

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021422\
 Data File : VY007493.D
 Acq On : 14 Feb 2022 13:39
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 15 03:46:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 03:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	109461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	204483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	193168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	63631	53.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.020%
35) Dibromofluoromethane	7.722	113	64812	50.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.540%
50) Toluene-d8	10.185	98	246373	50.267	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.483	95	86072	51.477	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.960%

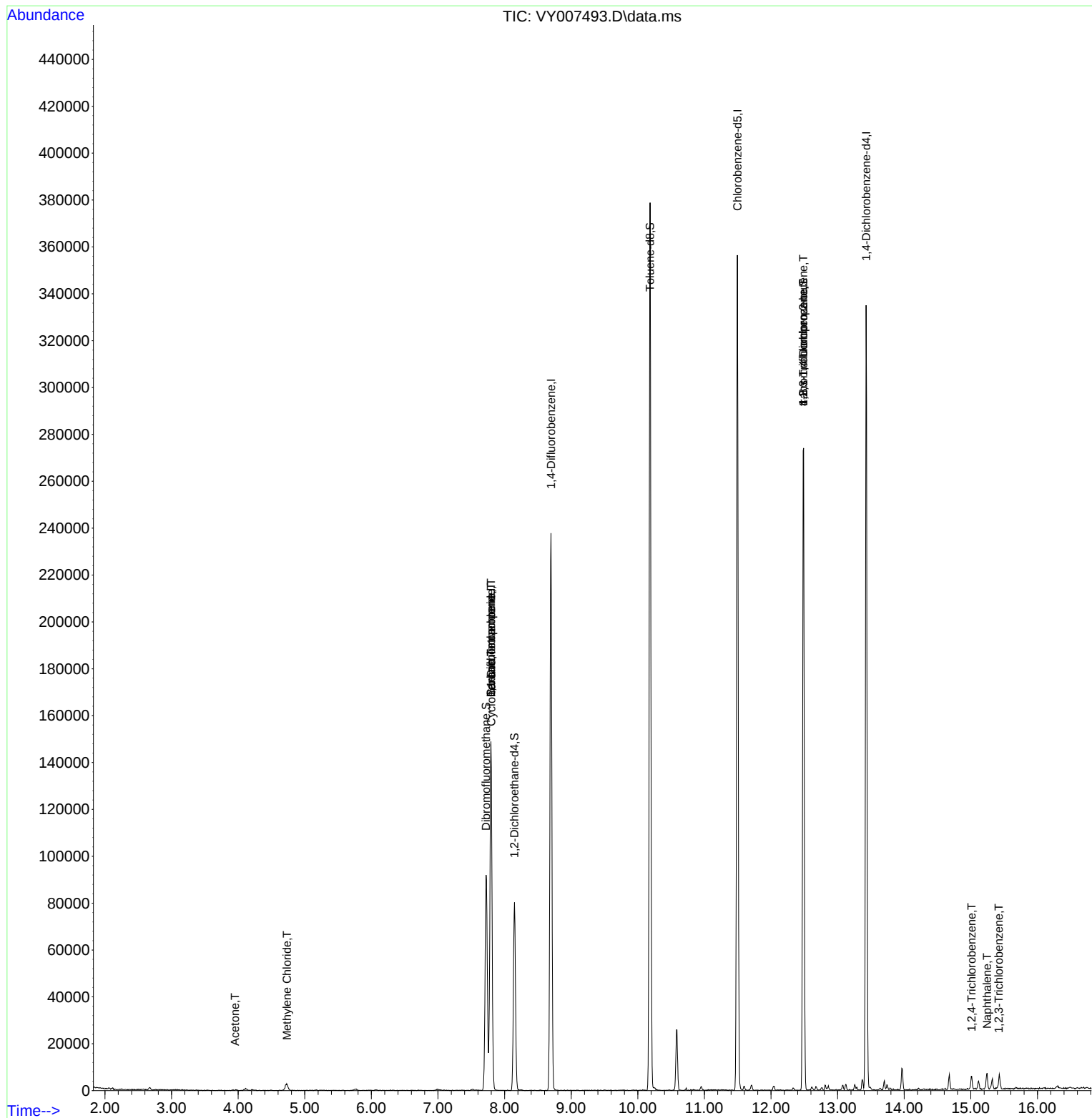
Target Compounds					Qvalue	
16) Acetone	3.954	43	508	1.595	ug/l #	47
20) Methylene Chloride	4.734	84	2278	1.725	ug/l #	69
31) Cyclohexane	7.801	56	2597	1.230	ug/l #	23
36) 1,1-Dichloropropene	7.795	75	8697	4.190	ug/l #	52
38) Carbon Tetrachloride	7.795	117	11884	5.007	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	45691	43.187	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45691	102.408	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.013	180	1599	1.014	ug/l	94
95) Naphthalene	15.245	128	5632	1.645	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	1648	1.210	ug/l	93

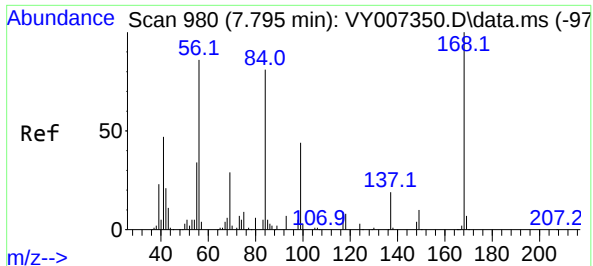
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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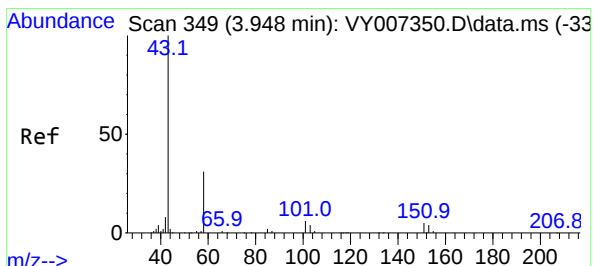
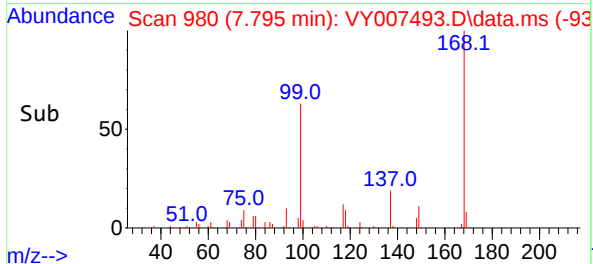
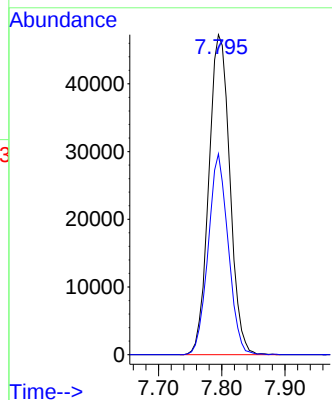
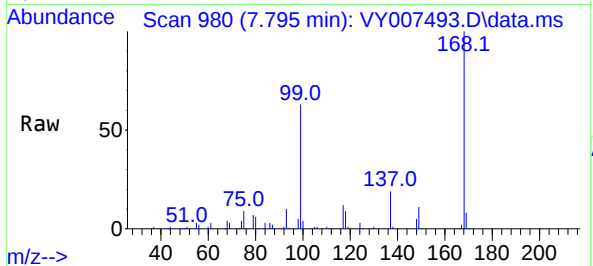




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

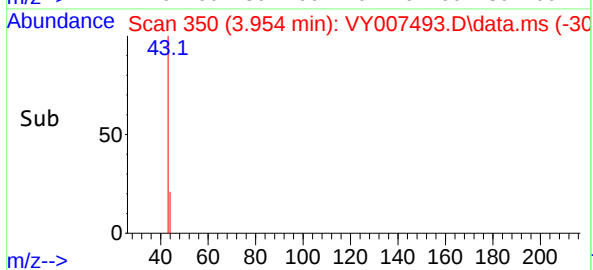
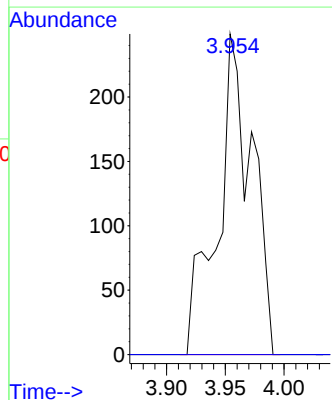
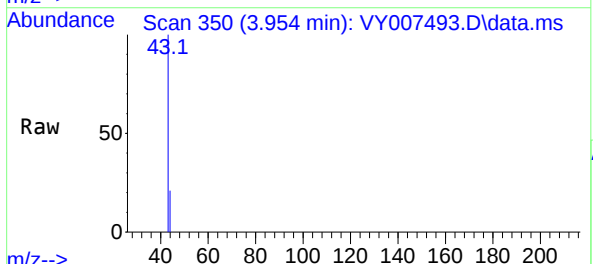
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

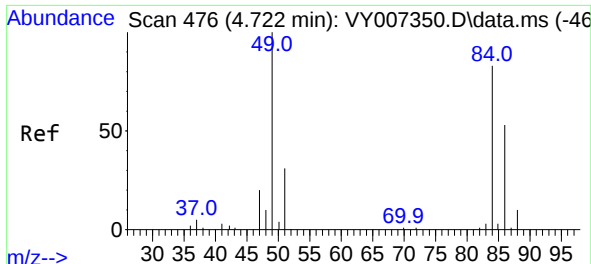
Tgt Ion:168 Resp: 109461
Ion Ratio Lower Upper
168 100
99 62.8 46.9 70.3



#16
Acetone
Concen: 1.595 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

Tgt Ion: 43 Resp: 508
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



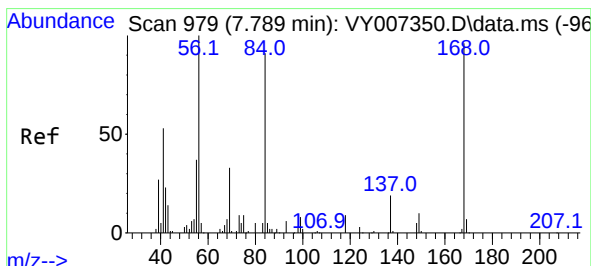
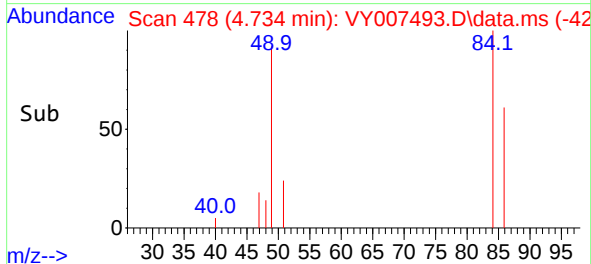
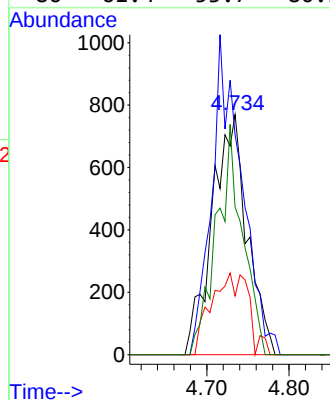
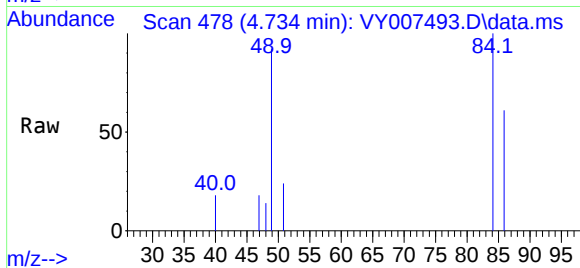


#20
Methylene Chloride
Concen: 1.725 ug/l
RT: 4.734 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 2278

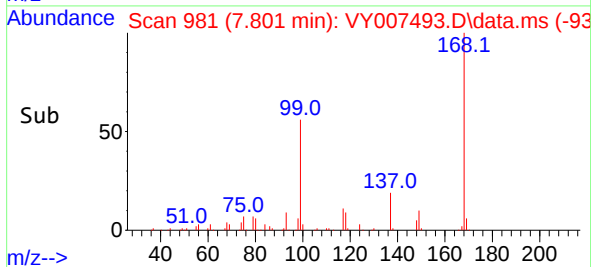
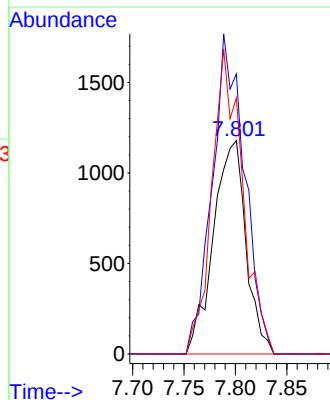
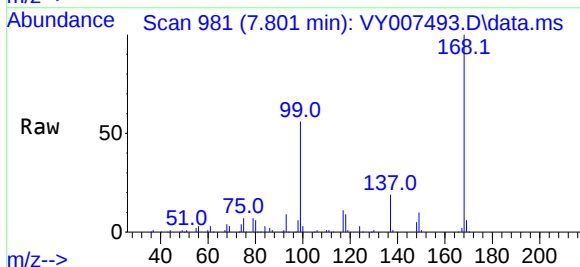
Ion	Ratio	Lower	Upper
84	100		
49	91.6	114.4	171.6#
51	24.4	35.3	52.9#
86	61.4	53.7	80.5

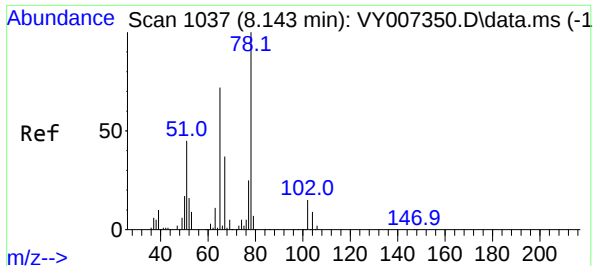


#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

Tgt Ion: 56 Resp: 2597

Ion	Ratio	Lower	Upper
56	100		
69	131.2	26.7	40.1#
84	119.9	67.2	100.8#

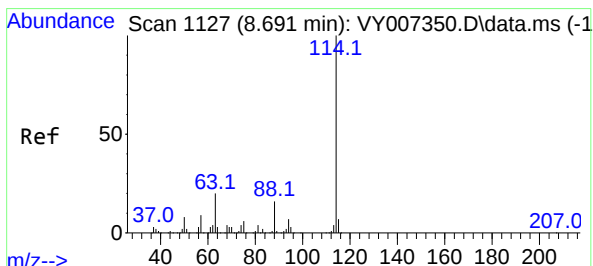
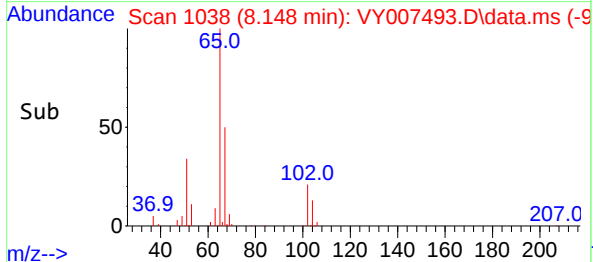
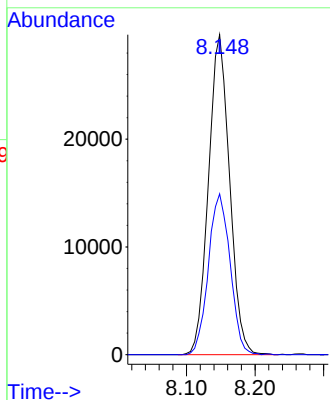
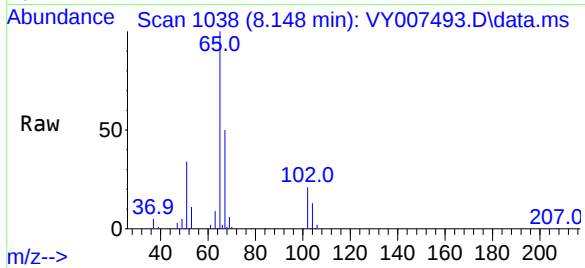




#33
1,2-Dichloroethane-d4
Concen: 53.008 ug/l
RT: 8.148 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

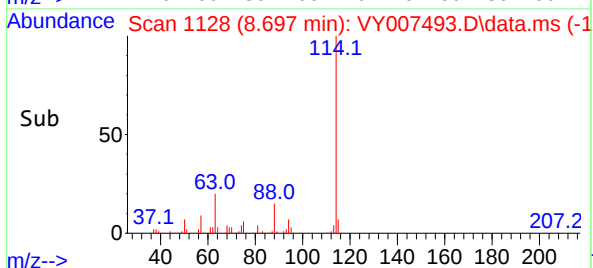
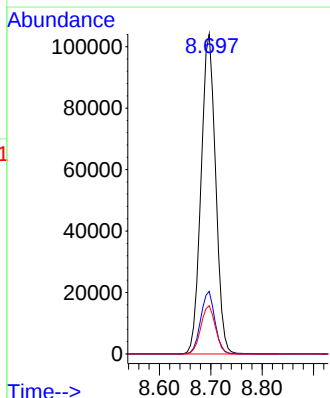
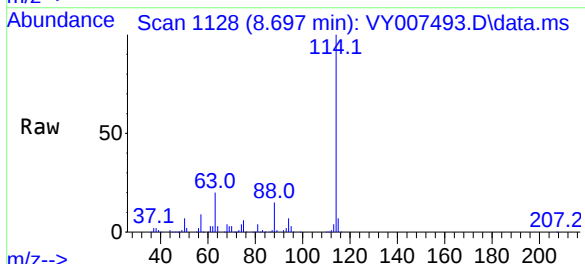
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

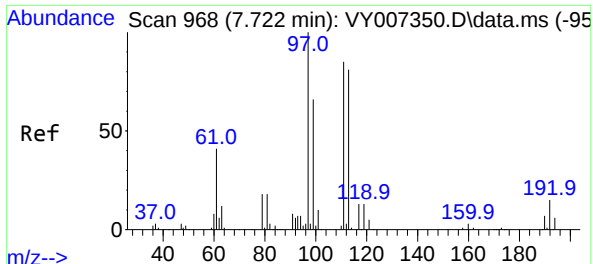
Tgt Ion: 65 Resp: 63631
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

Tgt Ion:114 Resp: 204483
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 15.1 0.0 31.8

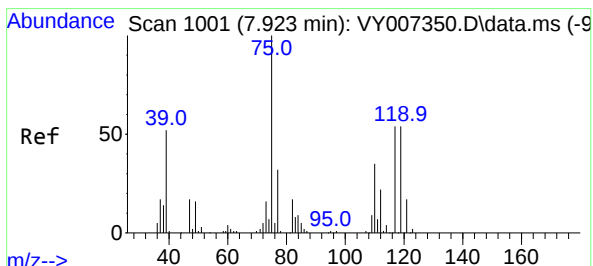
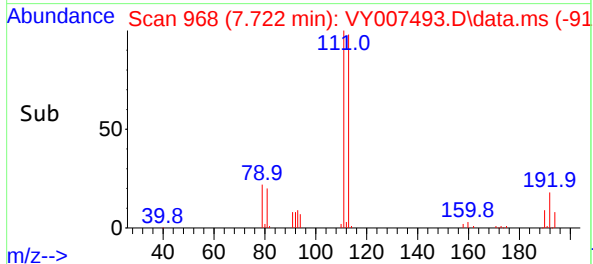
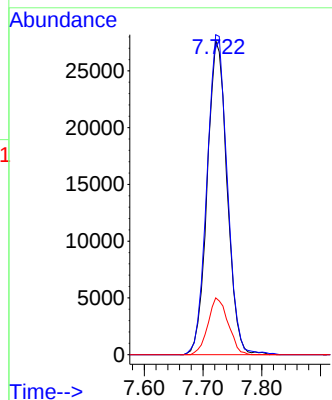
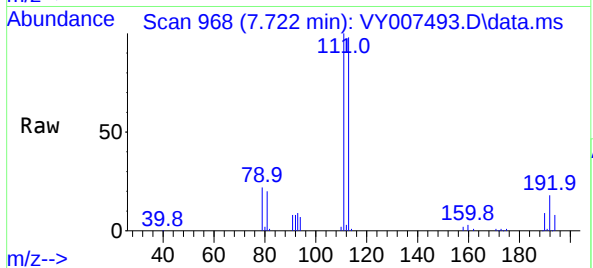




#35
Dibromofluoromethane
Concen: 50.266 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

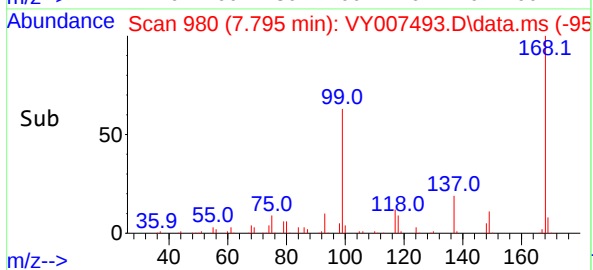
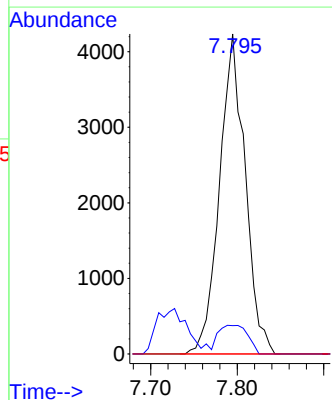
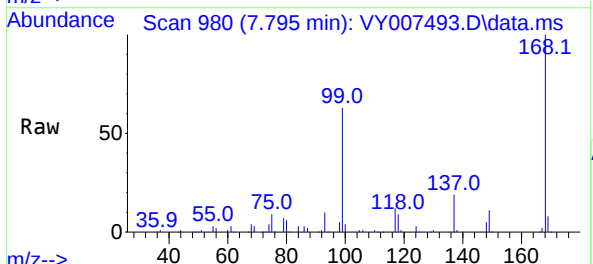
Instrument :
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ClientSampleId :
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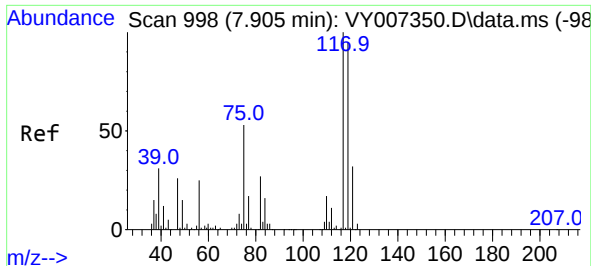
Tgt Ion:113 Resp: 64812
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 18.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.190 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

Tgt Ion: 75 Resp: 8697
Ion Ratio Lower Upper
75 100
110 10.3 17.1 51.2#
77 0.0 24.4 36.6#

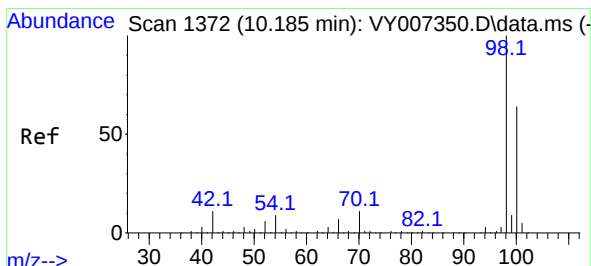
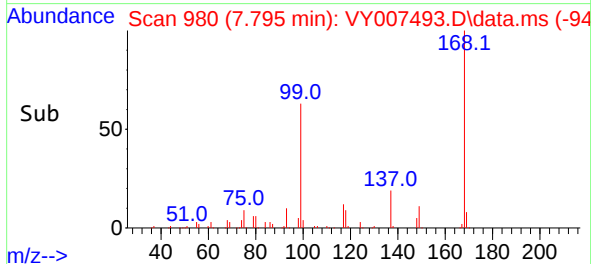
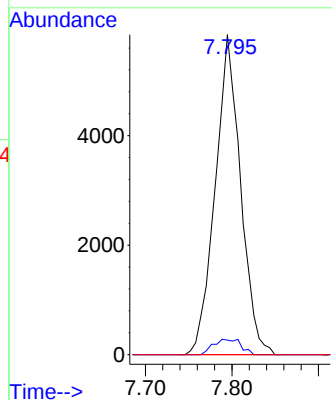
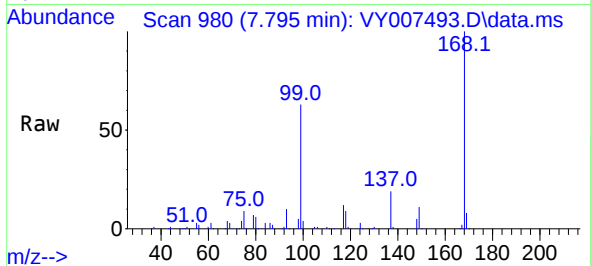




#38
Carbon Tetrachloride
Concen: 5.007 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

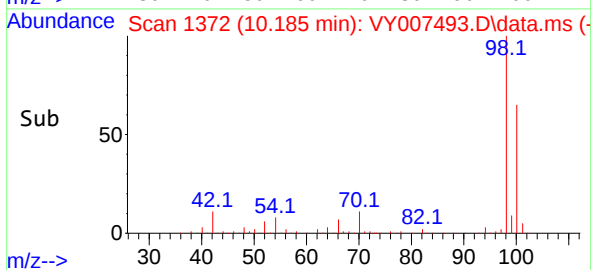
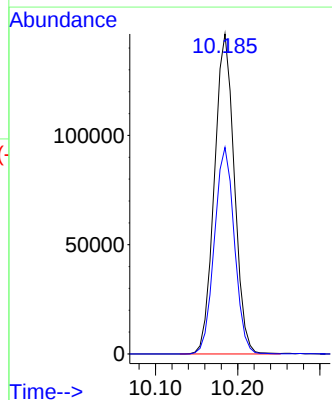
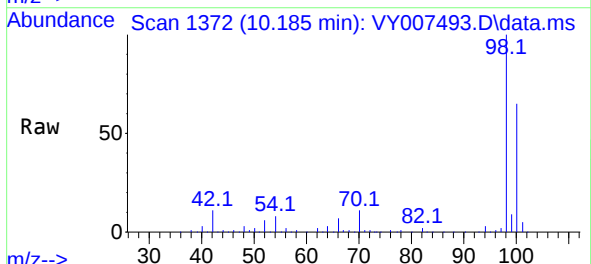
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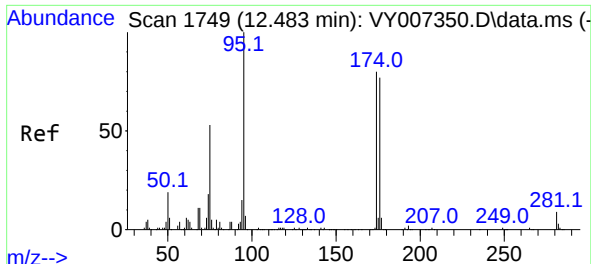
Tgt Ion:117 Resp: 11884
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.267 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

Tgt Ion: 98 Resp: 246373
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

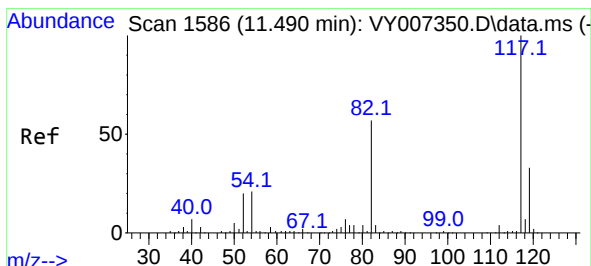
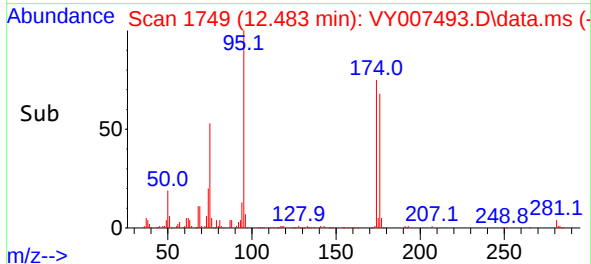
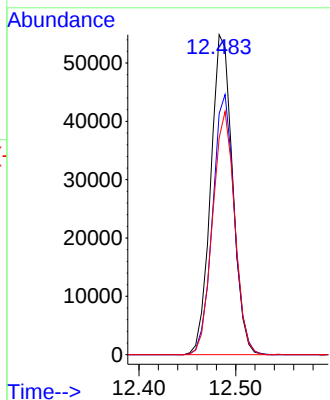
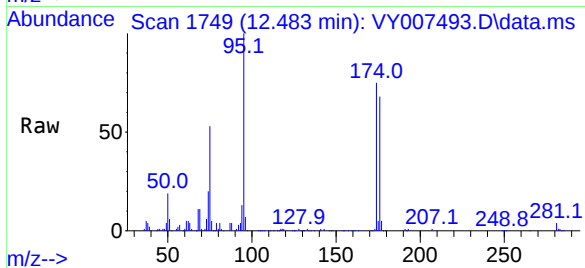




#62
4-Bromofluorobenzene
Concen: 51.477 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

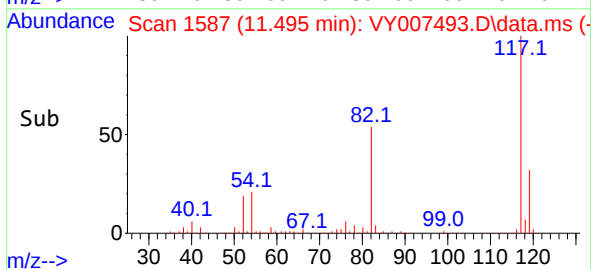
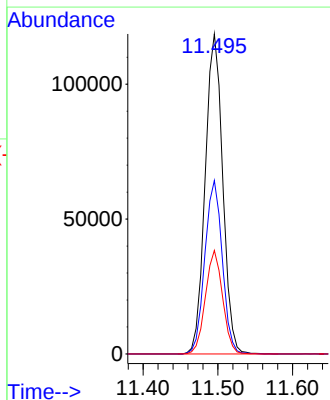
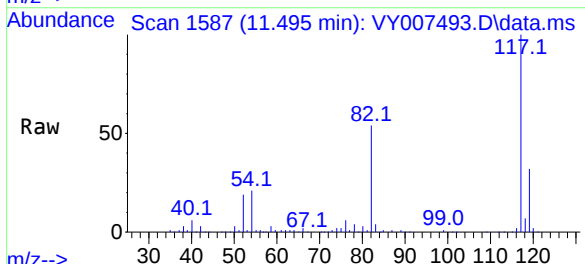
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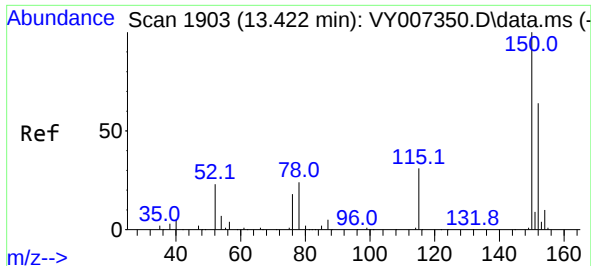
Tgt Ion: 95 Resp: 86072
Ion Ratio Lower Upper
95 100
174 80.5 0.0 177.0
176 76.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

Tgt Ion: 117 Resp: 193168
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.3 25.4 38.0

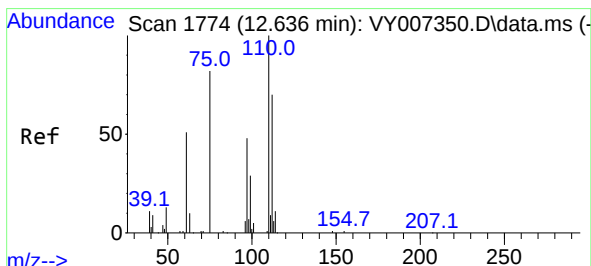
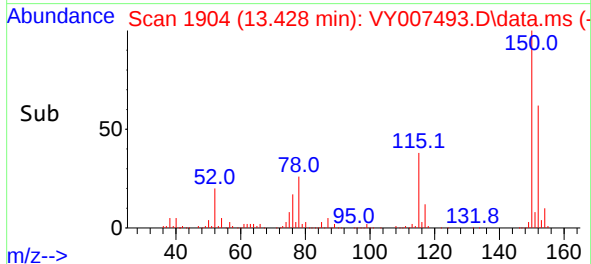
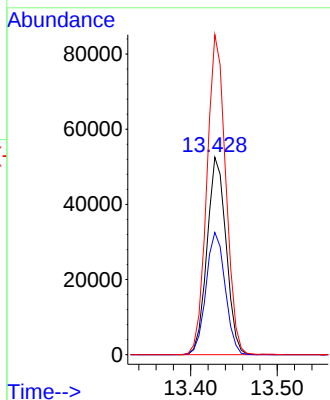
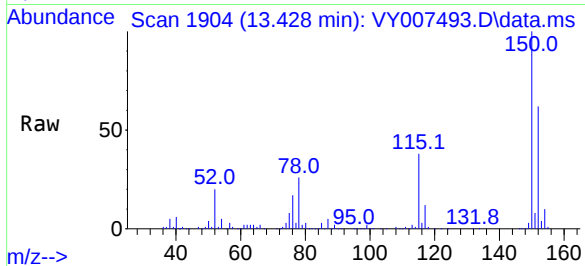




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007493.D
 Acq: 14 Feb 2022 13:39

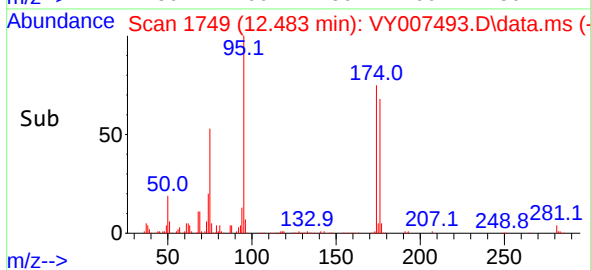
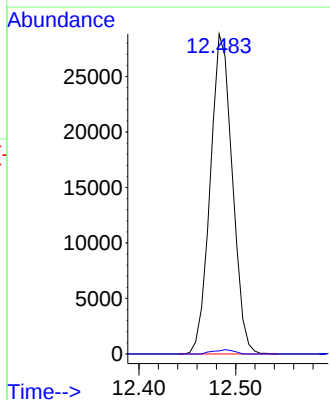
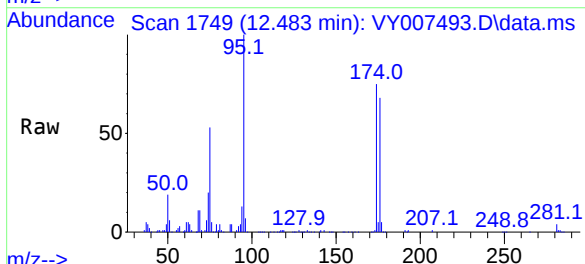
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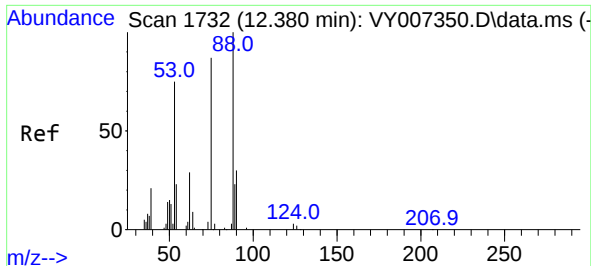
Tgt Ion:152 Resp: 80371
 Ion Ratio Lower Upper
 152 100
 115 62.3 28.2 84.7
 150 160.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.187 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY007493.D
 Acq: 14 Feb 2022 13:39

Tgt Ion: 75 Resp: 45691
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

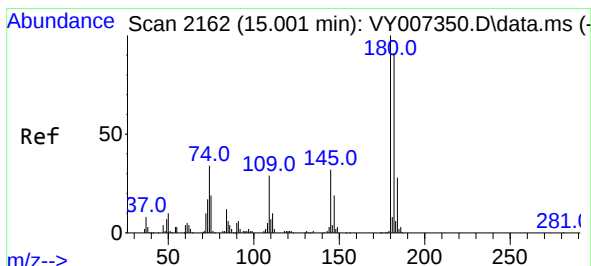
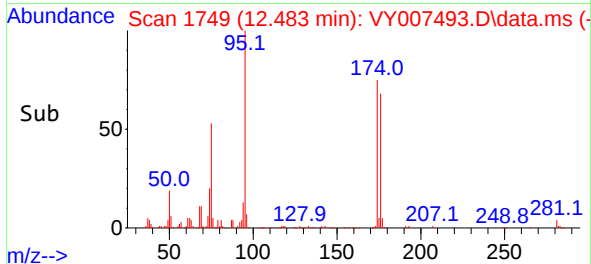
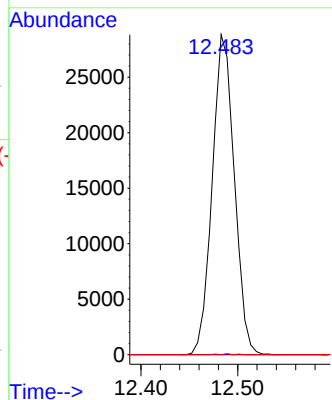
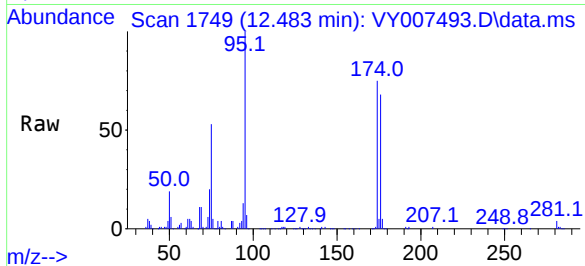




#81
trans-1,4-Dichloro-2-butene
Concen: 102.408 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

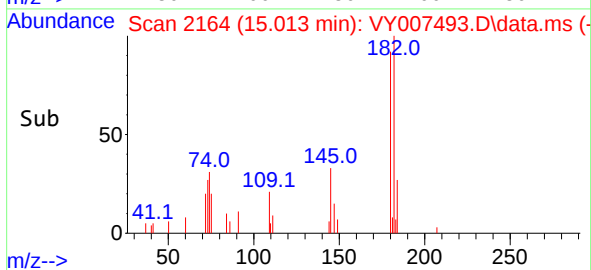
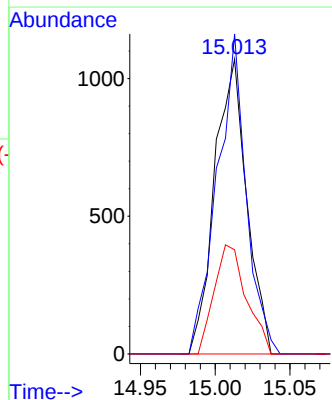
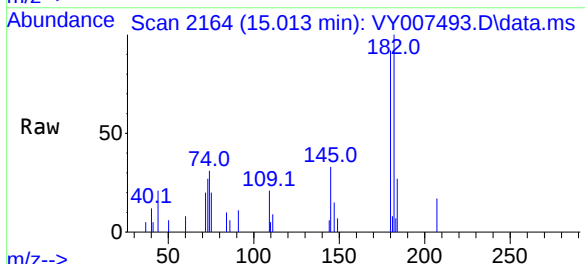
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

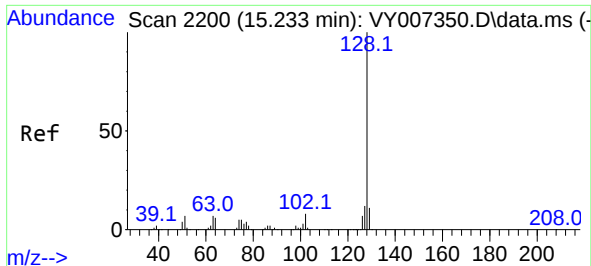
Tgt Ion: 75 Resp: 45691
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 1.014 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.012 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

Tgt Ion:180 Resp: 1599
Ion Ratio Lower Upper
180 100
182 98.1 47.3 141.9
145 37.2 14.6 43.8

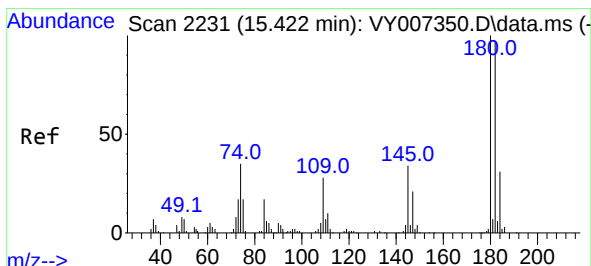
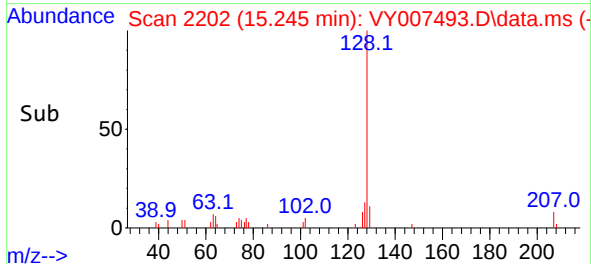
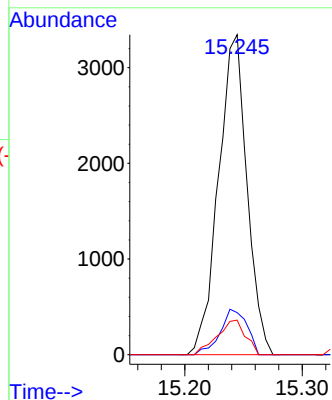
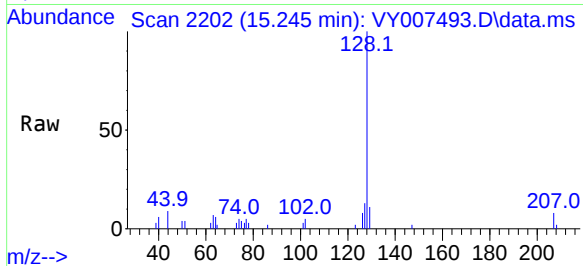




#95
Naphthalene
Concen: 1.645 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:128	Resp:	5632
Ion	Ratio	Lower Upper
128	100	
127	13.3	11.0 16.4
129	10.8	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 1.210 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.001 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

Tgt Ion:180	Resp:	1648
Ion	Ratio	Lower Upper
180	100	
182	93.5	47.3 141.9
145	43.9	15.3 45.9

