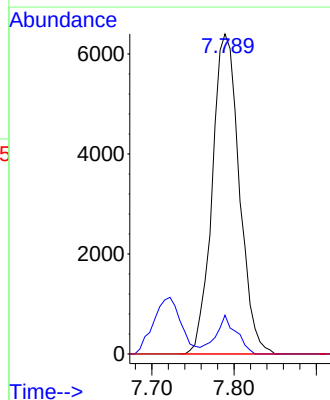
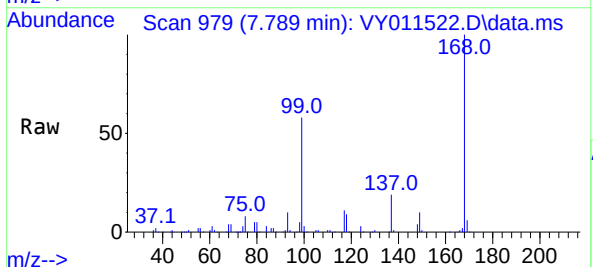


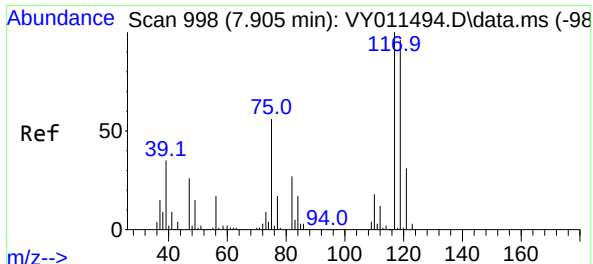
Tgt Ion:113 Resp: 115357
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.226 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011522.D
Acq: 21 Nov 2022 14:29

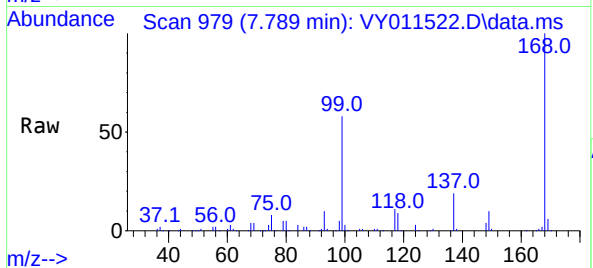
Tgt Ion: 75 Resp: 14638
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



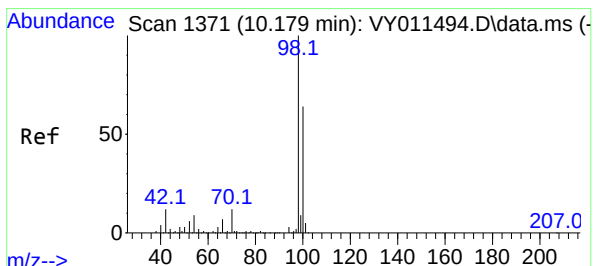
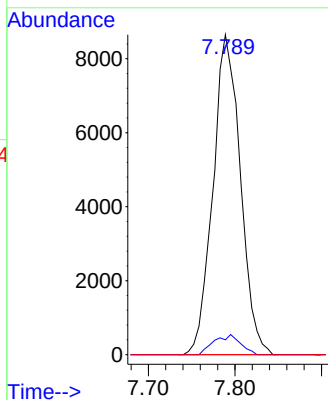
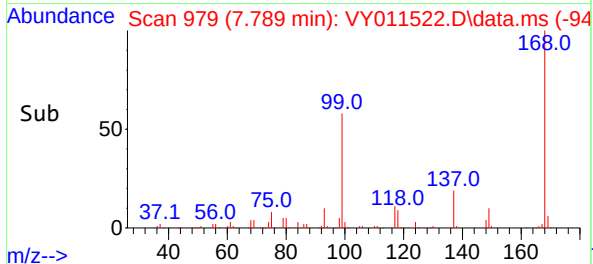


#38
Carbon Tetrachloride
Concen: 4.904 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011522.D
Acq: 21 Nov 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :

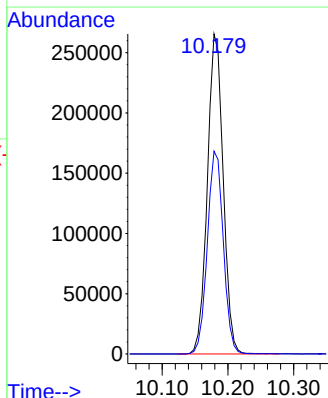
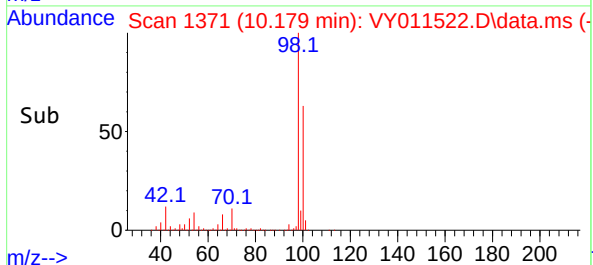
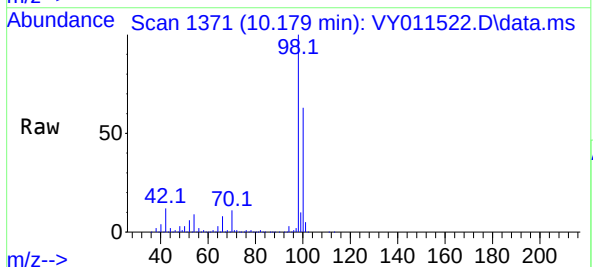


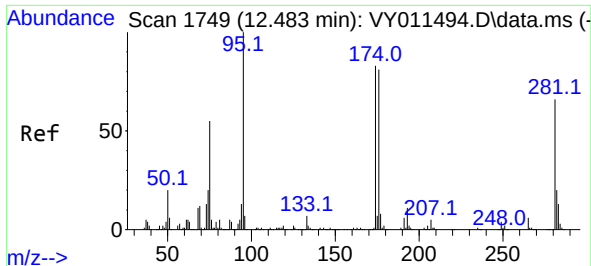
Tgt Ion:117 Resp: 19004
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.200 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011522.D
Acq: 21 Nov 2022 14:29

Tgt Ion: 98 Resp: 444487
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 46.820 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011522.D

Acq: 21 Nov 2022 14:29

Instrument :

MSVOA_Y

ClientSampleId :

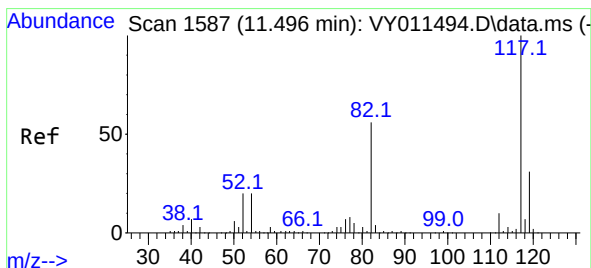
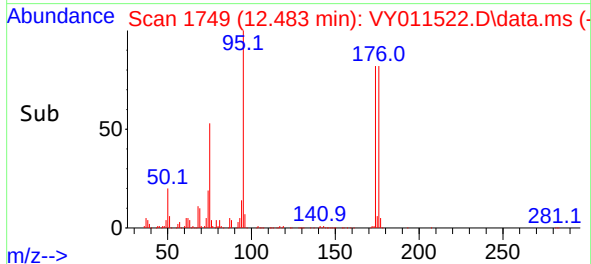
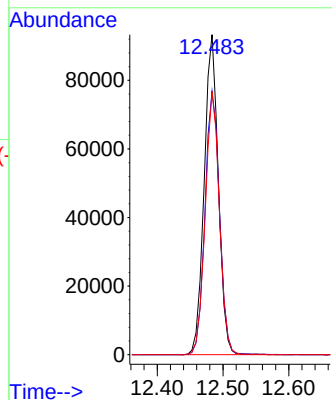
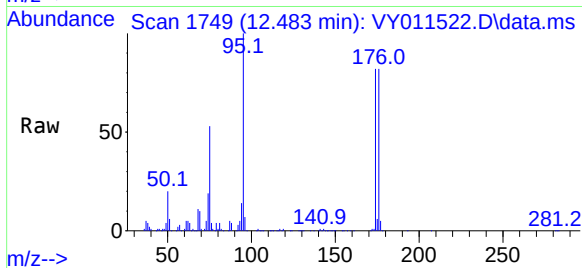
Tgt Ion: 95 Resp: 139393

Ion Ratio Lower Upper

95 100

174 84.7 0.0 177.0

176 82.6 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.007 min

Lab File: VY011522.D

Acq: 21 Nov 2022 14:29

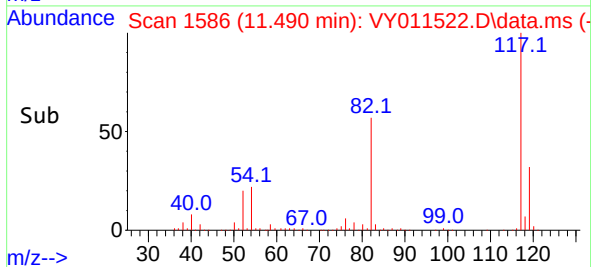
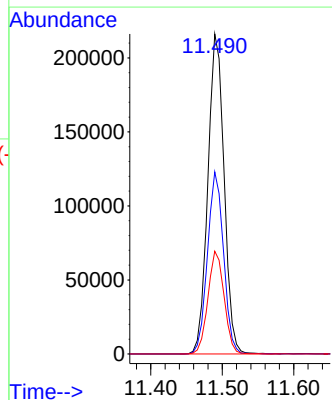
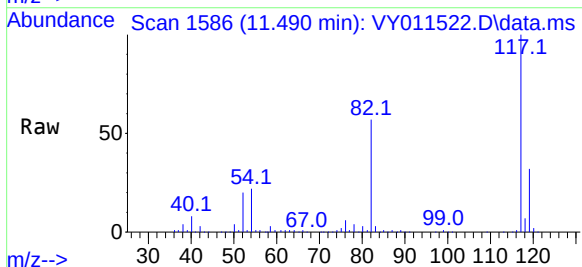
Tgt Ion: 117 Resp: 340827

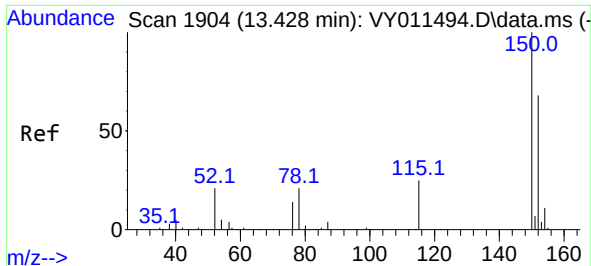
Ion Ratio Lower Upper

117 100

82 56.9 43.0 64.4

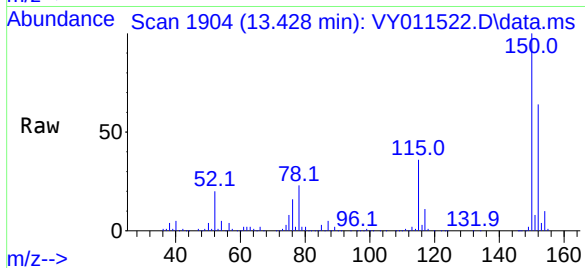
119 32.1 25.4 38.0



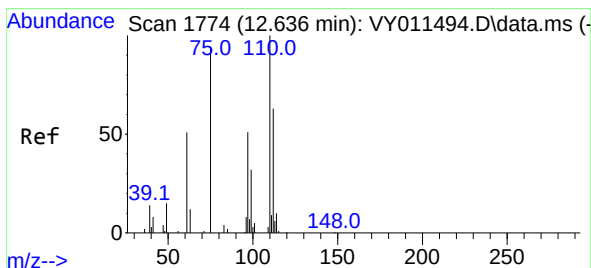
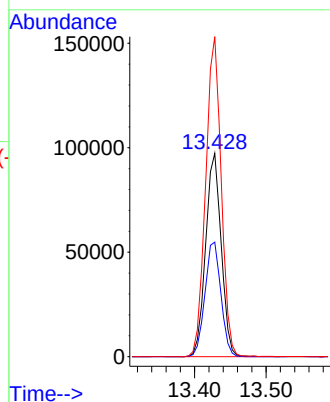
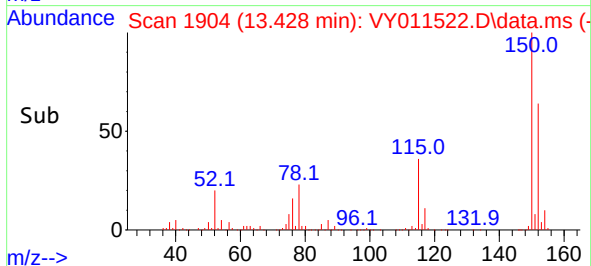


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011522.D
 Acq: 21 Nov 2022 14:29

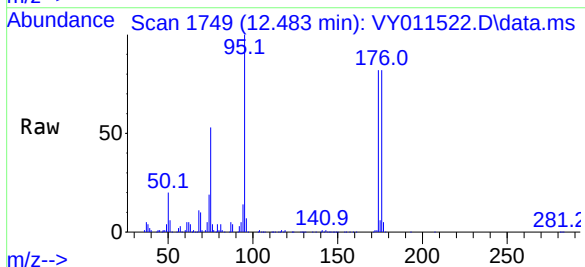
Instrument :
 MSVOA_Y
 ClientSampleId :



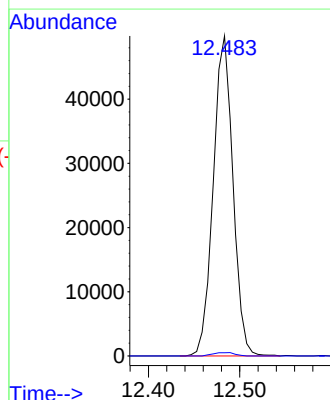
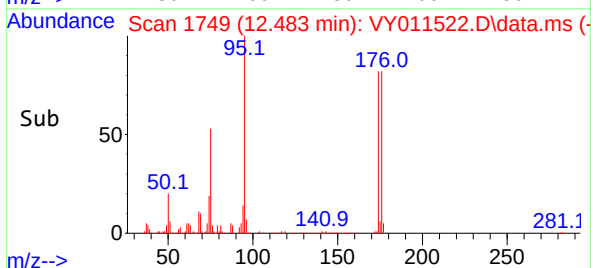
Tgt Ion:152 Resp: 147234
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 157.2 0.0 347.6

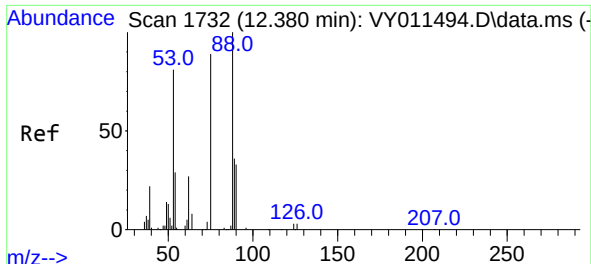


#76
 1,2,3-Trichloropropane
 Concen: 46.980 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011522.D
 Acq: 21 Nov 2022 14:29



Tgt Ion: 75 Resp: 74492
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

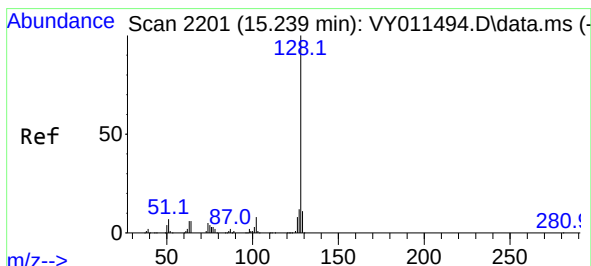
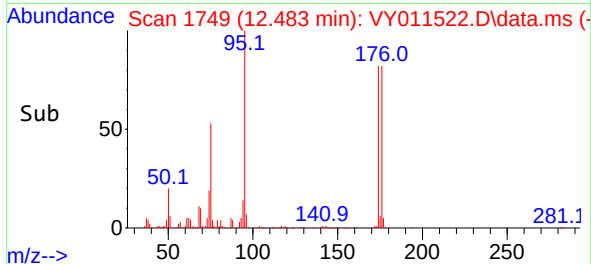
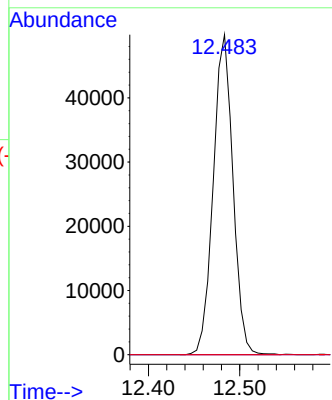
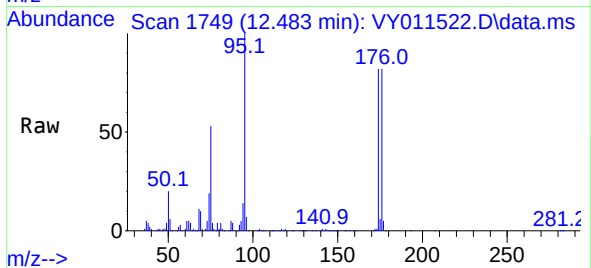




#81
trans-1,4-Dichloro-2-butene
Concen: 102.902 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011522.D
Acq: 21 Nov 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 74492
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.084 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY011522.D
Acq: 21 Nov 2022 14:29

Tgt Ion:128 Resp: 362
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

