

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008042.D
 Acq On : 26 Mar 2022 13:42
 Operator : SY/MD
 Sample : N2095-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-5.0-6.0

Quant Time: Mar 28 09:28:12 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	119441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	216523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71721	59.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.700%
35) Dibromofluoromethane	7.722	113	68625	50.551	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.100%
50) Toluene-d8	10.179	98	260269	50.888	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.483	95	89856	49.798	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.600%

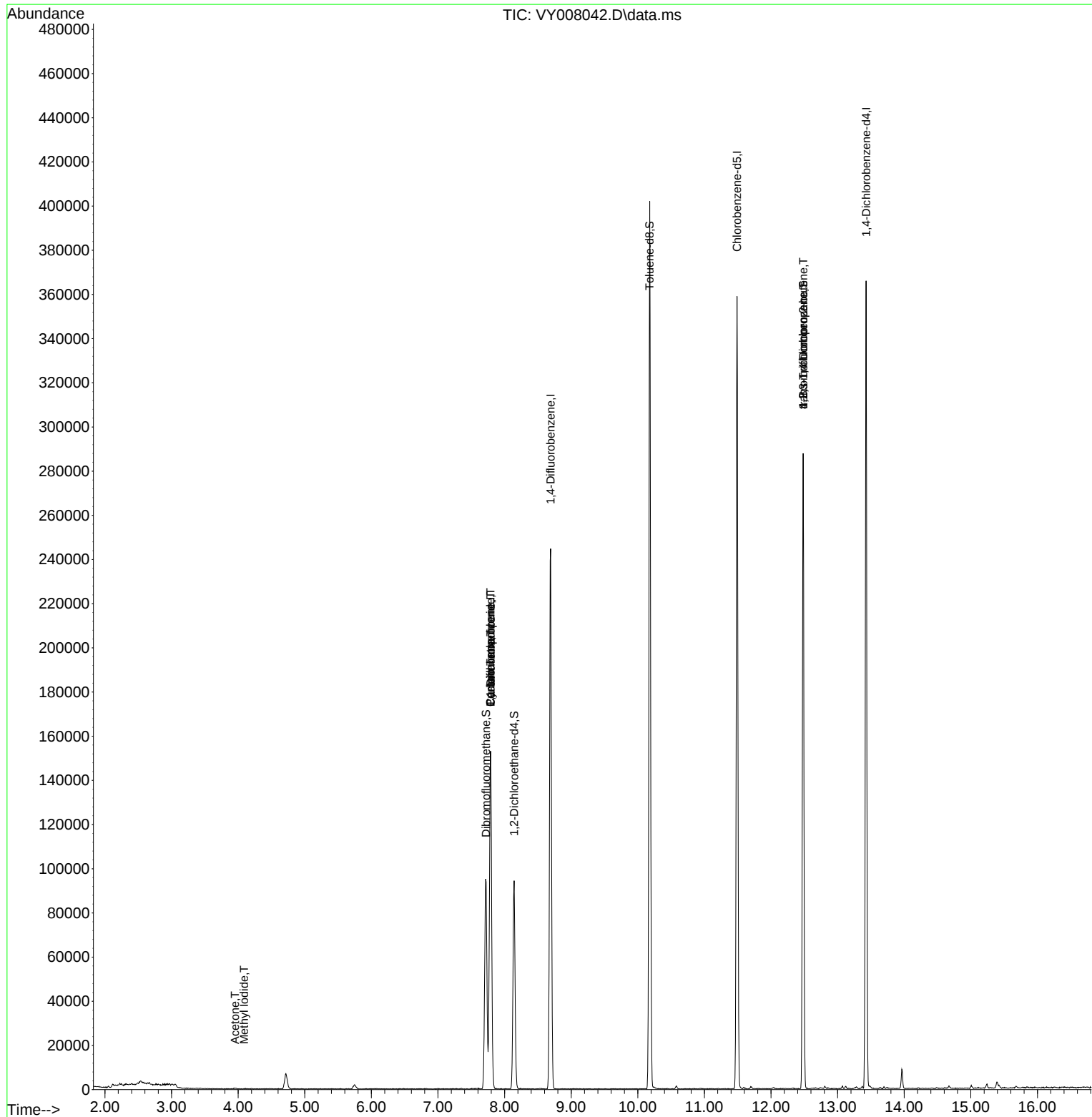
Target Compounds					Qvalue	
10) Methyl Iodide	4.088	142	72	1.741	ug/l #	35
16) Acetone	3.954	43	616	2.249	ug/l #	47
18) Methyl Acetate	4.473	43	204	Below Cal	#	56
20) Methylene Chloride	4.716	84	5486	Below Cal	#	74
31) Cyclohexane	7.789	56	2563	1.144	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9031	4.235	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12665	5.450	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	47074	43.570	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47074	97.211	ug/l #	7

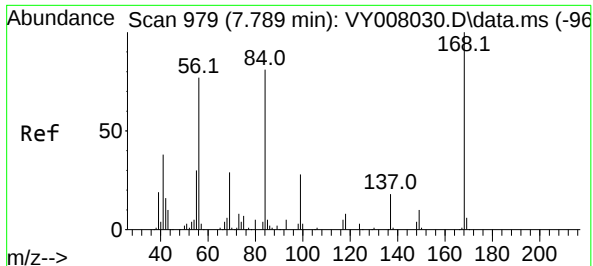
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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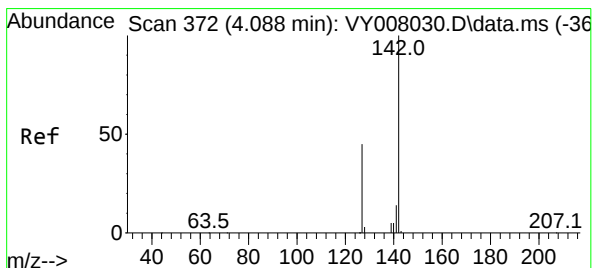
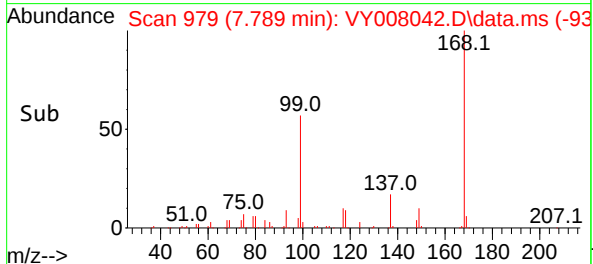
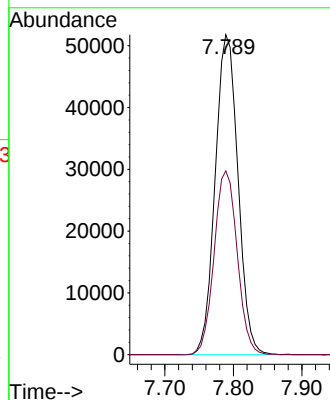
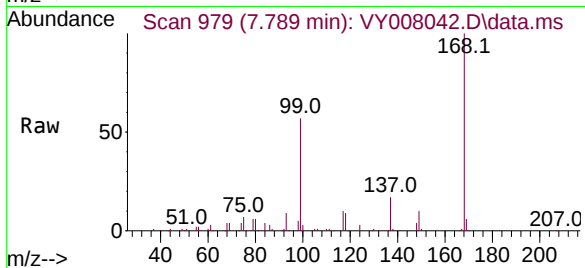




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008042.D
Acq: 26 Mar 2022 13:42

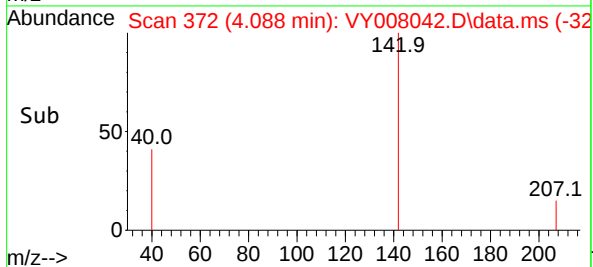
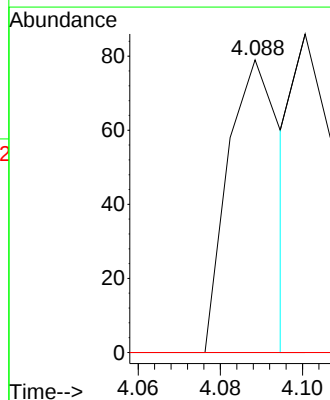
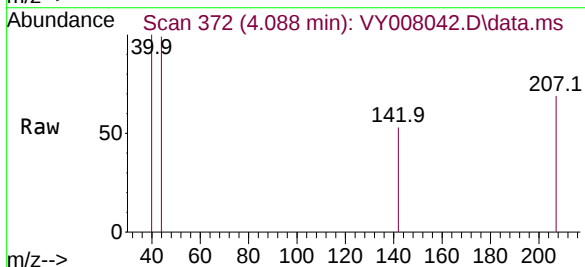
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-5.0-6.0

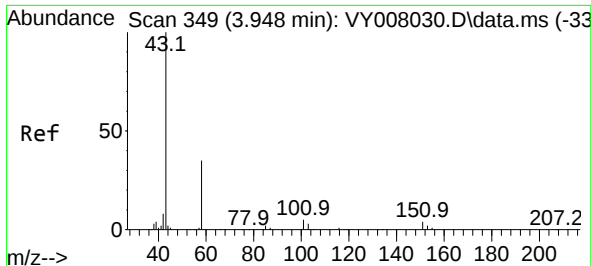
Tgt Ion:168 Resp: 119441
Ion Ratio Lower Upper
168 100
99 57.5 46.9 70.3



#10
Methyl Iodide
Concen: 1.741 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008042.D
Acq: 26 Mar 2022 13:42

Tgt Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

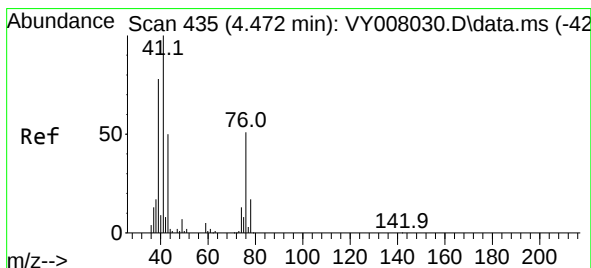
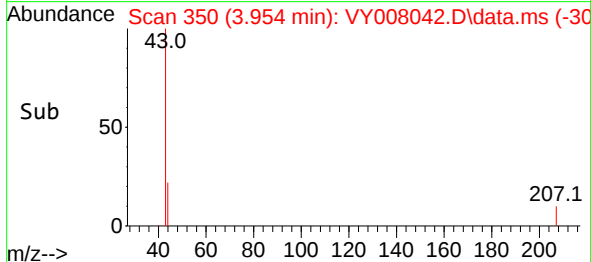
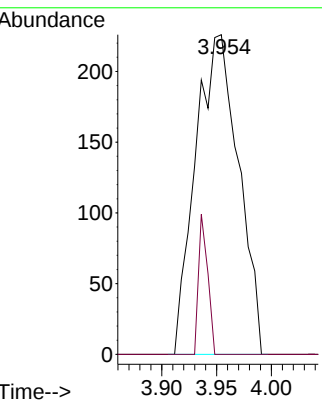
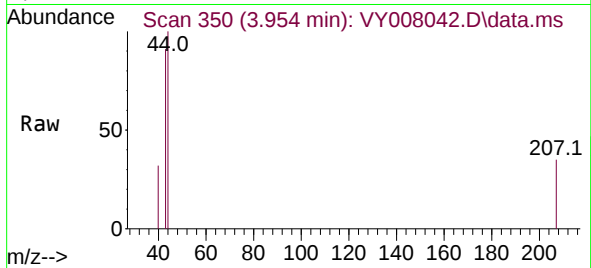




#16
Acetone
Concen: 2.249 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008042.D
Acq: 26 Mar 2022 13:42

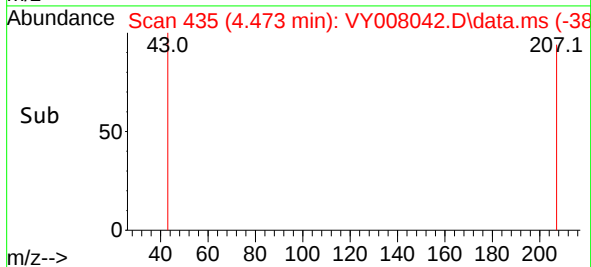
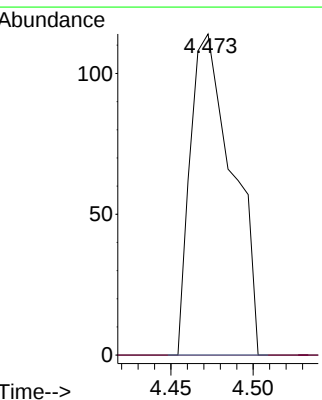
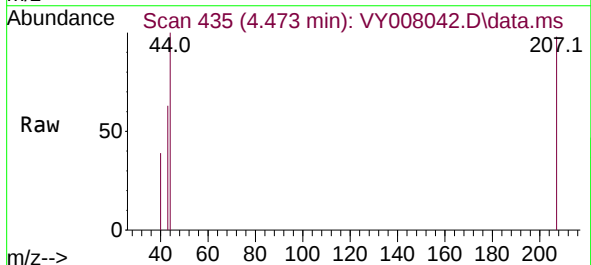
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-5.0-6.0

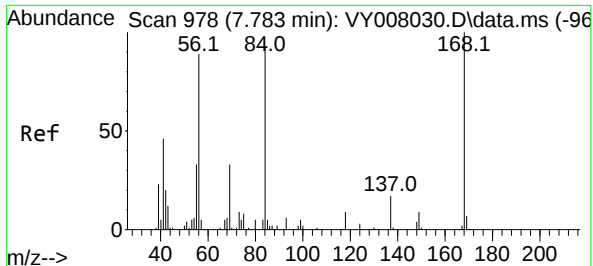
Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY008042.D
Acq: 26 Mar 2022 13:42

Tgt Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

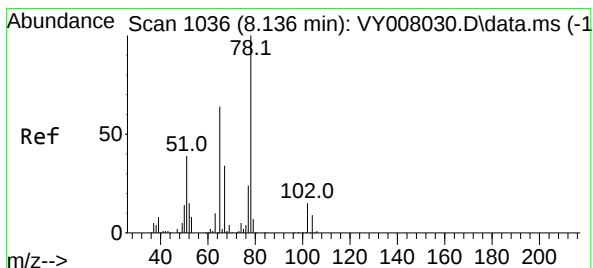
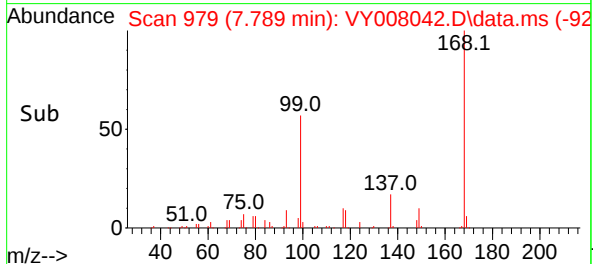
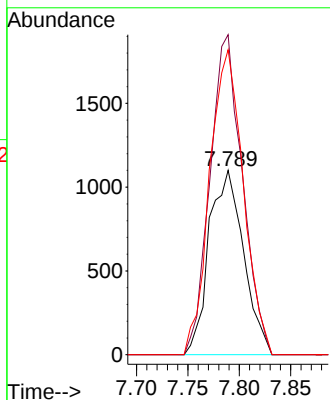
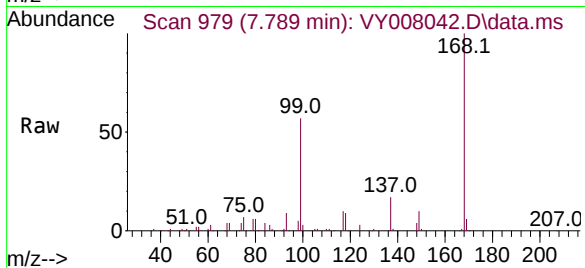




#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008042.D
Acq: 26 Mar 2022 13:42

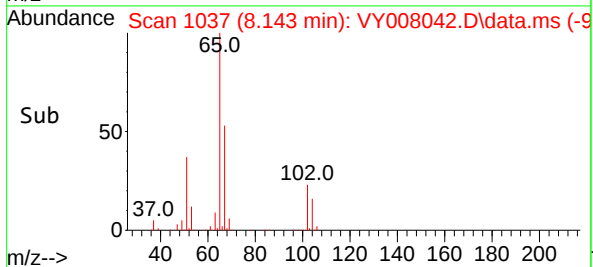
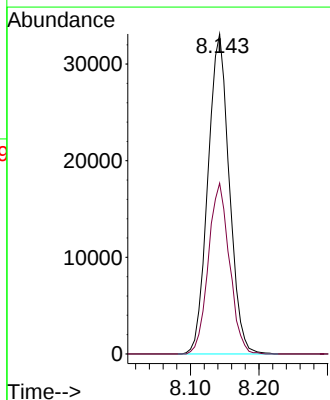
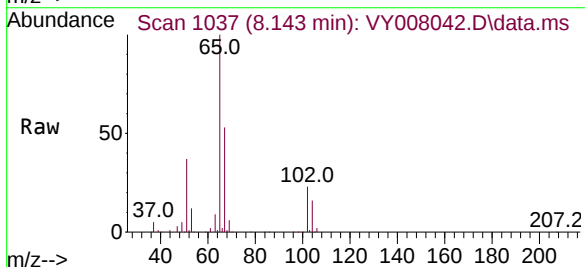
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-5.0-6.0

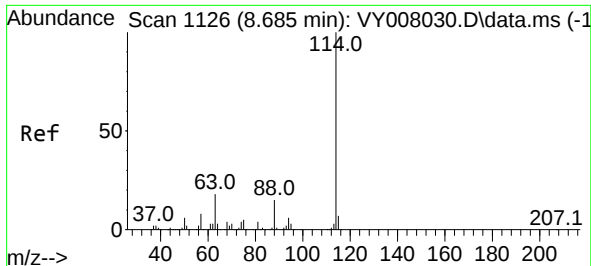
Tgt Ion: 56 Resp: 2563
Ion Ratio Lower Upper
56 100
69 173.6 26.7 40.1#
84 165.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.850 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008042.D
Acq: 26 Mar 2022 13:42

Tgt Ion: 65 Resp: 71721
Ion Ratio Lower Upper
65 100
67 52.6 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: VY008042.D

Acq: 26 Mar 2022 13:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-5.0-6.0

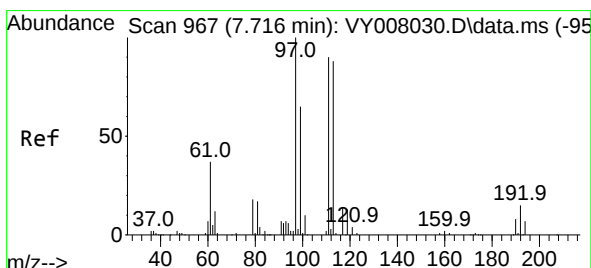
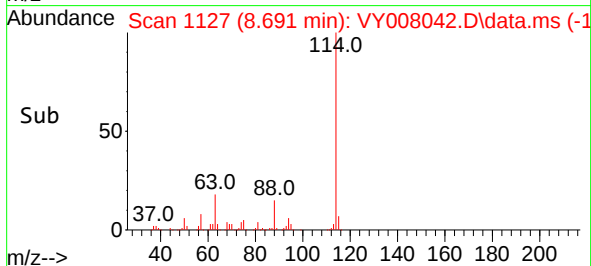
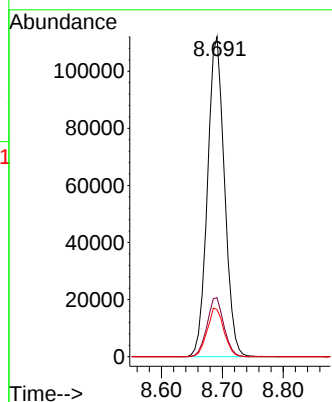
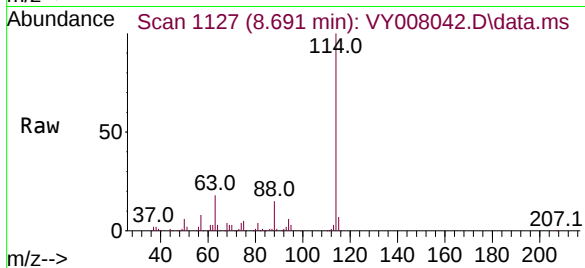
Tgt Ion:114 Resp: 216523

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.551 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008042.D

Acq: 26 Mar 2022 13:42

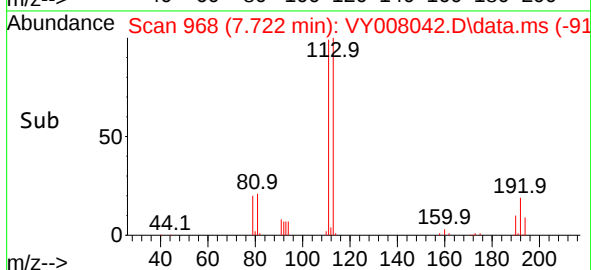
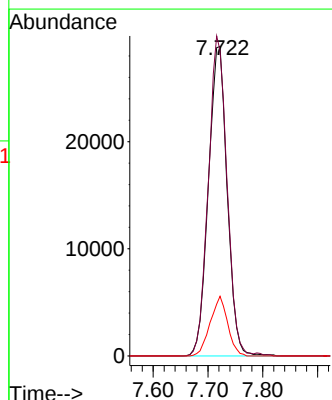
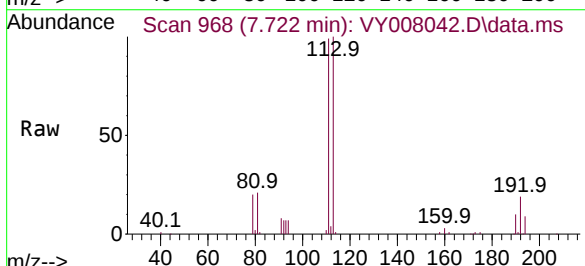
Tgt Ion:113 Resp: 68625

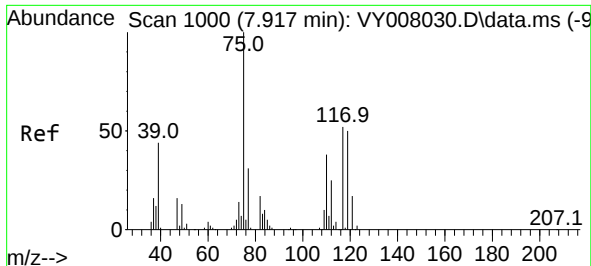
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 18.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.235 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008042.D

Acq: 26 Mar 2022 13:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-5.0-6.0

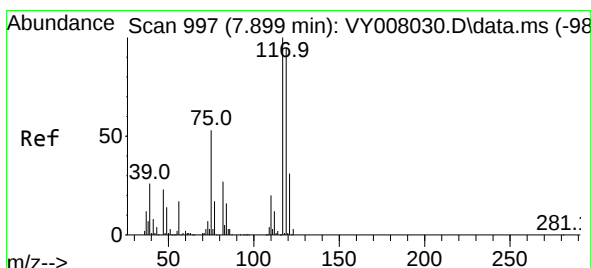
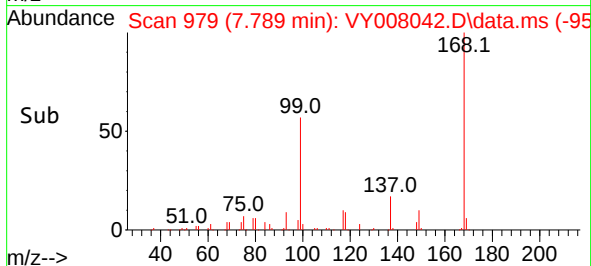
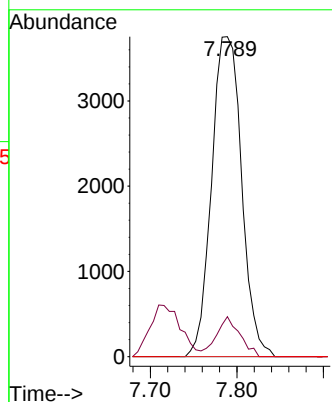
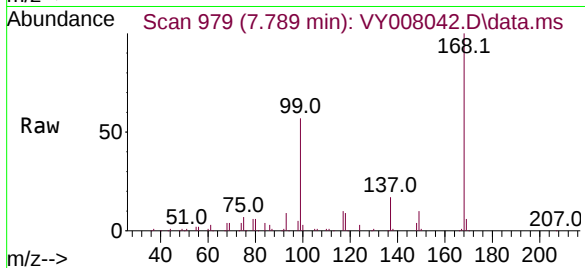
Tgt Ion: 75 Resp: 9031

Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.450 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008042.D

Acq: 26 Mar 2022 13:42

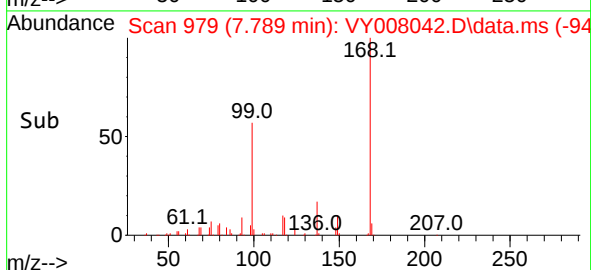
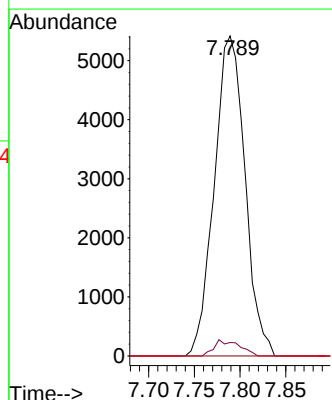
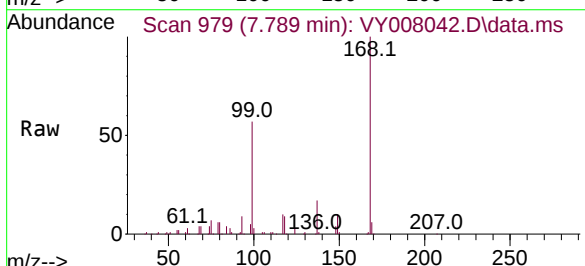
Tgt Ion: 117 Resp: 12665

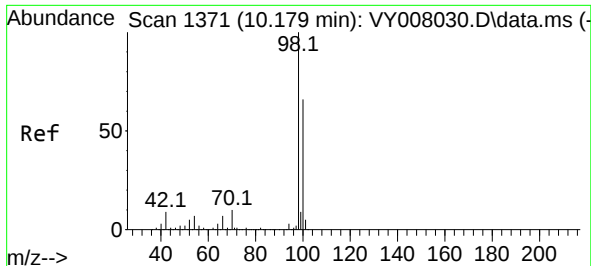
Ion Ratio Lower Upper

117 100

119 4.2 77.9 116.9#

121 0.0 24.8 37.2#

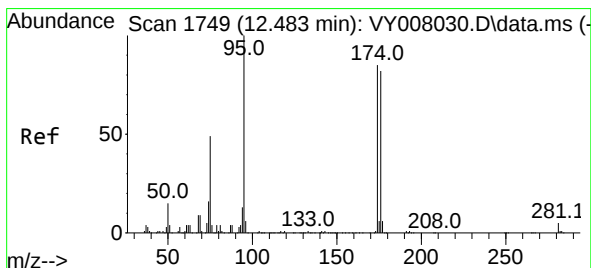
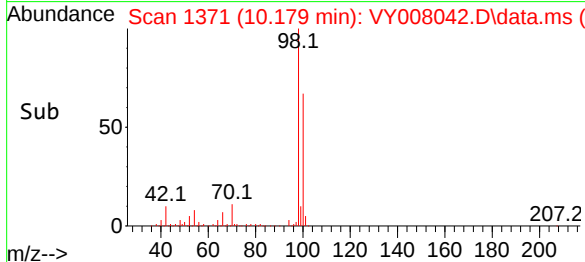
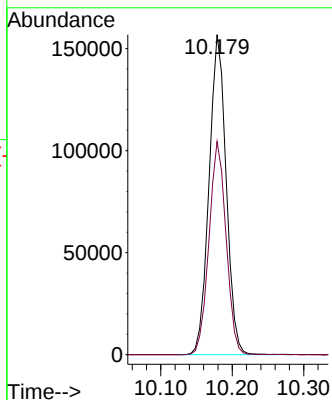
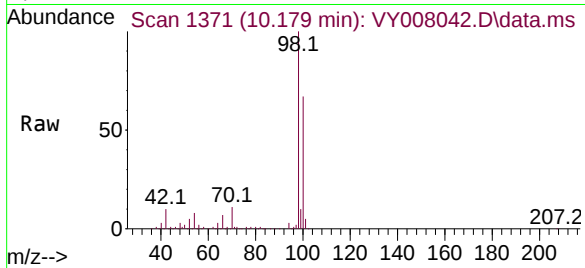




#50
Toluene-d8
Concen: 50.888 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008042.D
Acq: 26 Mar 2022 13:42

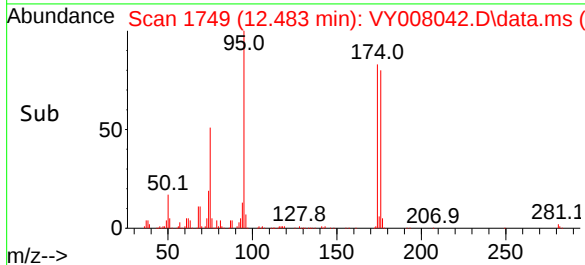
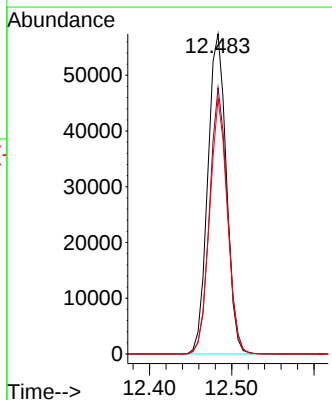
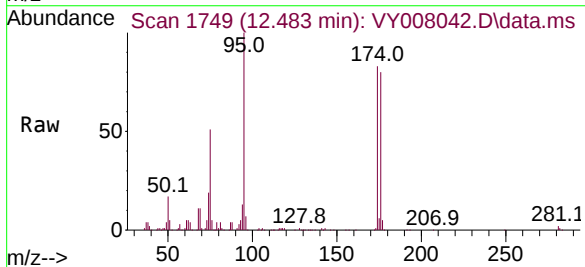
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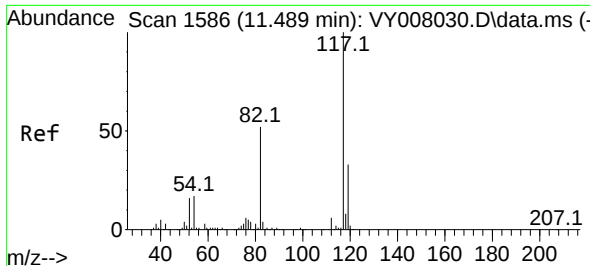
Tgt Ion: 98 Resp: 260269
Ion Ratio Lower Upper
98 100
100 66.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.798 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008042.D
Acq: 26 Mar 2022 13:42

Tgt Ion: 95 Resp: 89856
Ion Ratio Lower Upper
95 100
174 80.0 0.0 177.0
176 76.6 0.0 175.8

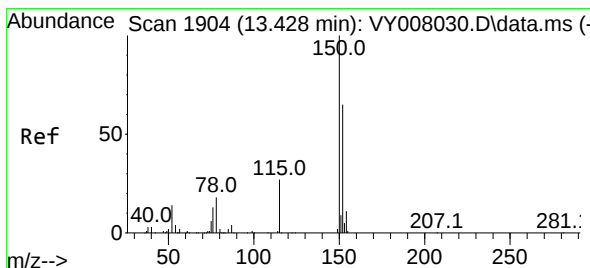
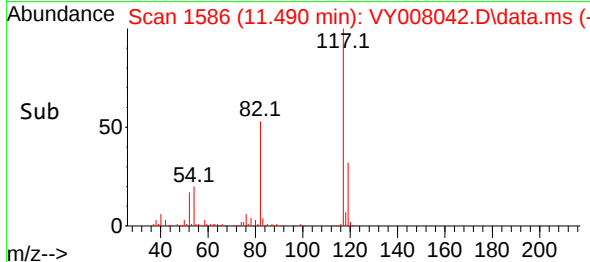
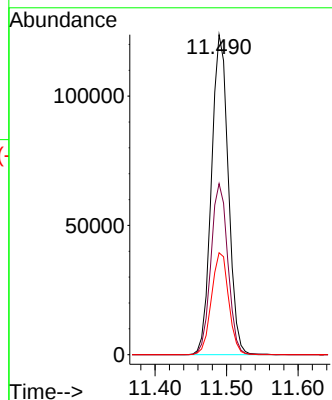
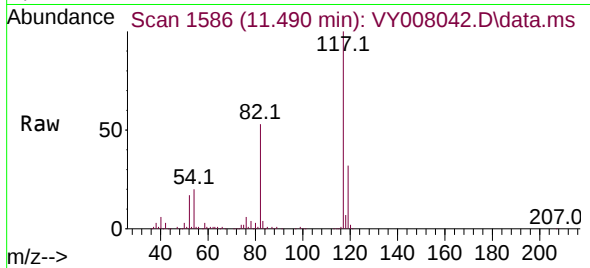




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008042.D
Acq: 26 Mar 2022 13:42

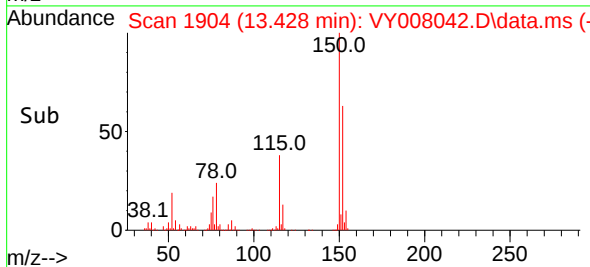
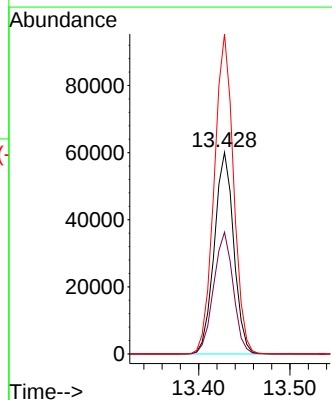
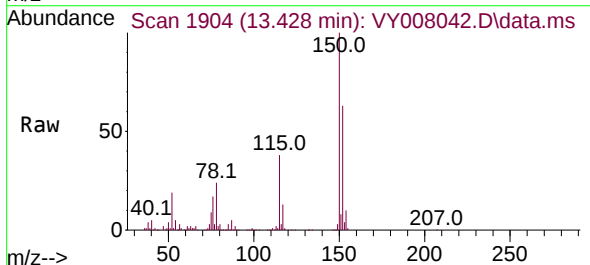
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-5.0-6.0

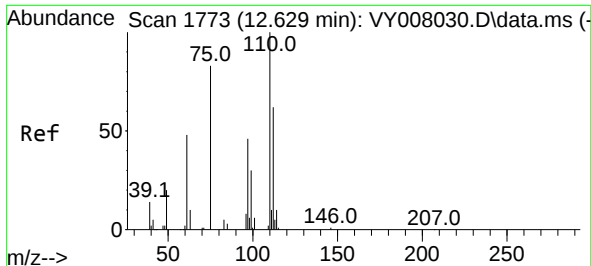
Tgt Ion:117 Resp: 202403
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008042.D
Acq: 26 Mar 2022 13:42

Tgt Ion:152 Resp: 88632
Ion Ratio Lower Upper
152 100
115 61.0 28.2 84.7
150 158.0 0.0 347.6

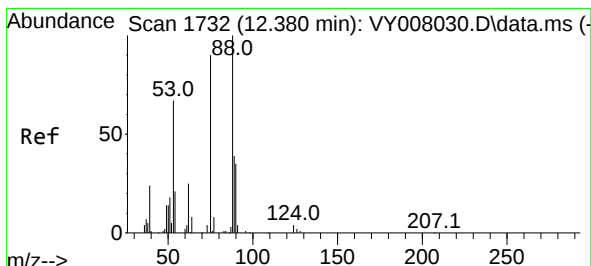
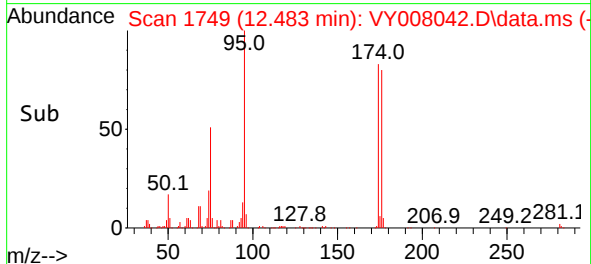
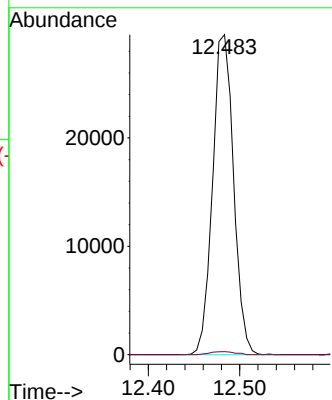
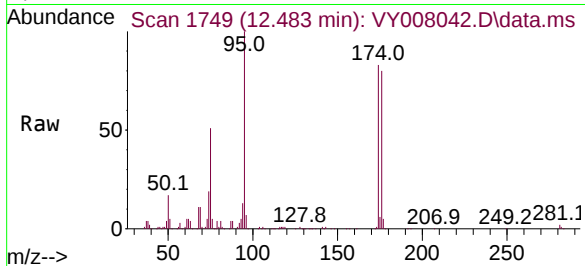




#76
1,2,3-Trichloropropane
Concen: 43.570 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008042.D
Acq: 26 Mar 2022 13:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-5.0-6.0

Tgt Ion: 75 Resp: 47074
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.211 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008042.D
Acq: 26 Mar 2022 13:42

Tgt Ion: 75 Resp: 47074
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

