

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008286.D
 Acq On : 12 Apr 2022 14:36
 Operator : KP/MD
 Sample : N2340-04RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-14.5-15.0

Quant Time: Apr 13 08:12:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

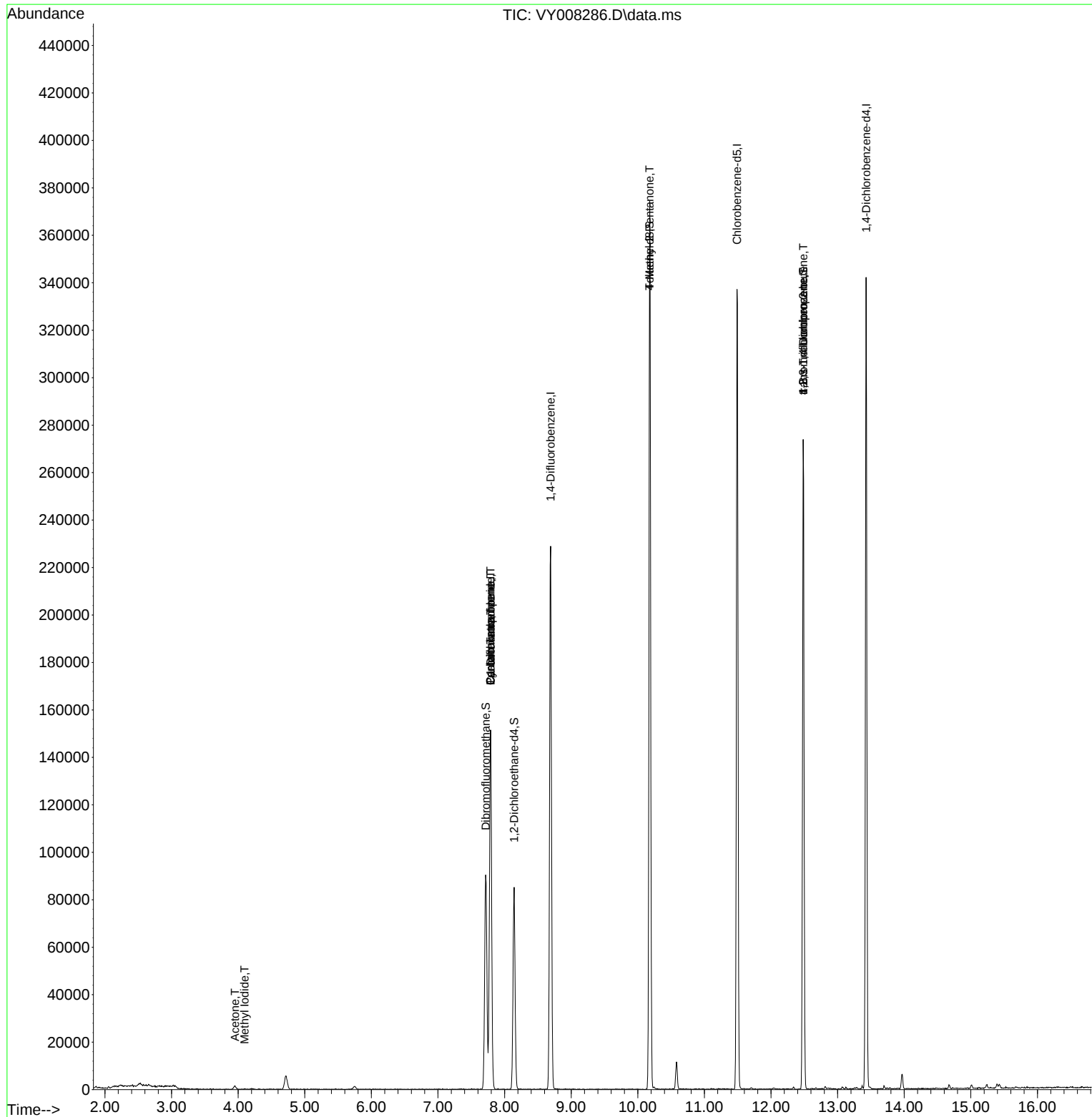
Internal Standards						
1) Pentafluorobenzene	7.789	168	118617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63272	56.787	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.580%			
35) Dibromofluoromethane	7.716	113	64695	53.719	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.440%			
50) Toluene-d8	10.179	98	253053	61.406	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 122.820%			
62) 4-Bromofluorobenzene	12.483	95	83564	53.912	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.820%			
Target Compounds						
3) Chloromethane	2.113	50	234	Below Cal	#	44
5) Bromomethane	2.656	94	353	Below Cal		94
10) Methyl Iodide	4.094	142	237	2.546	ug/l #	57
16) Acetone	3.954	43	2639	9.847	ug/l #	80
18) Methyl Acetate	4.485	43	173	Below Cal	#	56
20) Methylene Chloride	4.716	84	4831	Below Cal	#	73
31) Cyclohexane	7.789	56	2349	1.166	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8736	4.543	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11867	5.736	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	972	1.023	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	43688	46.257	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43688	103.498	ug/l #	7

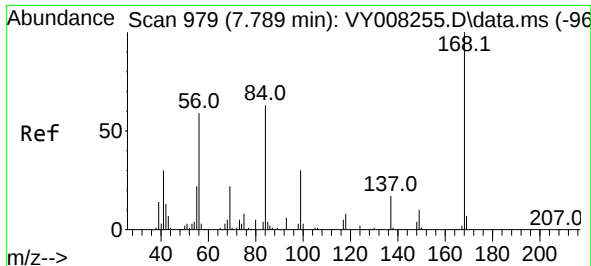
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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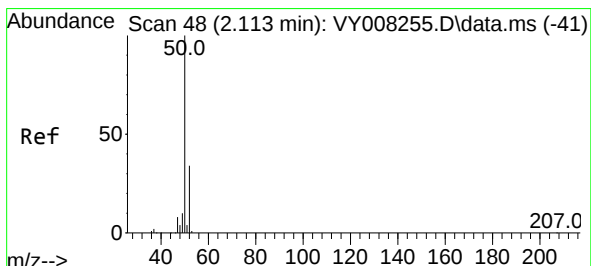
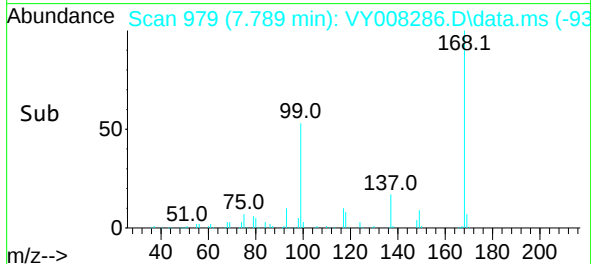
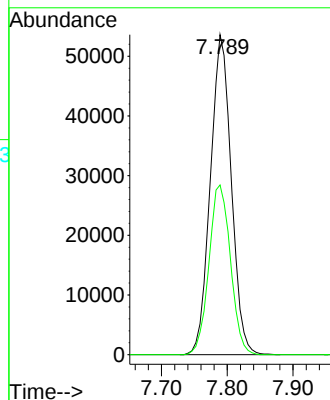
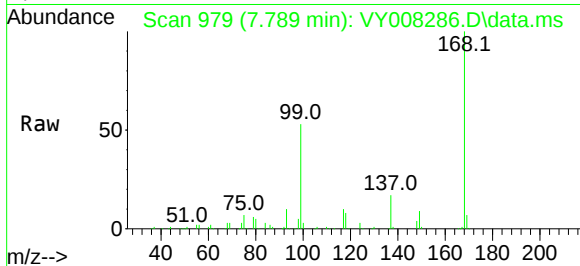




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

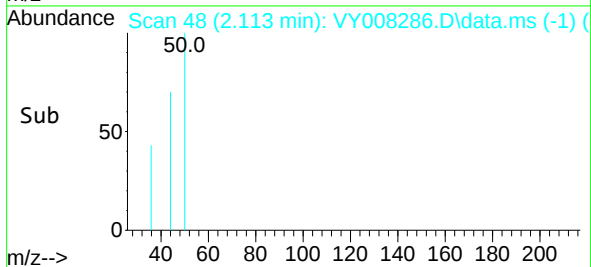
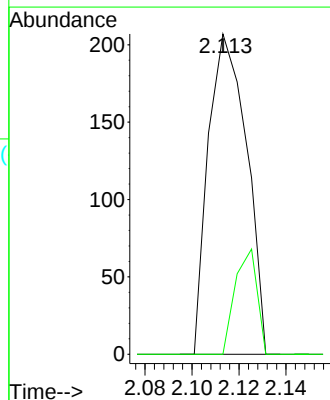
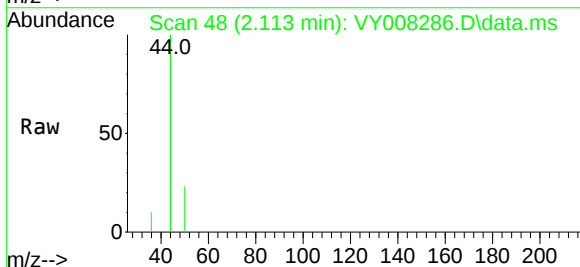
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-14.5-15.0

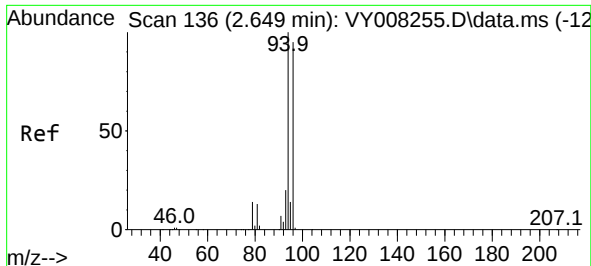
Tgt Ion:168 Resp: 118617
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

Tgt Ion: 50 Resp: 234
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

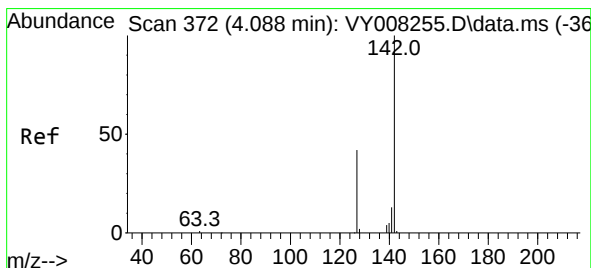
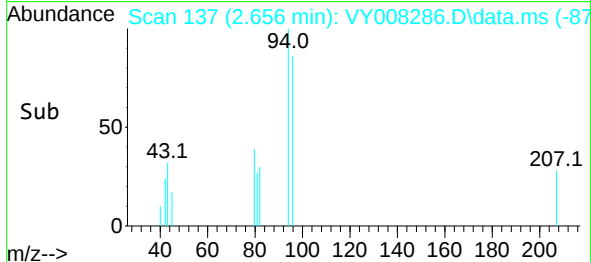
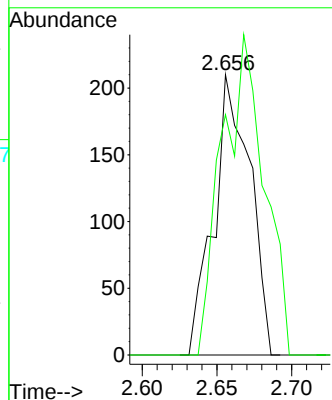
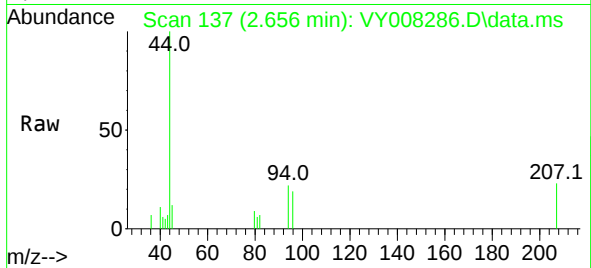




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

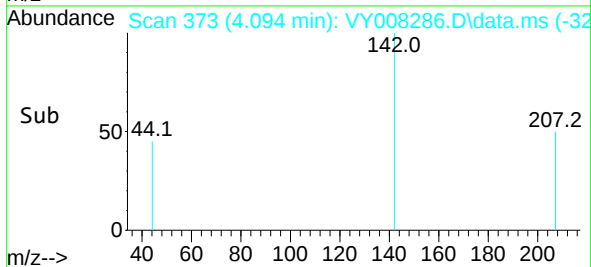
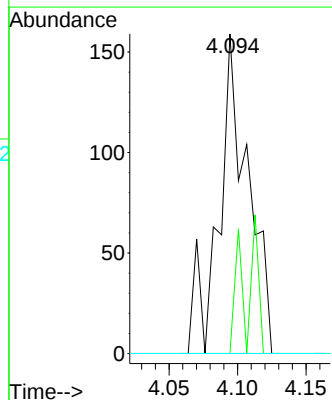
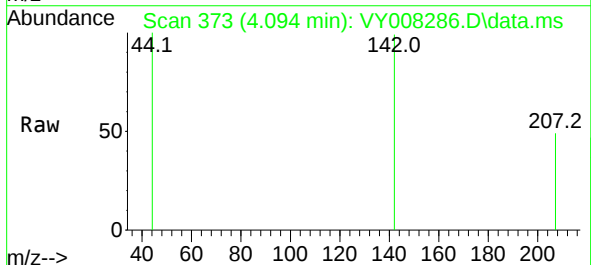
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-14.5-15.0

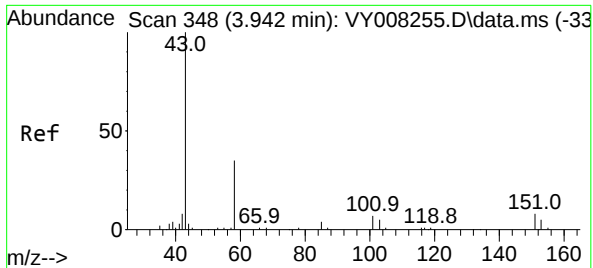
Tgt Ion: 94 Resp: 353
Ion Ratio Lower Upper
94 100
96 85.7 73.5 110.3



#10
Methyl Iodide
Concen: 2.546 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

Tgt Ion:142 Resp: 237
Ion Ratio Lower Upper
142 100
127 20.3 41.5 62.3#
141 0.0 11.9 17.9#

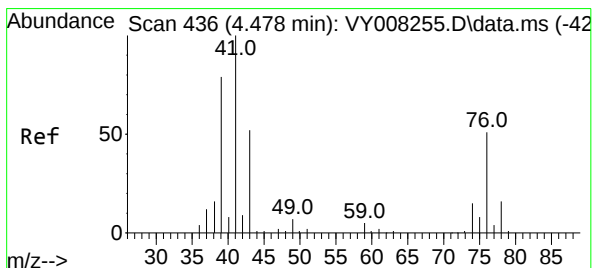
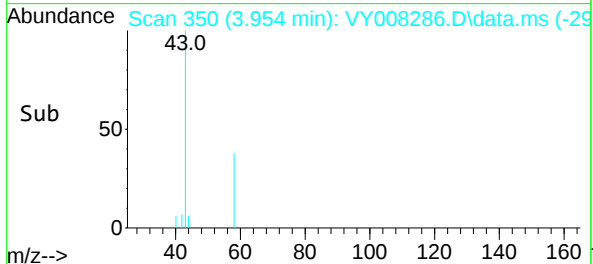
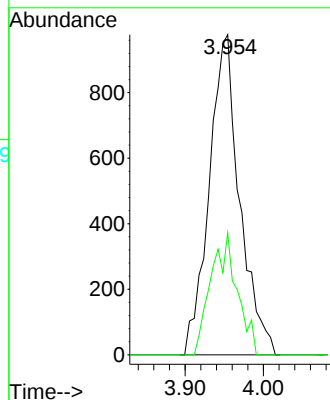
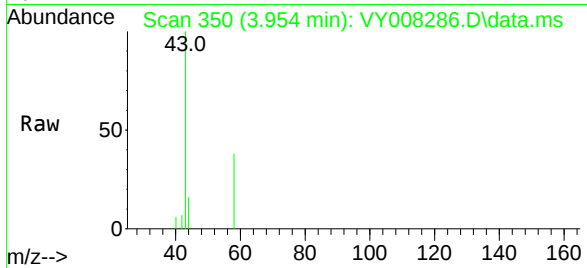




#16
Acetone
Concen: 9.847 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

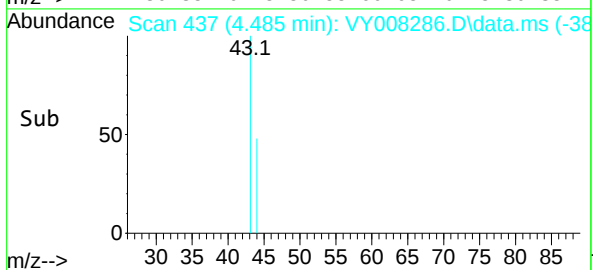
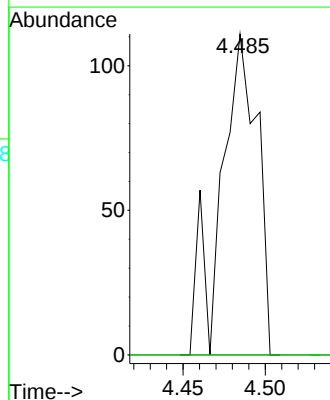
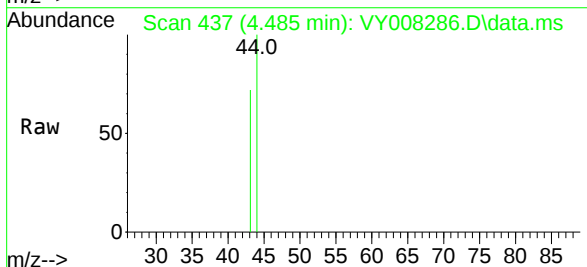
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-14.5-15.0

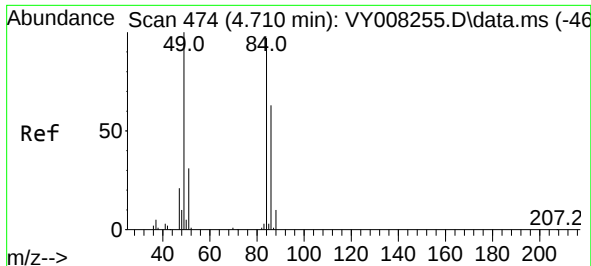
Tgt Ion: 43 Resp: 2639
Ion Ratio Lower Upper
43 100
58 38.1 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

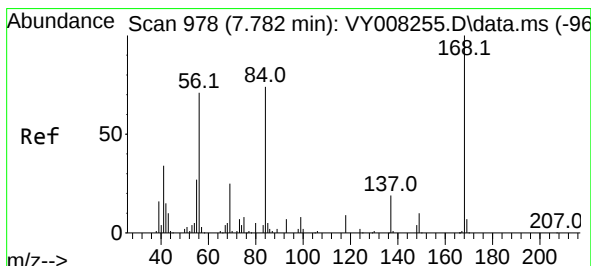
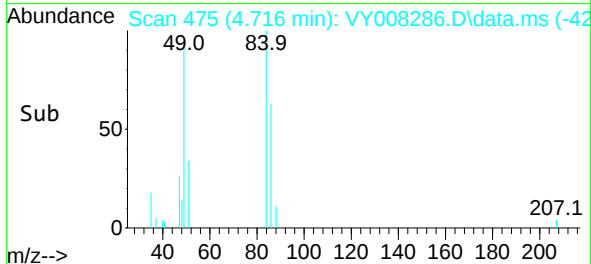
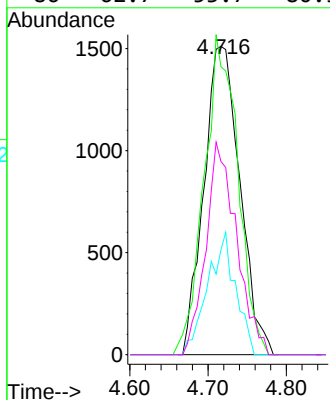
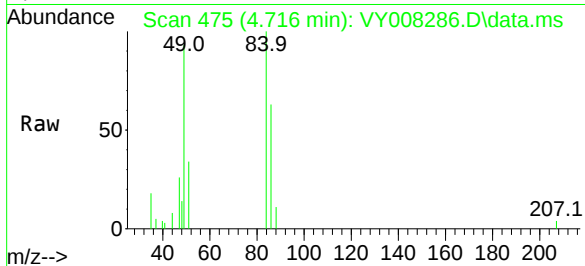




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

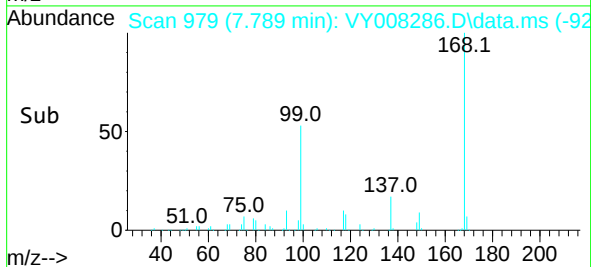
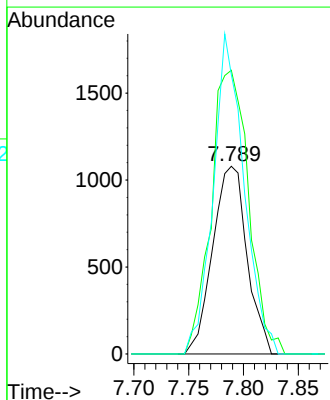
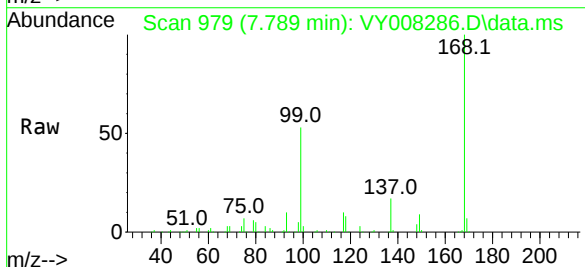
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-14.5-15.0

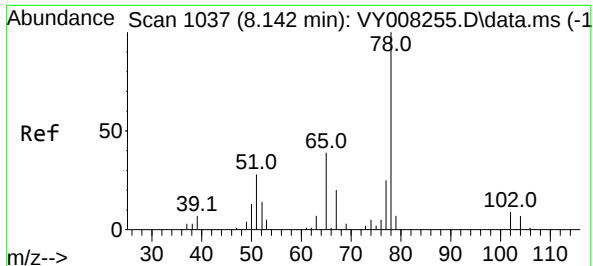
Tgt Ion: 84 Resp: 4831
Ion Ratio Lower Upper
84 100
49 93.4 114.4 171.6#
51 34.0 35.3 52.9#
86 62.7 53.7 80.5



#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

Tgt Ion: 56 Resp: 2349
Ion Ratio Lower Upper
56 100
69 151.2 26.7 40.1#
84 148.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.787 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY008286.D

Acq: 12 Apr 2022 14:36

Instrument :

MSVOA_Y

ClientSampleId :

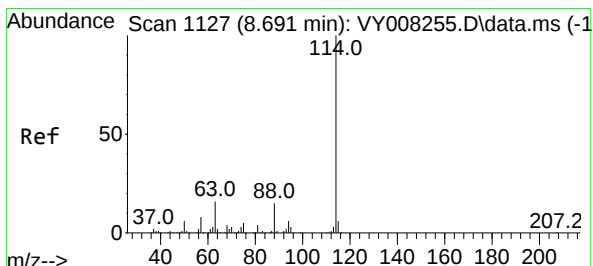
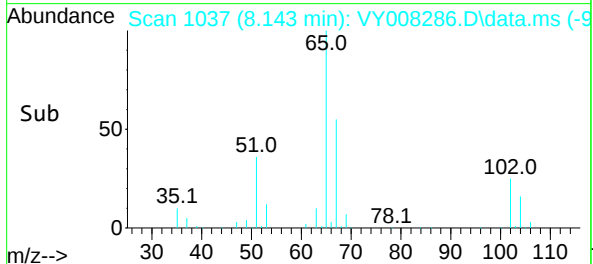
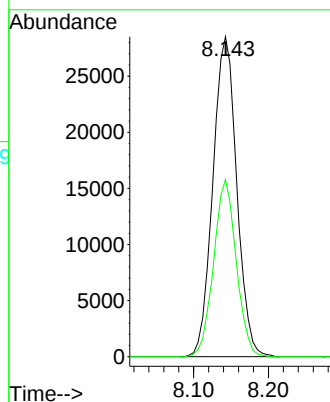
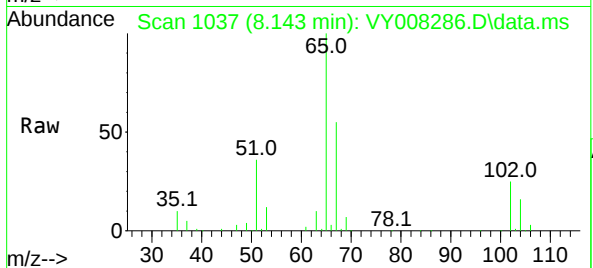
SB-06-14.5-15.0

Tgt Ion: 65 Resp: 63272

Ion Ratio Lower Upper

65 100

67 52.5 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: VY008286.D

Acq: 12 Apr 2022 14:36

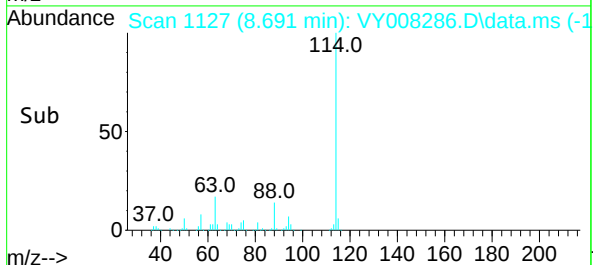
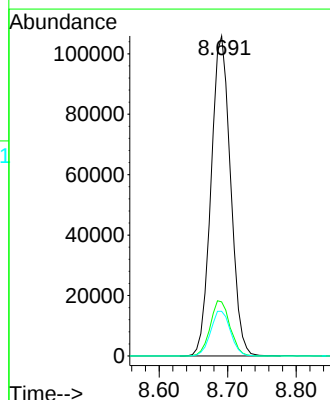
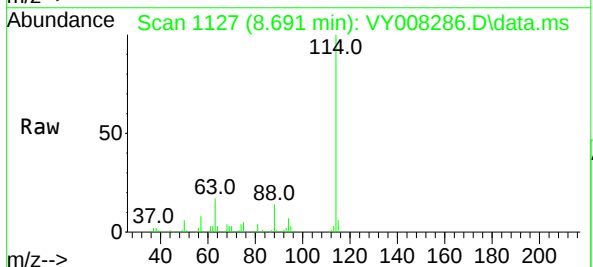
Tgt Ion: 114 Resp: 208512

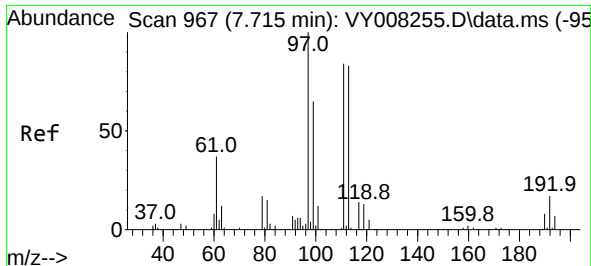
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 13.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.719 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.001 min

Lab File: VY008286.D

Acq: 12 Apr 2022 14:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-06-14.5-15.0

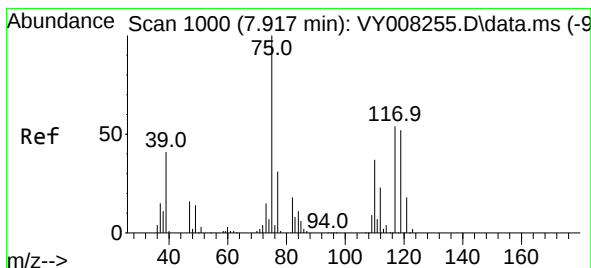
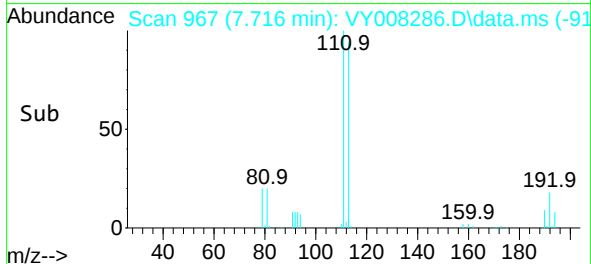
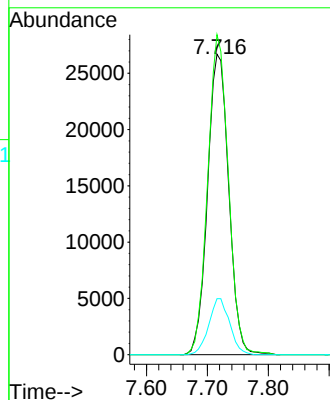
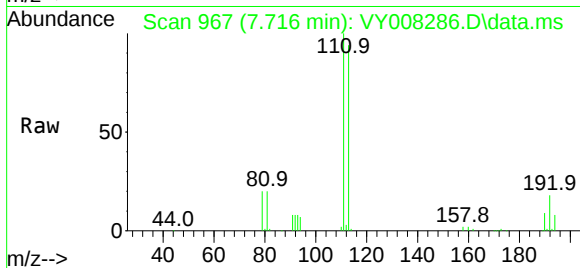
Tgt Ion:113 Resp: 64695

Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 18.3 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.543 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY008286.D

Acq: 12 Apr 2022 14:36

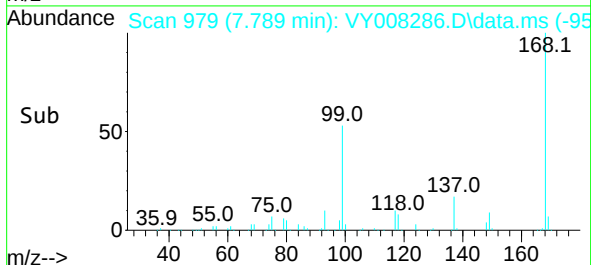
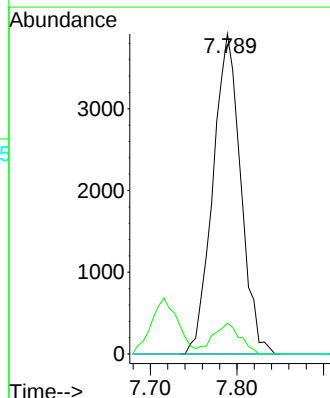
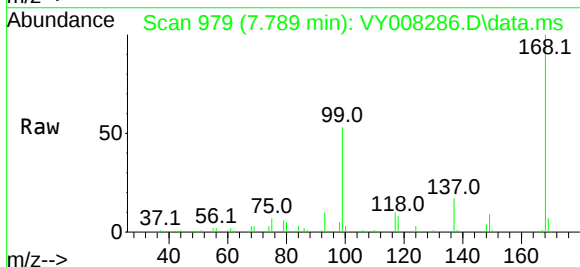
Tgt Ion: 75 Resp: 8736

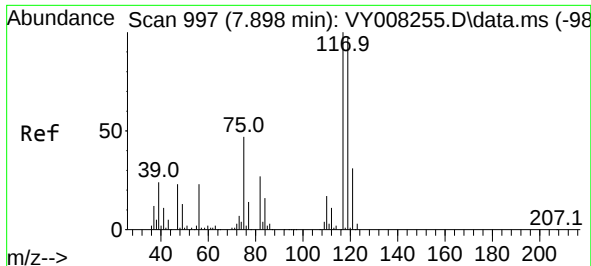
Ion Ratio Lower Upper

75 100

110 9.4 17.1 51.2#

77 0.0 24.4 36.6#

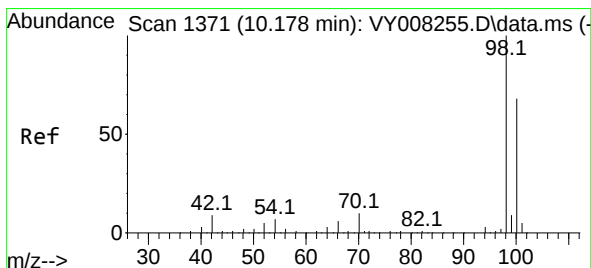
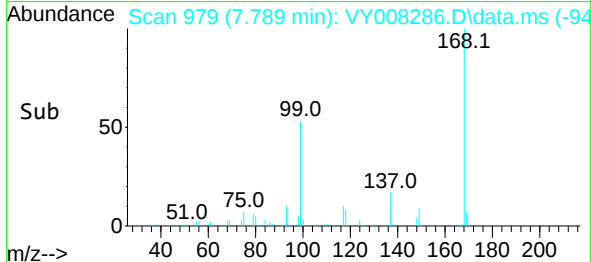
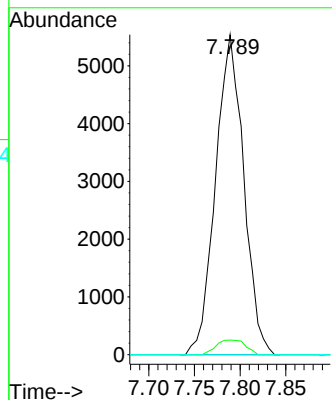
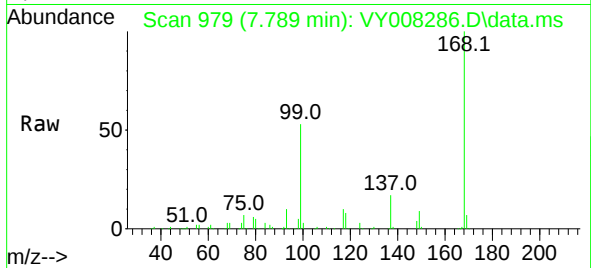




#38
Carbon Tetrachloride
Concen: 5.736 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

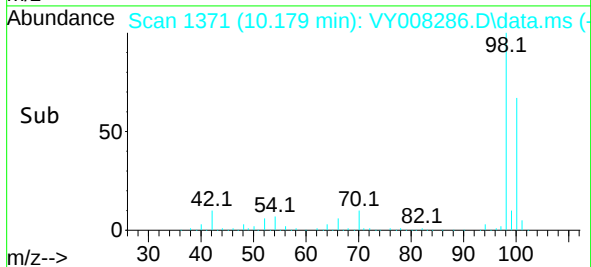
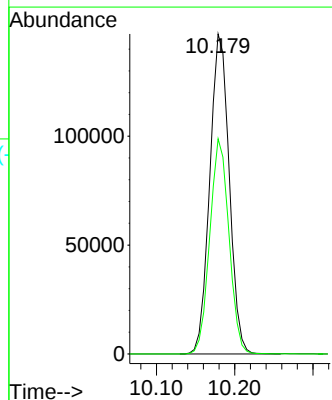
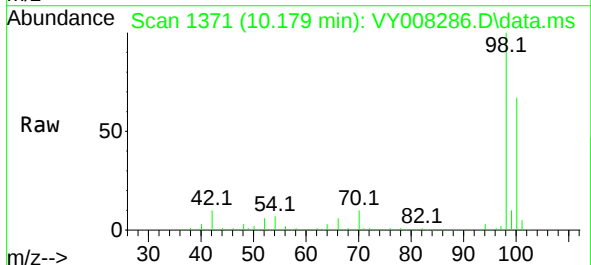
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-14.5-15.0

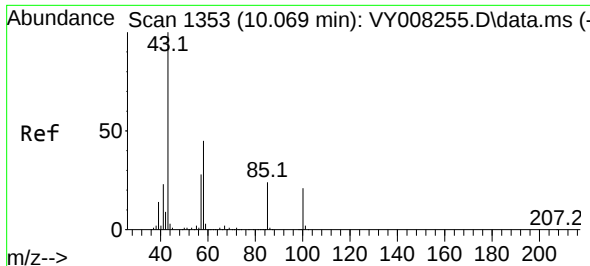
Tgt Ion:117 Resp: 11867
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.406 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

Tgt Ion: 98 Resp: 253053
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2

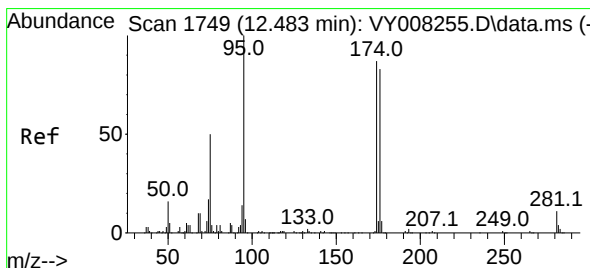
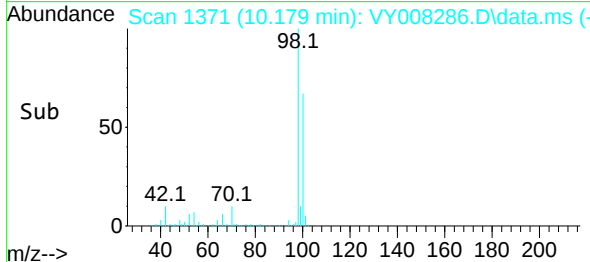
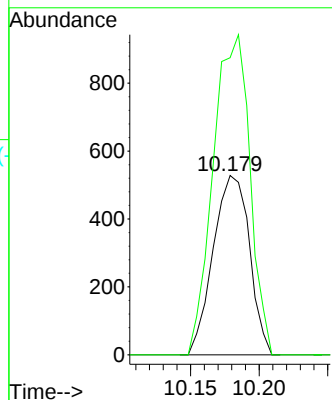
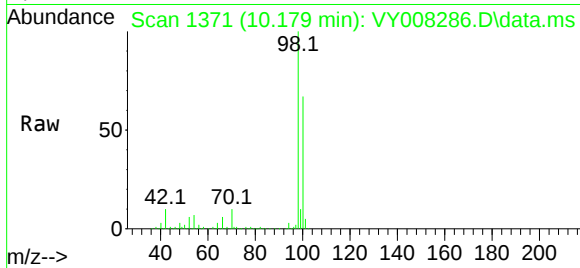




#51
4-Methyl-2-Pentanone
Concen: 1.023 ug/l
RT: 10.179 min Scan# 1353
Delta R.T. 0.110 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

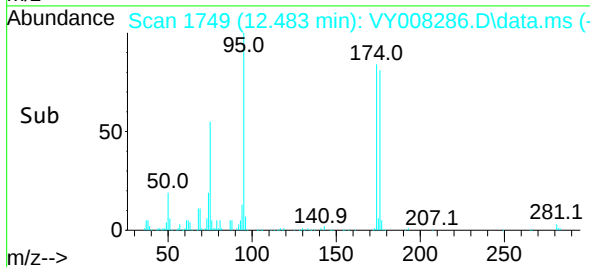
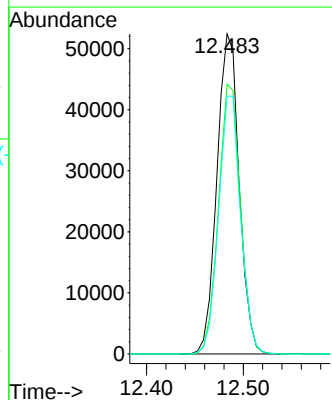
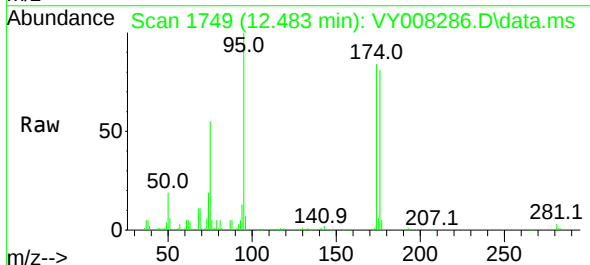
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-14.5-15.0

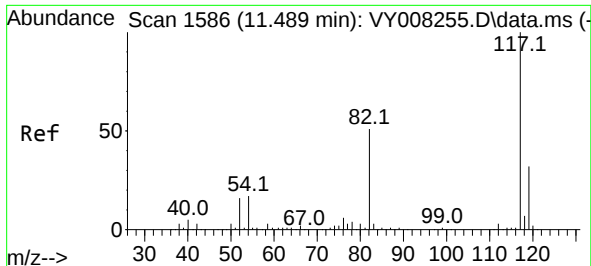
Tgt Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
58 180.7 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 53.912 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

Tgt Ion: 95 Resp: 83564
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 79.7 0.0 175.8

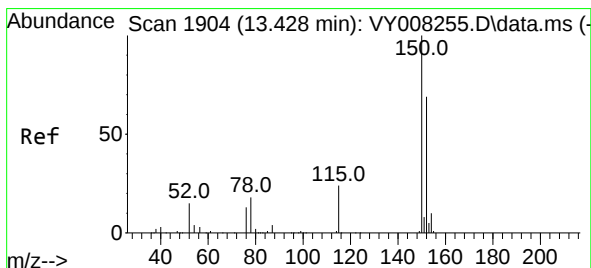
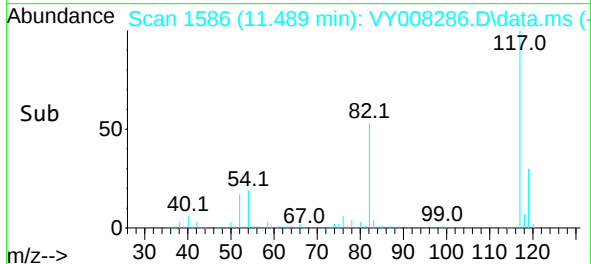
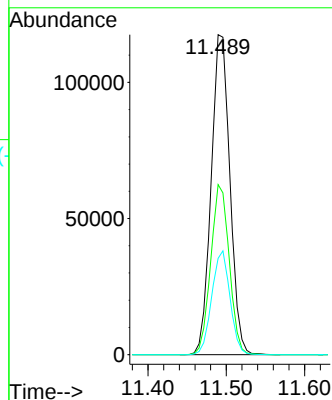
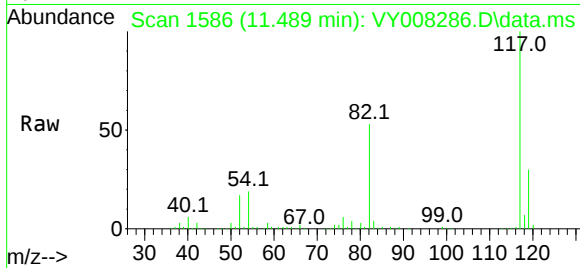




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

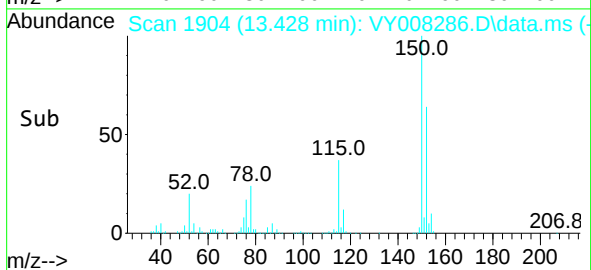
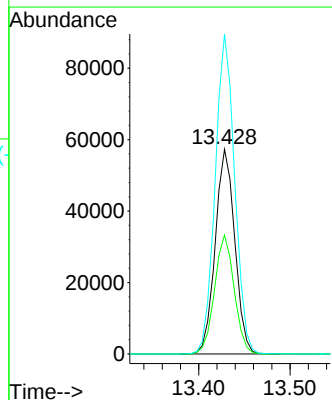
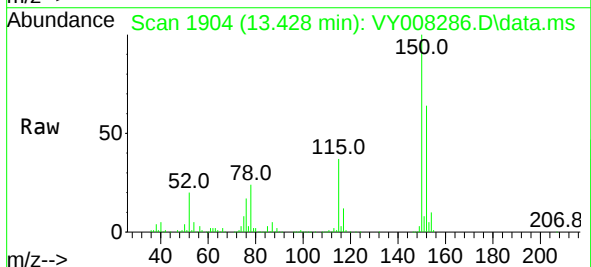
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-14.5-15.0

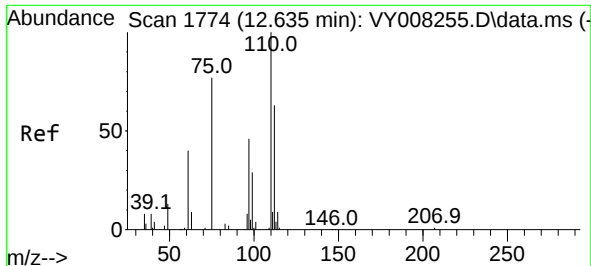
Tgt Ion:117 Resp: 195208
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 30.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

Tgt Ion:152 Resp: 85397
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 156.1 0.0 347.6

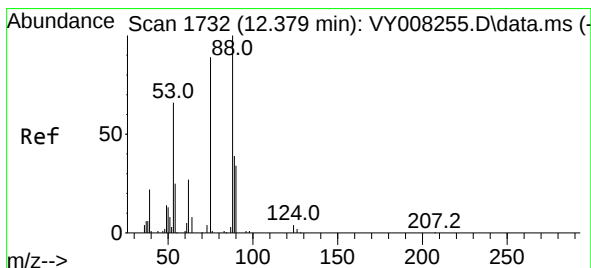
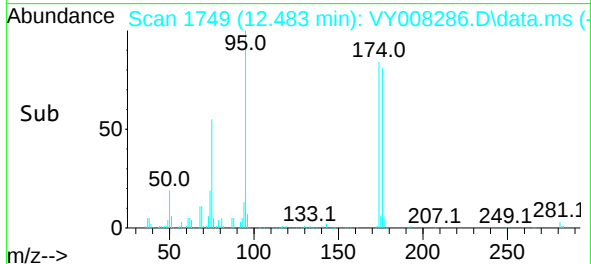
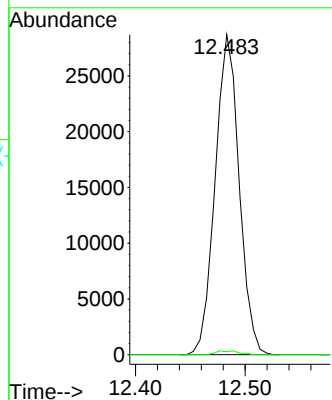
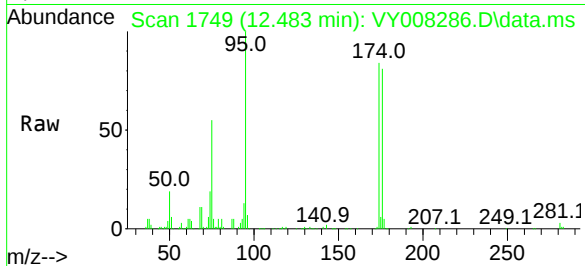




#76
1,2,3-Trichloropropane
Concen: 46.257 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-14.5-15.0

Tgt Ion: 75 Resp: 43688
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.498 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008286.D
Acq: 12 Apr 2022 14:36

Tgt Ion: 75 Resp: 43688
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

