

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007516.D
 Acq On : 17 Feb 2022 12:09
 Operator : SY/MD
 Sample : VY0217SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0217SBL01

Quant Time: Feb 18 07:36:49 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)

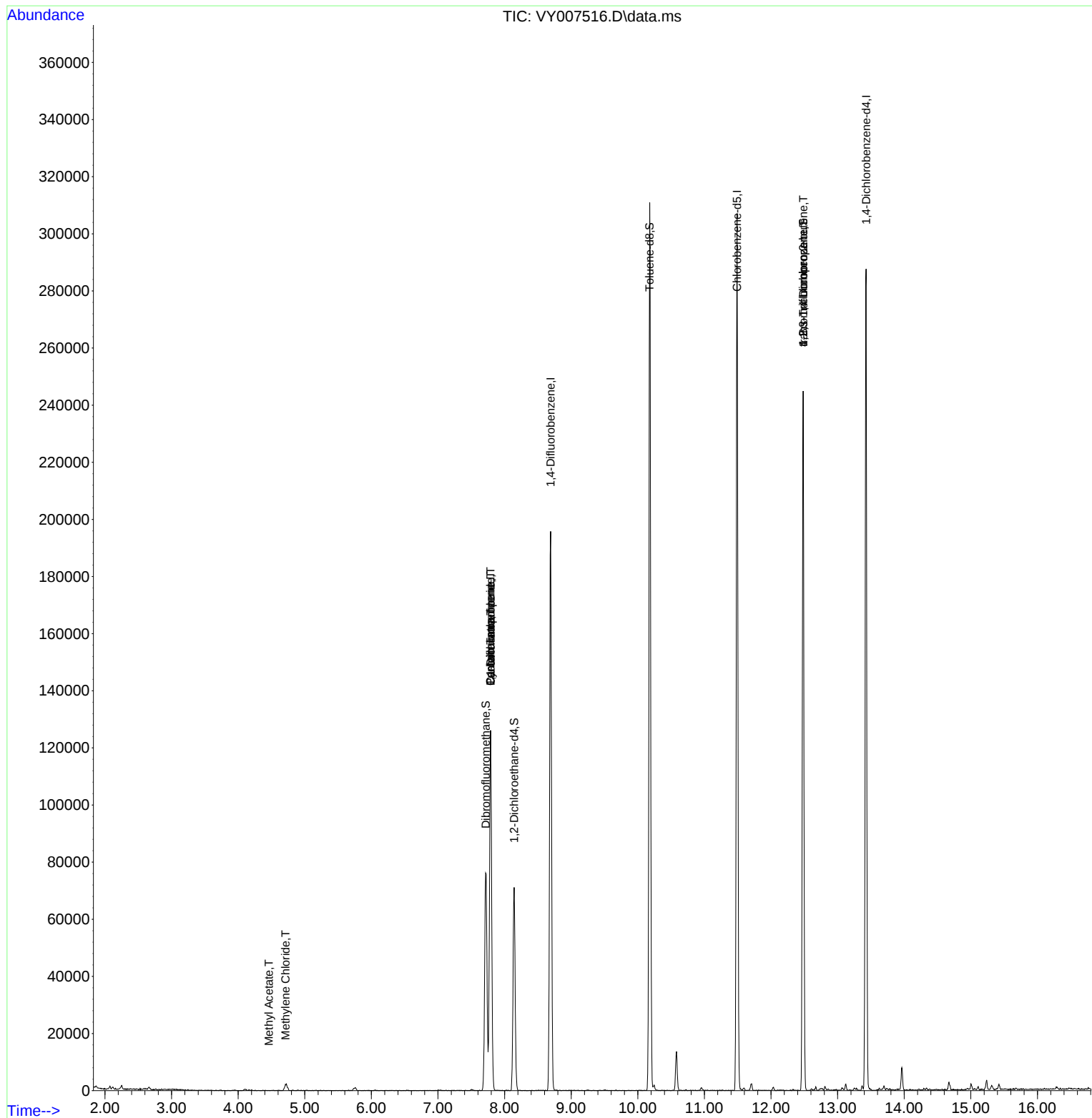
Internal Standards						
1) Pentafluorobenzene	7.789	168	95249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	171695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	165097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	55818	53.079	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 106.160%	
35) Dibromofluoromethane	7.716	113	55807	51.541	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 103.080%	
50) Toluene-d8	10.179	98	205183	49.893	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 99.780%	
62) 4-Bromofluorobenzene	12.483	95	73775	52.907	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 105.820%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	647	Below Cal		89
5) Bromomethane	2.668	94	511	Below Cal		96
18) Methyl Acetate	4.460	43	22	1.417	ug/l #	56
20) Methylene Chloride	4.710	84	1941	1.697	ug/l #	76
31) Cyclohexane	7.789	56	2059	1.107	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	7169	4.087	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10045	5.039	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	39685	46.318	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39685	96.269	ug/l #	7

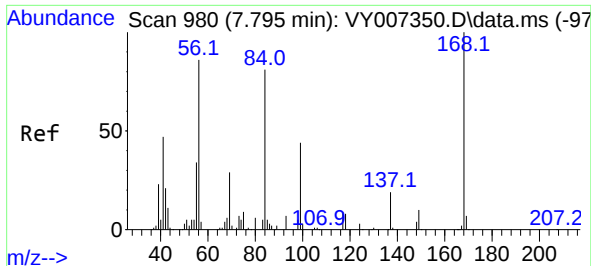
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
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Quant Time: Feb 18 07:36:49 2022
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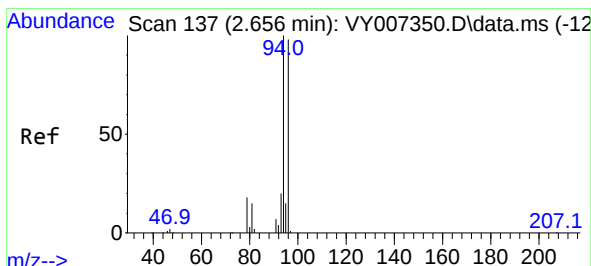
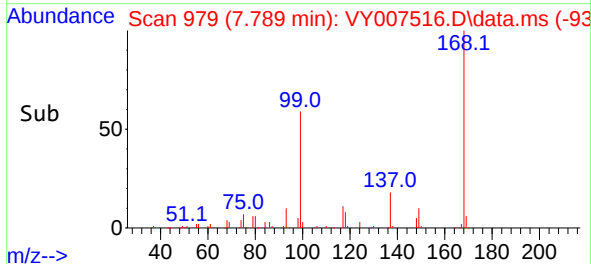
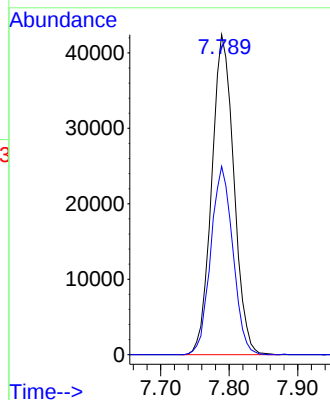
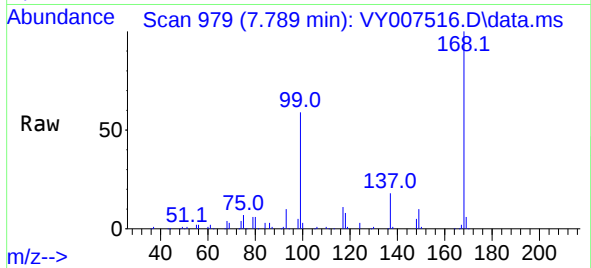




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007516.D
Acq: 17 Feb 2022 12:09

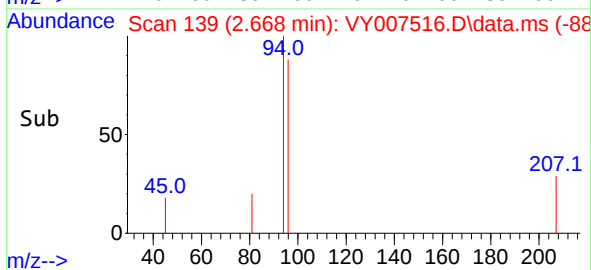
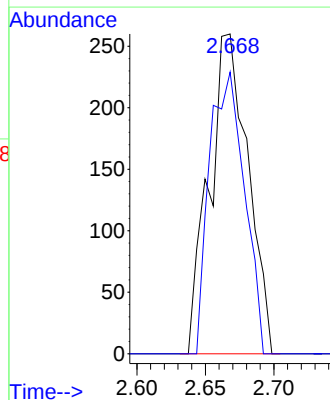
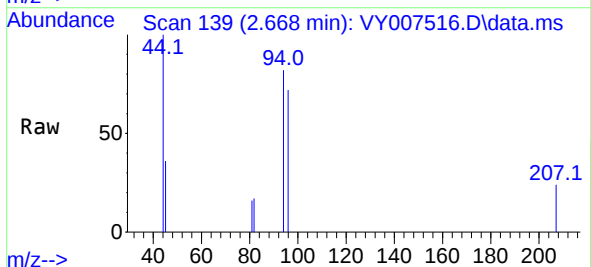
Instrument :
MSVOA_Y
ClientSampleId :
VY0217SBL01

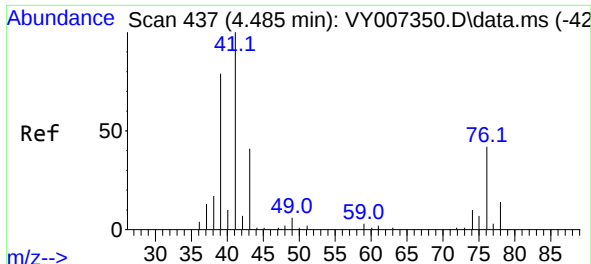
Tgt Ion:168 Resp: 95249
Ion Ratio Lower Upper
168 100
99 58.8 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY007516.D
Acq: 17 Feb 2022 12:09

Tgt Ion: 94 Resp: 511
Ion Ratio Lower Upper
94 100
96 88.1 73.5 110.3

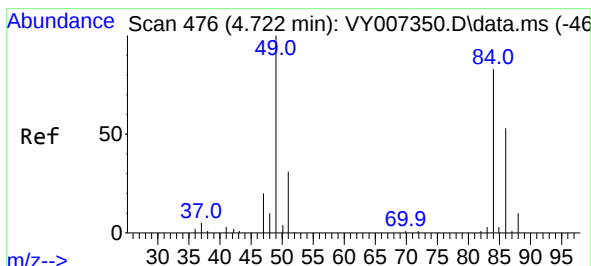
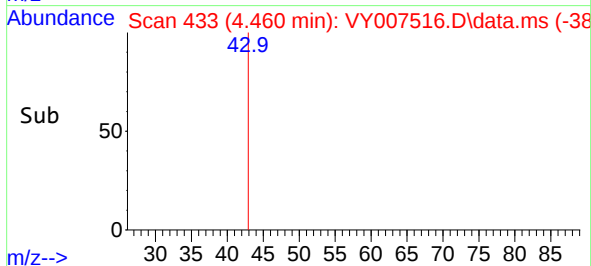
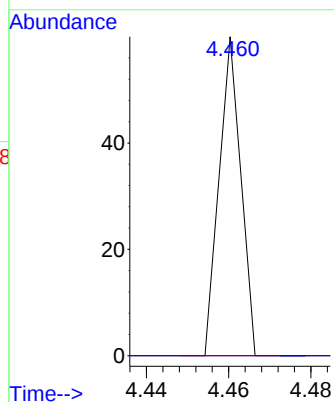
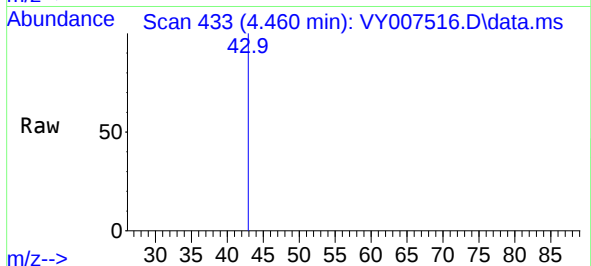




#18
Methyl Acetate
Concen: 1.417 ug/l
RT: 4.460 min Scan# 41
Delta R.T. -0.025 min
Lab File: VY007516.D
Acq: 17 Feb 2022 12:09

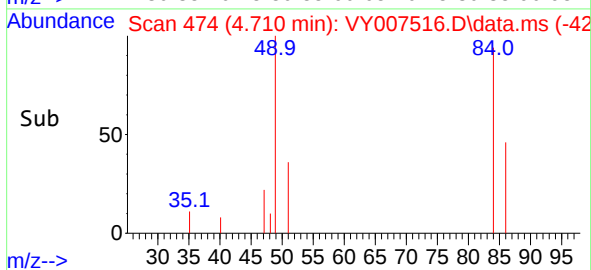
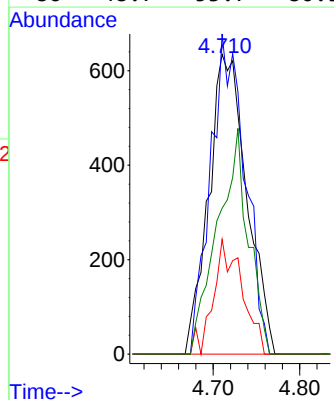
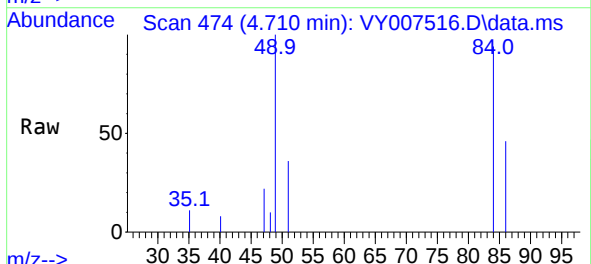
Instrument :
MSVOA_Y
ClientSampleId :
VY0217SBL01

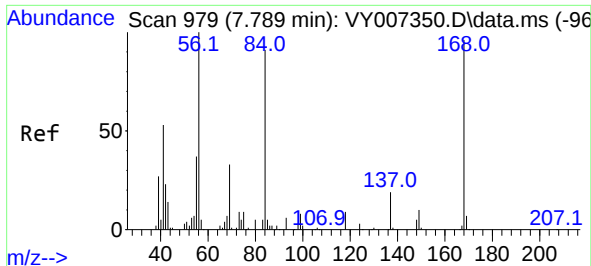
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.697 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY007516.D
Acq: 17 Feb 2022 12:09

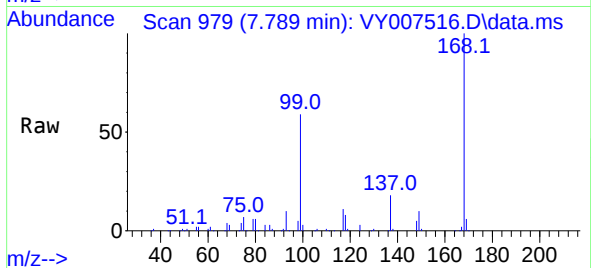
Tgt Ion: 84 Resp: 1941
Ion Ratio Lower Upper
84 100
49 106.8 114.4 171.6#
51 38.3 35.3 52.9
86 48.7 53.7 80.5#



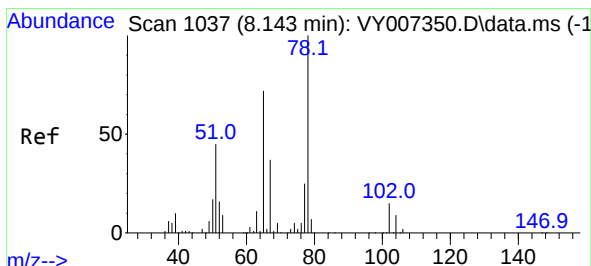
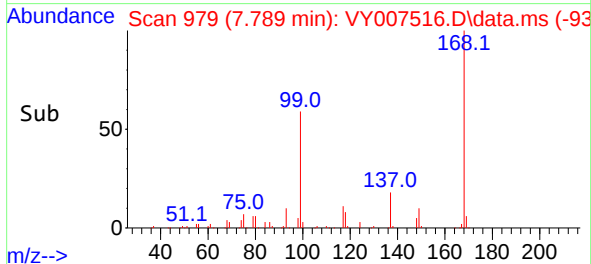
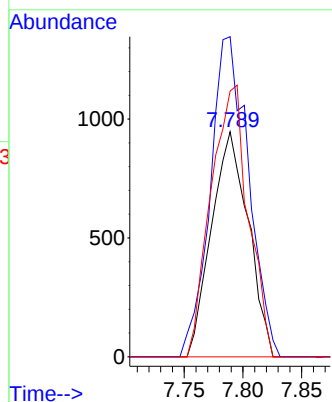


#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007516.D
Acq: 17 Feb 2022 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0217SBL01

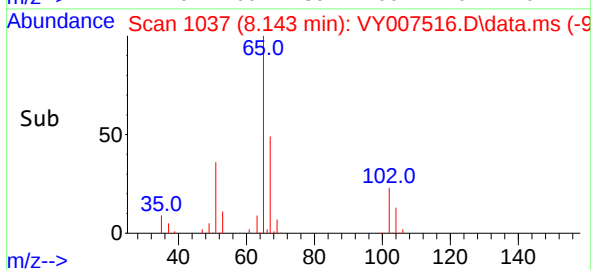
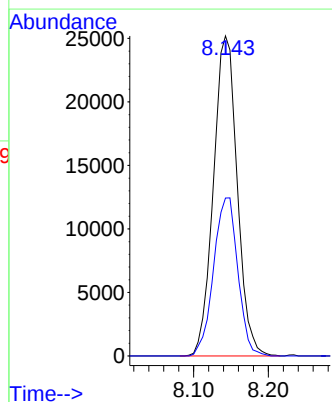
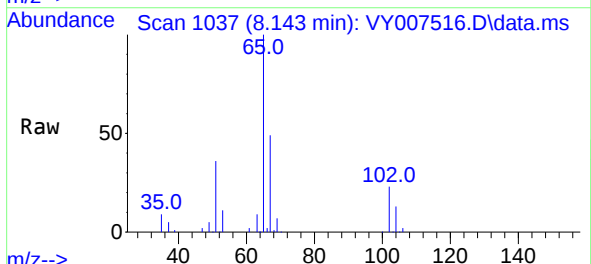


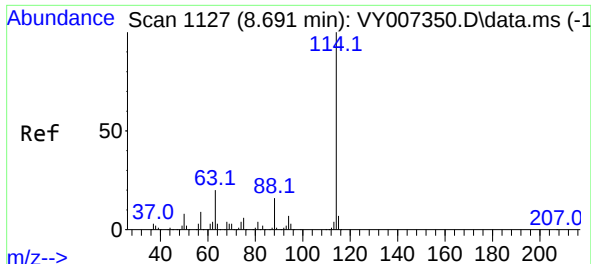
Tgt Ion: 56 Resp: 2059
Ion Ratio Lower Upper
56 100
69 142.2 26.7 40.1#
84 118.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.079 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007516.D
Acq: 17 Feb 2022 12:09

Tgt Ion: 65 Resp: 55818
Ion Ratio Lower Upper
65 100
67 50.3 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: VY007516.D

Acq: 17 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0217SBL01

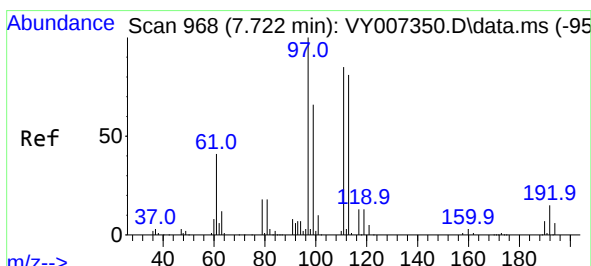
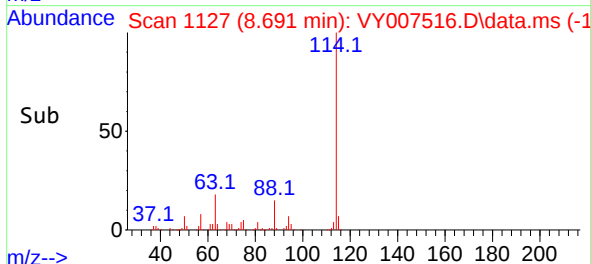
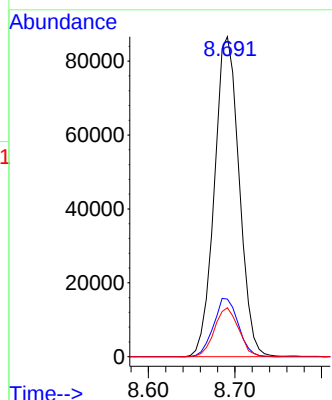
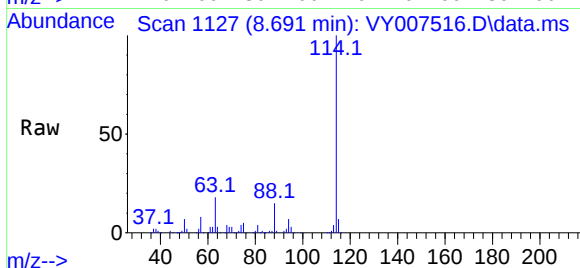
Tgt Ion:114 Resp: 171695

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.541 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007516.D

Acq: 17 Feb 2022 12:09

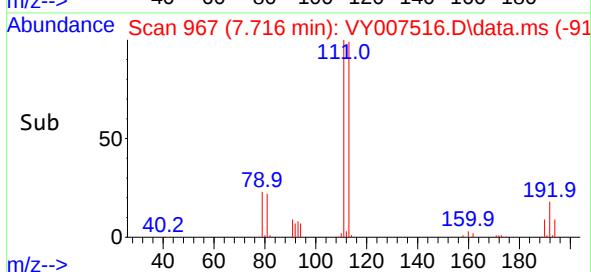
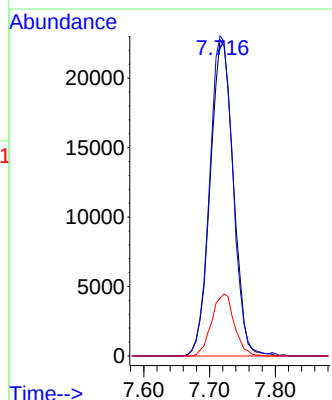
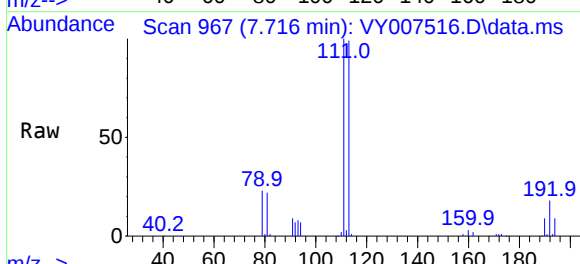
Tgt Ion:113 Resp: 55807

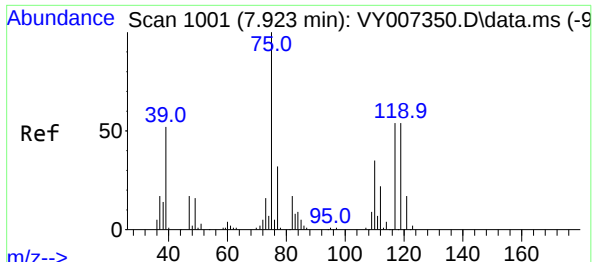
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

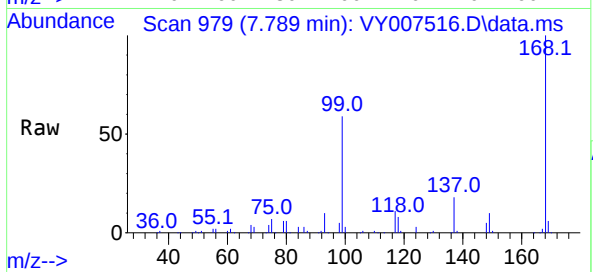
192 19.1 17.6 26.4



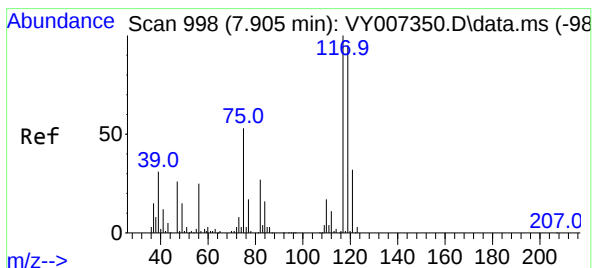
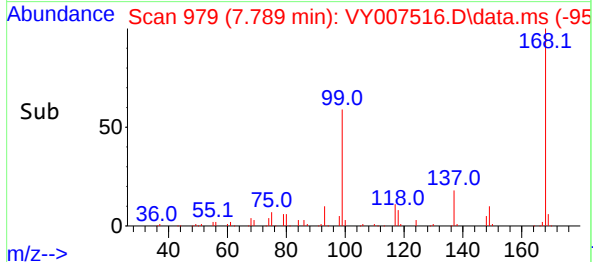
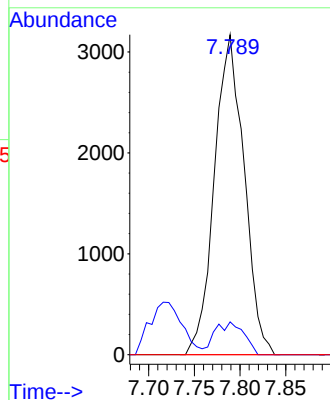


#36
1,1-Dichloropropene
Concen: 4.087 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007516.D
Acq: 17 Feb 2022 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0217SBL01

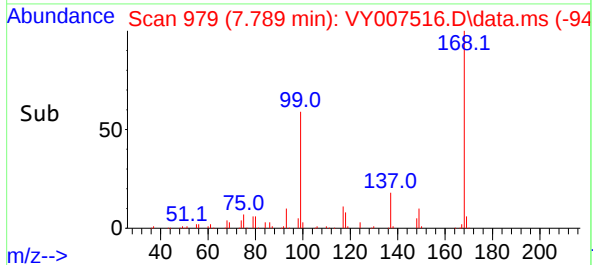
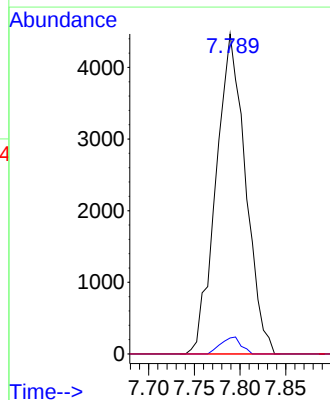
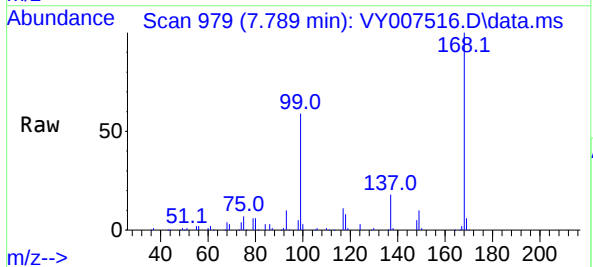


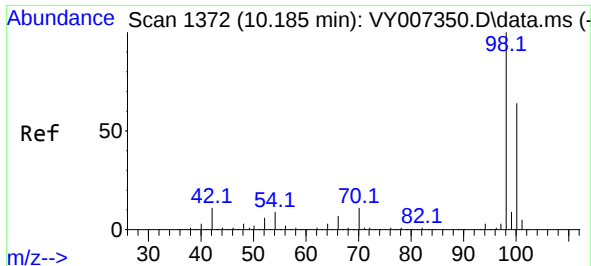
Tgt Ion: 75 Resp: 7169
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.039 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY007516.D
Acq: 17 Feb 2022 12:09

Tgt Ion: 117 Resp: 10045
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

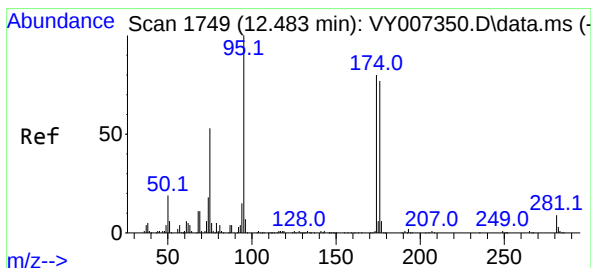
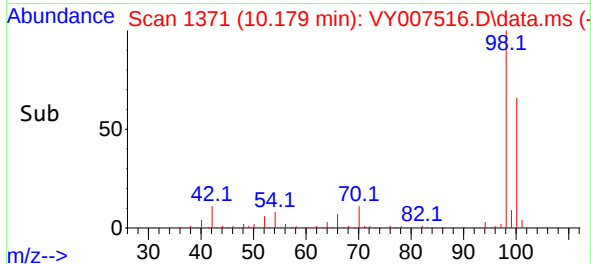
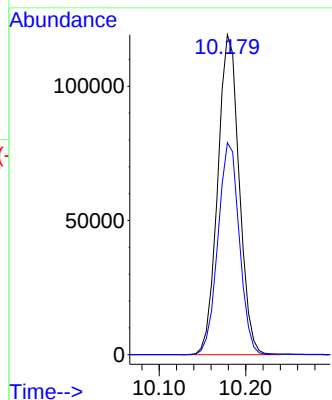
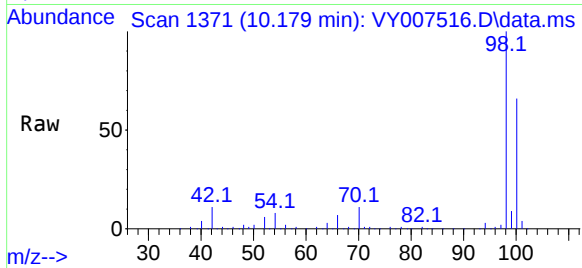




#50
Toluene-d8
Concen: 49.893 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007516.D
Acq: 17 Feb 2022 12:09

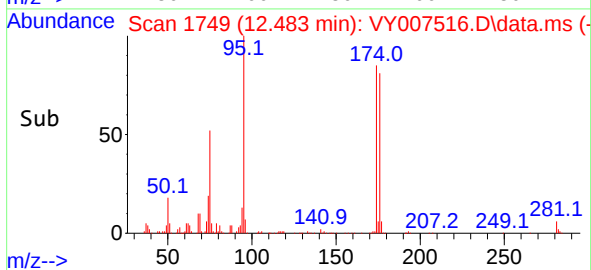
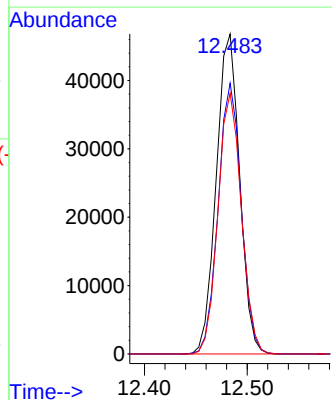
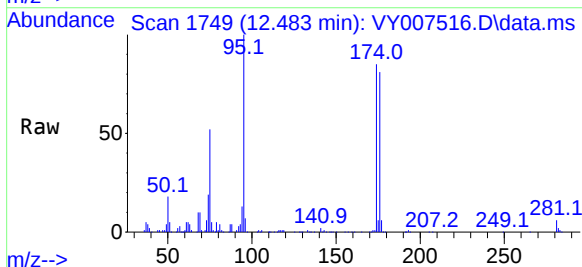
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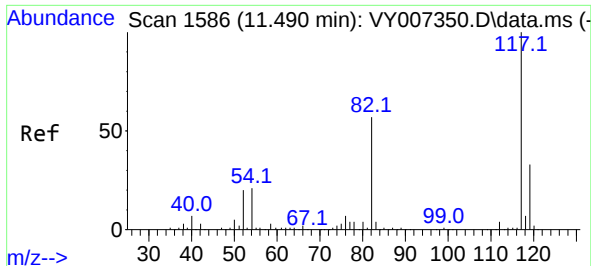
Tgt Ion: 98 Resp: 205183
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.907 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007516.D
Acq: 17 Feb 2022 12:09

Tgt Ion: 95 Resp: 73775
Ion Ratio Lower Upper
95 100
174 83.7 0.0 177.0
176 81.3 0.0 175.8

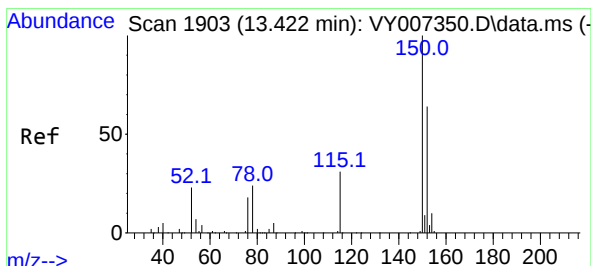
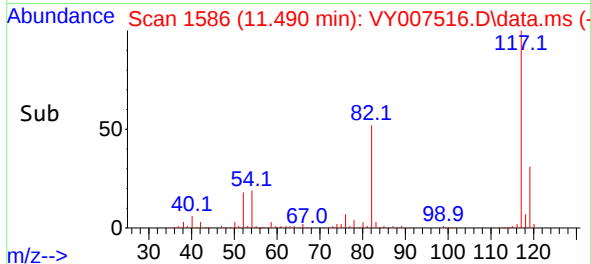
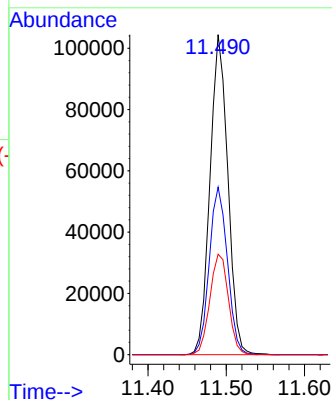
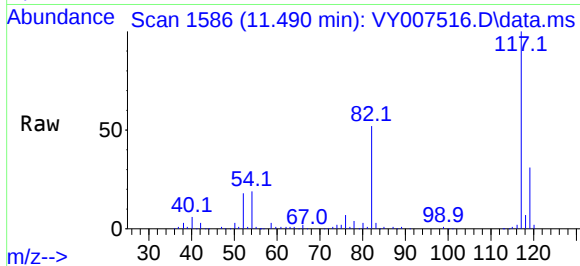




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007516.D
Acq: 17 Feb 2022 12:09

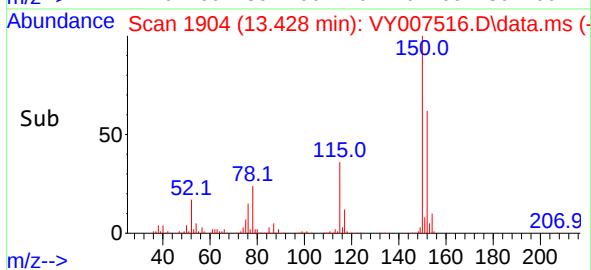
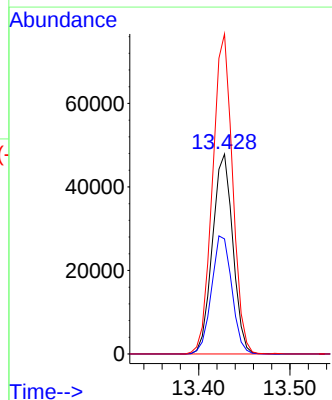
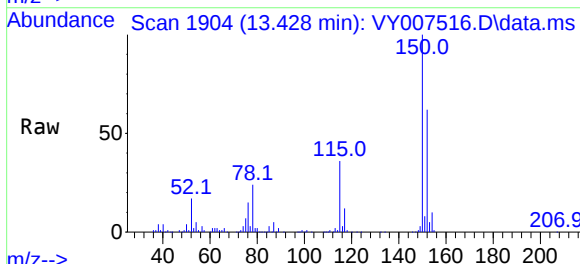
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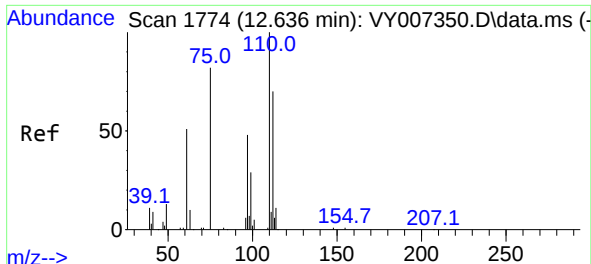
Tgt Ion:117 Resp: 165097
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007516.D
Acq: 17 Feb 2022 12:09

Tgt Ion:152 Resp: 74153
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 157.2 0.0 347.6

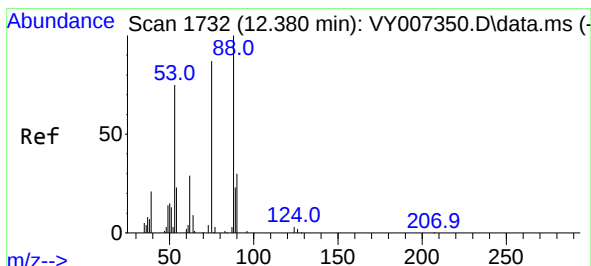
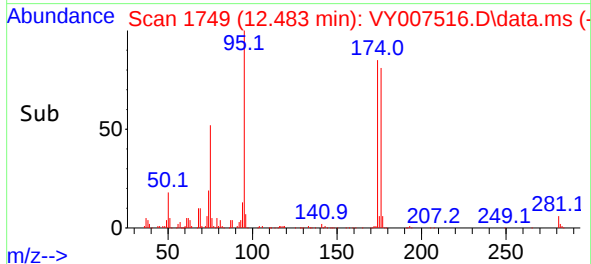
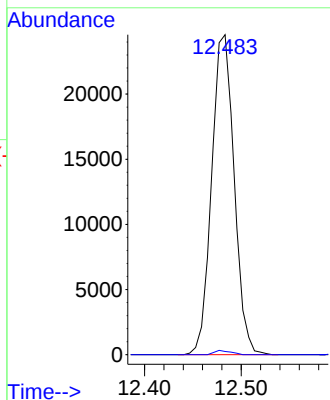
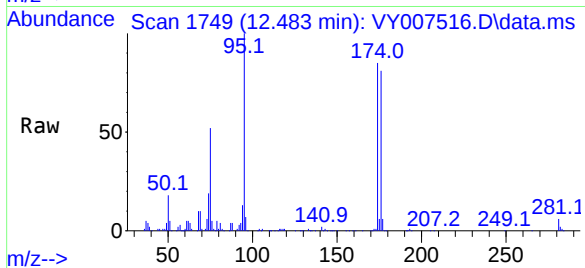




#76
1,2,3-Trichloropropane
Concen: 46.318 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007516.D
Acq: 17 Feb 2022 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0217SBL01

Tgt Ion: 75 Resp: 39685
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.269 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY007516.D
Acq: 17 Feb 2022 12:09

Tgt Ion: 75 Resp: 39685
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

