

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008199.D
 Acq On : 05 Apr 2022 10:59
 Operator : SY/MD
 Sample : VY0405SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBL01

Quant Time: Apr 06 03:54:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

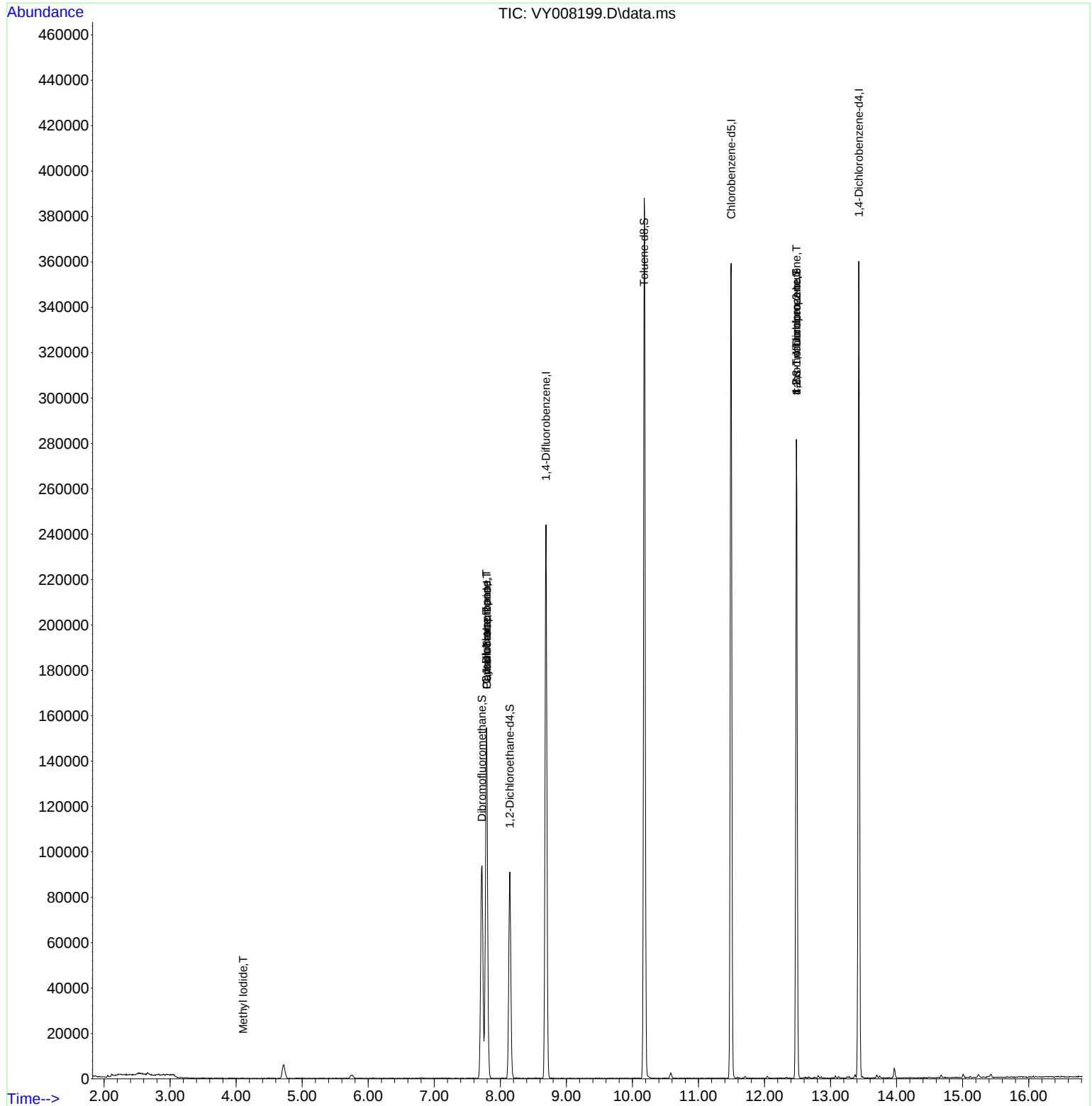
Internal Standards						
1) Pentafluorobenzene	7.795	168	121633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	220692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	208493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66969	54.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.760%	
35) Dibromofluoromethane	7.722	113	68740	49.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.360%	
50) Toluene-d8	10.179	98	266181	51.061	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.120%	
62) 4-Bromofluorobenzene	12.483	95	87343	47.490	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.980%	
Target Compounds						Qvalue
10) Methyl Iodide	4.107	142	214	1.824	ug/l #	35
18) Methyl Acetate	4.466	43	112	Below Cal	#	56
20) Methylene Chloride	4.716	84	4859	Below Cal	#	70
31) Cyclohexane	7.789	56	2428	1.064	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9345	4.300	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12156	5.132	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	44849	40.096	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44849	89.460	ug/l #	7

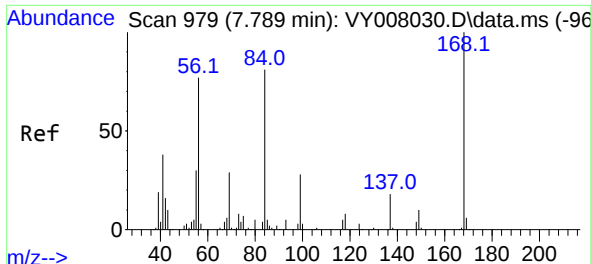
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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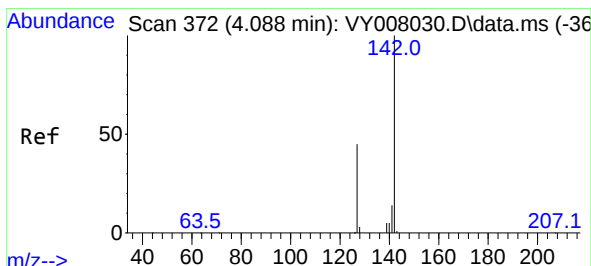
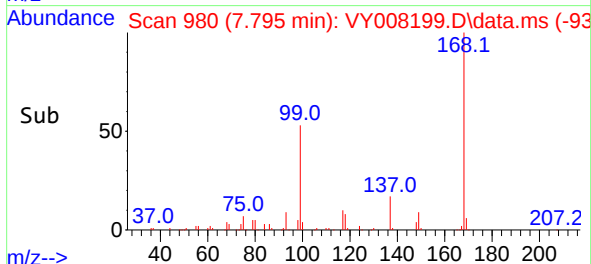
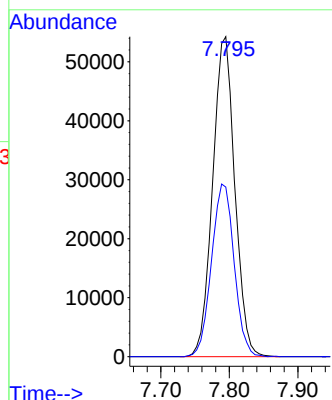
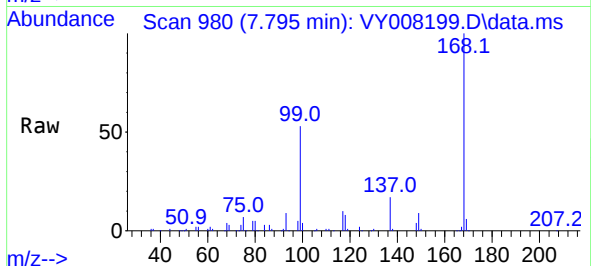




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008199.D
Acq: 05 Apr 2022 10:59

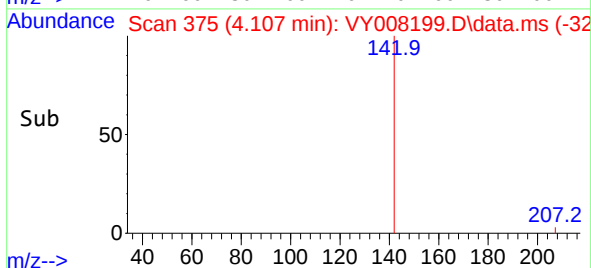
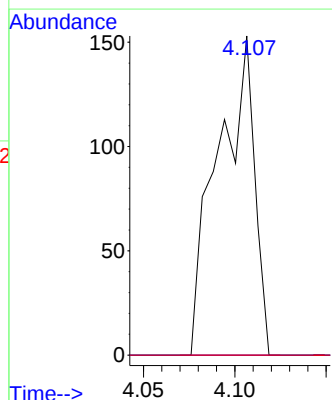
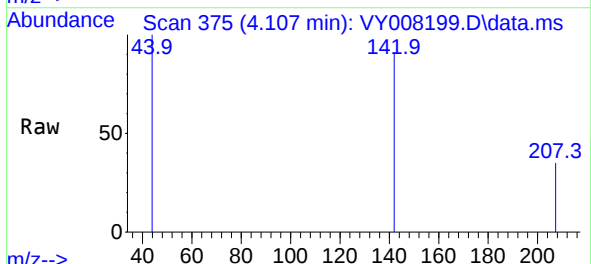
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBL01

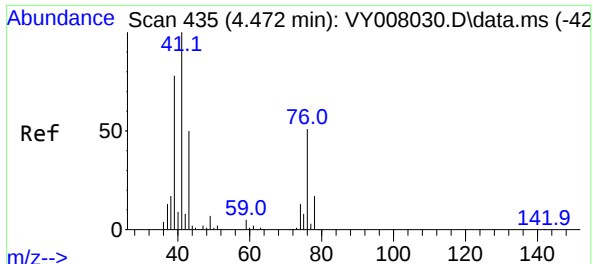
Tgt Ion:168 Resp: 121633
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#10
Methyl Iodide
Concen: 1.824 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008199.D
Acq: 05 Apr 2022 10:59

Tgt Ion:142 Resp: 214
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

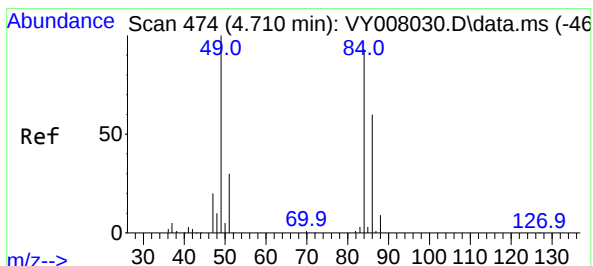
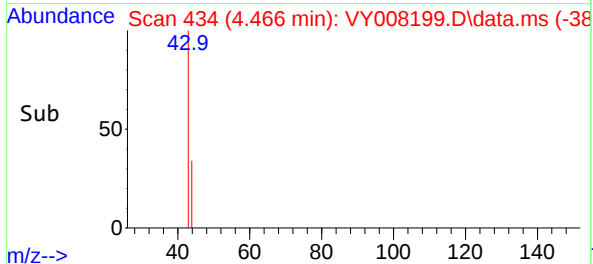
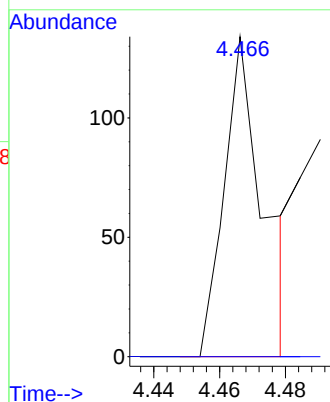
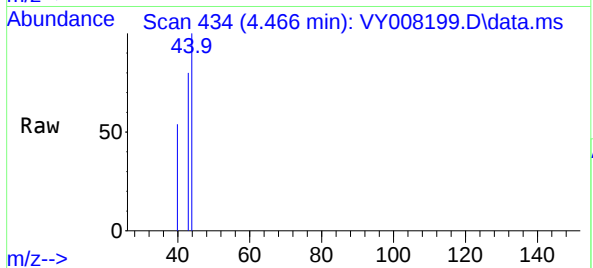




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008199.D
Acq: 05 Apr 2022 10:59

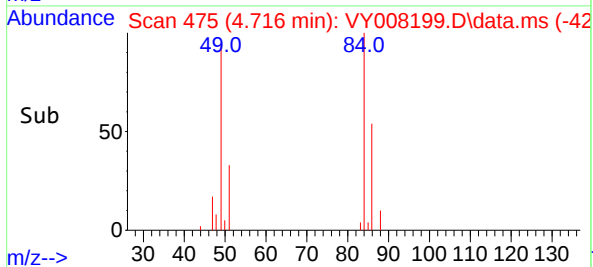
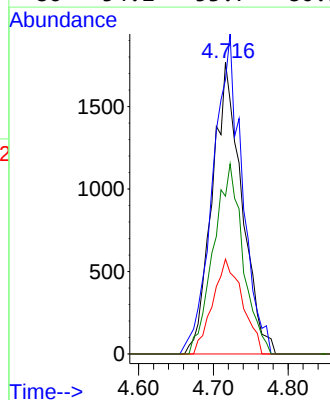
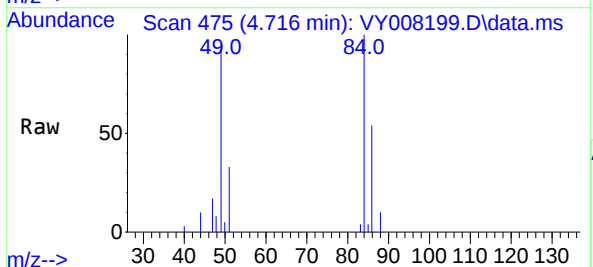
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBL01

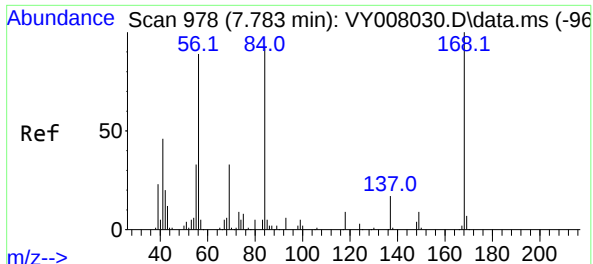
Tgt Ion: 43 Resp: 112
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008199.D
Acq: 05 Apr 2022 10:59

Tgt Ion: 84 Resp: 4859
Ion Ratio Lower Upper
84 100
49 94.1 114.4 171.6#
51 32.5 35.3 52.9#
86 54.2 53.7 80.5

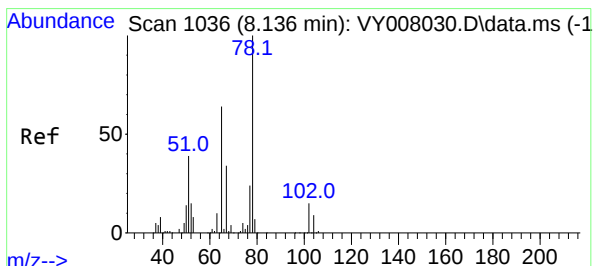
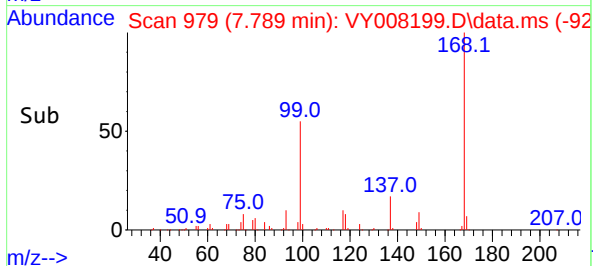
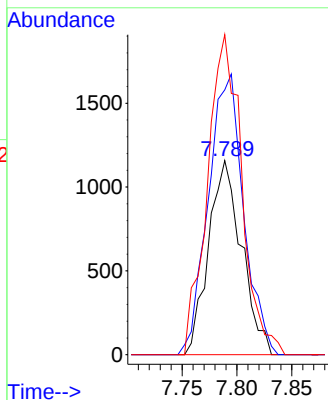
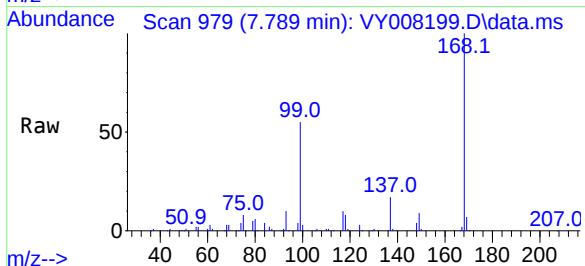




#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008199.D
Acq: 05 Apr 2022 10:59

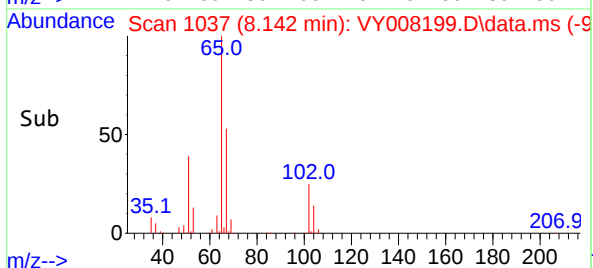
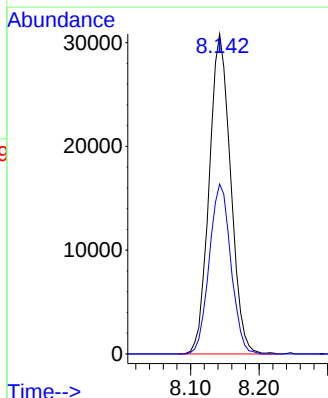
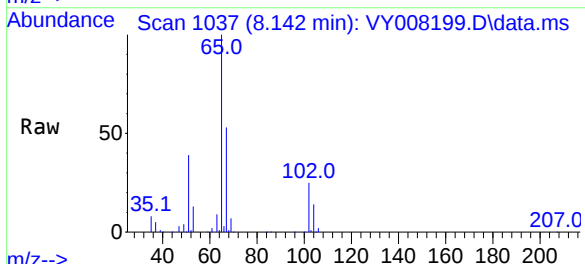
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBL01

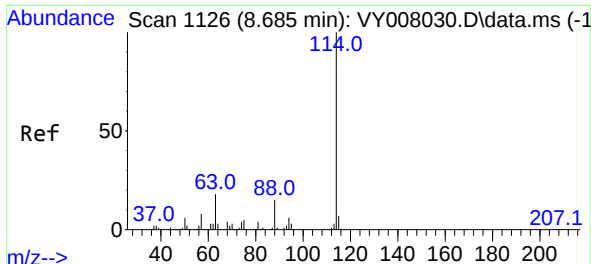
Tgt Ion: 56 Resp: 2428
Ion Ratio Lower Upper
56 100
69 136.4 26.7 40.1#
84 164.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.877 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008199.D
Acq: 05 Apr 2022 10:59

Tgt Ion: 65 Resp: 66969
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008199.D

Acq: 05 Apr 2022 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBL01

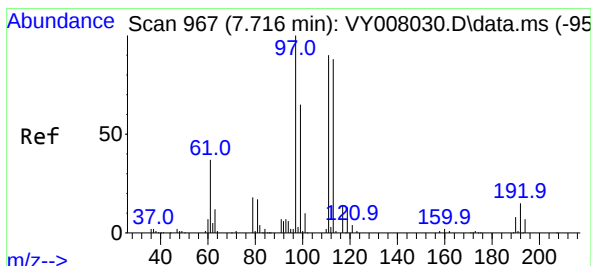
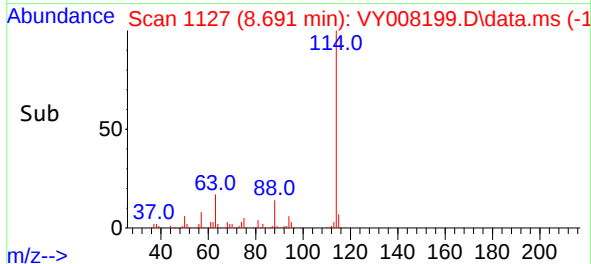
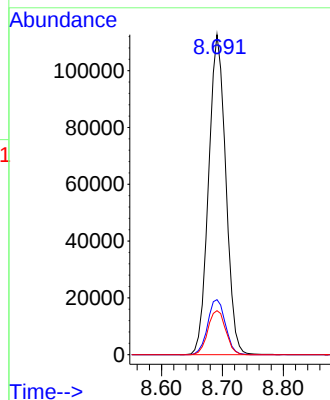
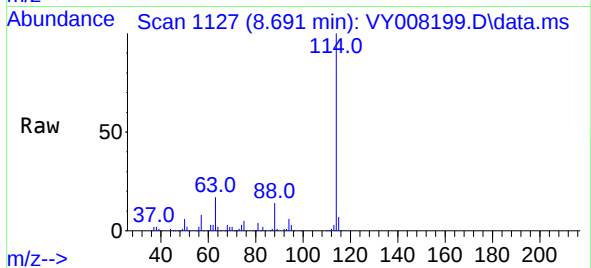
Tgt Ion:114 Resp: 220692

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.679 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008199.D

Acq: 05 Apr 2022 10:59

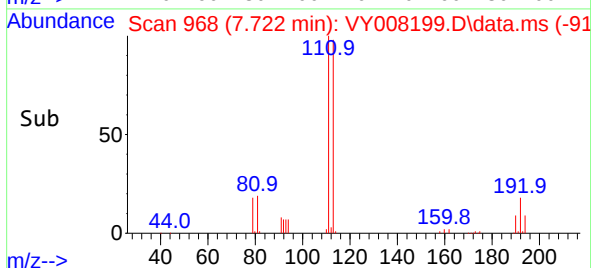
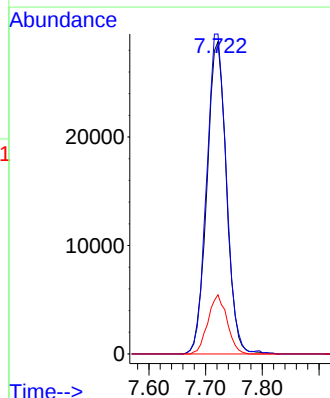
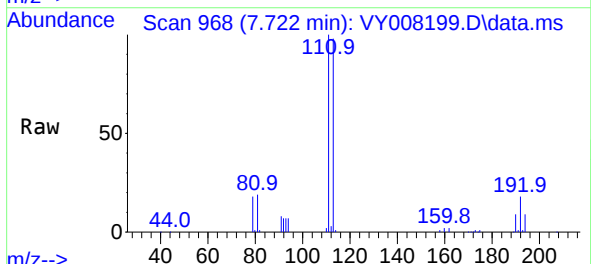
Tgt Ion:113 Resp: 68740

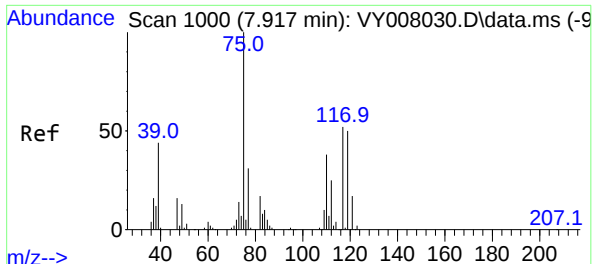
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 18.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.300 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008199.D

Acq: 05 Apr 2022 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBL01

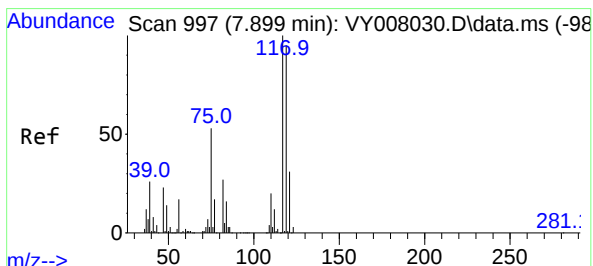
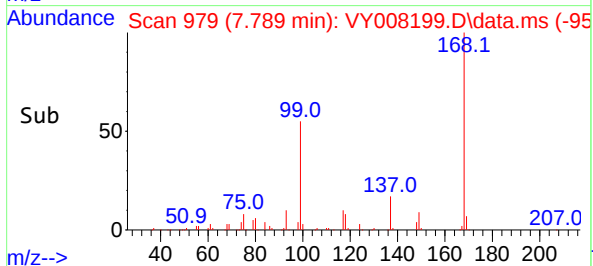
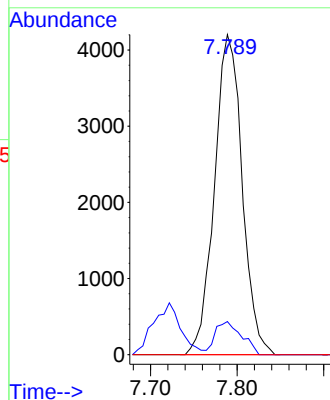
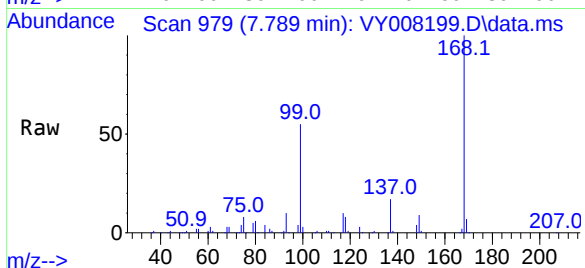
Tgt Ion: 75 Resp: 9345

Ion Ratio Lower Upper

75 100

110 9.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.132 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY008199.D

Acq: 05 Apr 2022 10:59

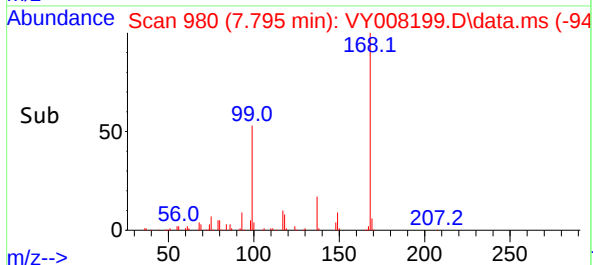
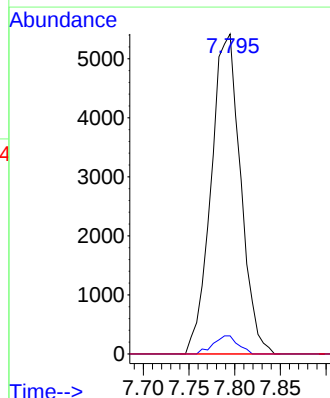
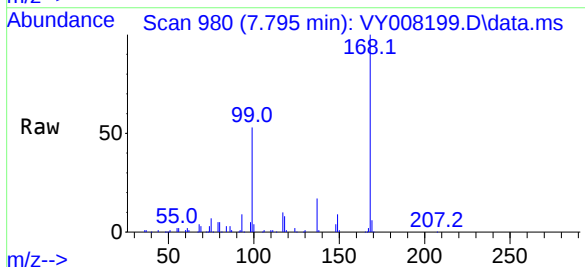
Tgt Ion: 117 Resp: 12156

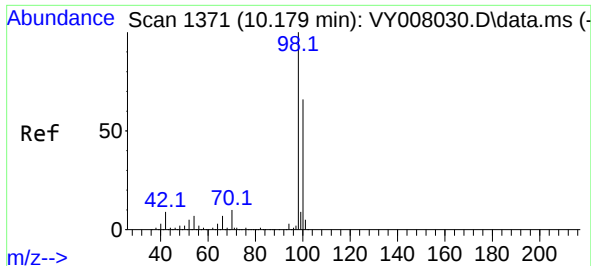
Ion Ratio Lower Upper

117 100

119 5.6 77.9 116.9#

121 0.0 24.8 37.2#

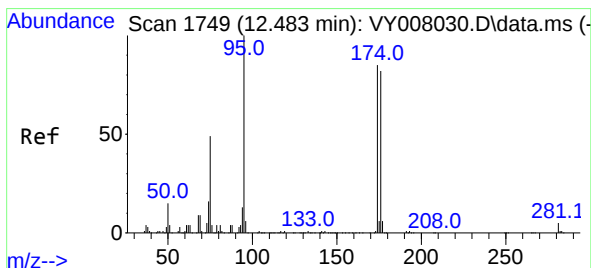
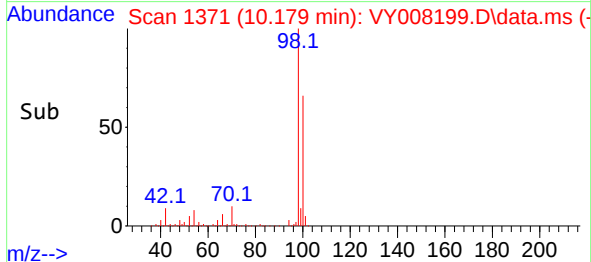
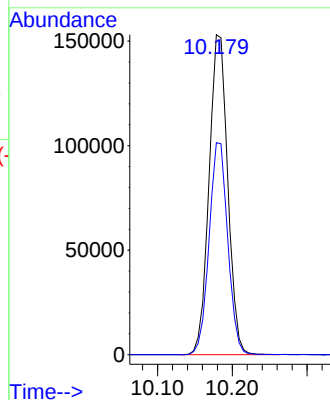
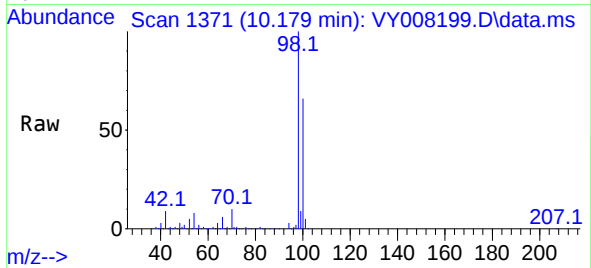




#50
Toluene-d8
Concen: 51.061 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008199.D
Acq: 05 Apr 2022 10:59

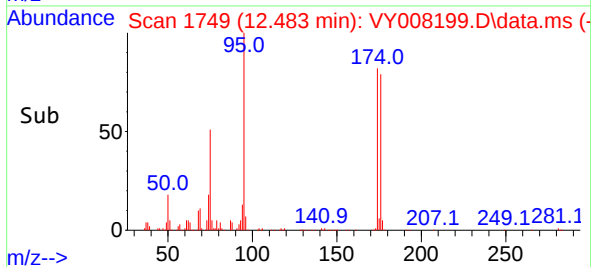
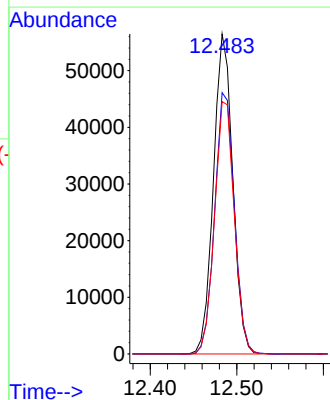
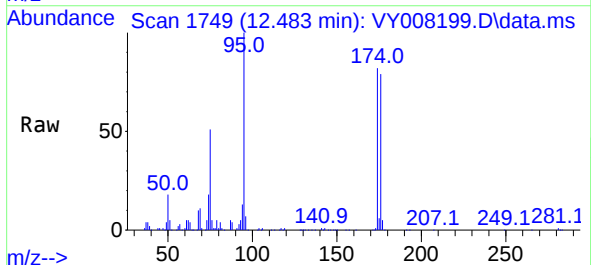
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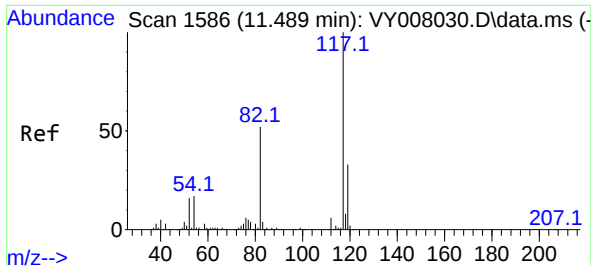
Tgt Ion: 98 Resp: 266181
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.490 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008199.D
Acq: 05 Apr 2022 10:59

Tgt Ion: 95 Resp: 87343
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 80.7 0.0 175.8

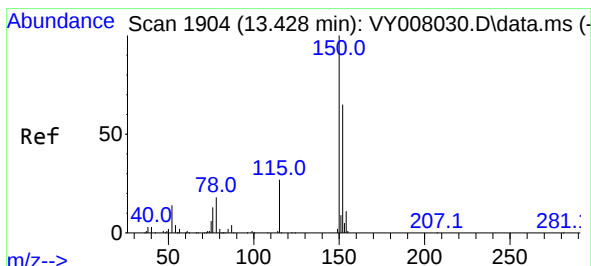
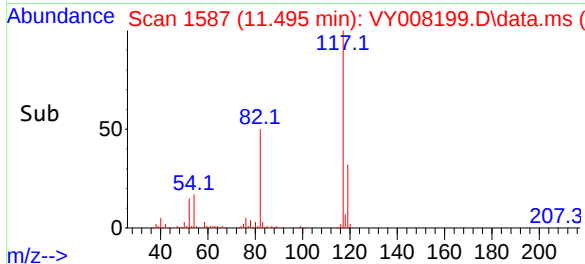
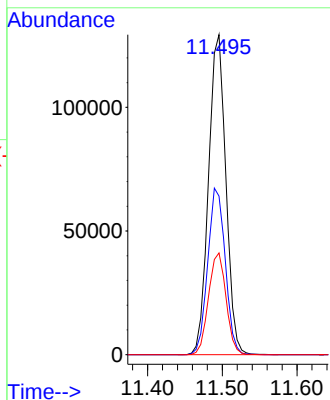
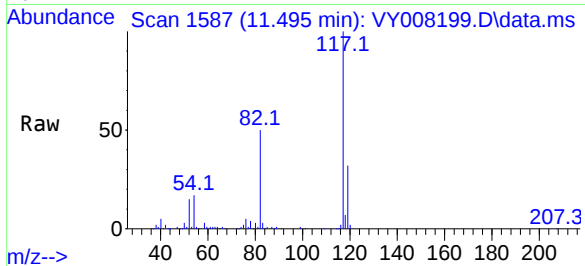




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008199.D
Acq: 05 Apr 2022 10:59

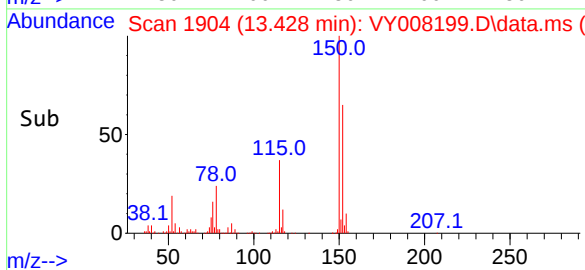
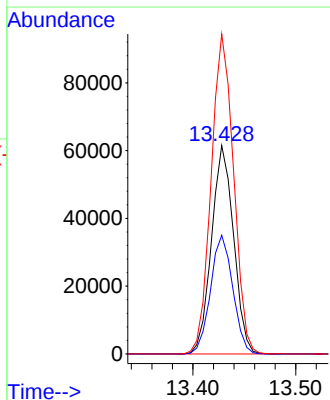
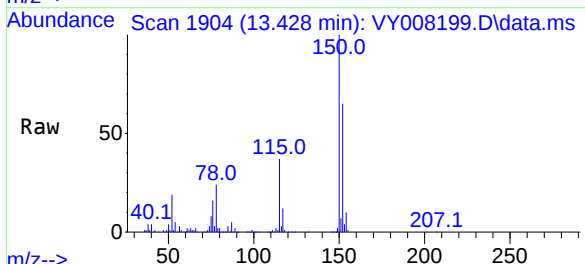
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBL01

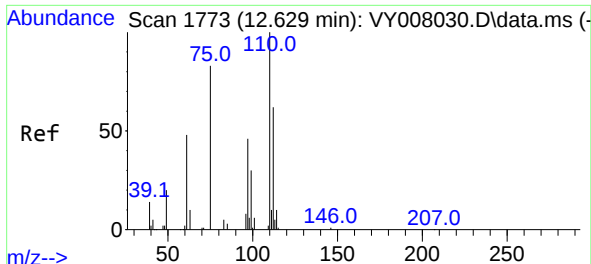
Tgt Ion:117 Resp: 208493
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008199.D
Acq: 05 Apr 2022 10:59

Tgt Ion:152 Resp: 91759
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 155.8 0.0 347.6

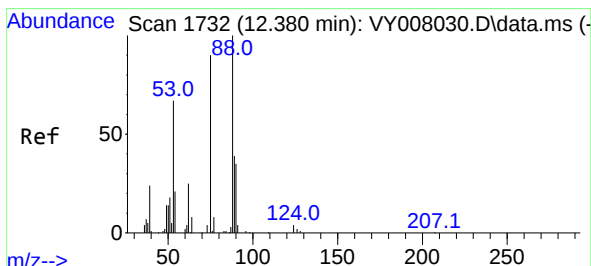
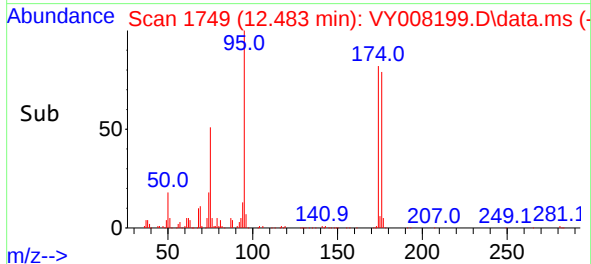
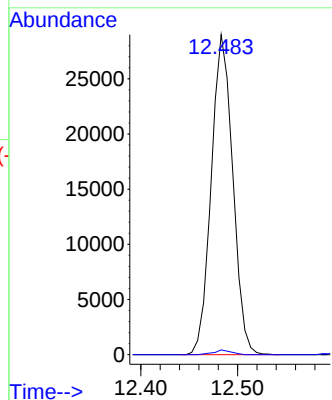
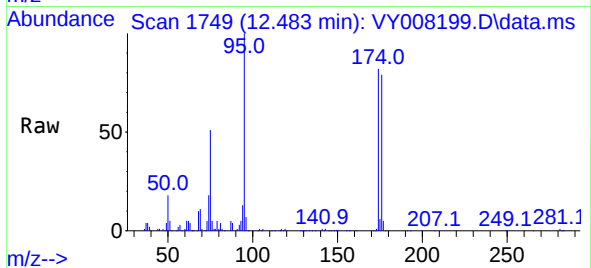




#76
1,2,3-Trichloropropane
Concen: 40.096 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008199.D
Acq: 05 Apr 2022 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBL01

Tgt Ion: 75 Resp: 44849
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.460 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008199.D
Acq: 05 Apr 2022 10:59

Tgt Ion: 75 Resp: 44849
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

