

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007634.D
 Acq On : 25 Feb 2022 13:36
 Operator : SY/MD
 Sample : VY0225SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0225SBL01

Quant Time: Feb 27 23:56:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

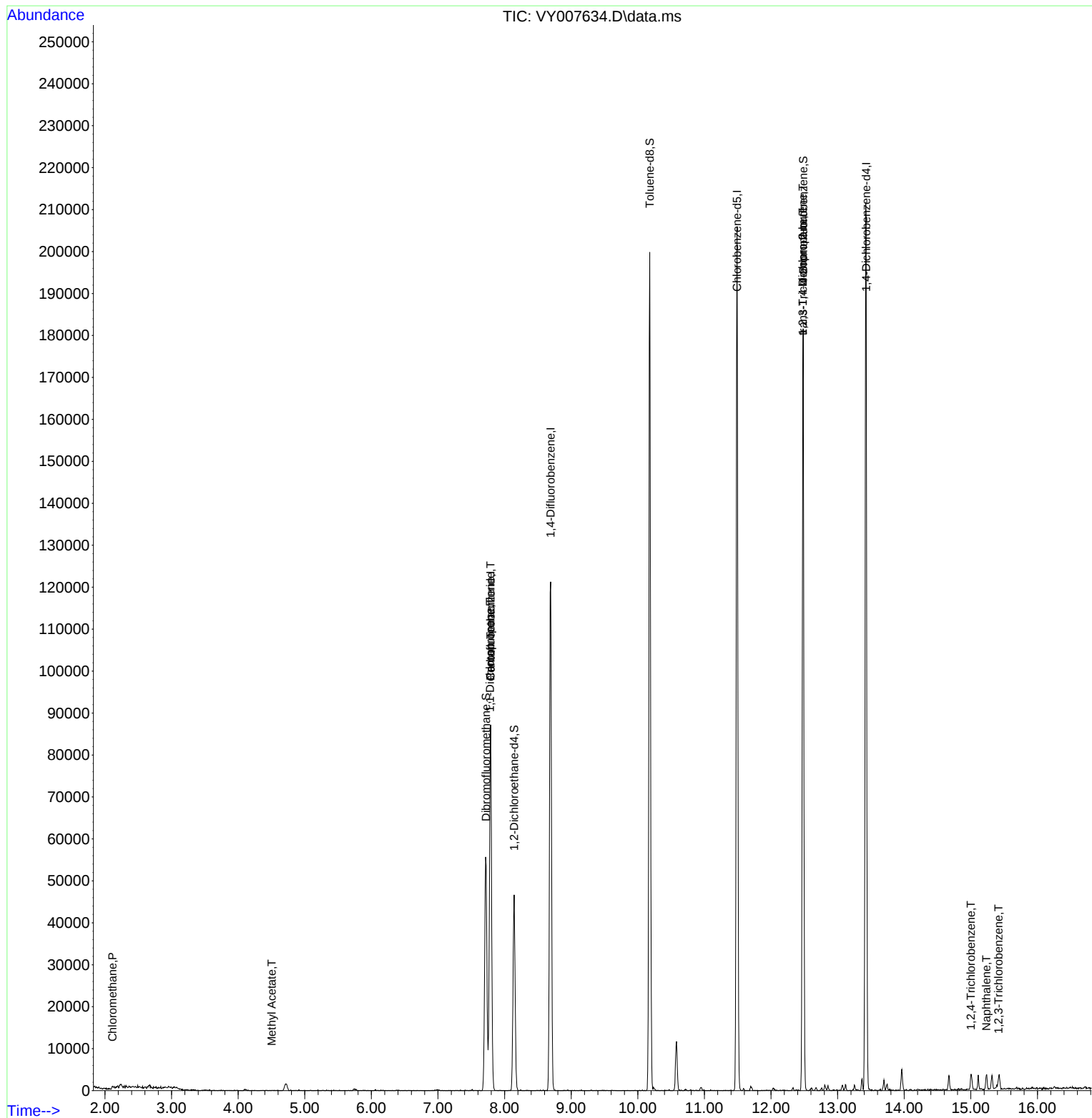
Internal Standards						
1) Pentafluorobenzene	7.789	168	64395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	108087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	108446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	35847	50.040	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.080%	
35) Dibromofluoromethane	7.722	113	35488	52.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.060%	
50) Toluene-d8	10.179	98	126080	49.969	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	12.483	95	46250	53.631	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.260%	
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	324	1.159	ug/l #	44
5) Bromomethane	2.668	94	406	Below Cal	#	54
18) Methyl Acetate	4.503	43	37	1.345	ug/l #	56
20) Methylene Chloride	4.704	84	1383	Below Cal	#	53
31) Cyclohexane	7.795	56	1326	Below Cal	#	42
36) 1,1-Dichloropropene	7.783	75	4791	4.875	ug/l #	56
38) Carbon Tetrachloride	7.789	117	6749	4.689	ug/l #	16
64) Tetrachloroethene	10.715	164	29	Below Cal	#	42
76) 1,2,3-Trichloropropane	12.477	75	28220	52.388	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28220	112.643	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.001	180	1466	1.152	ug/l	93
95) Naphthalene	15.233	128	3158	1.156	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.416	180	1334	1.213	ug/l	96

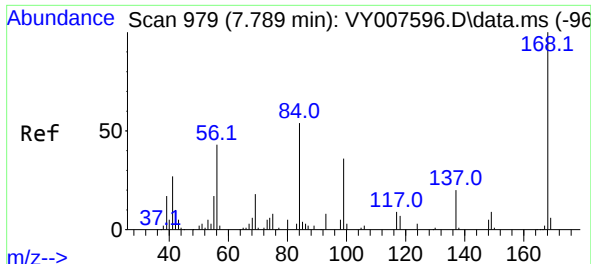
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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VY0225SBL01

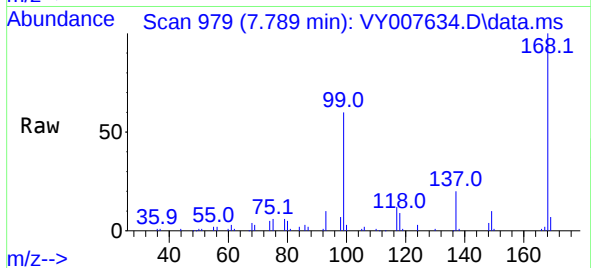
Quant Time: Feb 27 23:56:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 24 07:13:58 2022
Response via : Initial Calibration



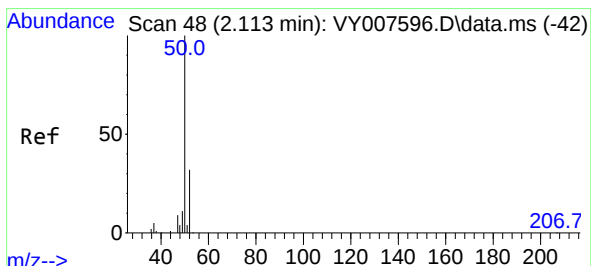
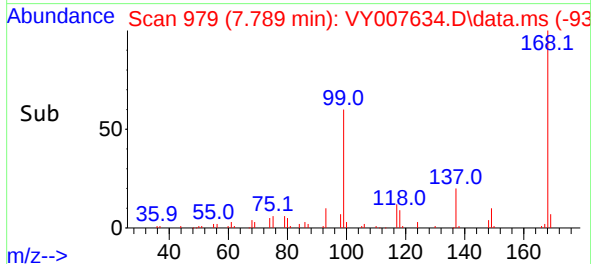
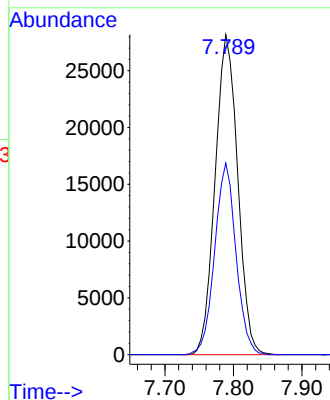


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0225SBL01

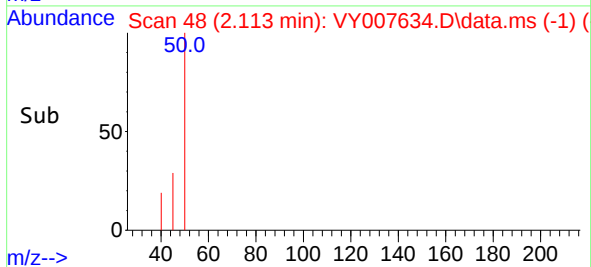
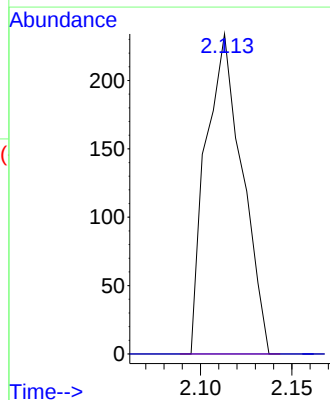
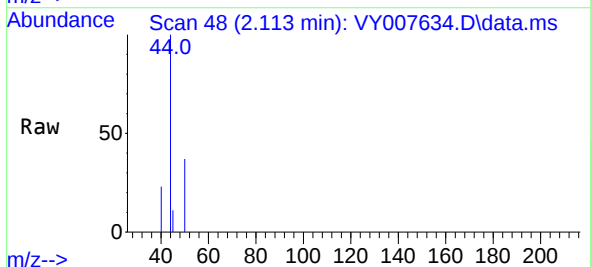


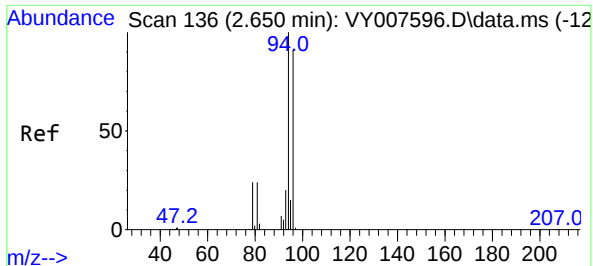
Tgt Ion:168 Resp: 64395
Ion Ratio Lower Upper
168 100
99 59.9 46.9 70.3



#3
Chloromethane
Concen: 1.159 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

Tgt Ion: 50 Resp: 324
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

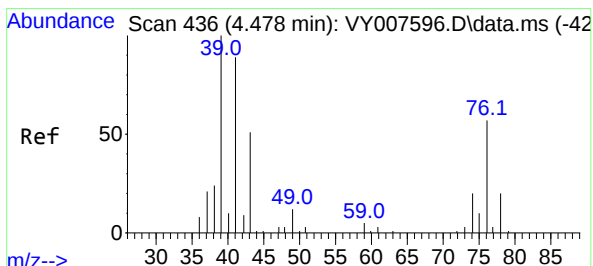
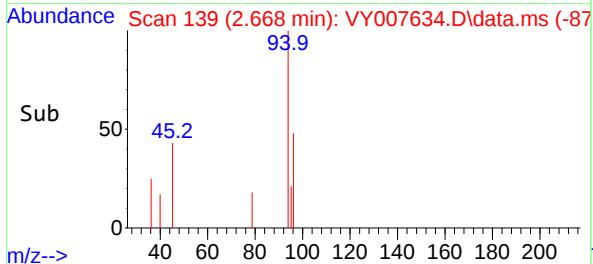
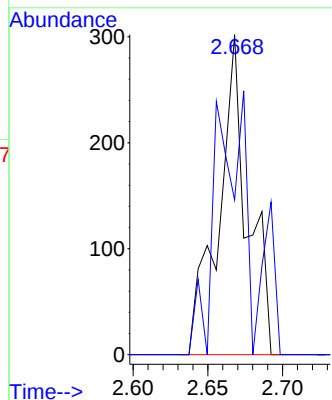
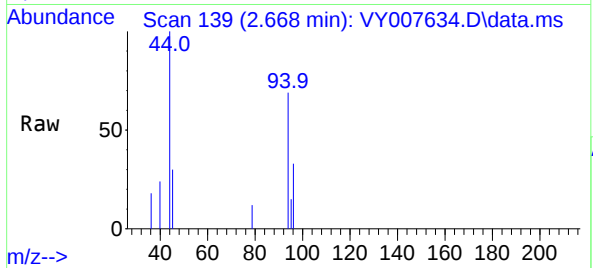




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

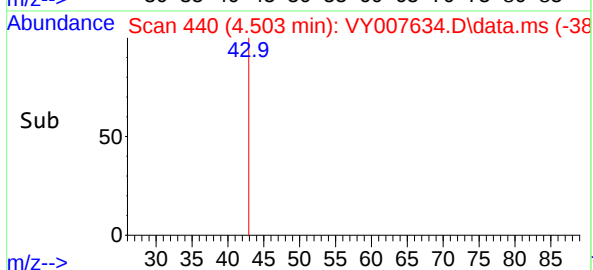
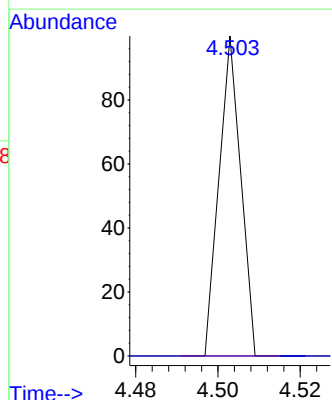
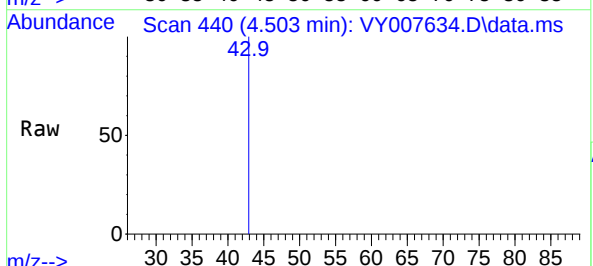
Instrument :
MSVOA_Y
ClientSampleId :
VY0225SBL01

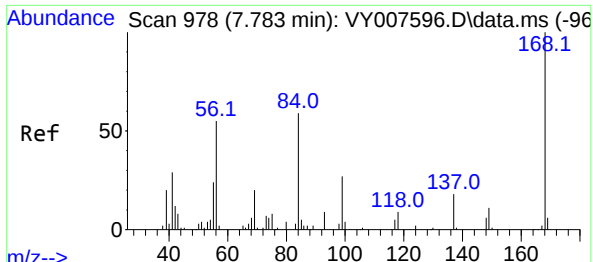
Tgt Ion: 94 Resp: 406
Ion Ratio Lower Upper
94 100
96 48.3 73.5 110.3#



#18
Methyl Acetate
Concen: 1.345 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.025 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

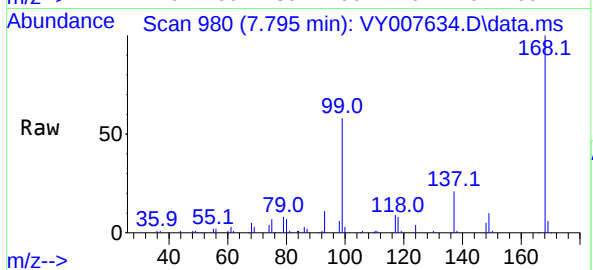
Tgt Ion: 43 Resp: 37
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



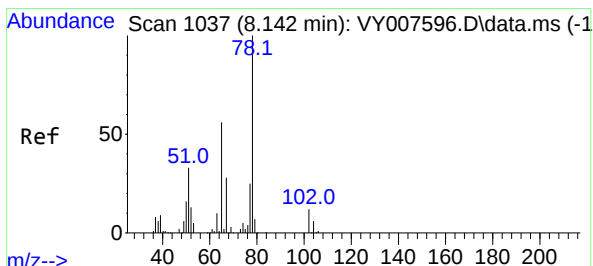
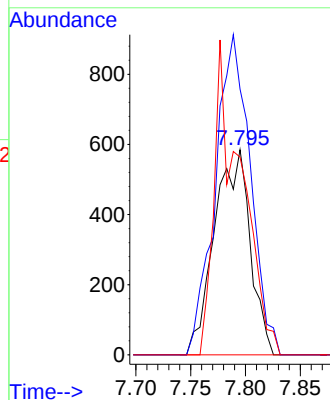
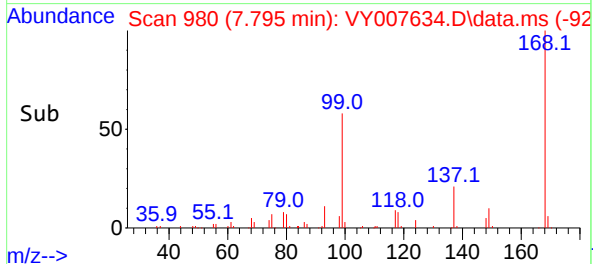


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0225SBL01

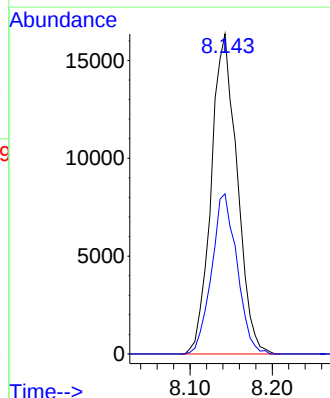
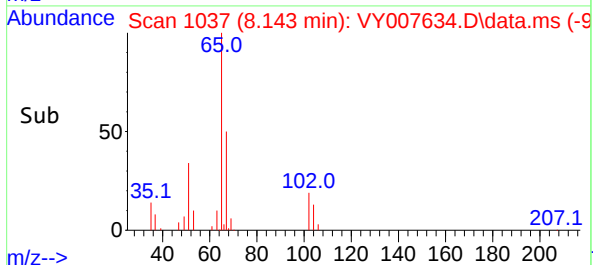
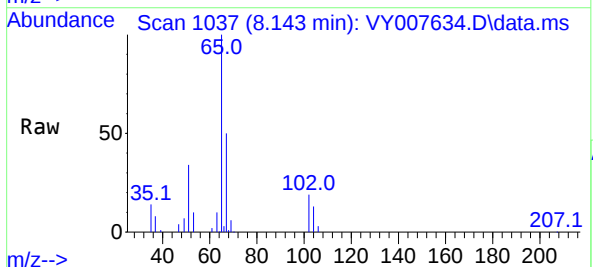


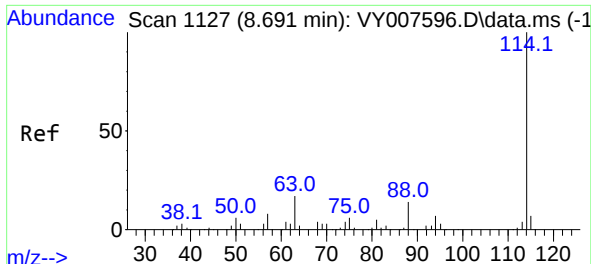
Tgt Ion: 56 Resp: 1326
Ion Ratio Lower Upper
56 100
69 129.6 26.7 40.1#
84 96.4 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 50.040 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

Tgt Ion: 65 Resp: 35847
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.4

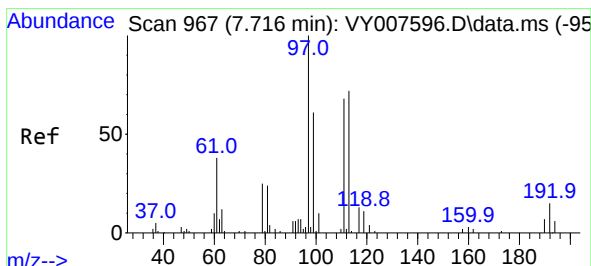
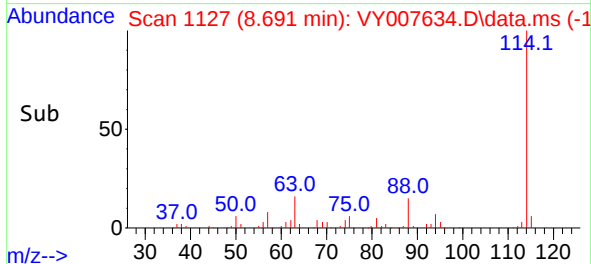
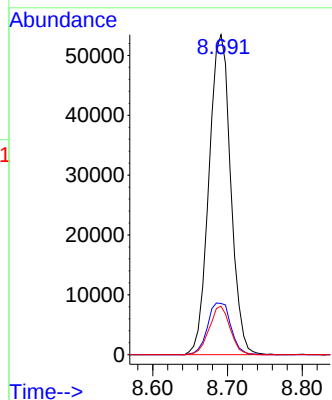
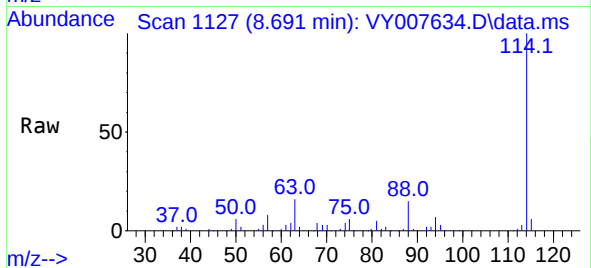




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

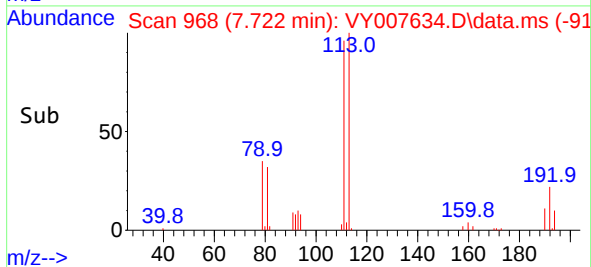
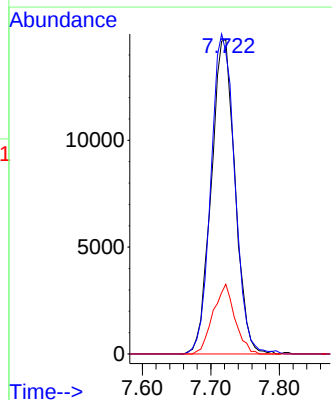
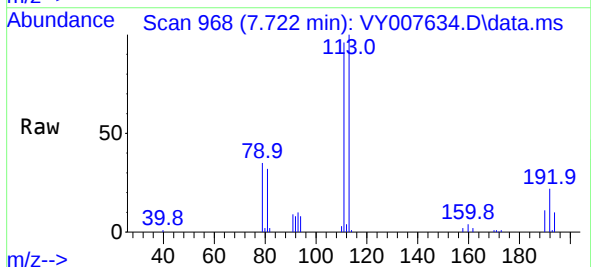
Instrument :
MSVOA_Y
ClientSampleId :
VY0225SBL01

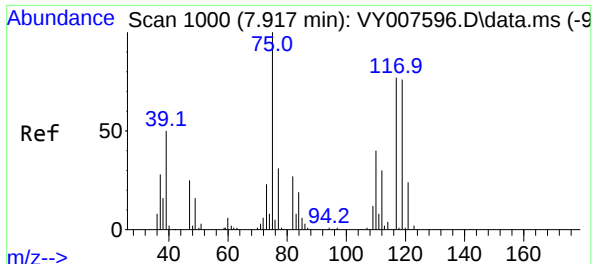
Tgt Ion:114 Resp: 108087
Ion Ratio Lower Upper
114 100
63 16.0 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.034 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

Tgt Ion:113 Resp: 35488
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 20.4 17.6 26.4

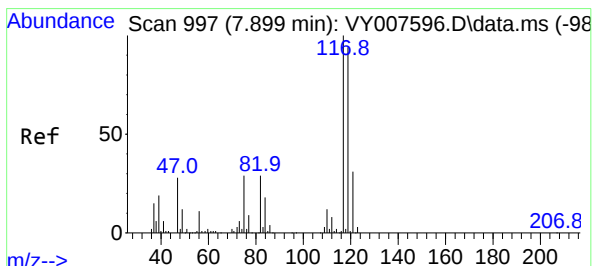
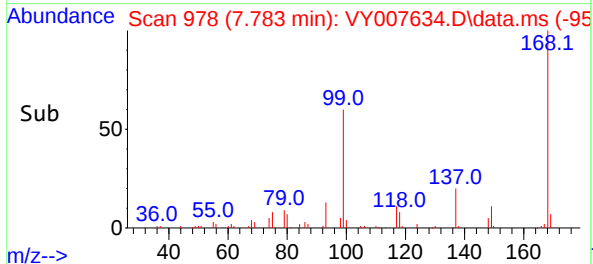
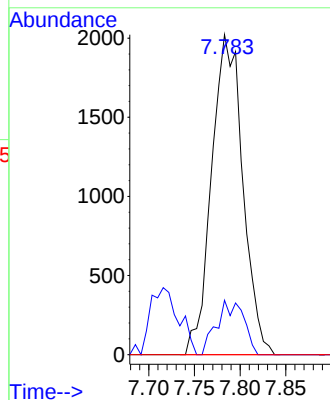
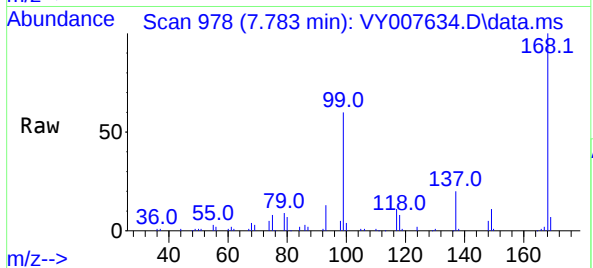




#36
1,1-Dichloropropene
Concen: 4.875 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

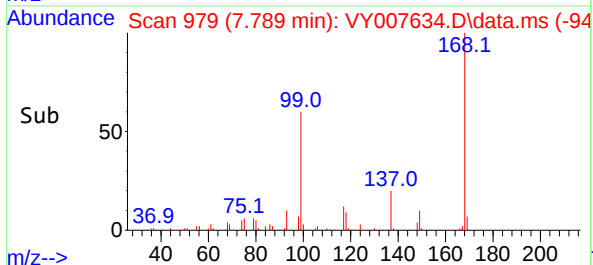
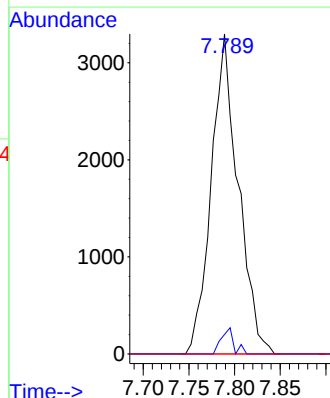
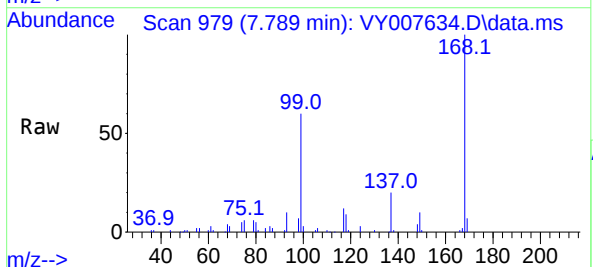
Instrument :
MSVOA_Y
ClientSampleId :
VY0225SBL01

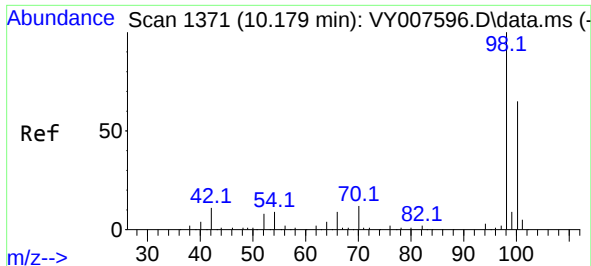
Tgt Ion: 75 Resp: 4791
Ion Ratio Lower Upper
75 100
110 14.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.689 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

Tgt Ion: 117 Resp: 6749
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#

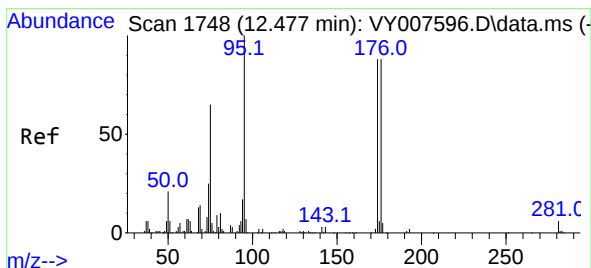
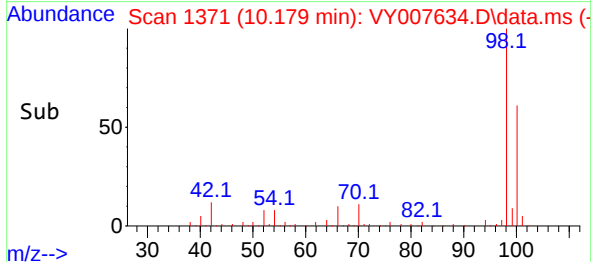
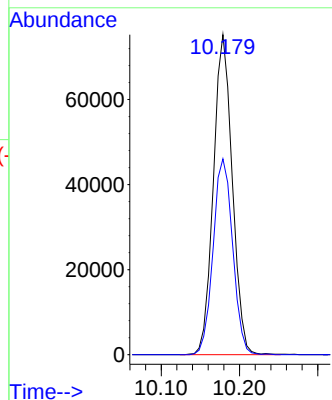
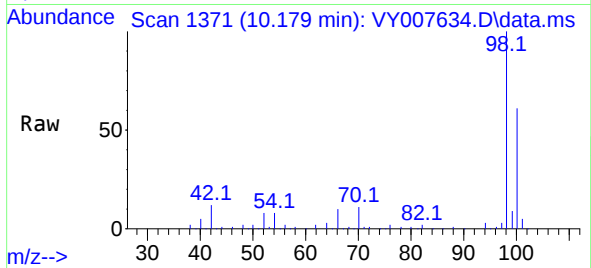




#50
Toluene-d8
Concen: 49.969 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

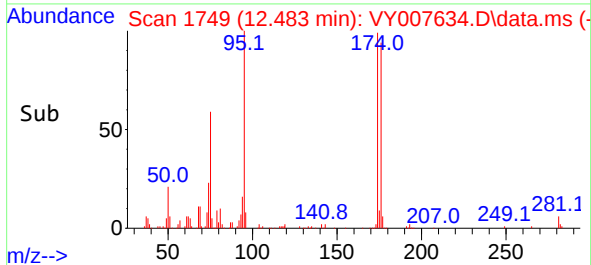
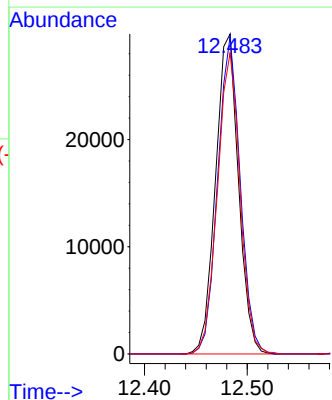
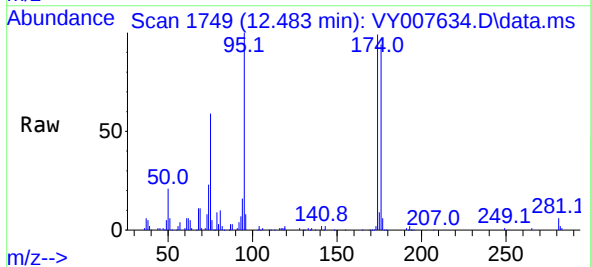
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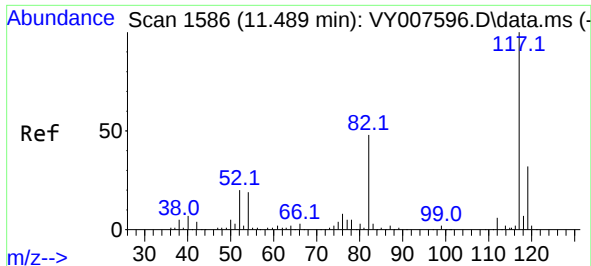
Tgt Ion: 98 Resp: 126080
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.631 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

Tgt Ion: 95 Resp: 46250
Ion Ratio Lower Upper
95 100
174 97.0 0.0 177.0
176 92.9 0.0 175.8

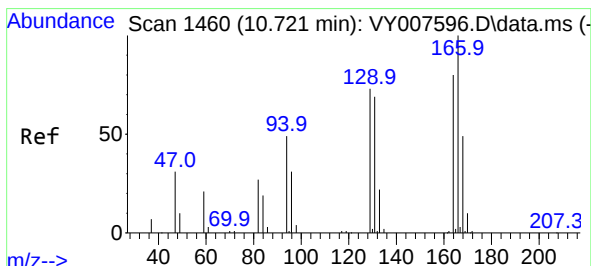
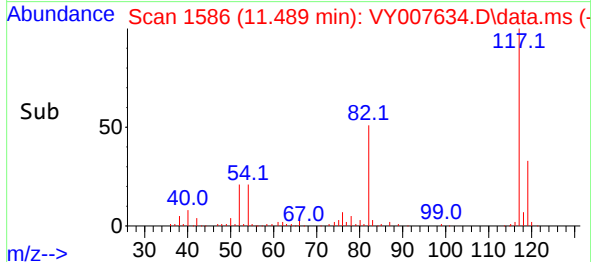
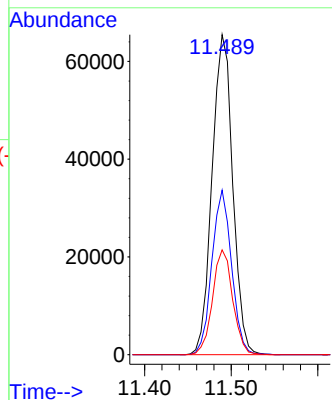
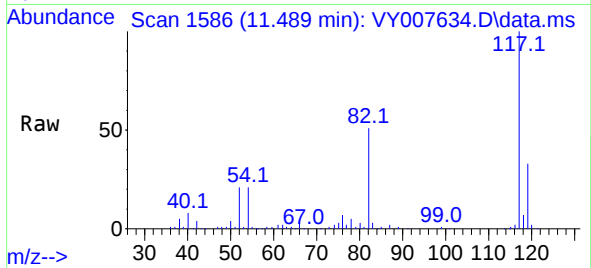




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

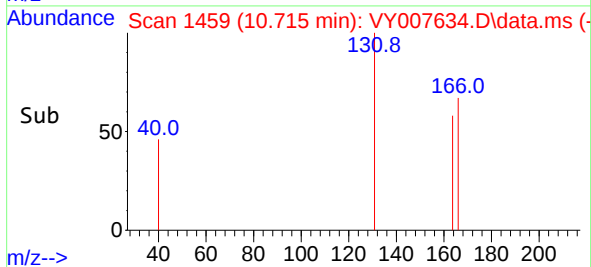
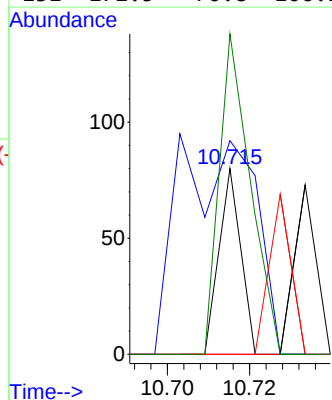
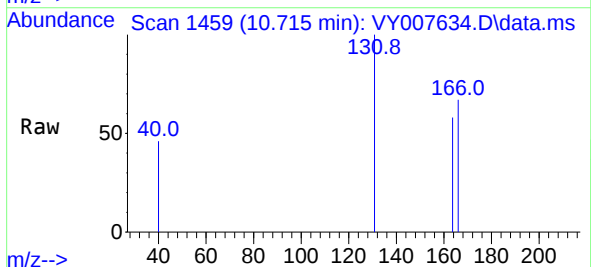
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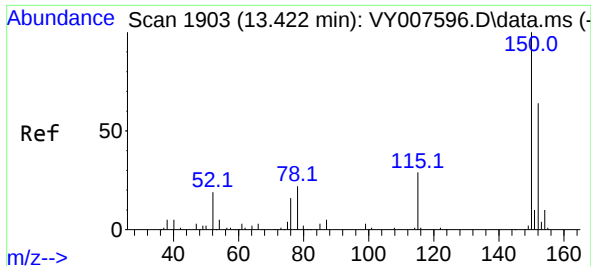
Tgt Ion:117 Resp: 108446
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: Below Cal
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

Tgt Ion:164 Resp: 29
Ion Ratio Lower Upper
164 100
166 115.0 100.4 150.6
129 0.0 71.4 107.0#
131 172.5 70.8 106.2#

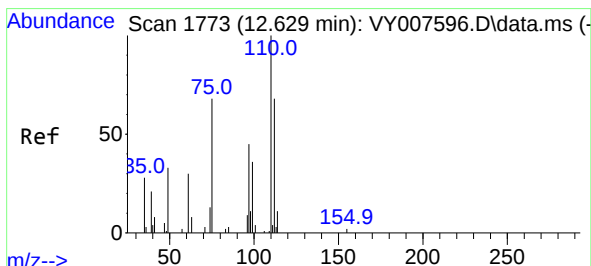
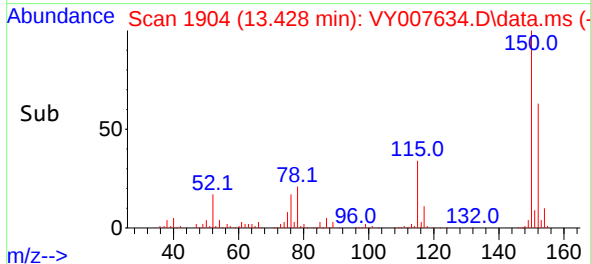
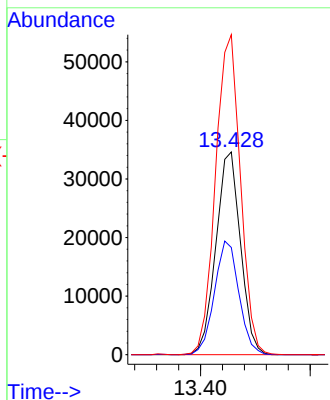
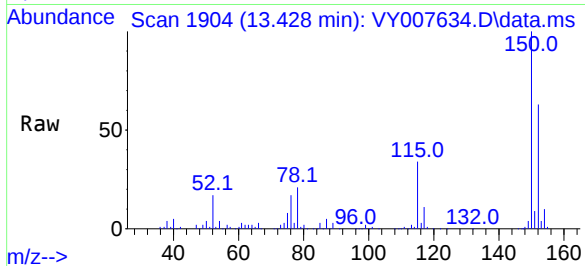




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007634.D
 Acq: 25 Feb 2022 13:36

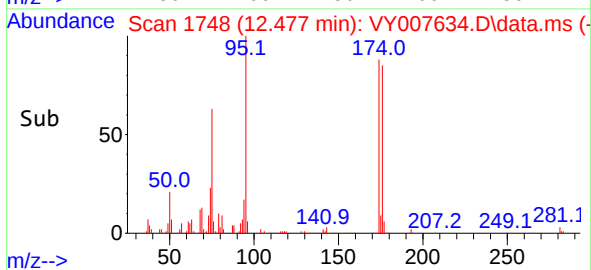
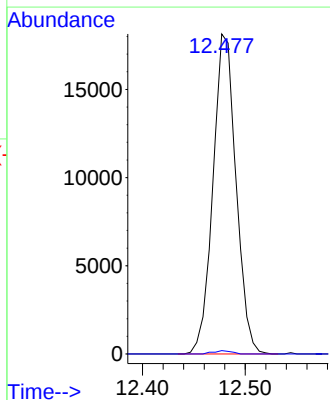
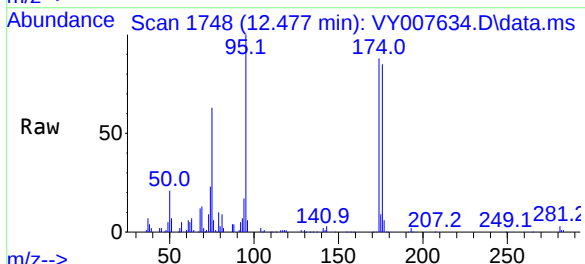
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0225SBL01

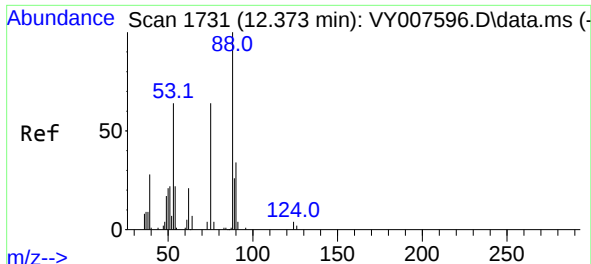
Tgt Ion:152 Resp: 53859
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.2 84.7
 150 160.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 52.388 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY007634.D
 Acq: 25 Feb 2022 13:36

Tgt Ion: 75 Resp: 28220
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#

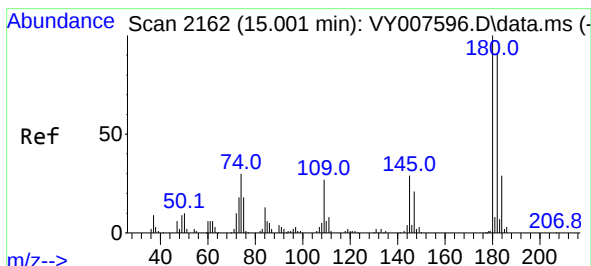
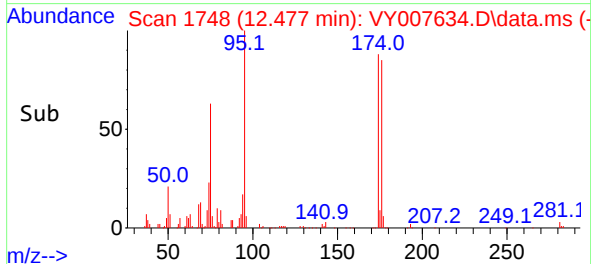
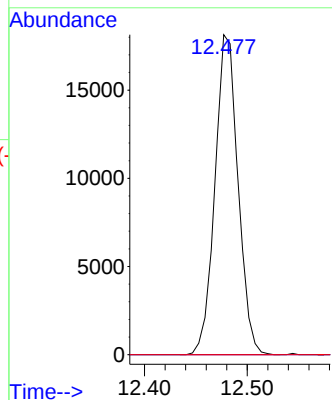
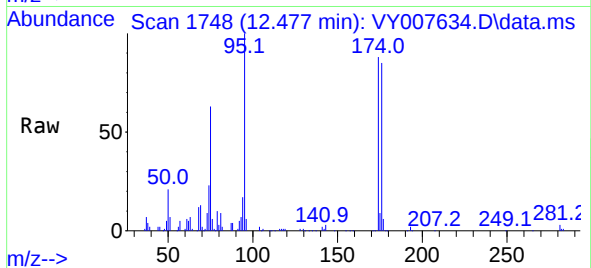




#81
trans-1,4-Dichloro-2-butene
Concen: 112.643 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

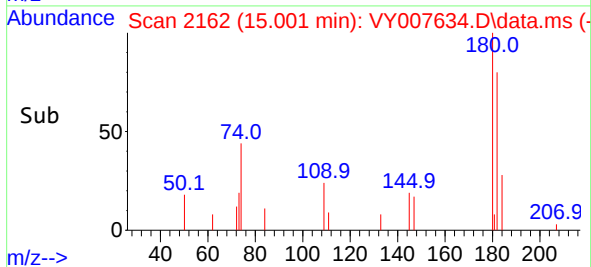
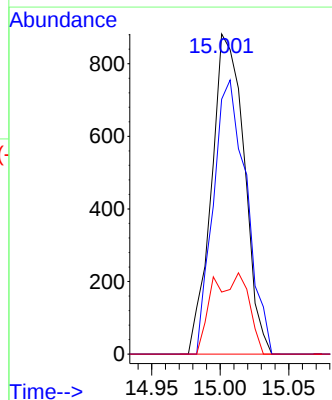
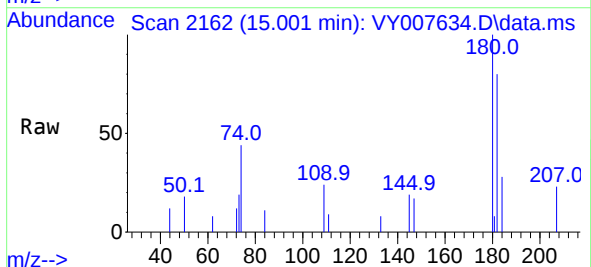
Instrument :
MSVOA_Y
ClientSampleId :
VY0225SBL01

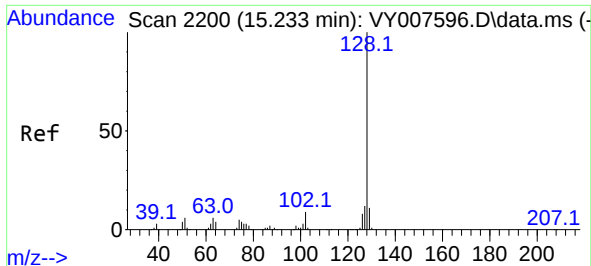
Tgt Ion: 75 Resp: 28220
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 1.152 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

Tgt Ion: 180 Resp: 1466
Ion Ratio Lower Upper
180 100
182 86.6 47.3 141.9
145 28.0 14.6 43.8

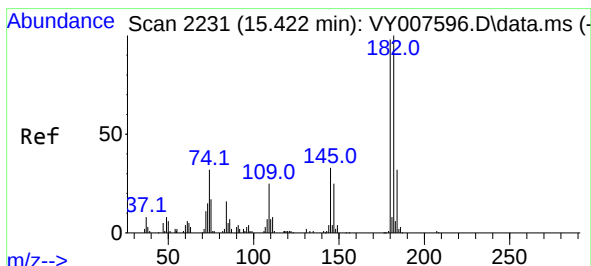
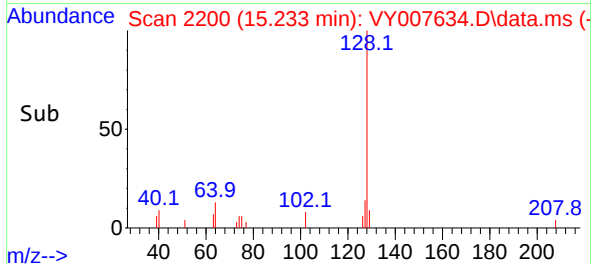
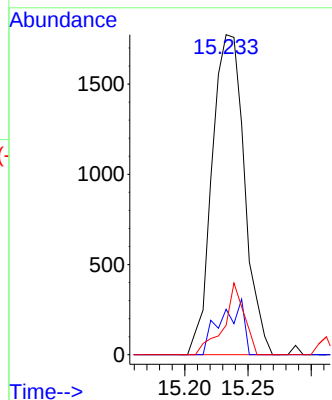
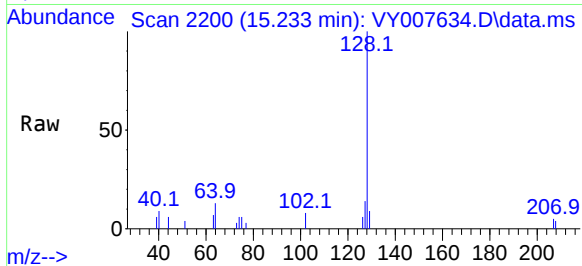




#95
Naphthalene
Concen: 1.156 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0225SBL01

Tgt Ion:	128	Resp:	3158
Ion	Ratio	Lower	Upper
128	100		
127	12.4	11.0	16.4
129	14.1	8.4	12.6#



#96
1,2,3-Trichlorobenzene
Concen: 1.213 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY007634.D
Acq: 25 Feb 2022 13:36

Tgt Ion:	180	Resp:	1334
Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.3	141.9
145	27.7	15.3	45.9

