

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007540.D
 Acq On : 18 Feb 2022 12:18
 Operator : SY/MD
 Sample : VY0218SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBL01

Quant Time: Feb 19 04:18:34 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)

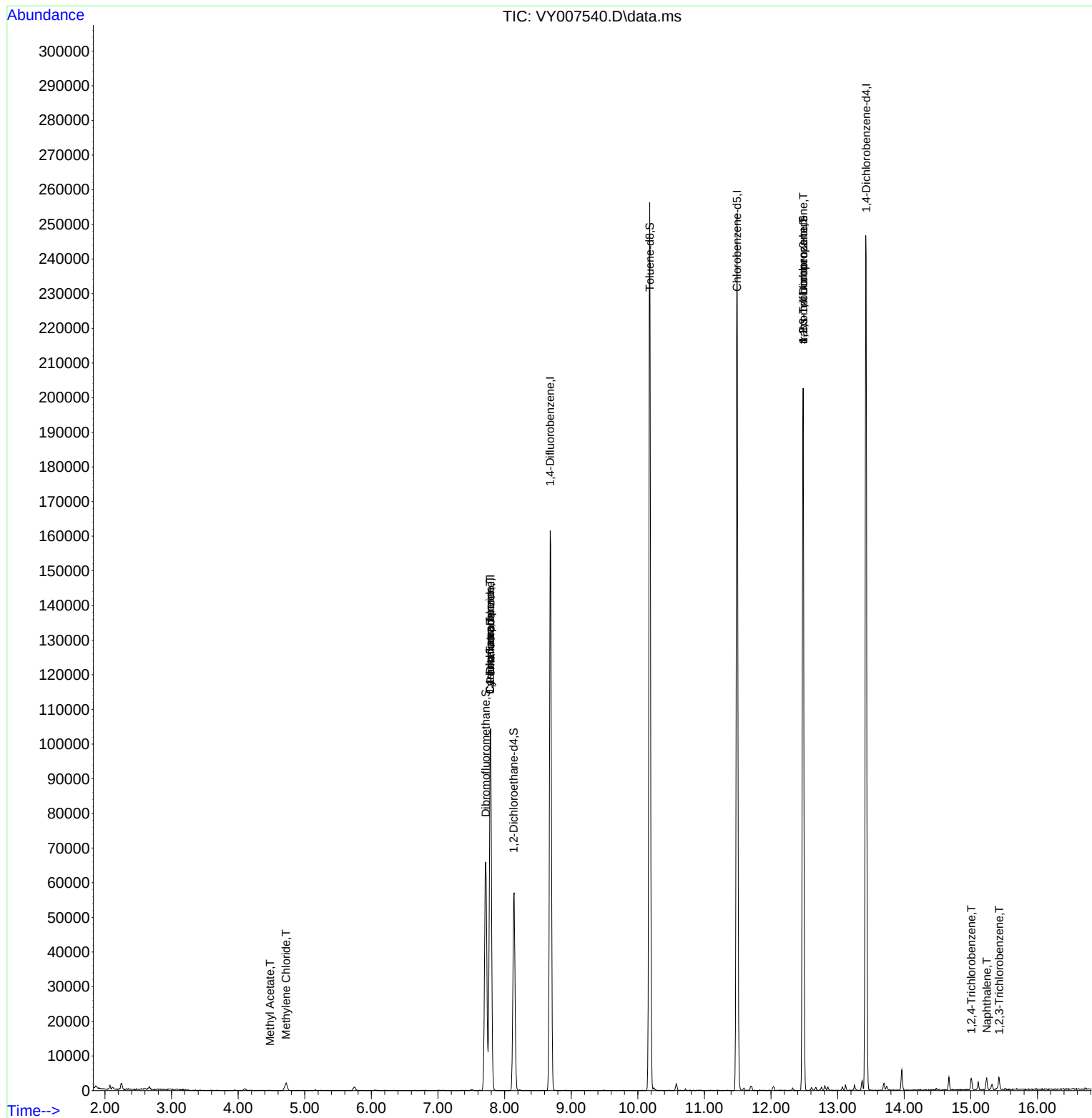
Internal Standards						
1) Pentafluorobenzene	7.789	168	80736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	141764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	135773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	46519	52.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.380%	
35) Dibromofluoromethane	7.716	113	46330	51.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.640%	
50) Toluene-d8	10.179	98	169016	49.776	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	12.483	95	61533	53.444	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.880%	
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	446	Below Cal		95
5) Bromomethane	2.662	94	460	Below Cal		93
18) Methyl Acetate	4.478	43	115	1.578	ug/l #	56
20) Methylene Chloride	4.716	84	1781	1.837	ug/l #	68
31) Cyclohexane	7.783	56	1687	1.070	ug/l #	13
36) 1,1-Dichloropropene	7.783	75	5816	4.015	ug/l #	53
38) Carbon Tetrachloride	7.783	117	8084	4.912	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	33952	46.888	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33952	97.454	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.007	180	1306	1.067	ug/l	92
95) Naphthalene	15.239	128	2978	1.117	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.428	180	1215	1.148	ug/l	95

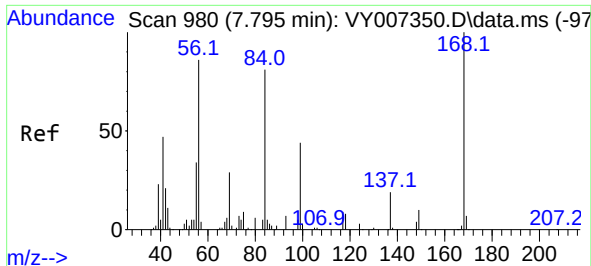
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007540.D
Acq On : 18 Feb 2022 12:18
Operator : SY/MD
Sample : VY0218SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBL01

Quant Time: Feb 19 04:18:34 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

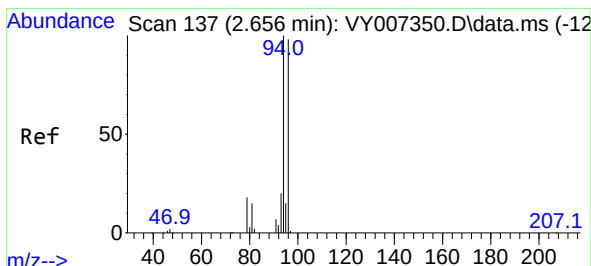
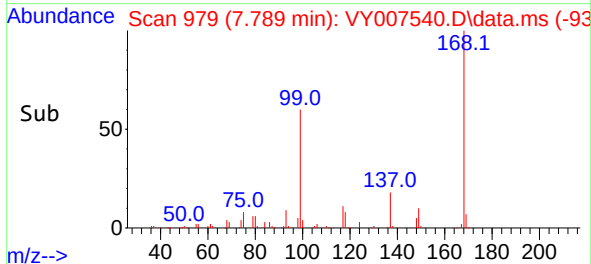
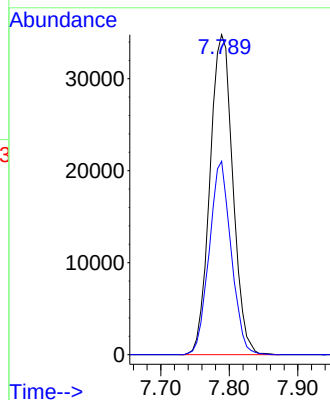
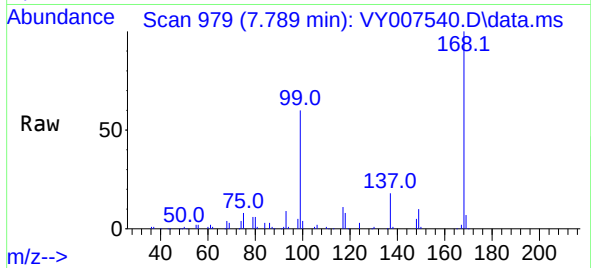




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

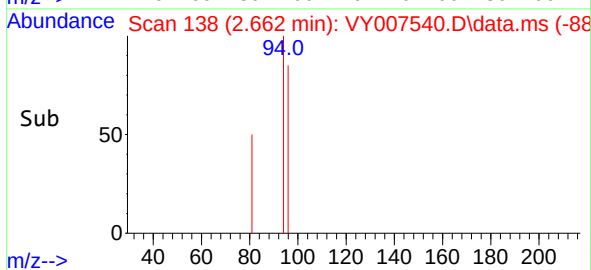
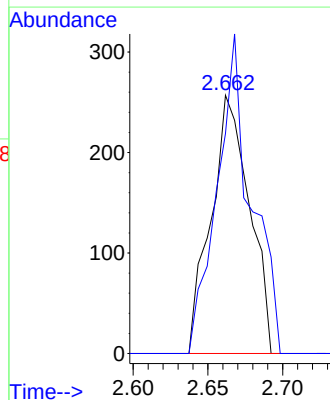
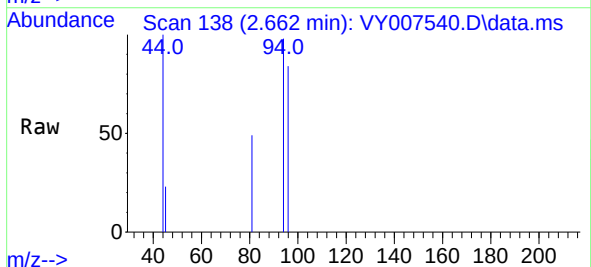
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBL01

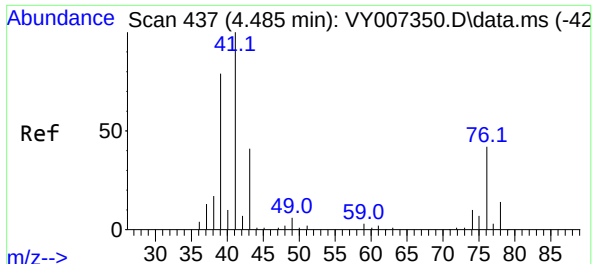
Tgt Ion:168 Resp: 80736
Ion Ratio Lower Upper
168 100
99 60.5 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

Tgt Ion: 94 Resp: 460
Ion Ratio Lower Upper
94 100
96 85.2 73.5 110.3

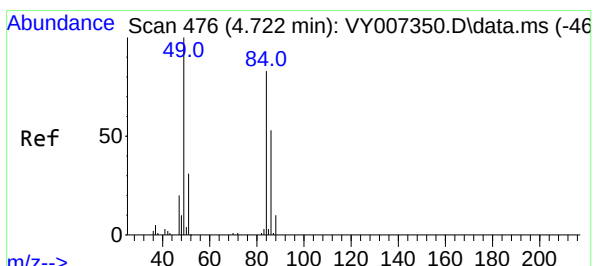
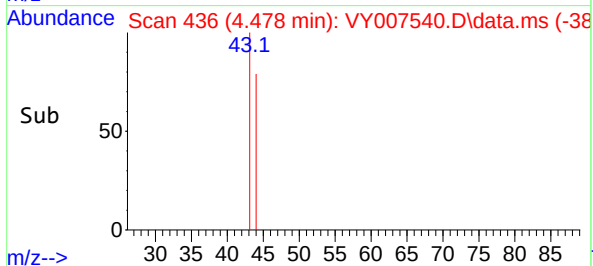
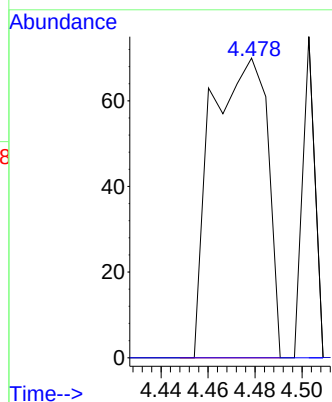
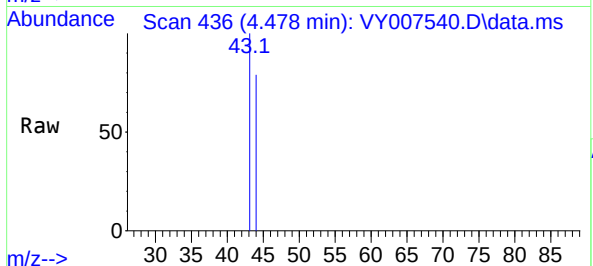




#18
Methyl Acetate
Concen: 1.578 ug/l
RT: 4.478 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

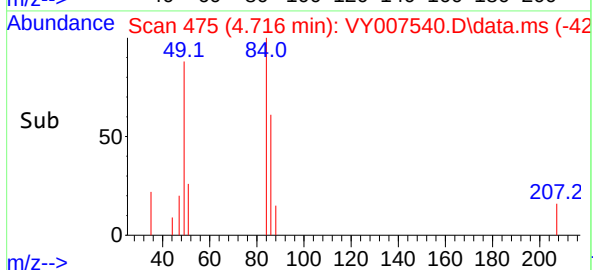
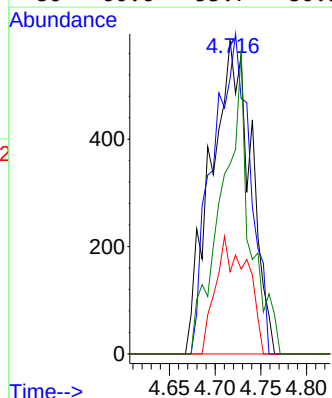
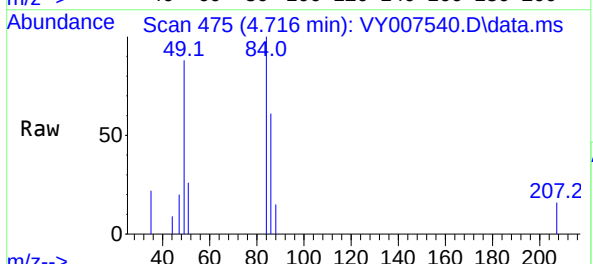
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBL01

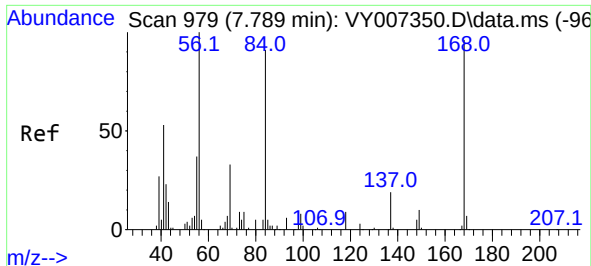
Tgt Ion: 43 Resp: 115
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.837 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

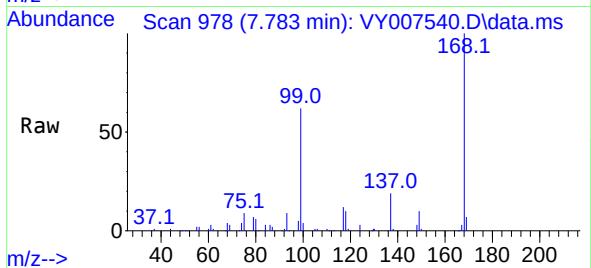
Tgt Ion: 84 Resp: 1781
Ion Ratio Lower Upper
84 100
49 88.0 114.4 171.6#
51 26.2 35.3 52.9#
86 60.6 53.7 80.5



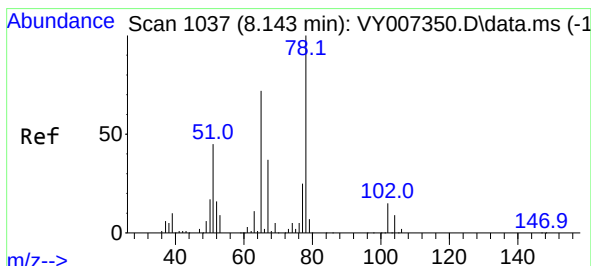
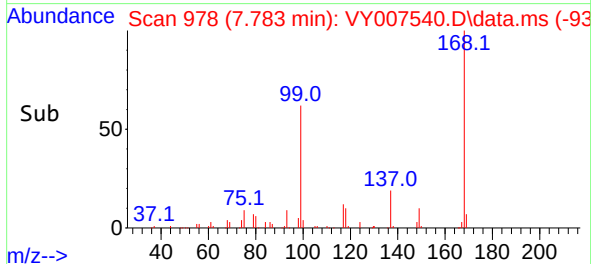
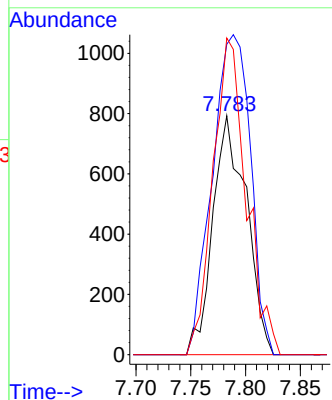


#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBL01

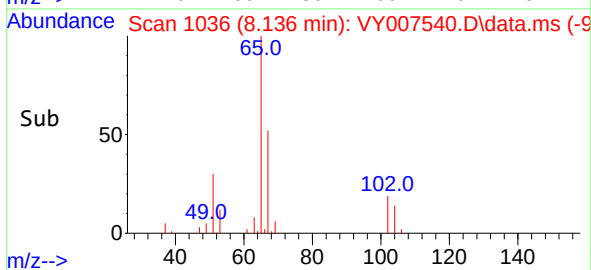
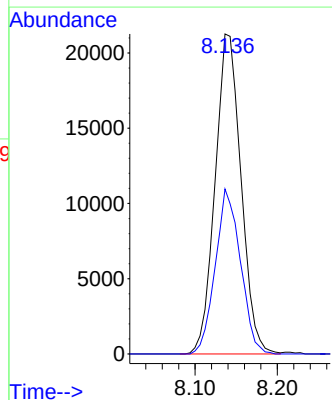
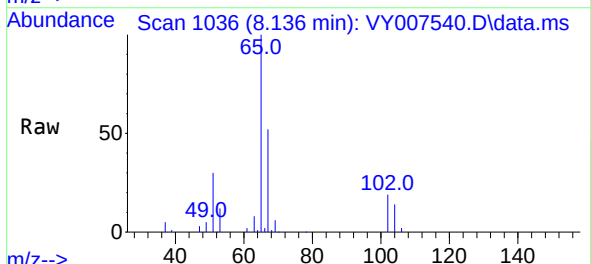


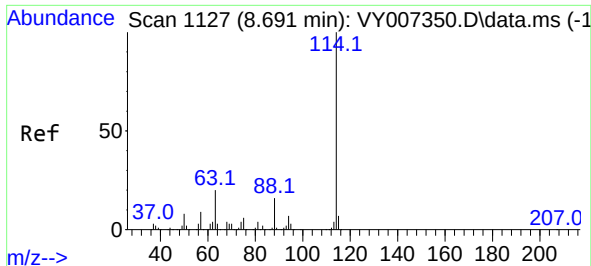
Tgt Ion: 56 Resp: 1687
Ion Ratio Lower Upper
56 100
69 129.9 26.7 40.1#
84 132.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.188 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

Tgt Ion: 65 Resp: 46519
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007540.D

Acq: 18 Feb 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0218SBL01

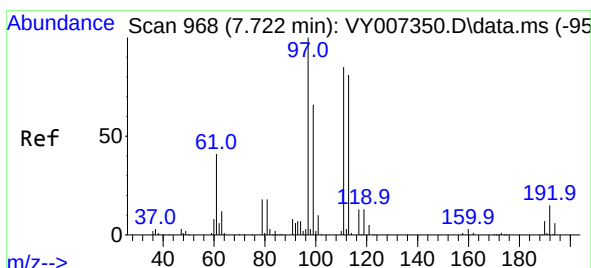
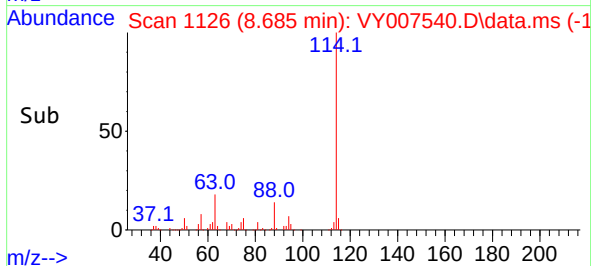
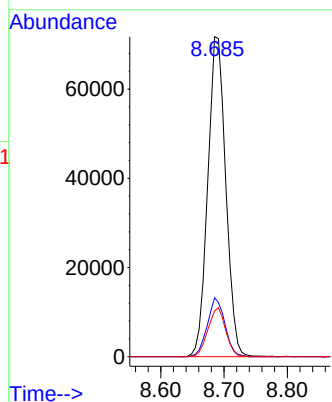
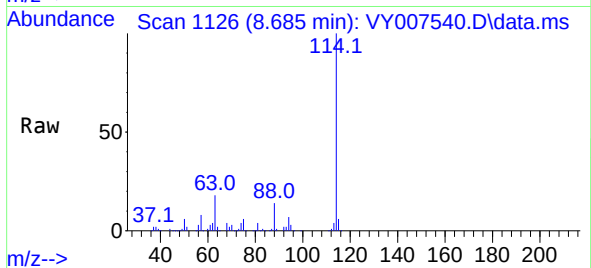
Tgt Ion:114 Resp: 141764

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.823 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007540.D

Acq: 18 Feb 2022 12:18

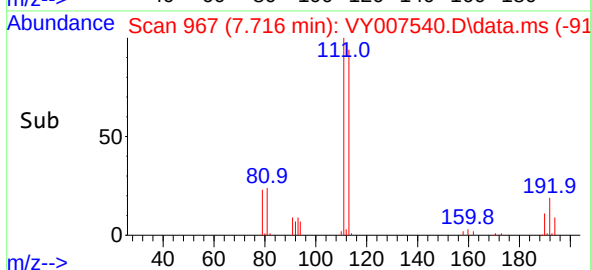
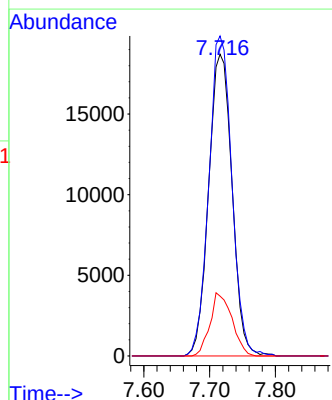
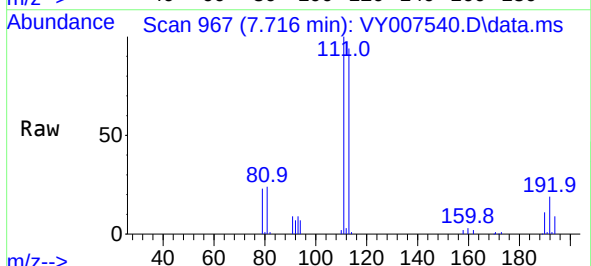
Tgt Ion:113 Resp: 46330

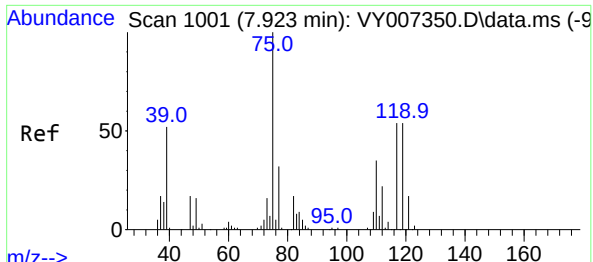
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 19.6 17.6 26.4

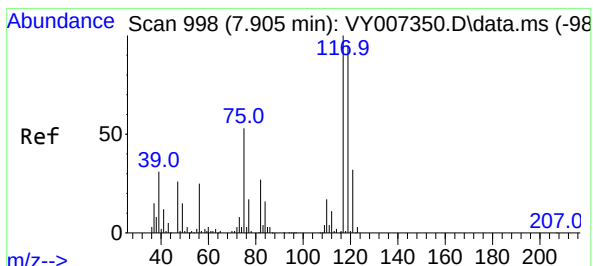
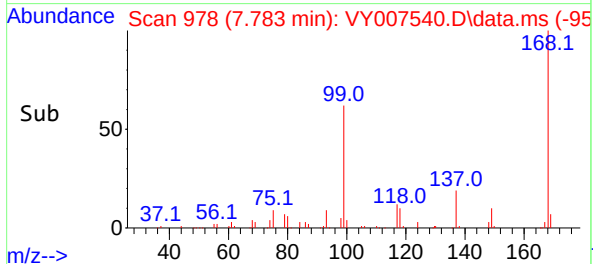
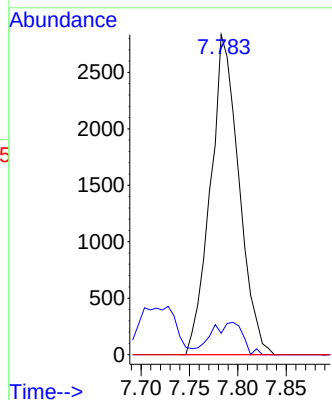
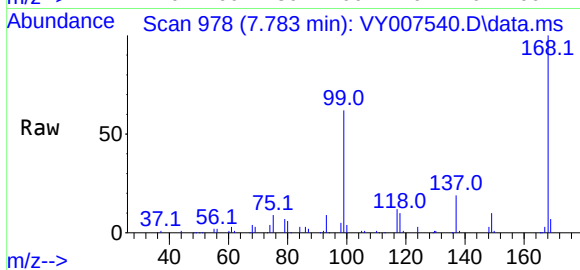




#36
1,1-Dichloropropene
Concen: 4.015 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

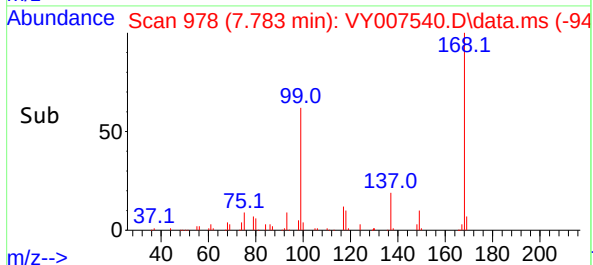
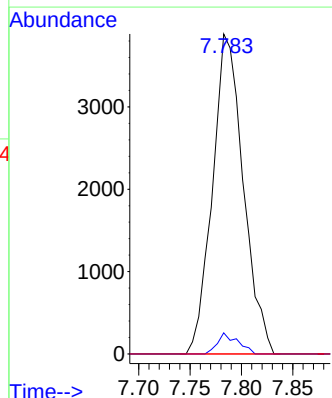
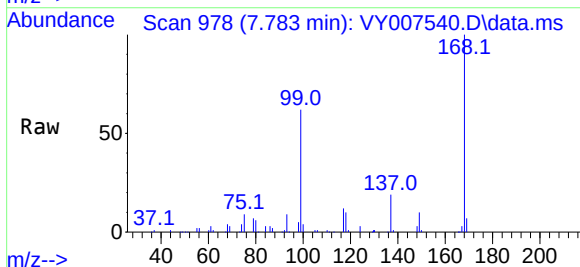
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBL01

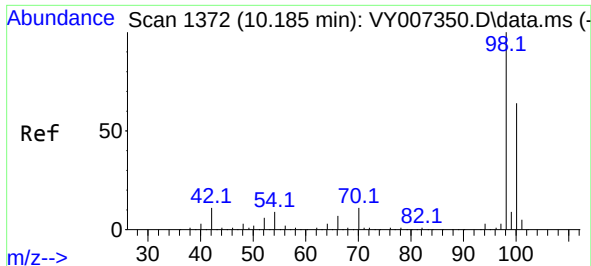
Tgt Ion: 75 Resp: 5816
Ion Ratio Lower Upper
75 100
110 11.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.912 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

Tgt Ion: 117 Resp: 8084
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#

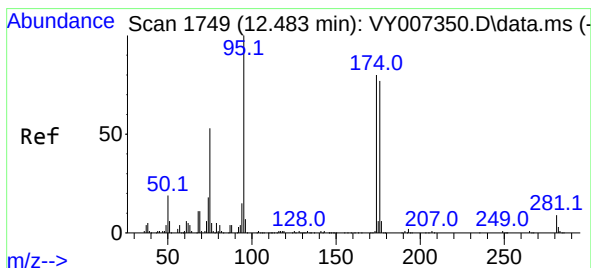
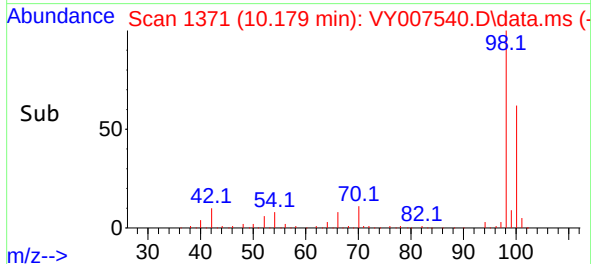
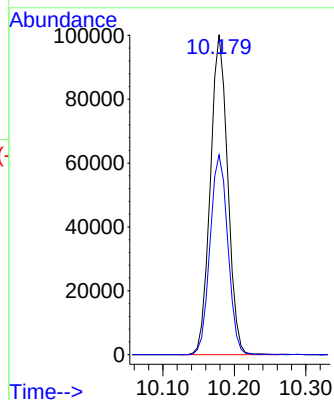
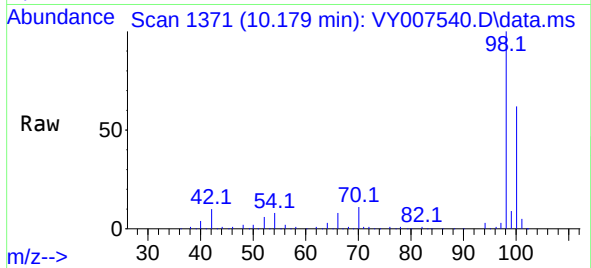




#50
Toluene-d8
Concen: 49.776 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

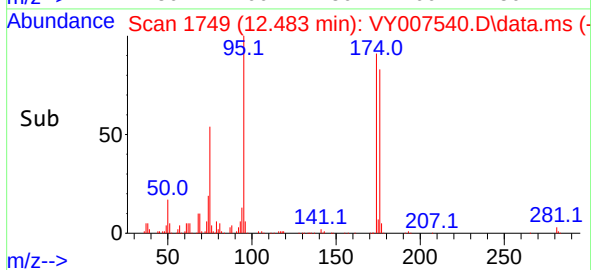
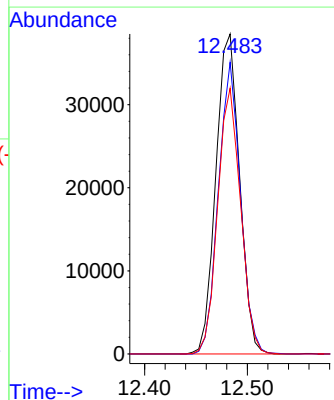
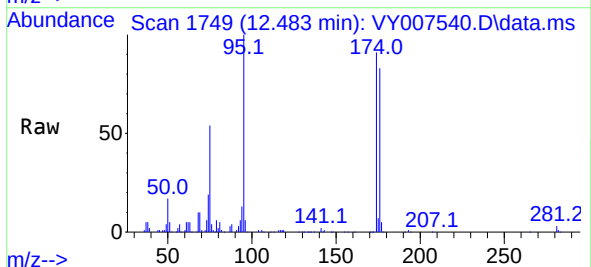
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBL01

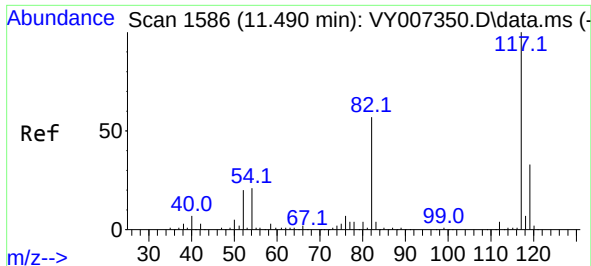
Tgt Ion: 98 Resp: 169016
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.444 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

Tgt Ion: 95 Resp: 61533
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 80.4 0.0 175.8

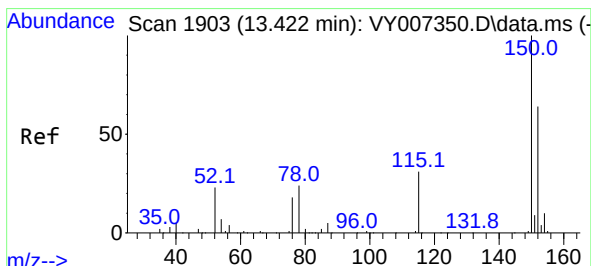
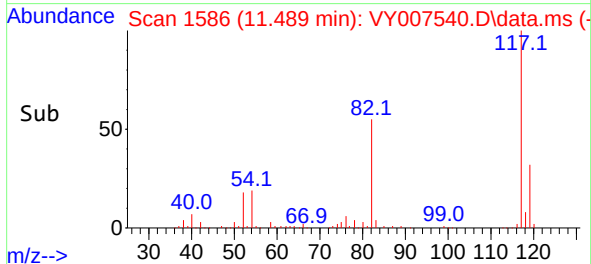
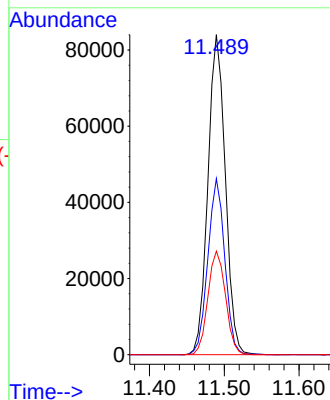
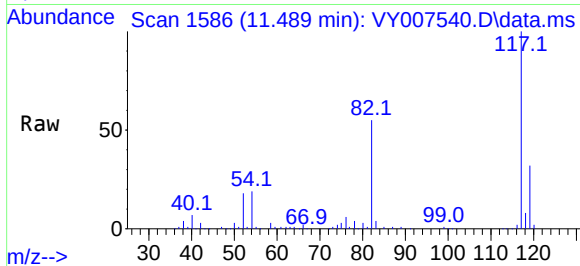




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

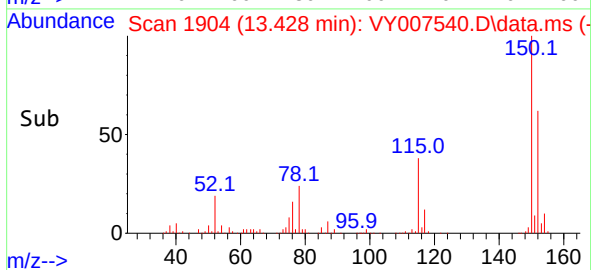
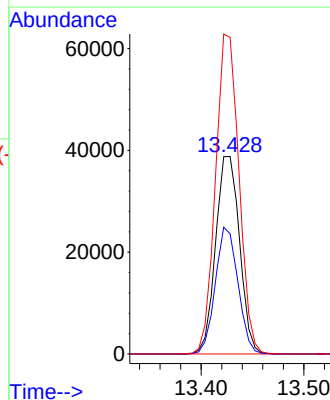
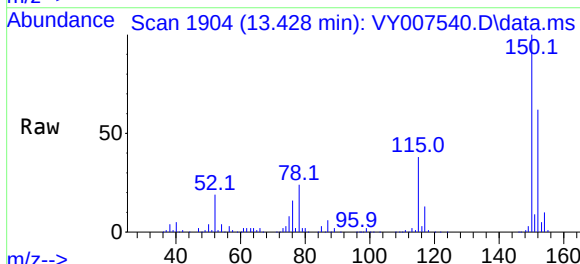
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBL01

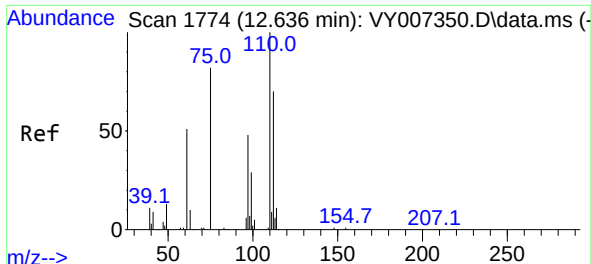
Tgt Ion:117 Resp: 135773
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

Tgt Ion:152 Resp: 62669
Ion Ratio Lower Upper
152 100
115 60.8 28.2 84.7
150 158.7 0.0 347.6

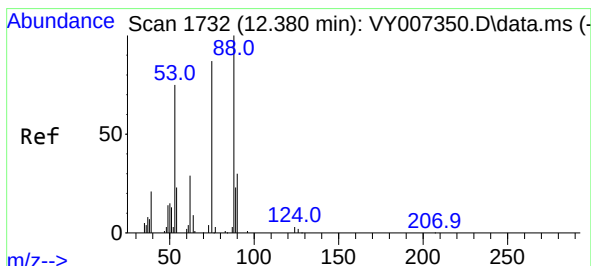
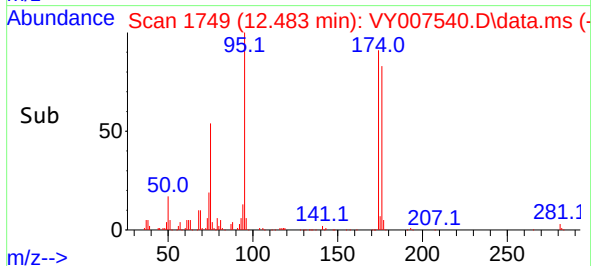
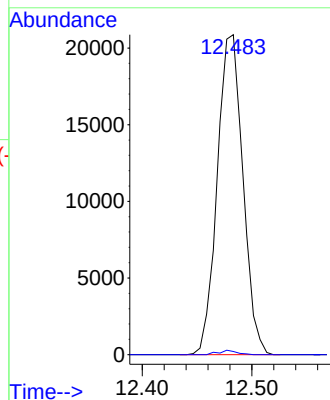
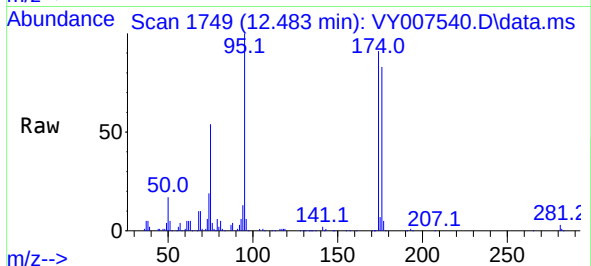




#76
1,2,3-Trichloropropane
Concen: 46.888 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

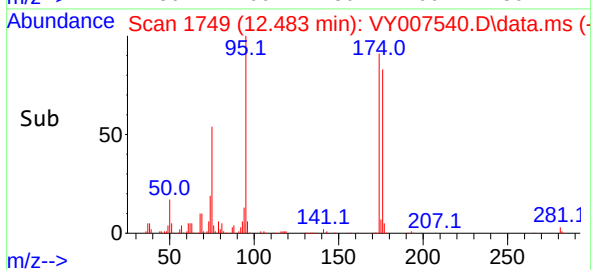
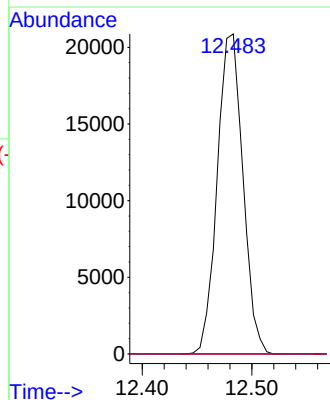
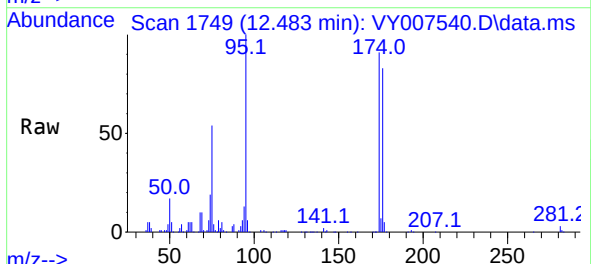
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBL01

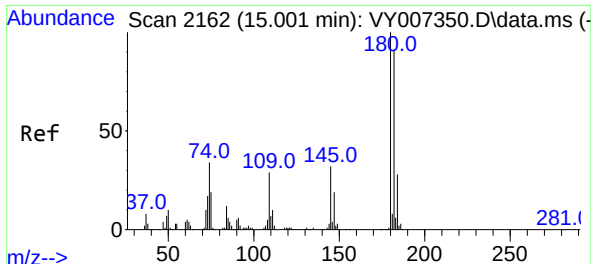
Tgt Ion: 75 Resp: 33952
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.454 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

Tgt Ion: 75 Resp: 33952
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

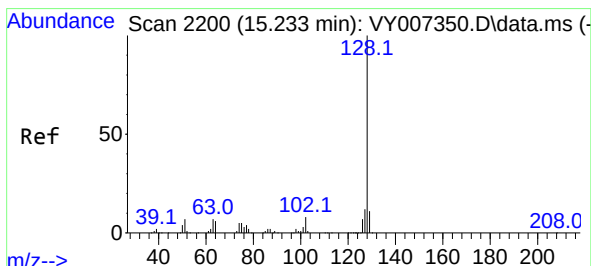
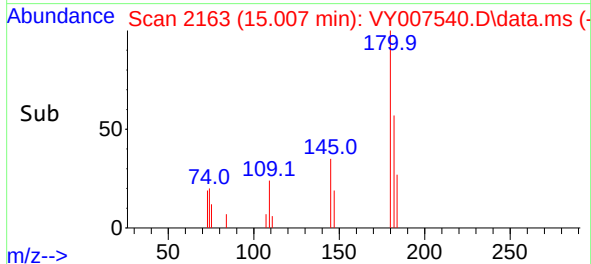
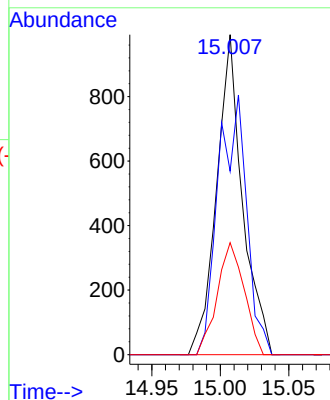
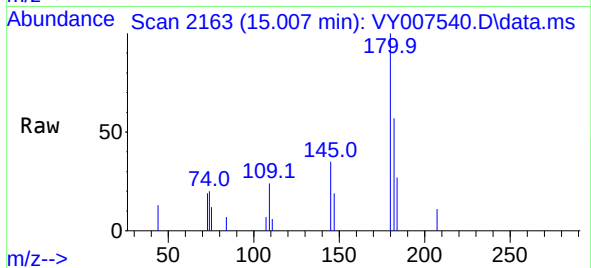




#93
1,2,4-Trichlorobenzene
Concen: 1.067 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

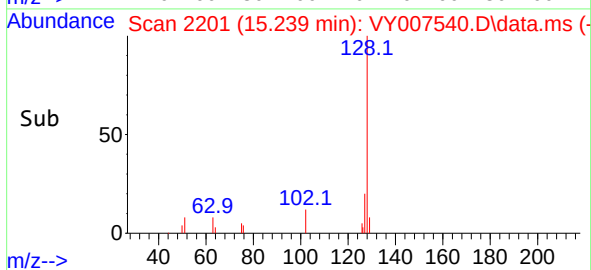
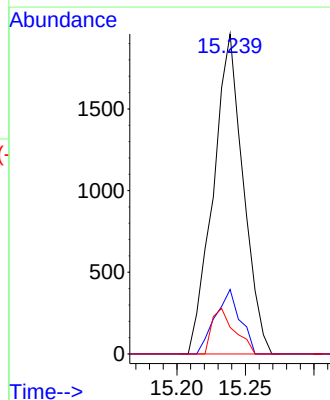
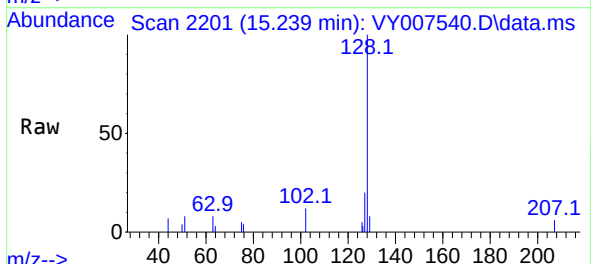
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBL01

Tgt Ion:180	Resp:	1306
Ion Ratio	Lower	Upper
180	100	
182	88.6	47.3 141.9
145	36.3	14.6 43.8

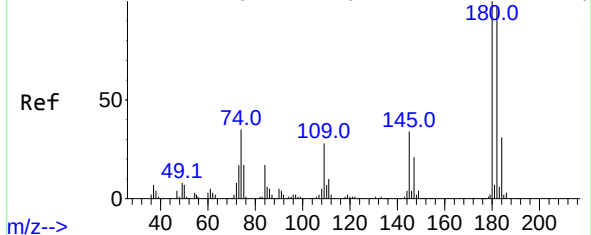


#95
Naphthalene
Concen: 1.117 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

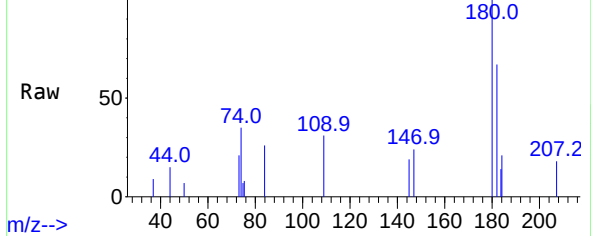
Tgt Ion:128	Resp:	2978
Ion Ratio	Lower	Upper
128	100	
127	16.8	11.0 16.4#
129	10.7	8.4 12.6



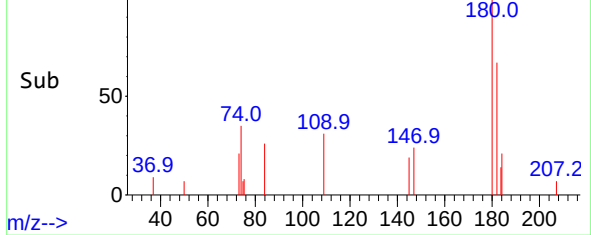
Abundance Scan 2231 (15.422 min): VY007350.D\data.ms (-



Abundance Scan 2232 (15.428 min): VY007540.D\data.ms (-



Abundance Scan 2232 (15.428 min): VY007540.D\data.ms (-



#96
1,2,3-Trichlorobenzene
Concen: 1.148 ug/l
RT: 15.428 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBL01

Tgt Ion:180	Resp:	1215	
Ion	Ratio	Lower	Upper
180	100		
182	98.1	47.3	141.9
145	36.7	15.3	45.9

