

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
 Data File : VY007499.D
 Acq On : 15 Feb 2022 12:17
 Operator : SY/MD
 Sample : VY0215SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 16 01:38:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

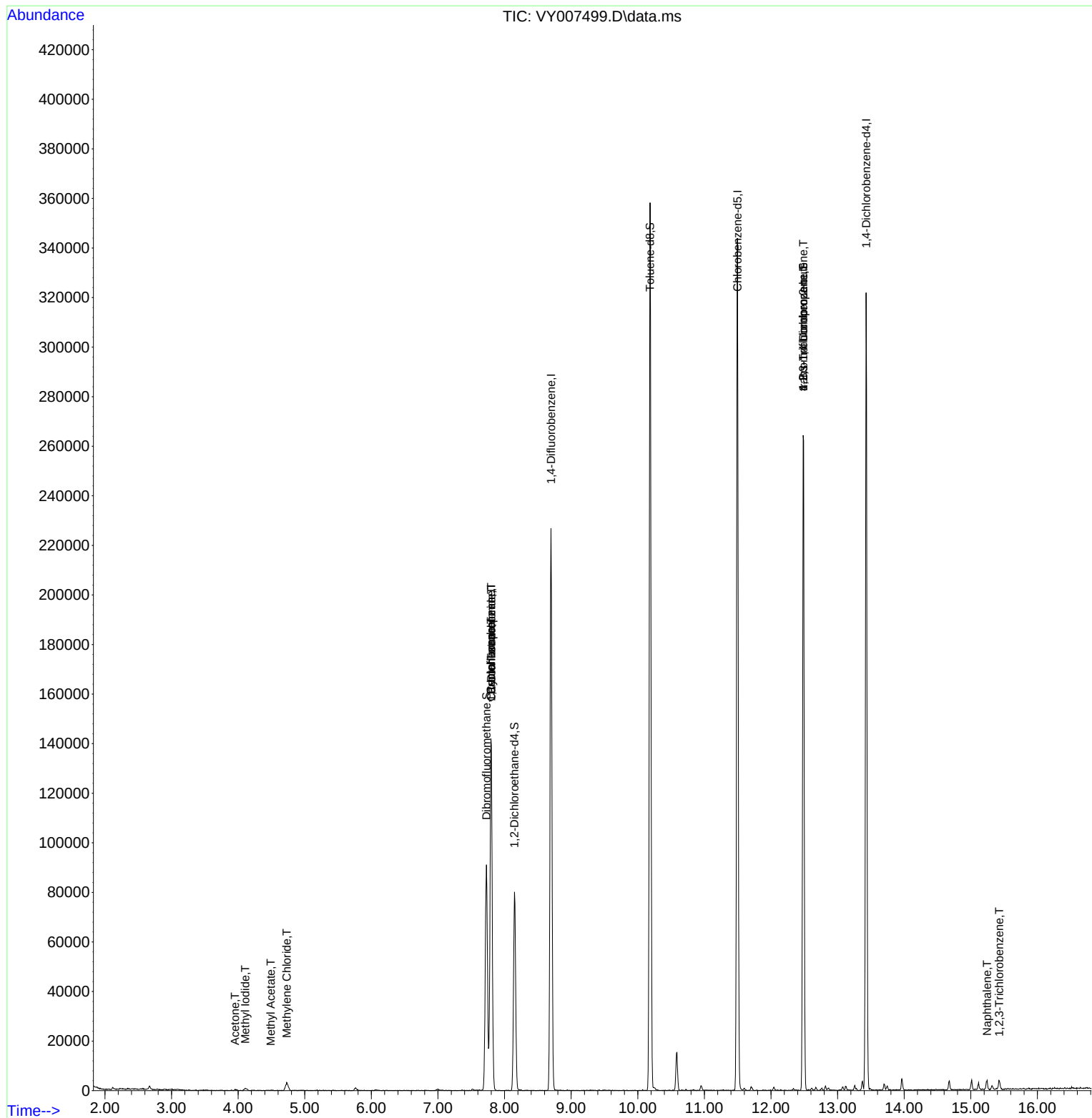
Internal Standards						
1) Pentafluorobenzene	7.795	168	107271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	197412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	186897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64156	54.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.340%	
35) Dibromofluoromethane	7.728	113	63744	51.203	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.400%	
50) Toluene-d8	10.185	98	237159	50.156	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.320%	
62) 4-Bromofluorobenzene	12.483	95	82161	51.245	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.500%	
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	828	Below Cal		97
5) Bromomethane	2.668	94	825	Below Cal	#	70
10) Methyl Iodide	4.107	142	1705	1.107	ug/l #	79
16) Acetone	3.954	43	681	2.167	ug/l	94
18) Methyl Acetate	4.491	43	331	1.803	ug/l #	56
20) Methylene Chloride	4.729	84	2503	1.944	ug/l #	78
31) Cyclohexane	7.795	56	2152	1.028	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	8161	4.046	ug/l #	52
38) Carbon Tetrachloride	7.801	117	11607	5.064	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	44763	49.010	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44763	101.864	ug/l #	7
95) Naphthalene	15.245	128	3400	1.011	ug/l	95
96) 1,2,3-Trichlorobenzene	15.428	180	1410	1.056	ug/l	93

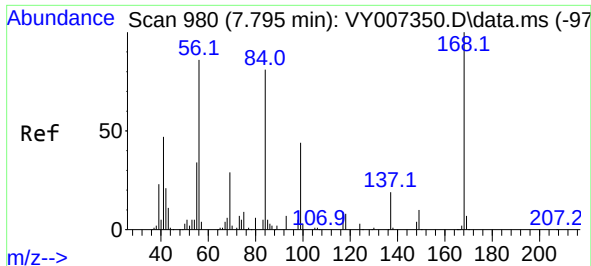
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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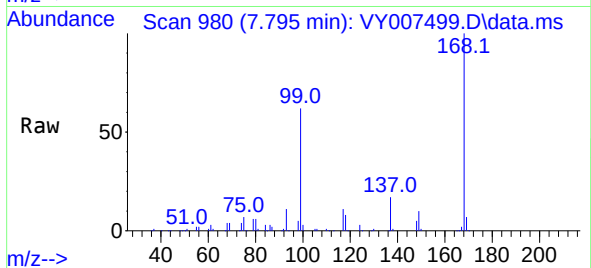
Quant Time: Feb 16 01:38:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
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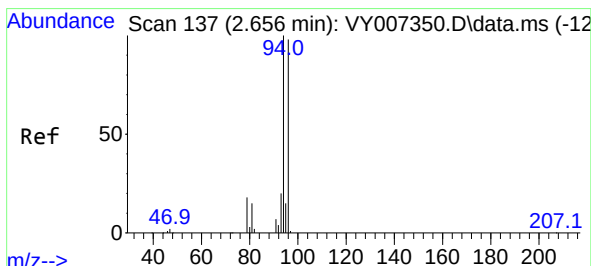
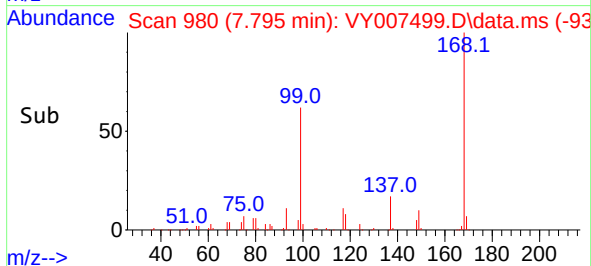
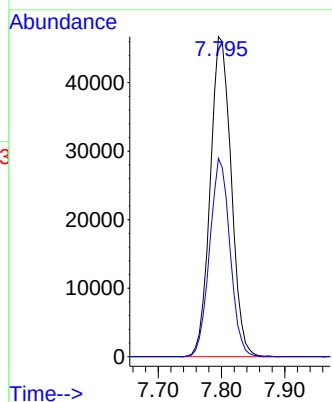


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

Instrument :
MSVOA_Y
ClientSampleId :

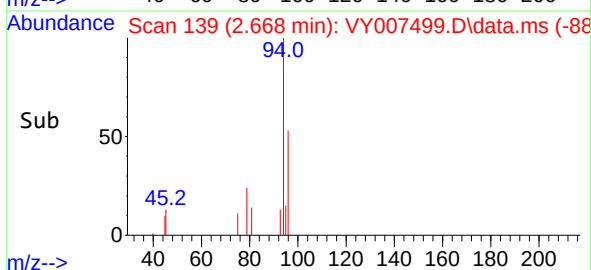
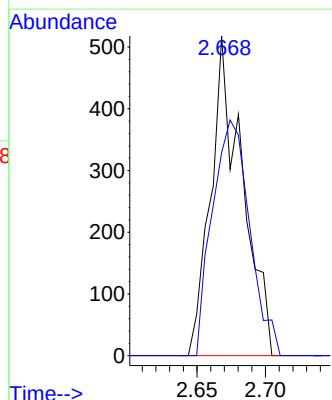
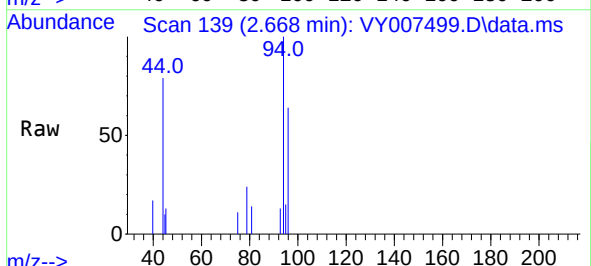


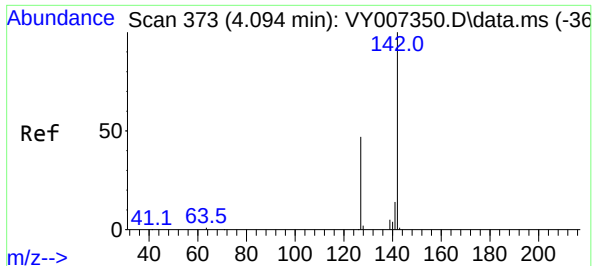
Tgt Ion:168 Resp: 107271
Ion Ratio Lower Upper
168 100
99 61.9 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

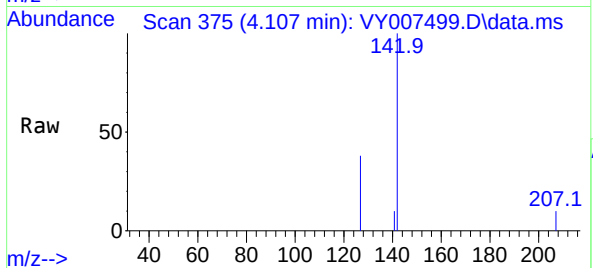
Tgt Ion: 94 Resp: 825
Ion Ratio Lower Upper
94 100
96 63.5 73.5 110.3#



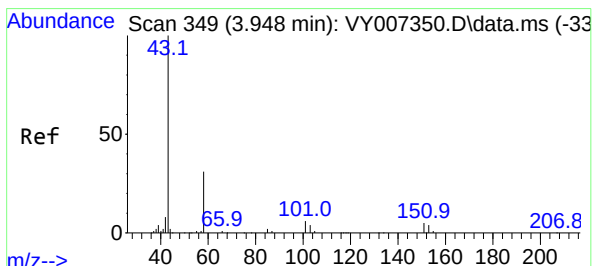
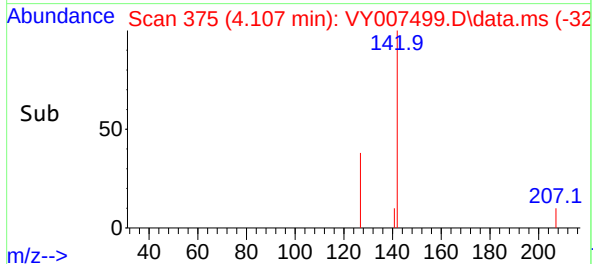
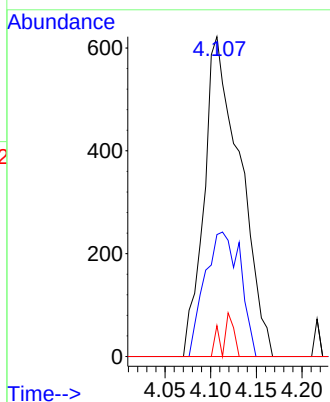


#10
Methyl Iodide
Concen: 1.107 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

Instrument :
MSVOA_Y
ClientSampleId :

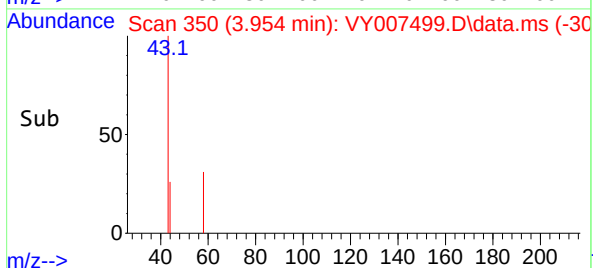
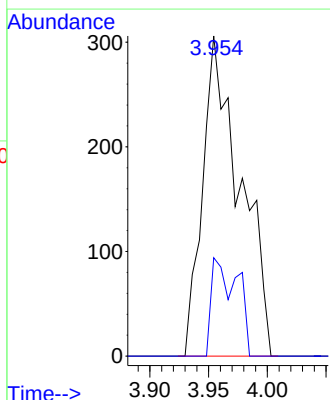
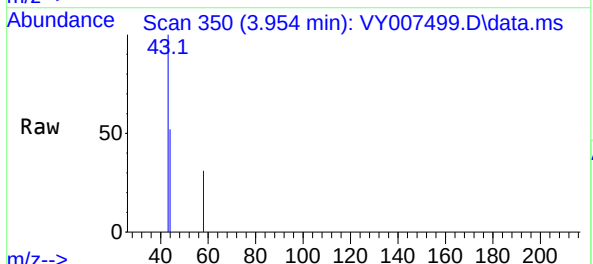


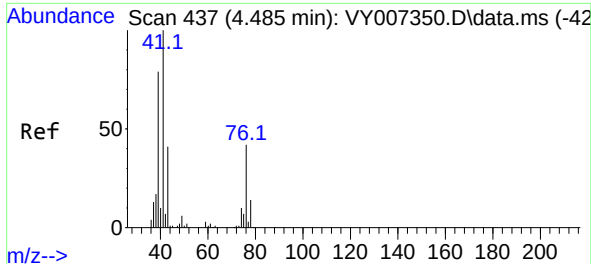
Tgt Ion:142 Resp: 1705
Ion Ratio Lower Upper
142 100
127 38.4 41.5 62.3#
141 4.3 11.9 17.9#



#16
Acetone
Concen: 2.167 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
58 30.7 22.0 33.0





#18

Methyl Acetate

Concen: 1.803 ug/l

RT: 4.491 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY007499.D

Acq: 15 Feb 2022 12:17

Instrument :

MSVOA_Y

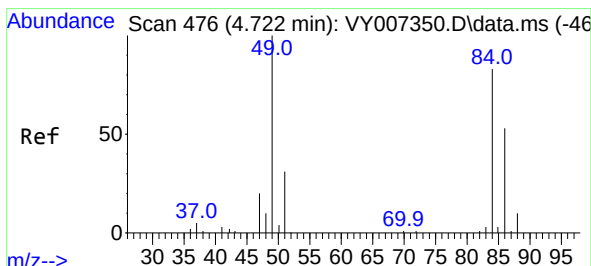
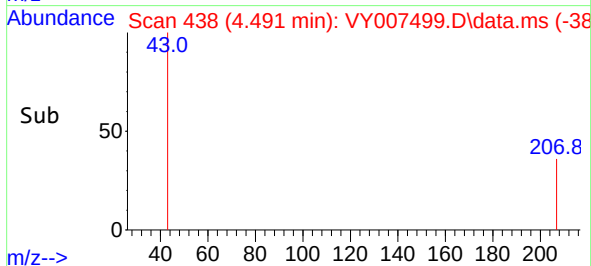
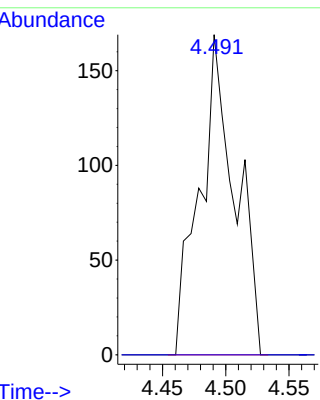
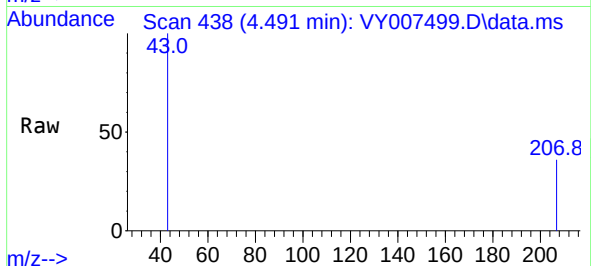
ClientSampleId :

Tgt Ion: 43 Resp: 331

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: 1.944 ug/l

RT: 4.729 min Scan# 477

Delta R.T. 0.007 min

Lab File: VY007499.D

Acq: 15 Feb 2022 12:17

Tgt Ion: 84 Resp: 2503

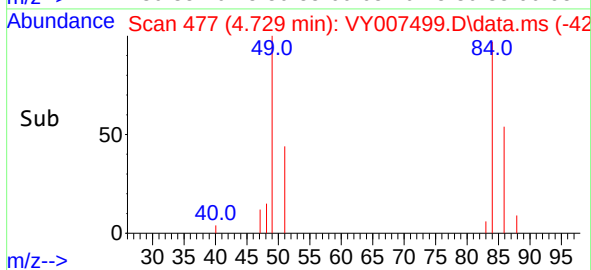
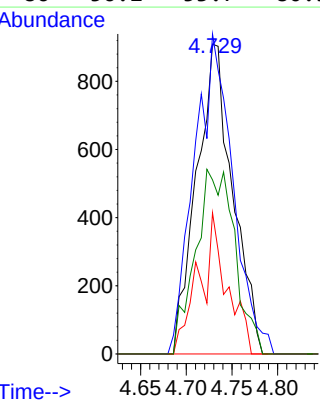
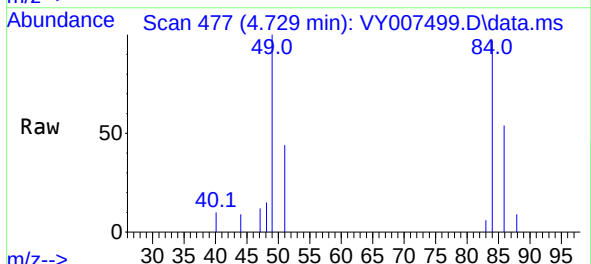
Ion Ratio Lower Upper

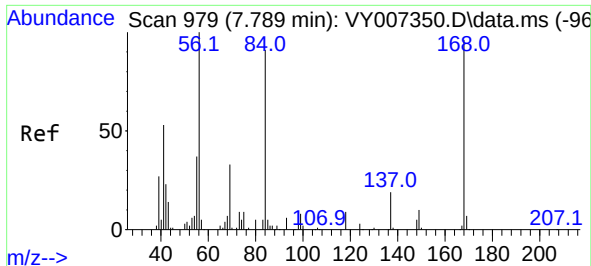
84 100

49 103.3 114.4 171.6#

51 45.5 35.3 52.9

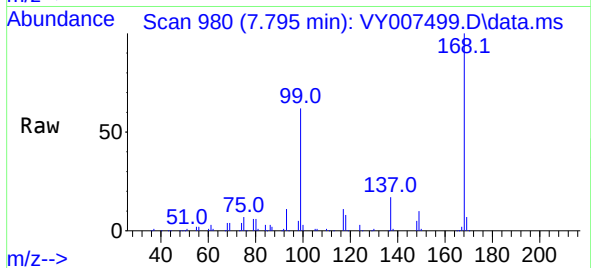
86 56.2 53.7 80.5



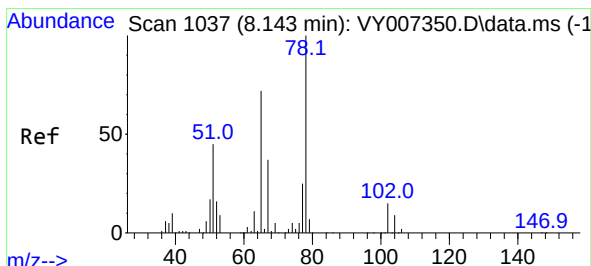
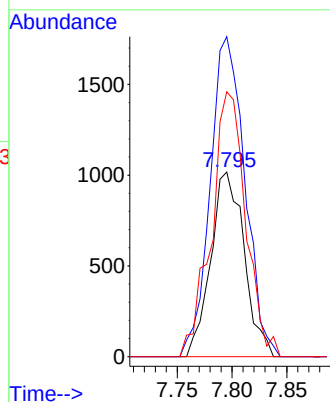
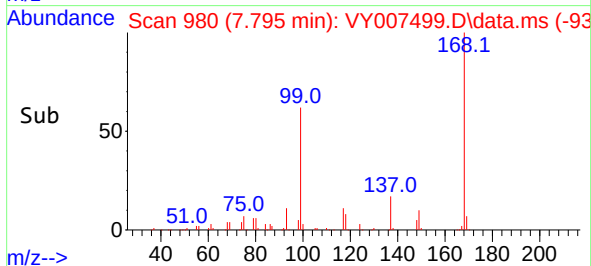


#31
Cyclohexane
Concen: 1.028 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

Instrument :
MSVOA_Y
ClientSampleId :

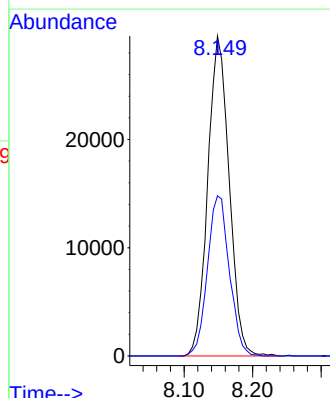
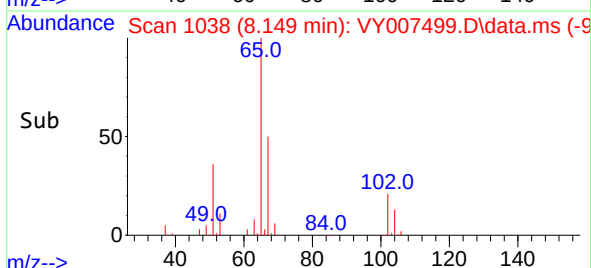
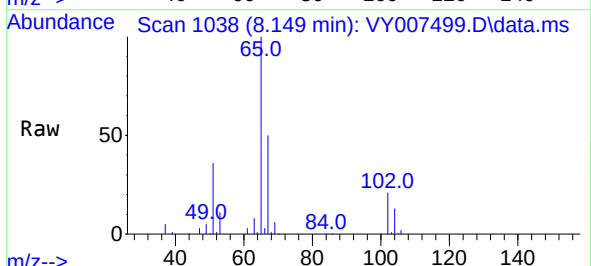


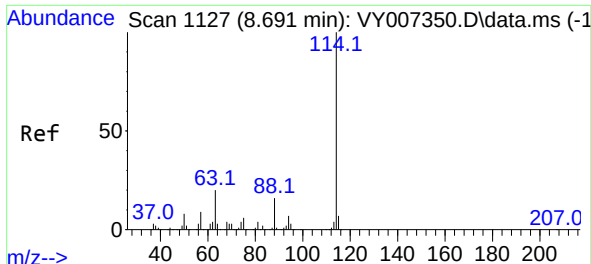
Tgt Ion: 56 Resp: 2152
Ion Ratio Lower Upper
56 100
69 173.4 26.7 40.1#
84 143.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.171 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

Tgt Ion: 65 Resp: 64156
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY007499.D

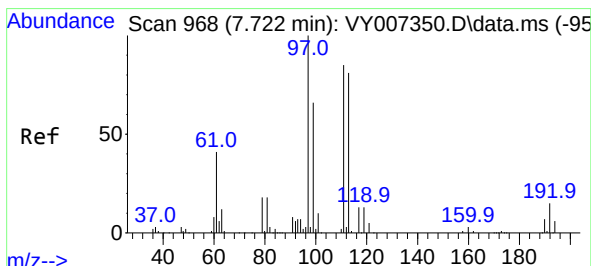
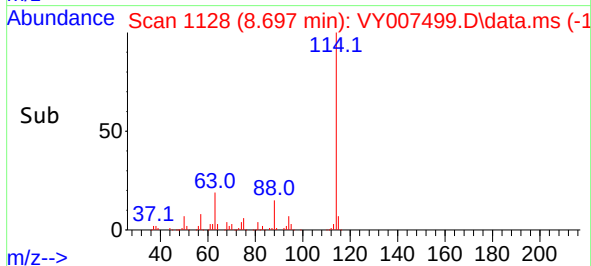
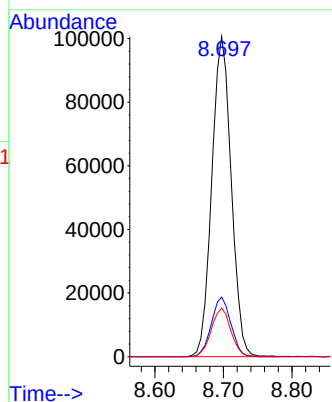
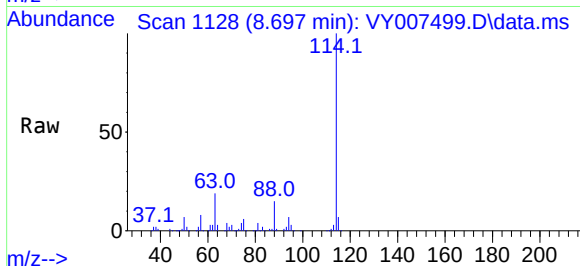
Acq: 15 Feb 2022 12:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp: 197412
Ion Ratio	Lower Upper
114 100	
63 18.6	0.0 43.2
88 15.2	0.0 31.8



#35

Dibromofluoromethane

Concen: 51.203 ug/l

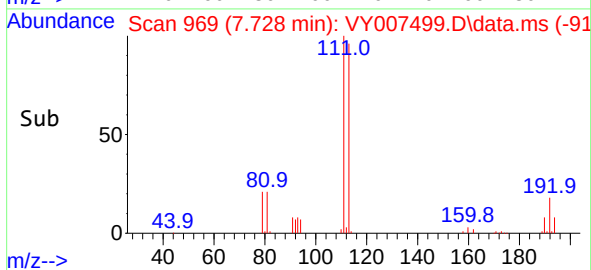
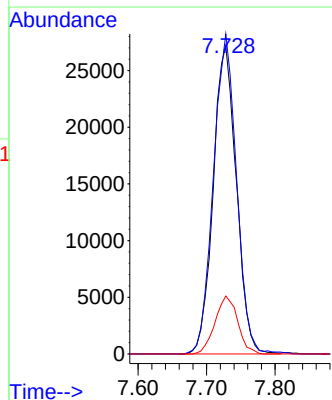
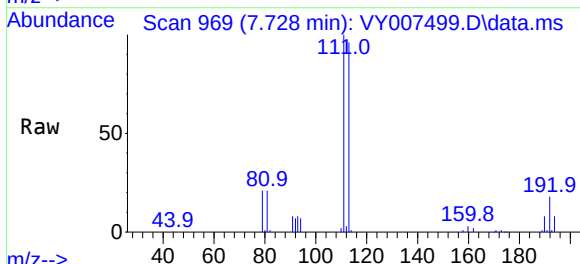
RT: 7.728 min Scan# 969

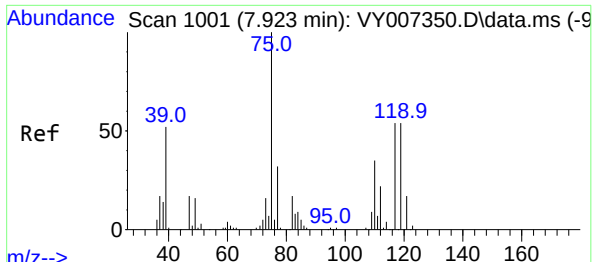
Delta R.T. 0.006 min

Lab File: VY007499.D

Acq: 15 Feb 2022 12:17

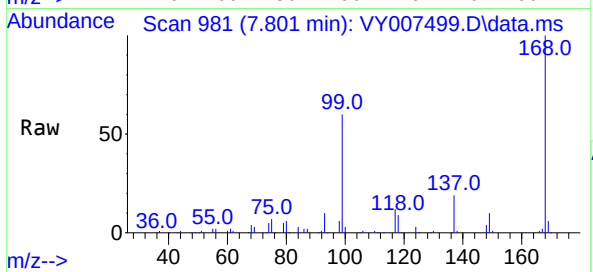
Tgt Ion:113	Resp: 63744
Ion Ratio	Lower Upper
113 100	
111 103.8	82.6 124.0
192 18.4	17.6 26.4



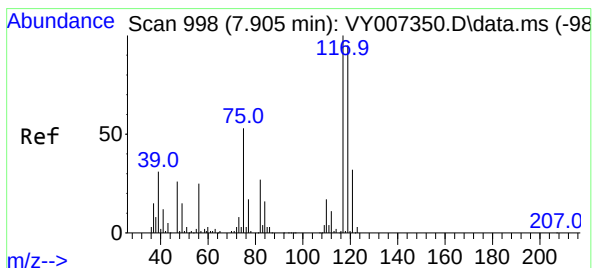
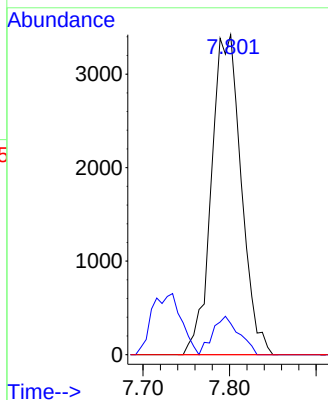
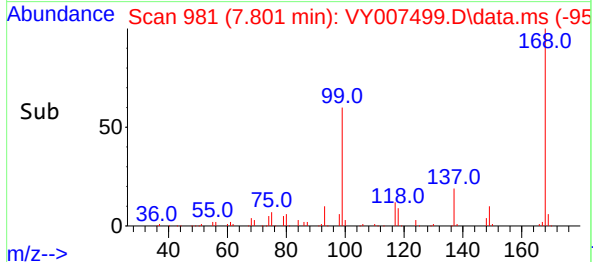


#36
1,1-Dichloropropene
Concen: 4.046 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

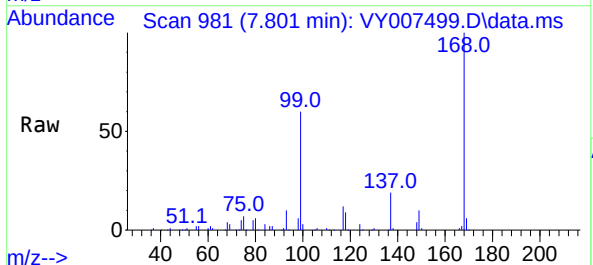
Instrument :
MSVOA_Y
ClientSampleId :



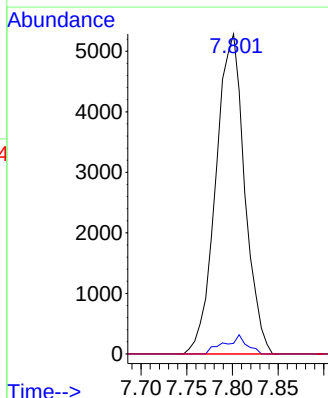
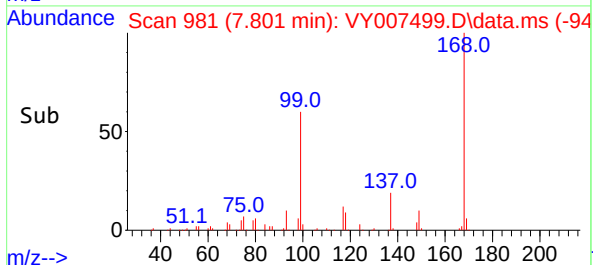
Tgt Ion: 75 Resp: 8161
Ion Ratio Lower Upper
75 100
110 10.6 17.1 51.2#
77 0.0 24.4 36.6#

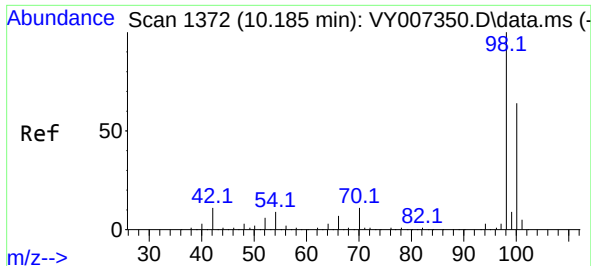


#38
Carbon Tetrachloride
Concen: 5.064 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17



Tgt Ion: 117 Resp: 11607
Ion Ratio Lower Upper
117 100
119 3.3 77.9 116.9#
121 0.0 24.8 37.2#

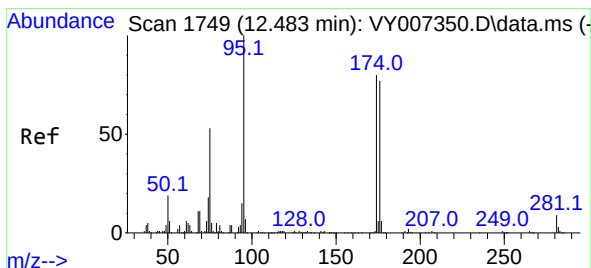
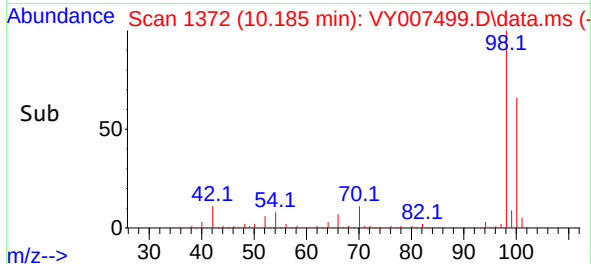
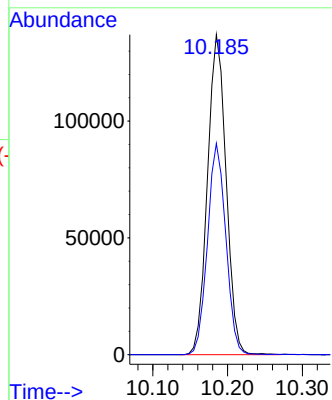
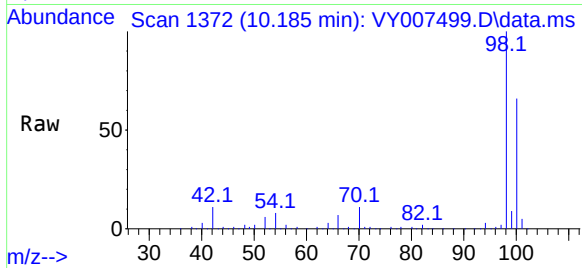




#50
Toluene-d8
Concen: 50.156 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

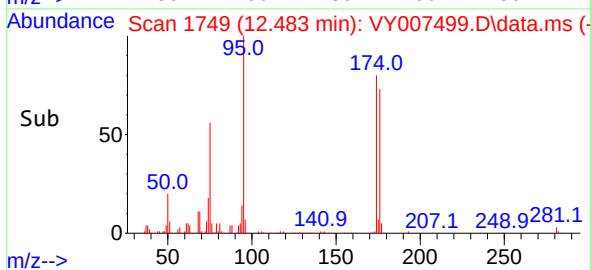
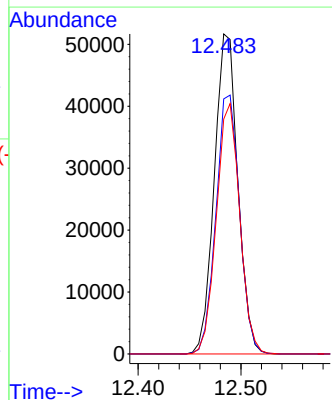
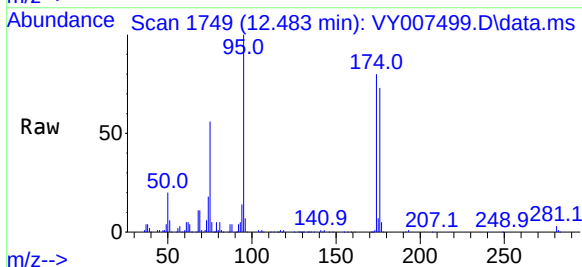
Instrument :
MSVOA_Y
ClientSampleId :

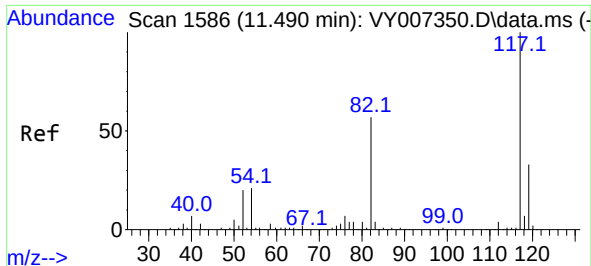
Tgt Ion: 98 Resp: 237159
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.245 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

Tgt Ion: 95 Resp: 82161
Ion Ratio Lower Upper
95 100
174 81.2 0.0 177.0
176 77.7 0.0 175.8

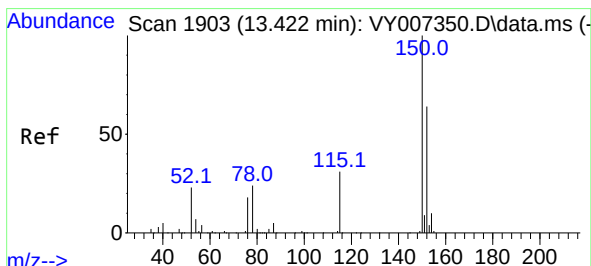
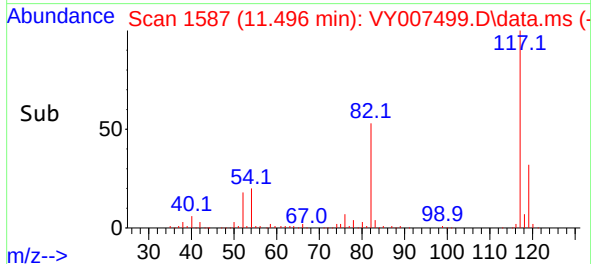
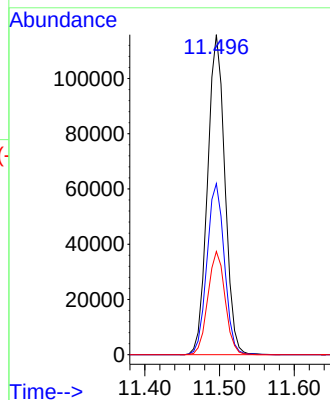
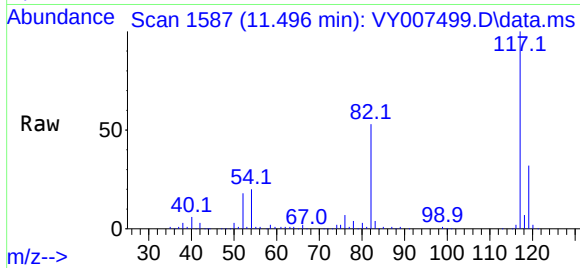




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

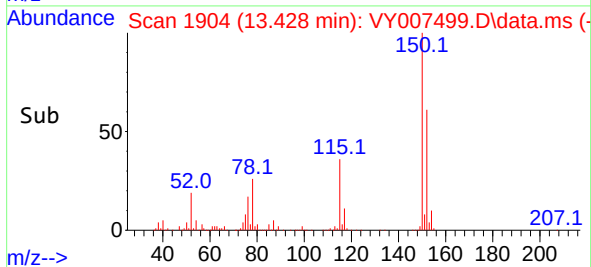
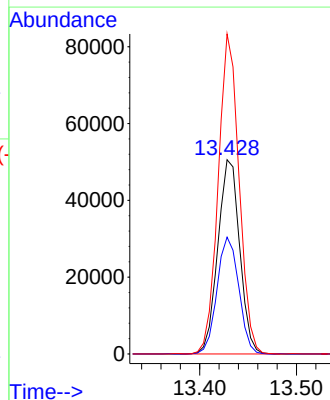
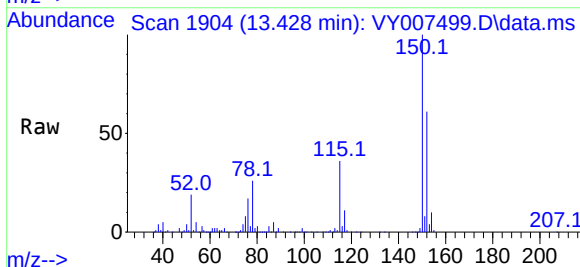
Instrument :
MSVOA_Y
ClientSampleId :

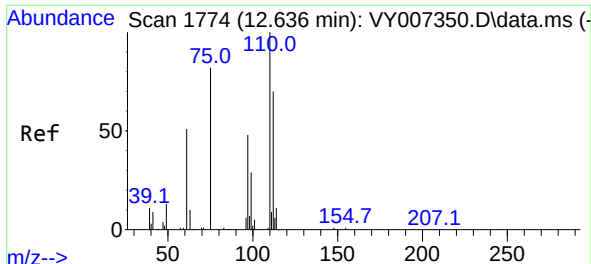
Tgt Ion:117 Resp: 186897
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

Tgt Ion:152 Resp: 79047
Ion Ratio Lower Upper
152 100
115 59.8 28.2 84.7
150 157.3 0.0 347.6

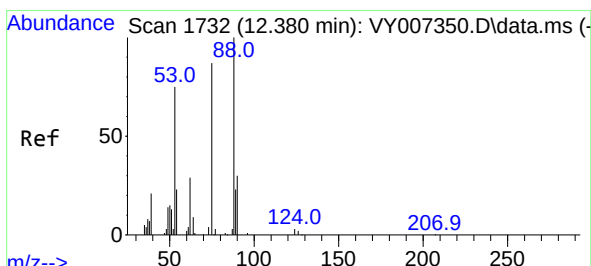
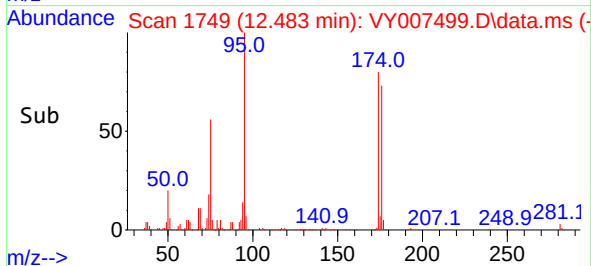
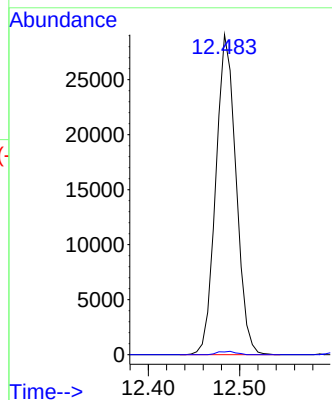
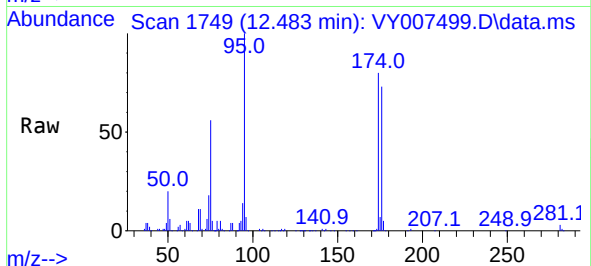




#76
1,2,3-Trichloropropane
Concen: 49.010 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

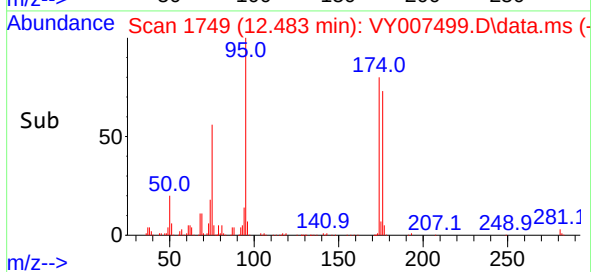
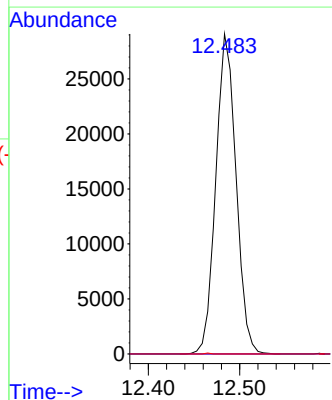
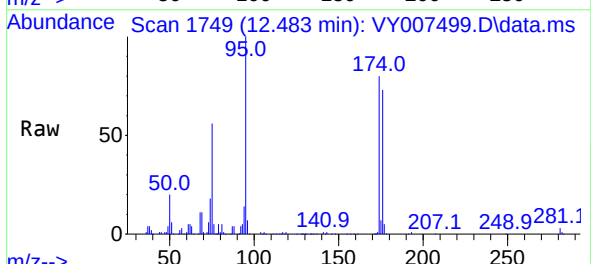
Instrument :
MSVOA_Y
ClientSampleId :

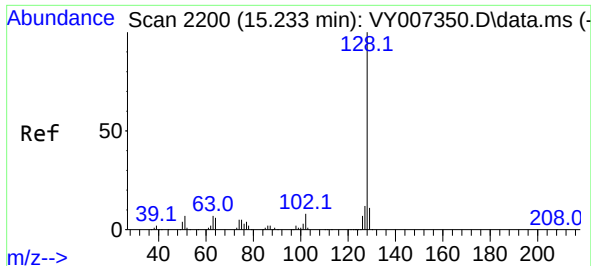
Tgt Ion: 75 Resp: 44763
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.864 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

Tgt Ion: 75 Resp: 44763
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

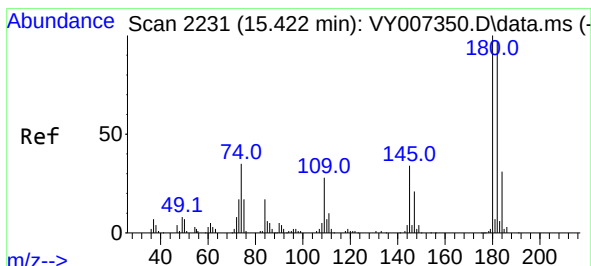
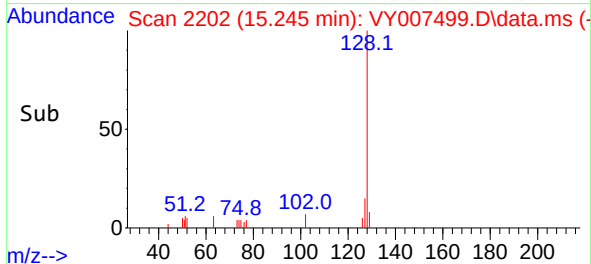
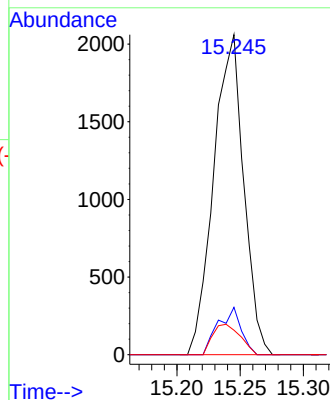
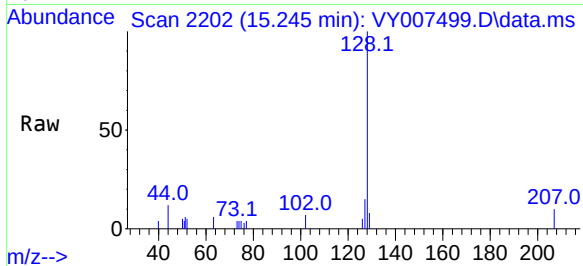




#95
Naphthalene
Concen: 1.011 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128	Resp:	3400
Ion	Ratio	Lower Upper
128	100	
127	11.4	11.0 16.4
129	8.7	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 1.056 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

Tgt Ion:180	Resp:	1410
Ion	Ratio	Lower Upper
180	100	
182	87.9	47.3 141.9
145	26.6	15.3 45.9

