

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008044.D
 Acq On : 26 Mar 2022 14:29
 Operator : SY/MD
 Sample : N2095-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-5.0-6.0

Quant Time: Mar 28 09:28:43 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)

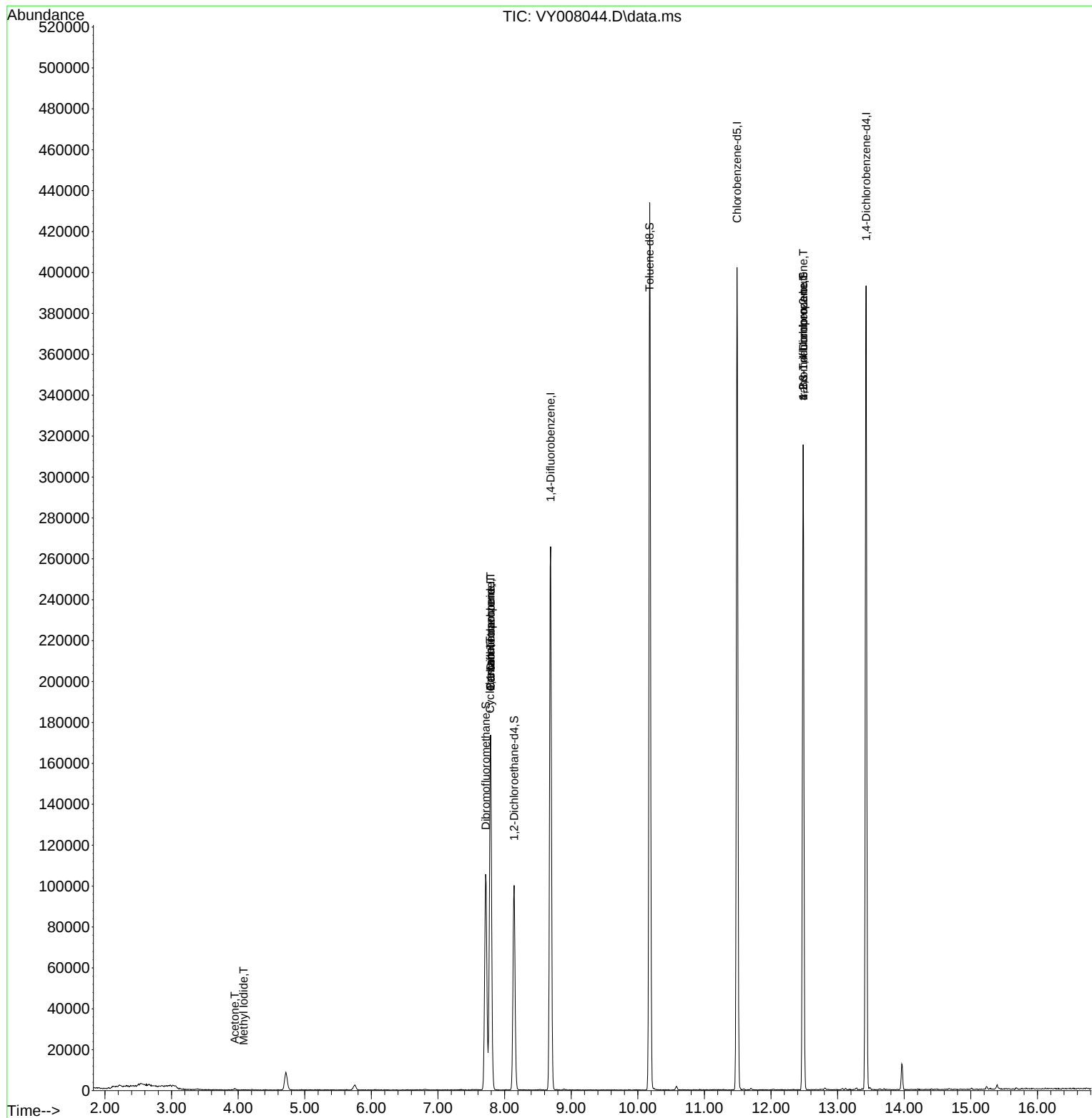
Internal Standards						
1) Pentafluorobenzene	7.789	168	132046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	223847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76950	58.083	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 116.160%	
35) Dibromofluoromethane	7.716	113	74880	49.967	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 99.940%	
50) Toluene-d8	10.179	98	289467	51.270	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 102.540%	
62) 4-Bromofluorobenzene	12.483	95	99027	49.715	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 99.420%	
Target Compounds						
10) Methyl Iodide	4.082	142	25	1.711	ug/l #	35
16) Acetone	3.948	43	937	3.094	ug/l	90
18) Methyl Acetate	4.478	43	102	Below Cal	#	56
20) Methylene Chloride	4.716	84	6704	Below Cal	#	84
31) Cyclohexane	7.783	56	2765	1.117	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10464	4.445	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13682	5.333	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	51559	43.178	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51559	96.337	ug/l #	7

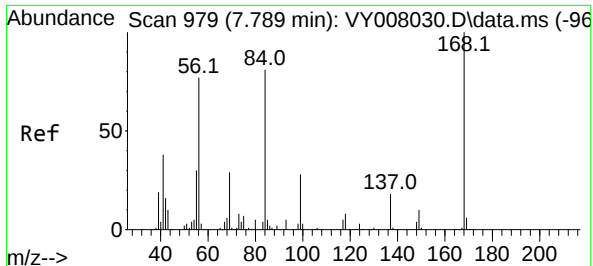
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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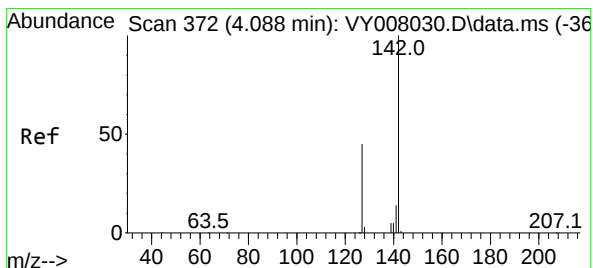
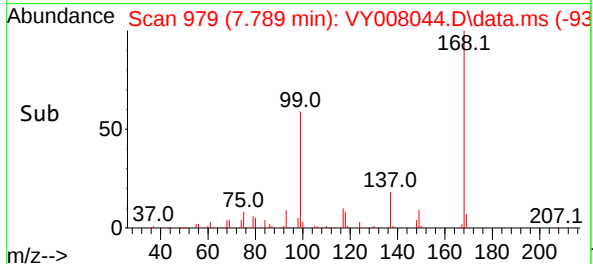
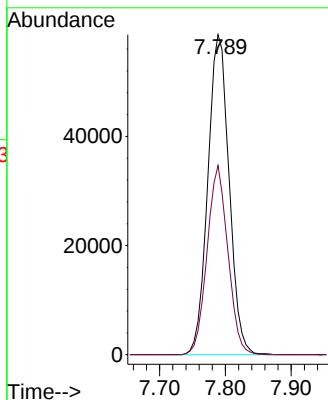
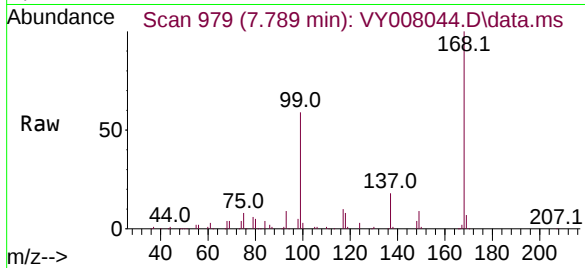




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008044.D
Acq: 26 Mar 2022 14:29

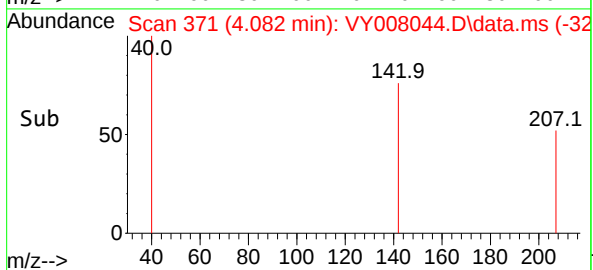
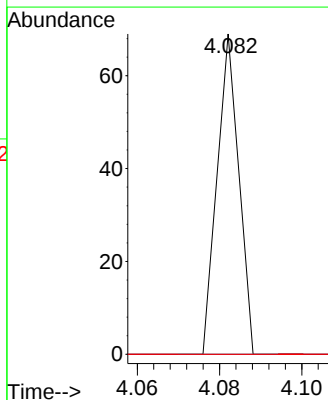
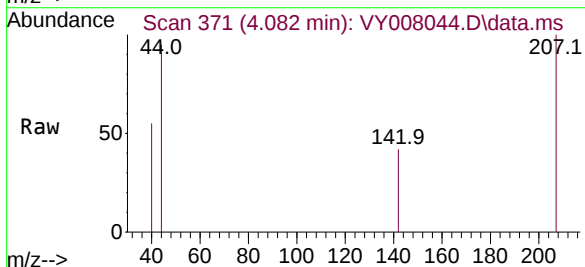
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-6.0

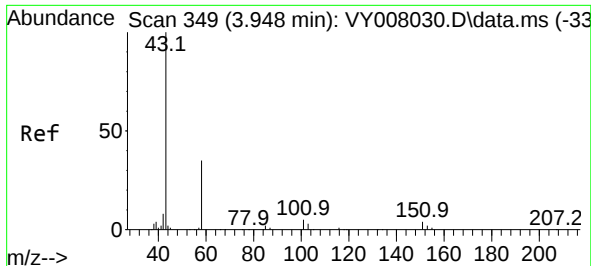
Tgt Ion:168 Resp: 132046
Ion Ratio Lower Upper
168 100
99 59.1 46.9 70.3



#10
Methyl Iodide
Concen: 1.711 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY008044.D
Acq: 26 Mar 2022 14:29

Tgt Ion:142 Resp: 25
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

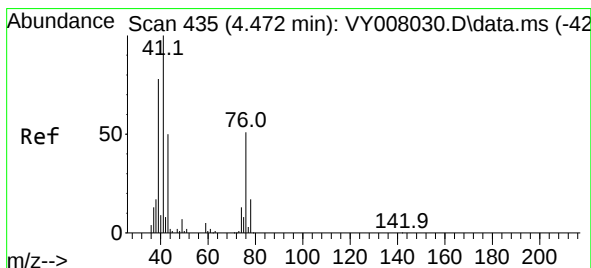
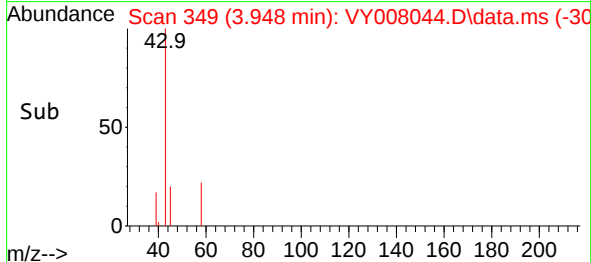
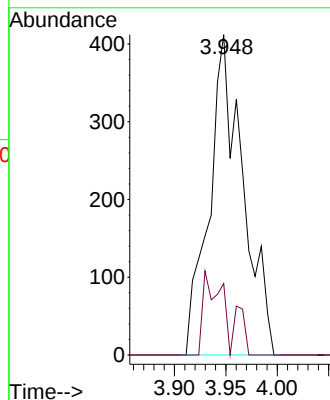
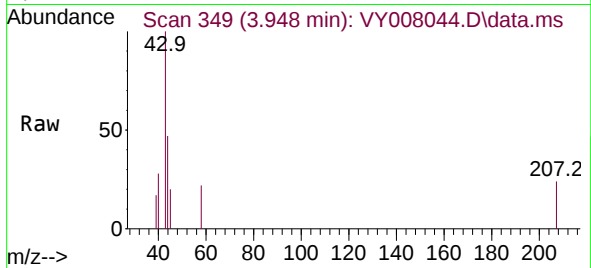




#16
Acetone
Concen: 3.094 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY008044.D
Acq: 26 Mar 2022 14:29

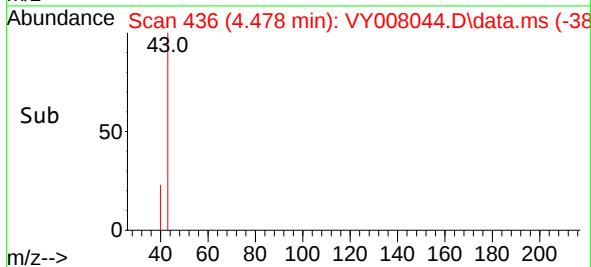
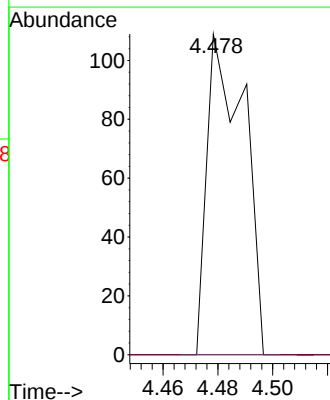
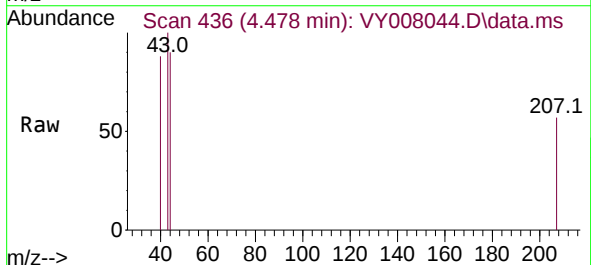
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-6.0

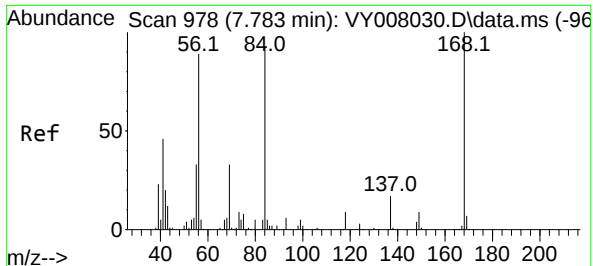
Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
58 22.3 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008044.D
Acq: 26 Mar 2022 14:29

Tgt Ion: 43 Resp: 102
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

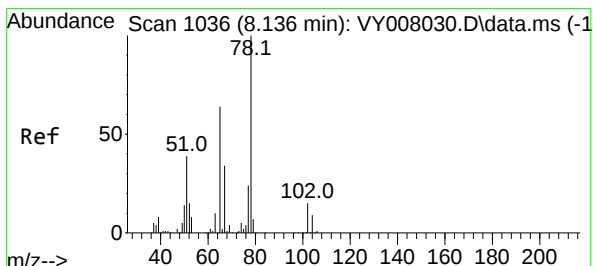
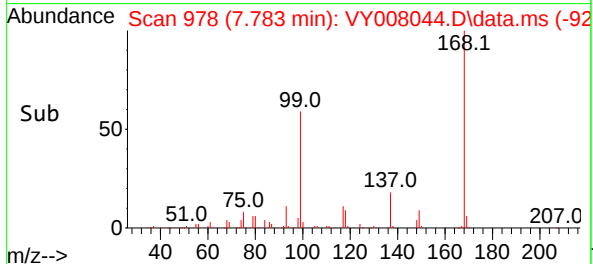
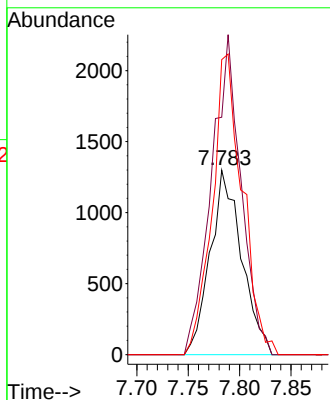
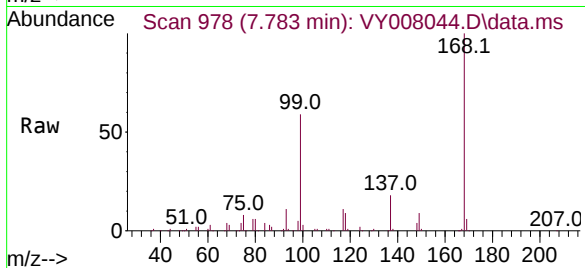




#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008044.D
Acq: 26 Mar 2022 14:29

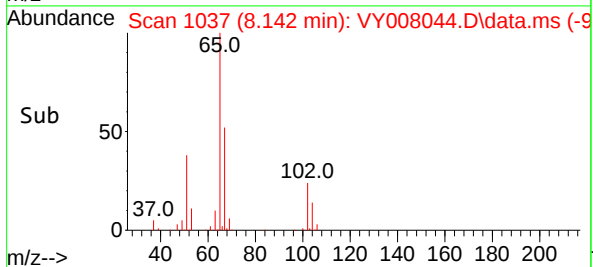
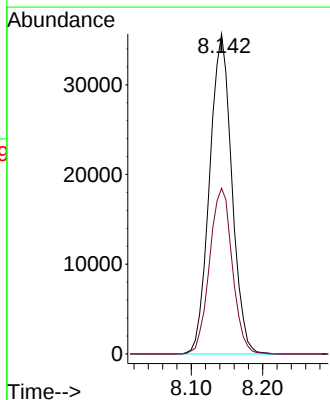
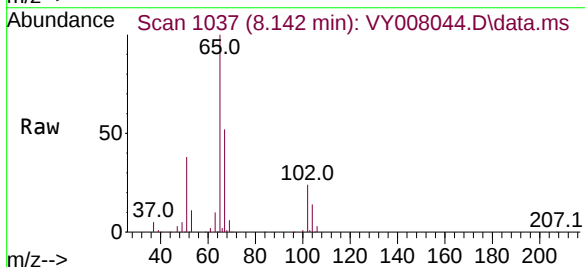
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-6.0

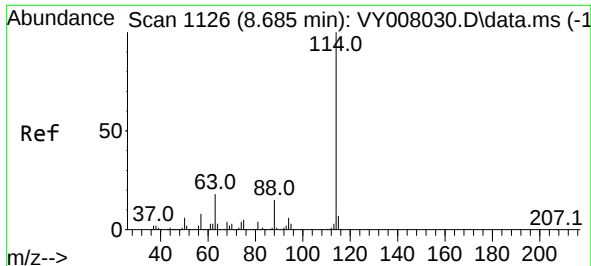
Tgt Ion: 56 Resp: 2765
Ion Ratio Lower Upper
56 100
69 128.7 26.7 40.1#
84 159.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.083 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008044.D
Acq: 26 Mar 2022 14:29

Tgt Ion: 65 Resp: 76950
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008044.D

Acq: 26 Mar 2022 14:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.0-6.0

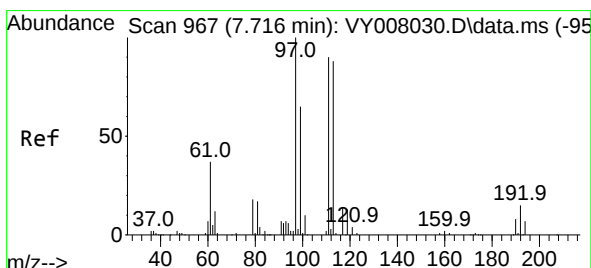
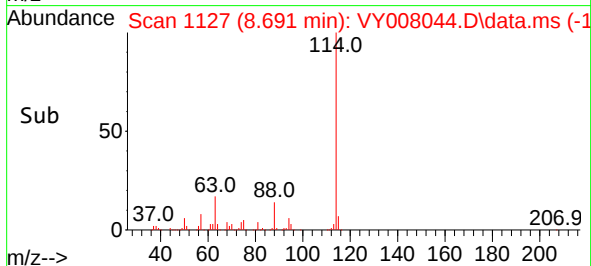
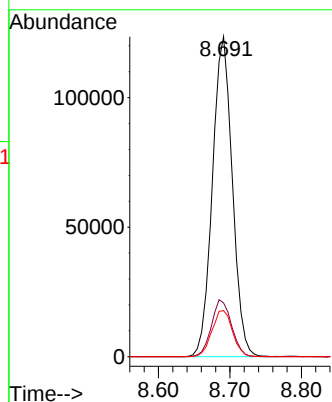
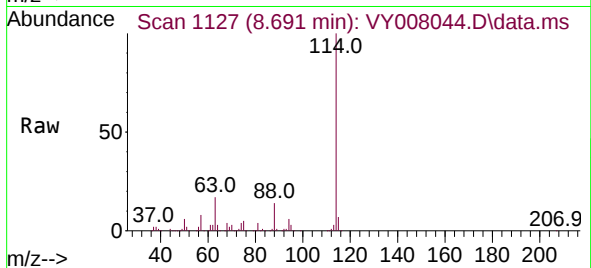
Tgt Ion:114 Resp: 239019

Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.967 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008044.D

Acq: 26 Mar 2022 14:29

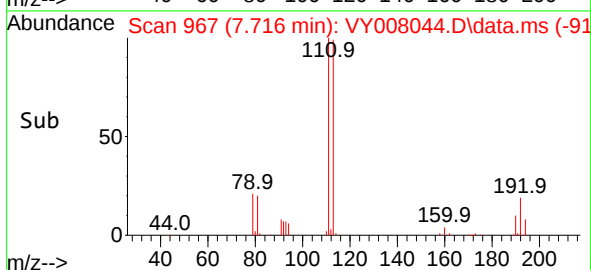
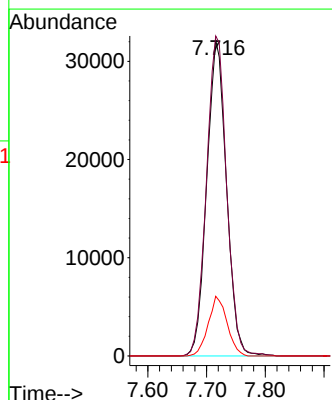
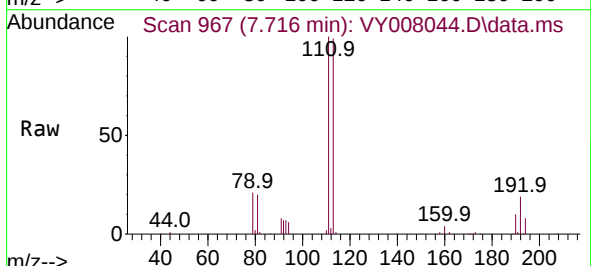
Tgt Ion:113 Resp: 74880

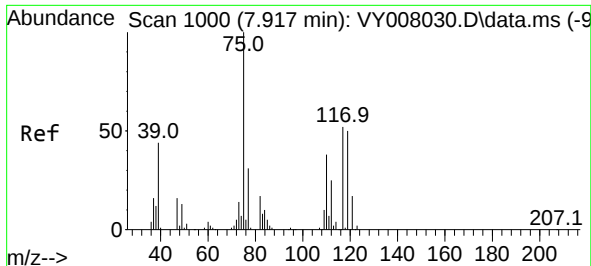
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 18.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.445 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008044.D

Acq: 26 Mar 2022 14:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.0-6.0

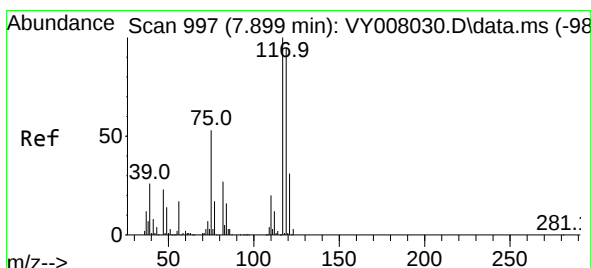
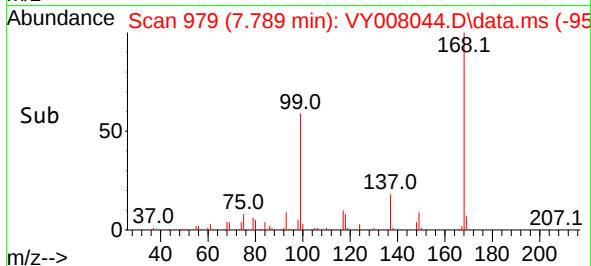
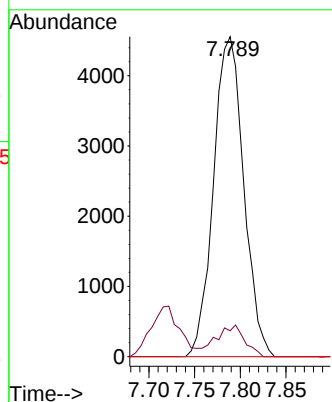
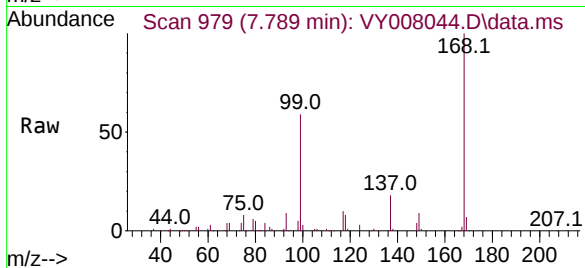
Tgt Ion: 75 Resp: 10464

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.333 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008044.D

Acq: 26 Mar 2022 14:29

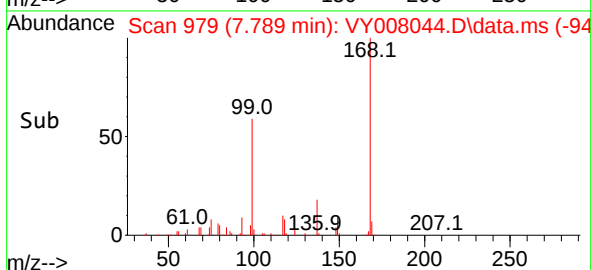
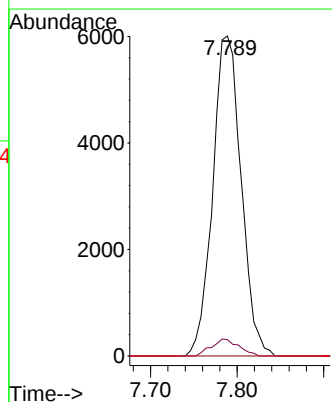
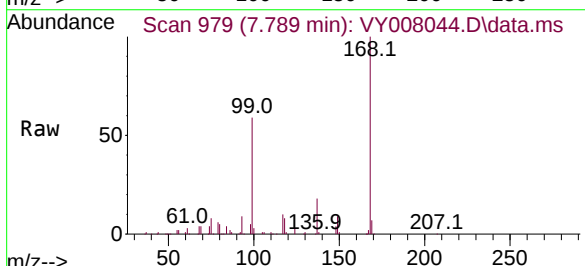
Tgt Ion: 117 Resp: 13682

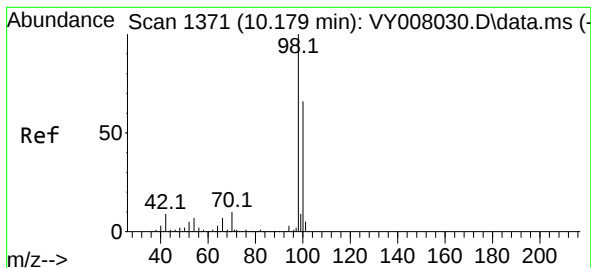
Ion Ratio Lower Upper

117 100

119 5.1 77.9 116.9#

121 0.0 24.8 37.2#

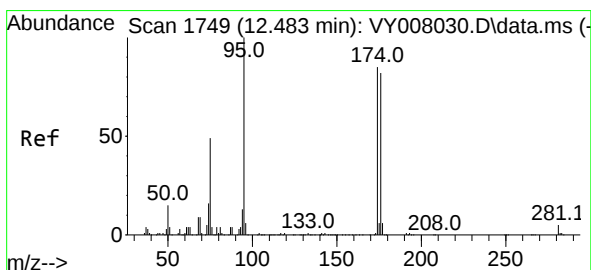
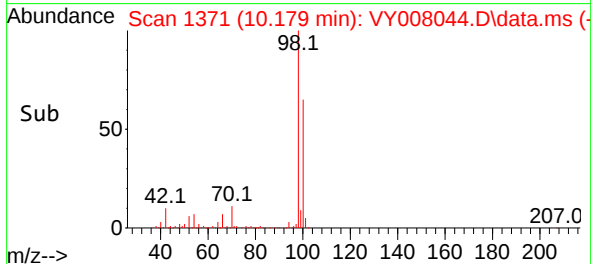
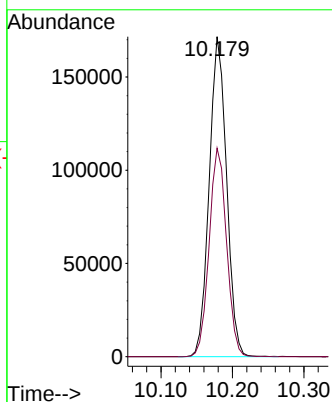
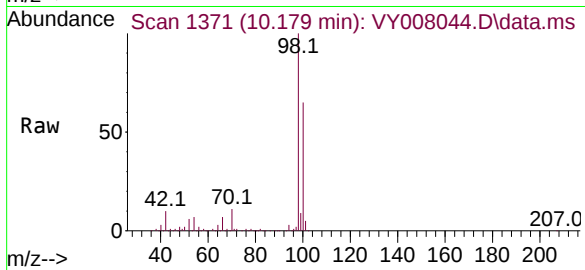




#50
Toluene-d8
Concen: 51.270 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008044.D
Acq: 26 Mar 2022 14:29

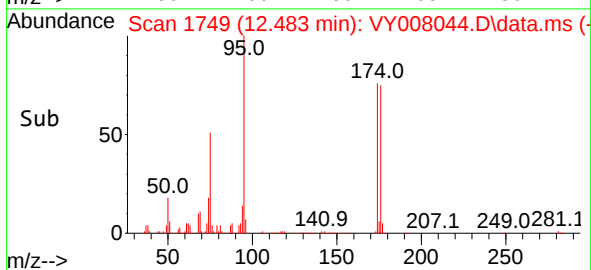
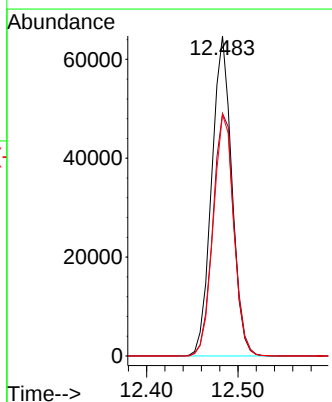
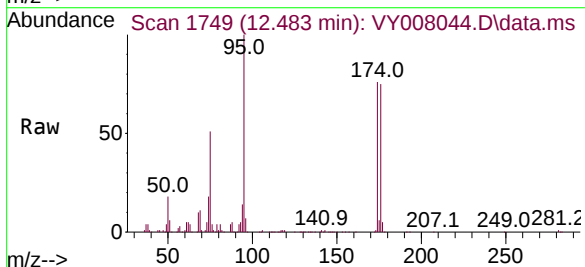
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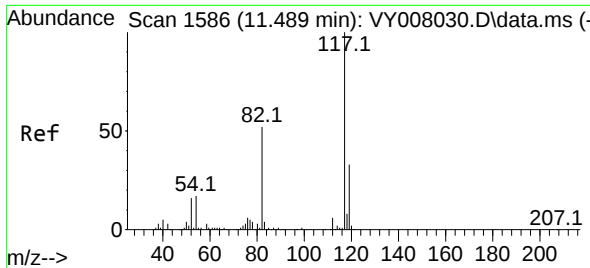
Tgt Ion: 98 Resp: 289467
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.715 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008044.D
Acq: 26 Mar 2022 14:29

Tgt Ion: 95 Resp: 99027
Ion Ratio Lower Upper
95 100
174 79.4 0.0 177.0
176 76.7 0.0 175.8

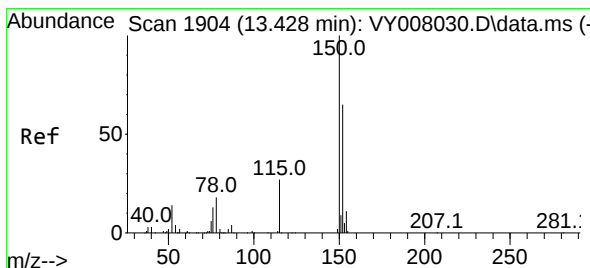
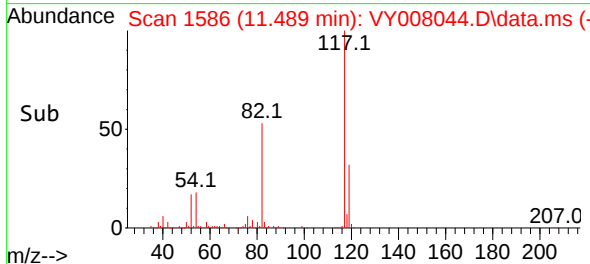
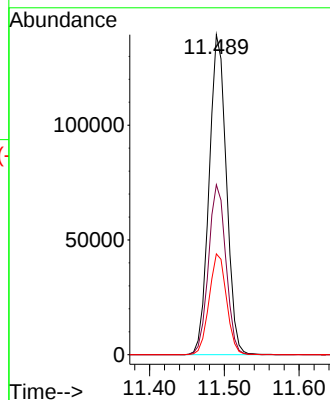
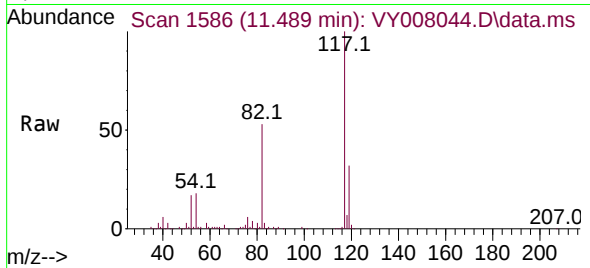




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008044.D
Acq: 26 Mar 2022 14:29

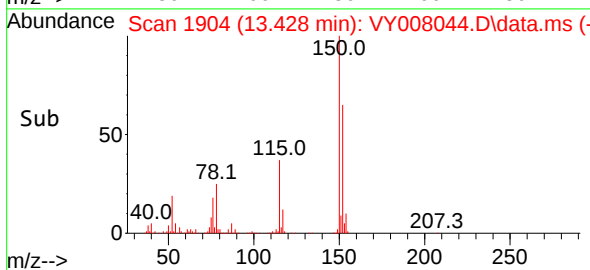
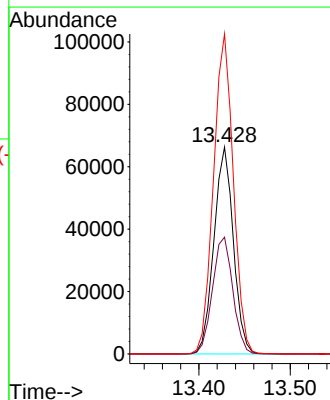
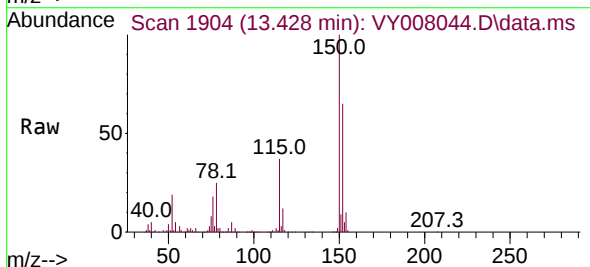
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-6.0

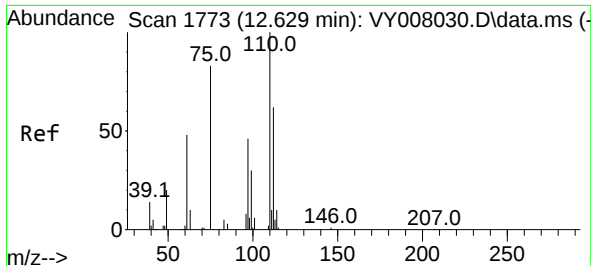
Tgt Ion:117 Resp: 223847
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008044.D
Acq: 26 Mar 2022 14:29

Tgt Ion:152 Resp: 97957
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 157.6 0.0 347.6

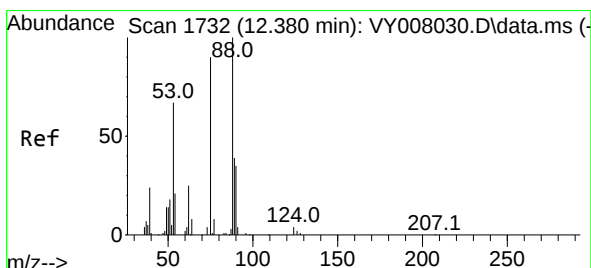
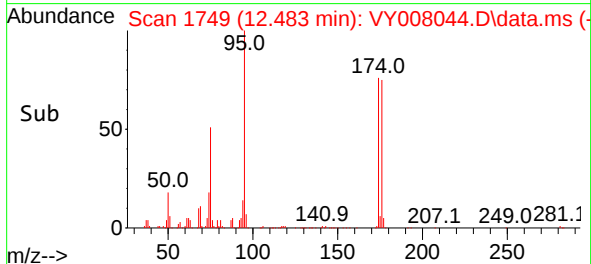
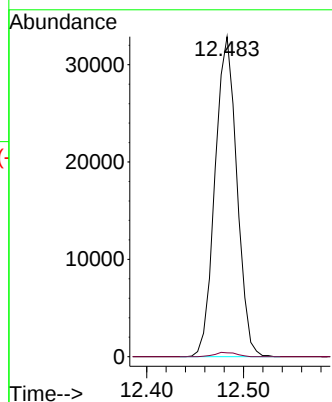
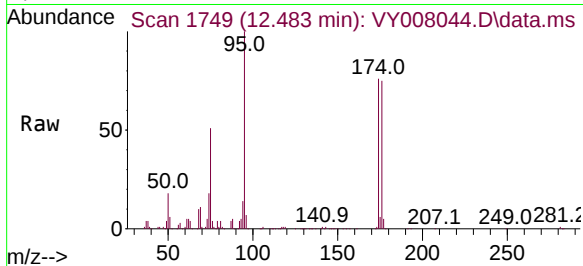




#76
1,2,3-Trichloropropane
Concen: 43.178 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008044.D
Acq: 26 Mar 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-6.0

Tgt Ion: 75 Resp: 51559
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.337 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008044.D
Acq: 26 Mar 2022 14:29

Tgt Ion: 75 Resp: 51559
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

