

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008370.D
 Acq On : 18 Apr 2022 13:59
 Operator : KP/MD
 Sample : N2429-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-041422

Quant Time: Apr 19 06:29:07 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)

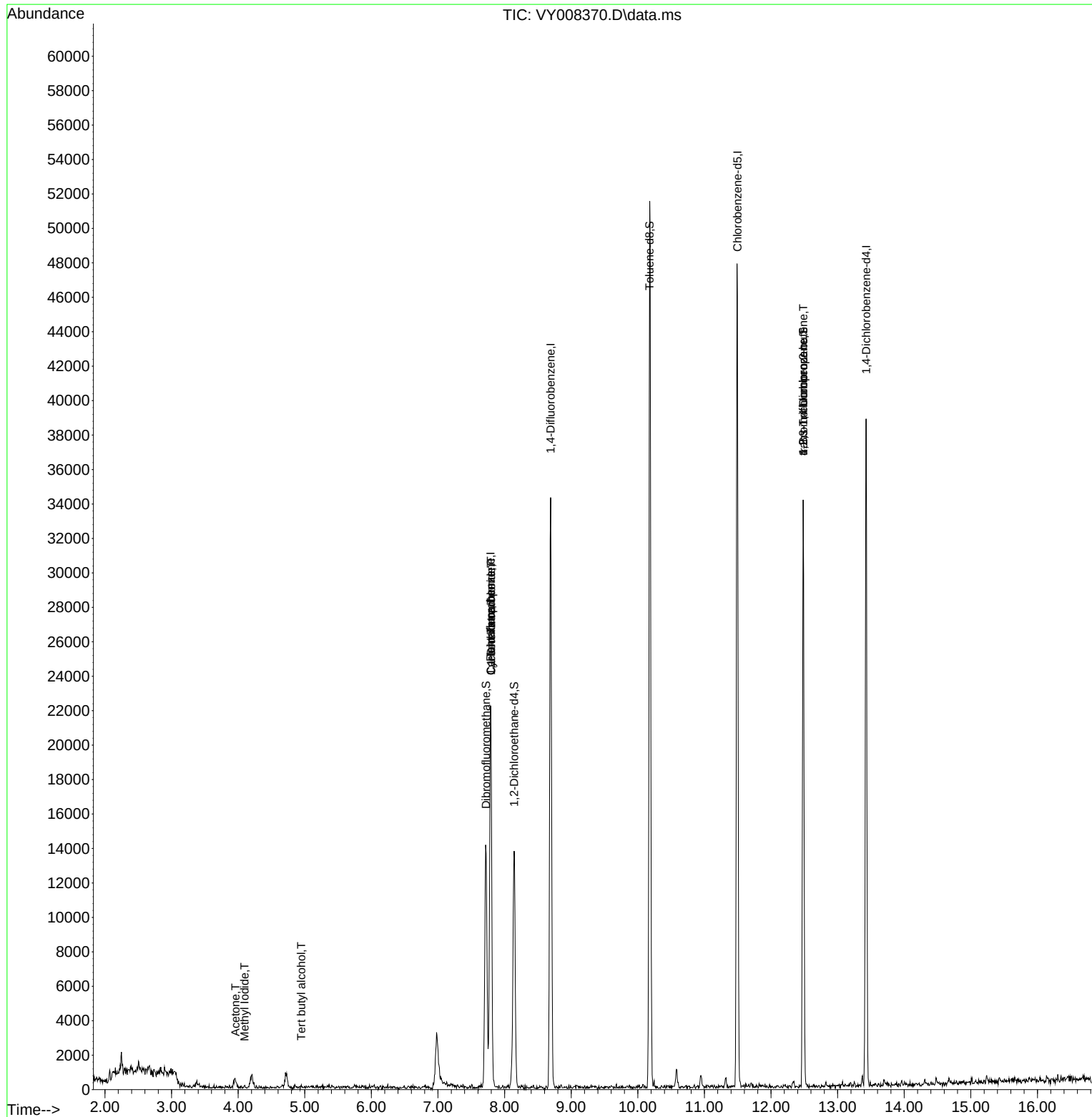
Internal Standards						
1) Pentafluorobenzene	7.789	168	17852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	30974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	27623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10285	61.334	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.660%			
35) Dibromofluoromethane	7.722	113	10073	56.305	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.620%			
50) Toluene-d8	10.179	98	35437	57.888	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.780%			
62) 4-Bromofluorobenzene	12.483	95	10468	45.464	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.920%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	133	Below Cal	#	44
5) Bromomethane	2.680	94	305	Below Cal	#	74
10) Methyl Iodide	4.094	142	159	3.081	ug/l #	35
11) Tert butyl alcohol	4.948	59	19	1.060	ug/l #	77
16) Acetone	3.960	43	878	21.769	ug/l	92
18) Methyl Acetate	4.204	43	185	Below Cal	#	56
20) Methylene Chloride	4.722	84	718	Below Cal	#	61
31) Cyclohexane	7.795	56	360	1.187	ug/l #	40
36) 1,1-Dichloropropene	7.795	75	1415	4.953	ug/l #	45
38) Carbon Tetrachloride	7.795	117	1806	5.876	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	5870	51.670	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5870	115.610	ug/l #	7

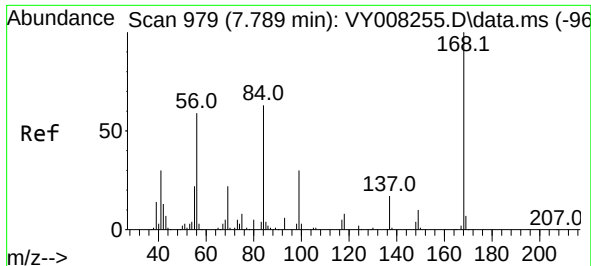
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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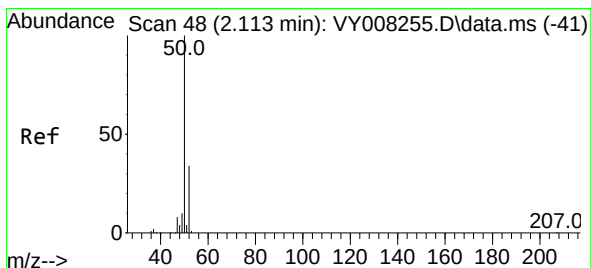
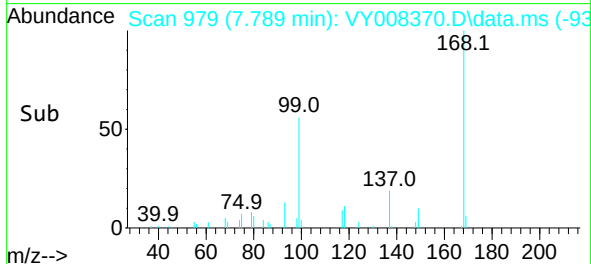
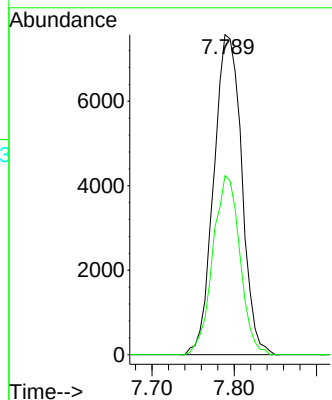
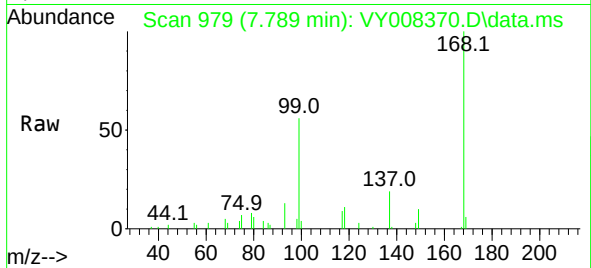




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

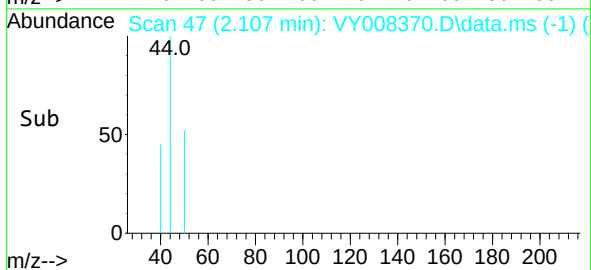
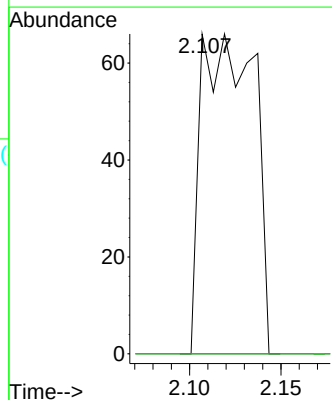
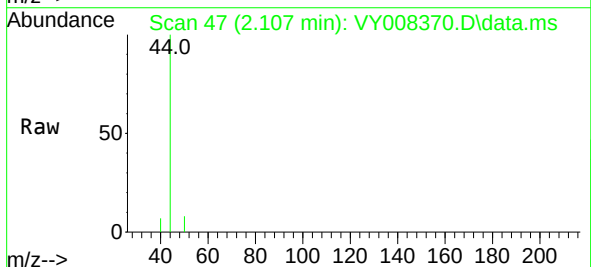
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-041422

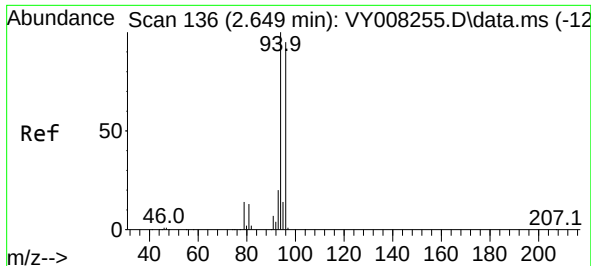
Tgt Ion:168 Resp: 17852
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

Tgt Ion: 50 Resp: 133
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

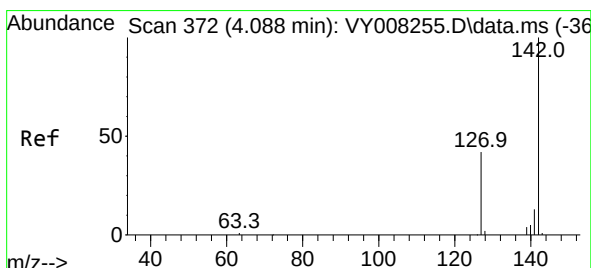
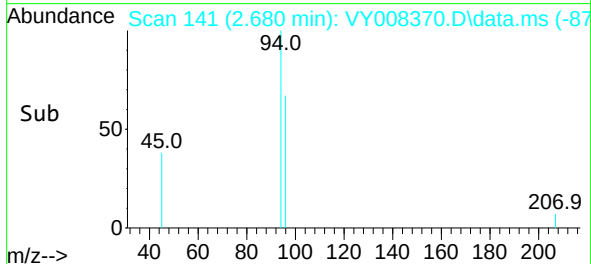
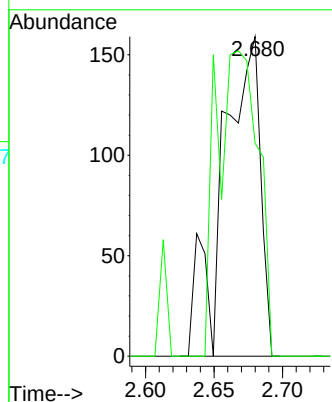
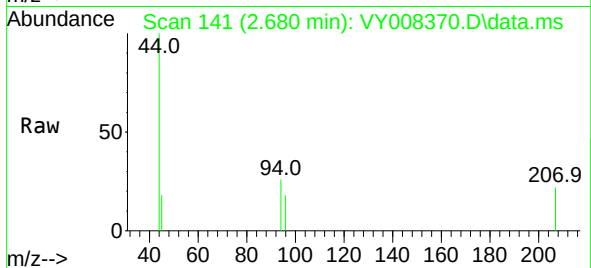




#5
Bromomethane
Concen: Below Cal
RT: 2.680 min Scan# 14
Delta R.T. 0.031 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

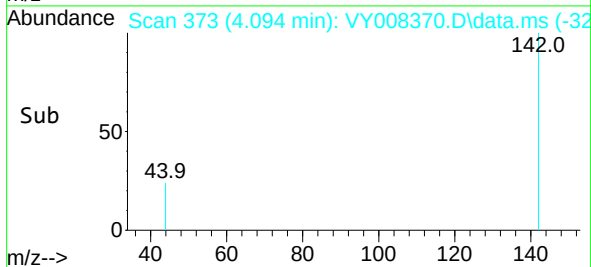
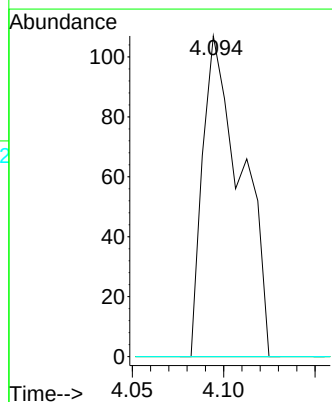
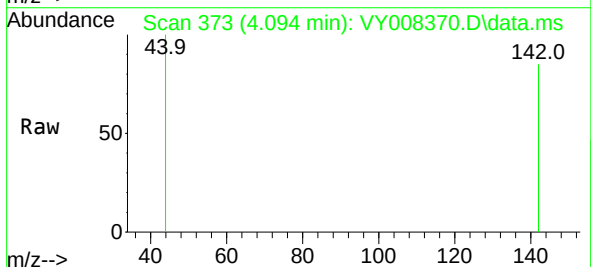
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-041422

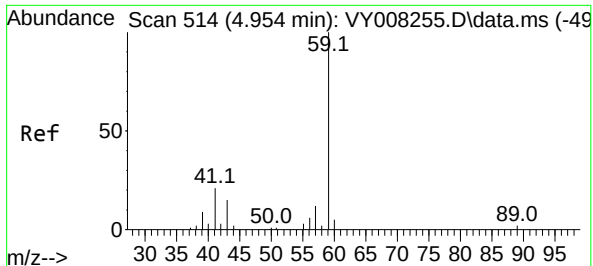
Tgt Ion: 94 Resp: 305
Ion Ratio Lower Upper
94 100
96 66.7 73.5 110.3#



#10
Methyl Iodide
Concen: 3.081 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

Tgt Ion: 142 Resp: 159
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

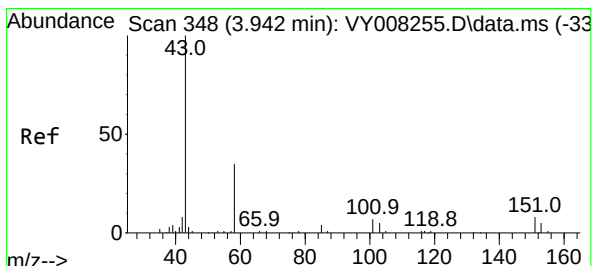
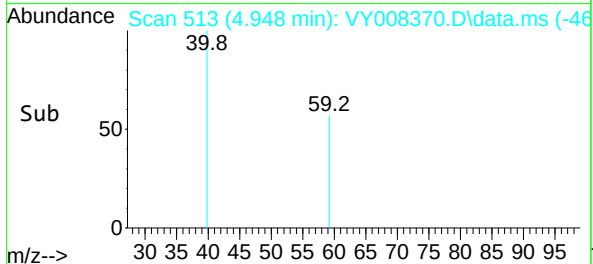
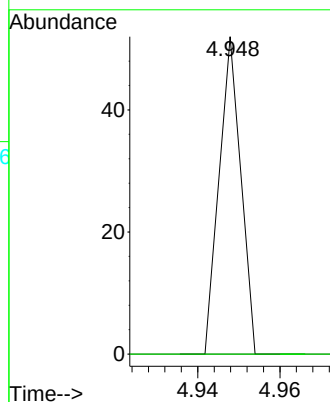
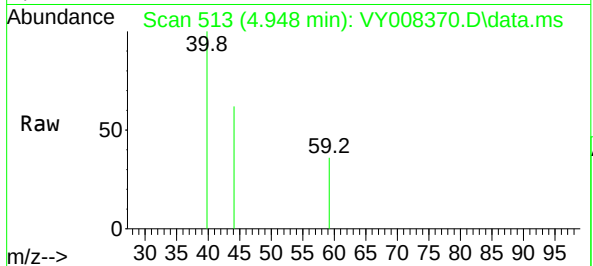




#11
Tert butyl alcohol
Concen: 1.060 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

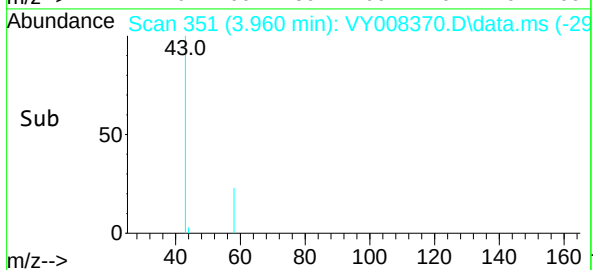
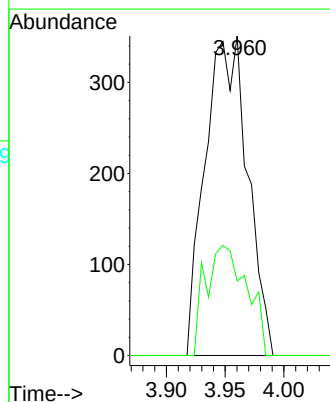
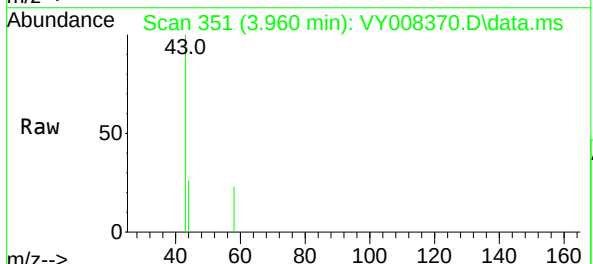
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-041422

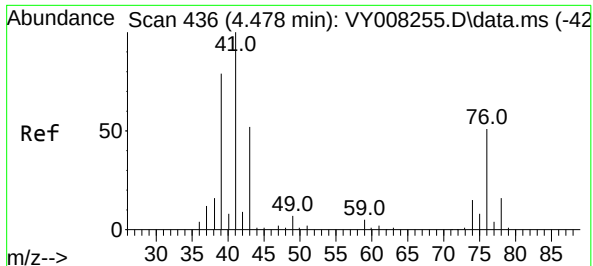
Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 21.769 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
58 23.4 22.0 33.0

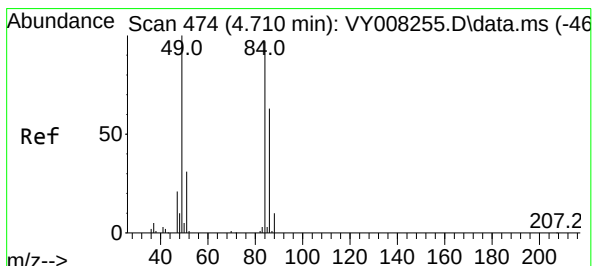
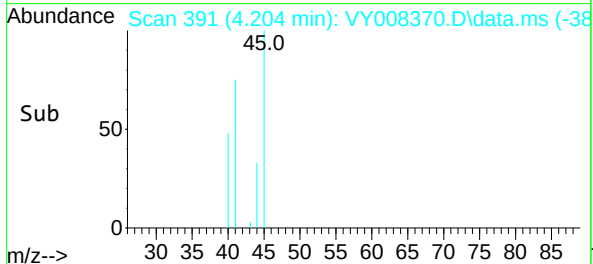
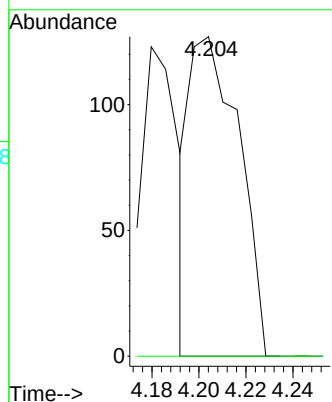
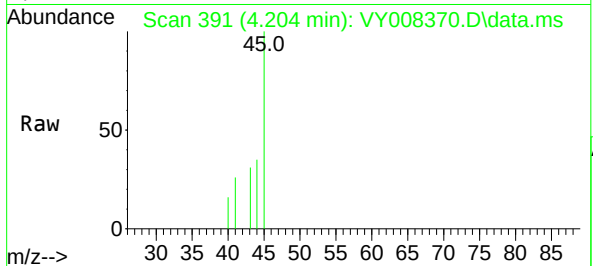




#18
Methyl Acetate
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. -0.274 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

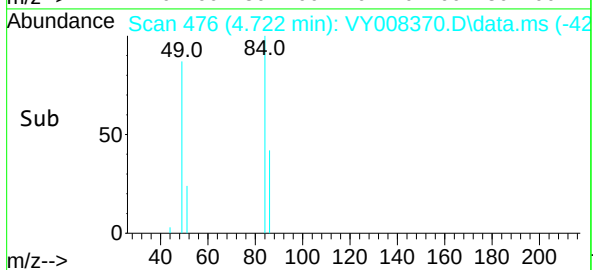
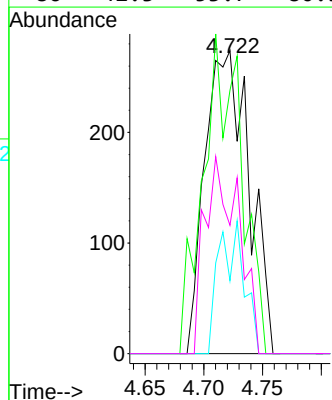
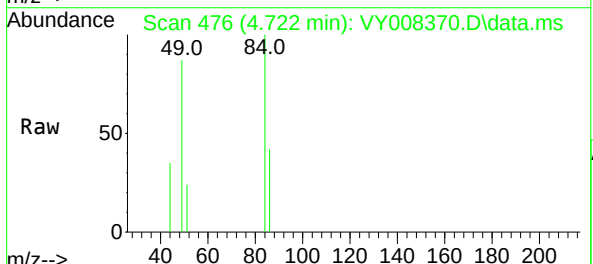
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-041422

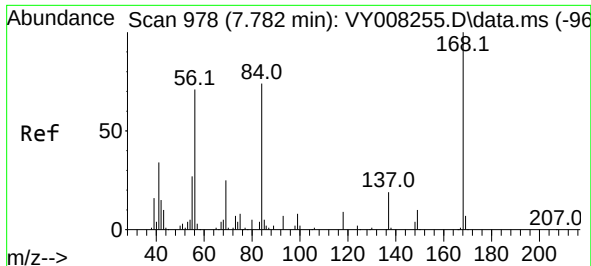
Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

Tgt Ion: 84 Resp: 718
Ion Ratio Lower Upper
84 100
49 86.9 114.4 171.6#
51 24.1 35.3 52.9#
86 42.3 53.7 80.5#

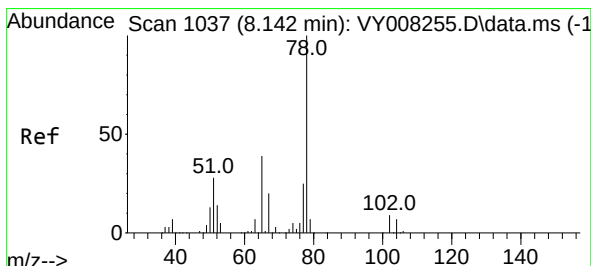
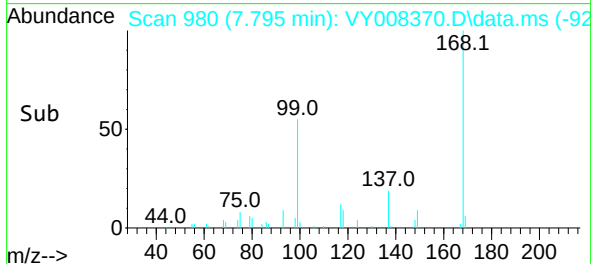
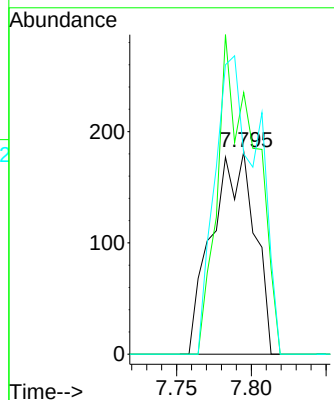
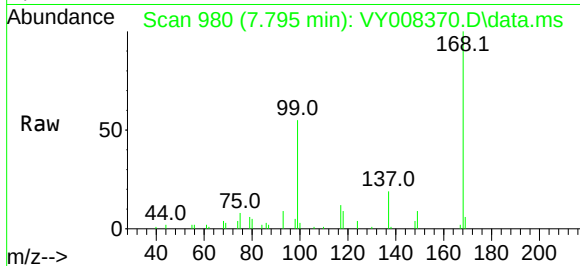




#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

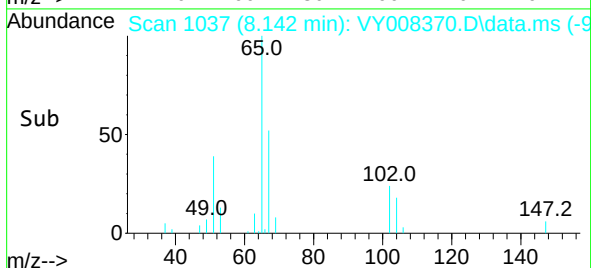
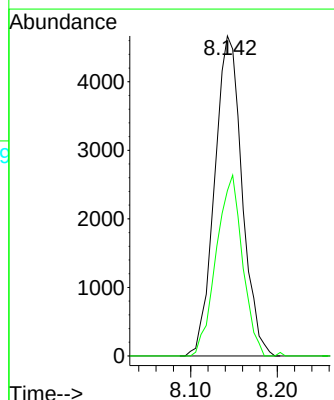
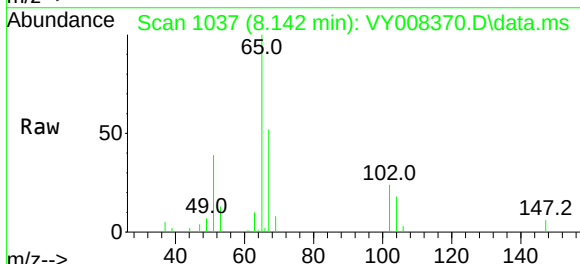
Instrument :
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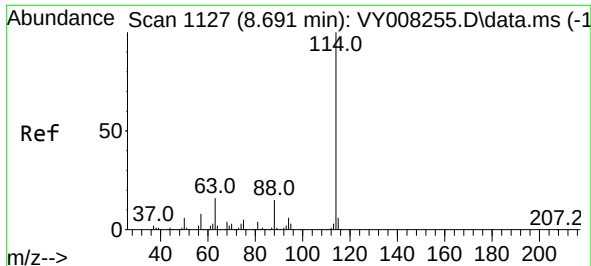
Tgt Ion: 56 Resp: 360
Ion Ratio Lower Upper
56 100
69 129.1 26.7 40.1#
84 98.9 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 61.334 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

Tgt Ion: 65 Resp: 10285
Ion Ratio Lower Upper
65 100
67 54.0 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: VY008370.D

Acq: 18 Apr 2022 13:59

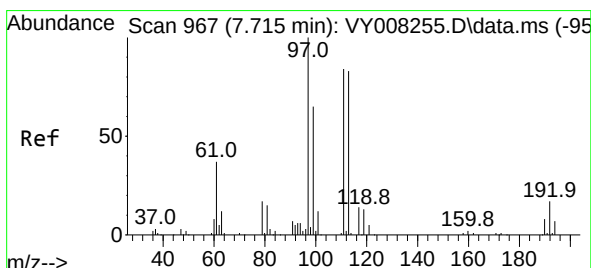
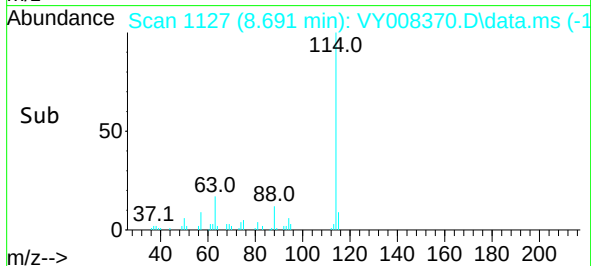
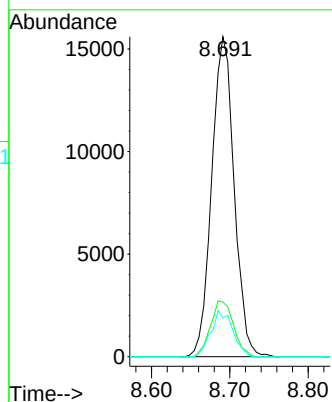
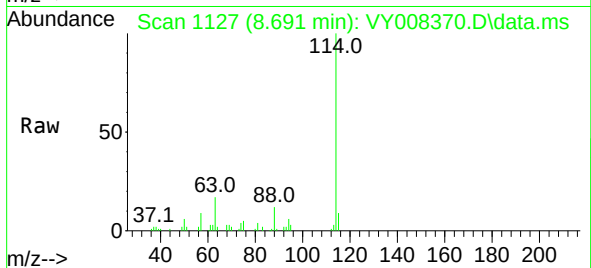
Instrument :

MSVOA_Y

ClientSampleId :

BU-03-041422

Tgt Ion:	114	Resp:	30974
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	43.2
88	12.1	0.0	31.8



#35

Dibromofluoromethane

Concen: 56.305 ug/l

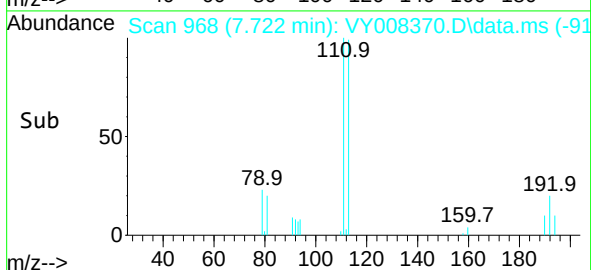
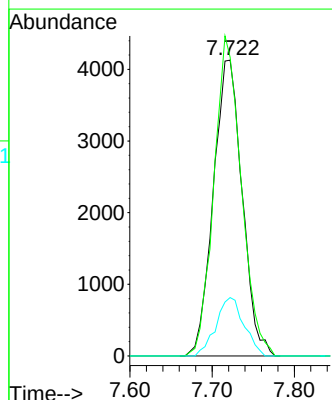
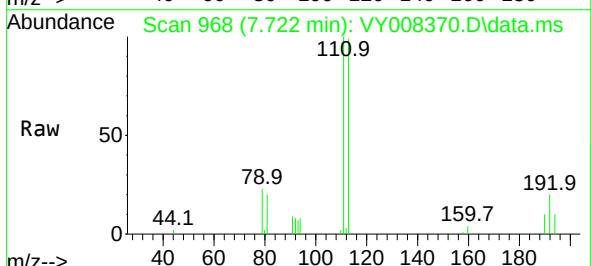
RT: 7.722 min Scan# 968

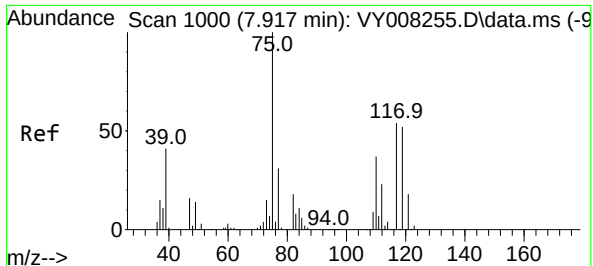
Delta R.T. 0.007 min

Lab File: VY008370.D

Acq: 18 Apr 2022 13:59

Tgt Ion:	113	Resp:	10073
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	19.1	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.953 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY008370.D

Acq: 18 Apr 2022 13:59

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-041422

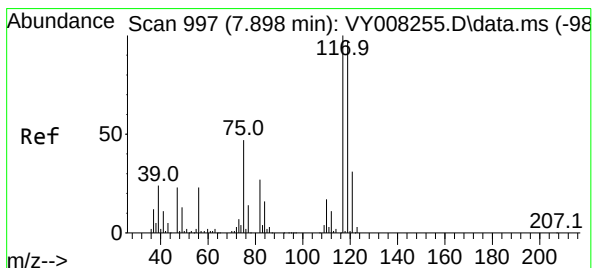
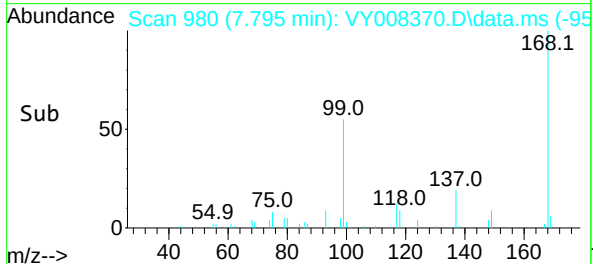
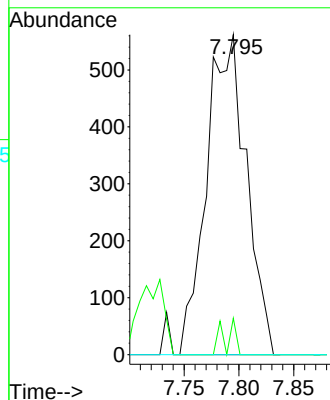
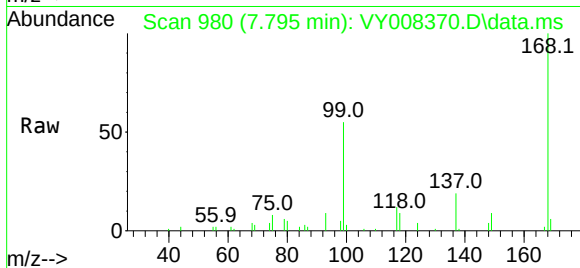
Tgt Ion: 75 Resp: 1415

Ion Ratio Lower Upper

75 100

110 3.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.876 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.103 min

Lab File: VY008370.D

Acq: 18 Apr 2022 13:59

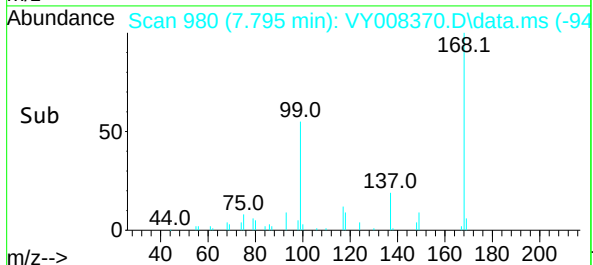
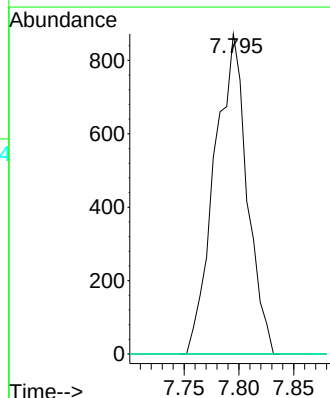
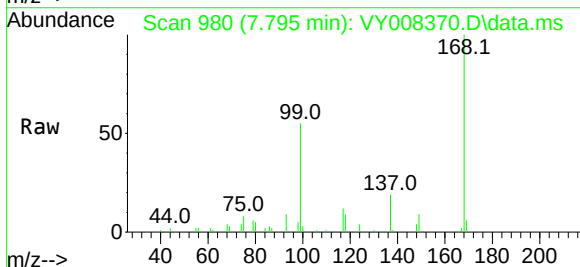
Tgt Ion: 117 Resp: 1806

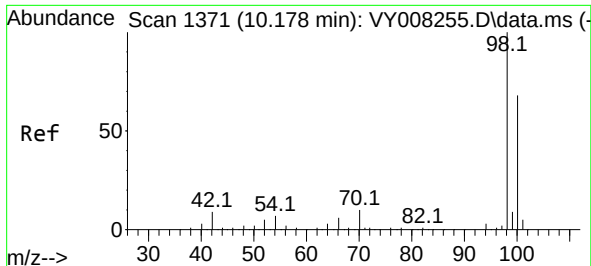
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

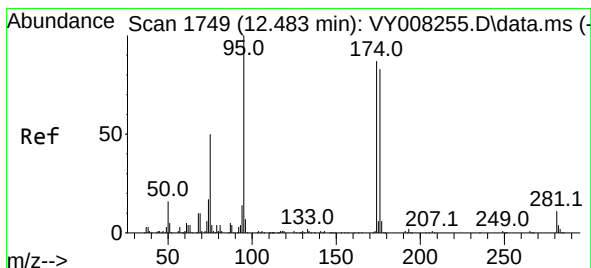
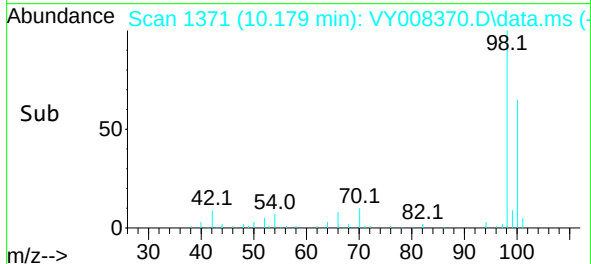
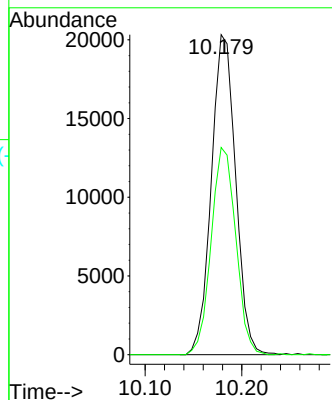
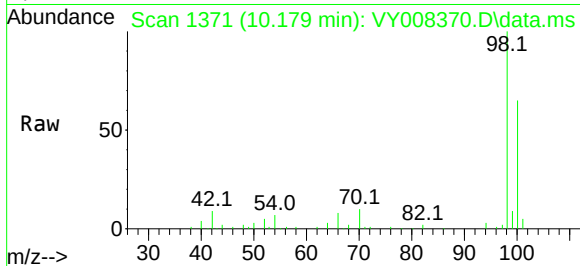




#50
Toluene-d8
Concen: 57.888 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

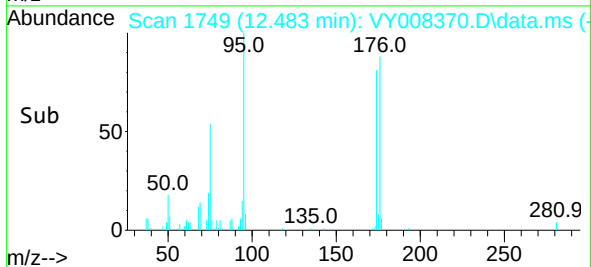
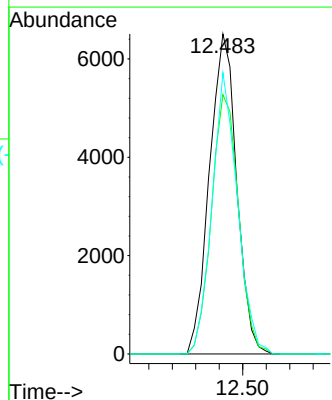
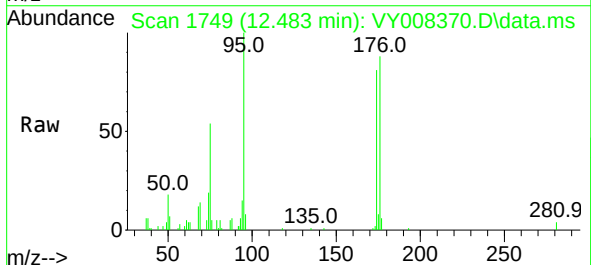
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-041422

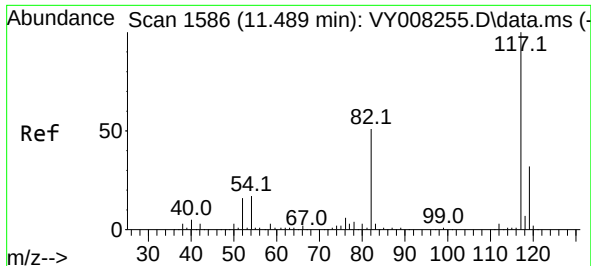
Tgt Ion: 98 Resp: 35437
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.464 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

Tgt Ion: 95 Resp: 10468
Ion Ratio Lower Upper
95 100
174 80.6 0.0 177.0
176 82.0 0.0 175.8

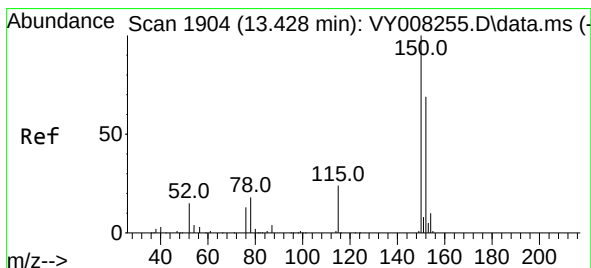
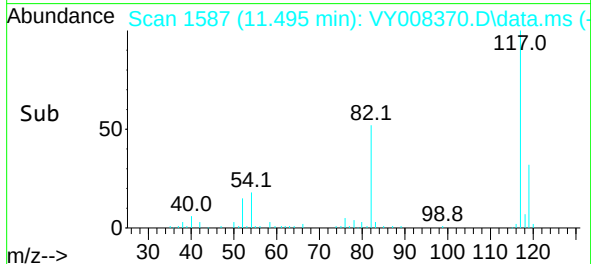
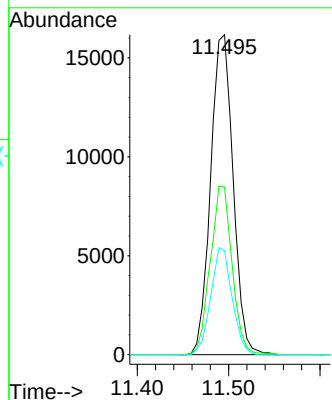
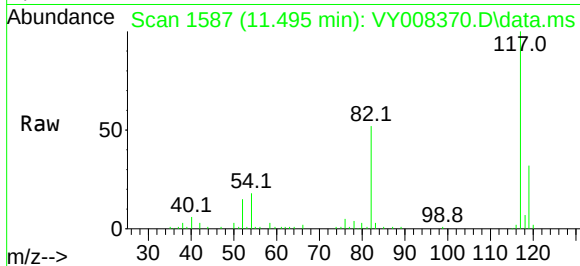




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

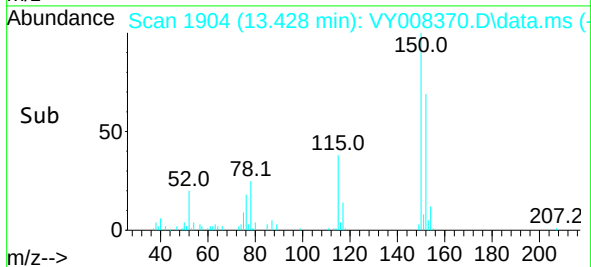
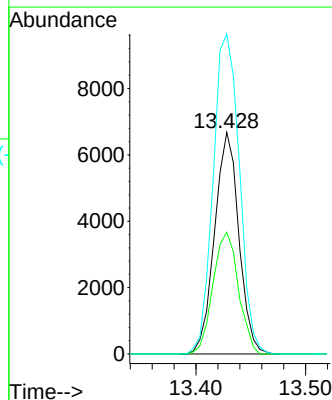
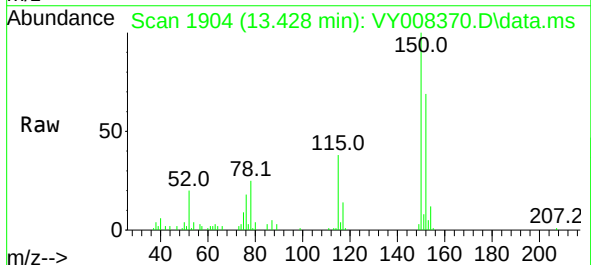
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-041422

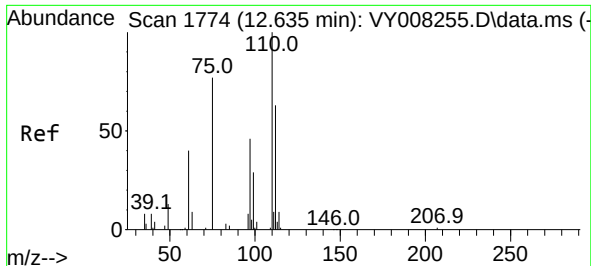
Tgt Ion:117 Resp: 27623
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

Tgt Ion:152 Resp: 10272
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 155.9 0.0 347.6

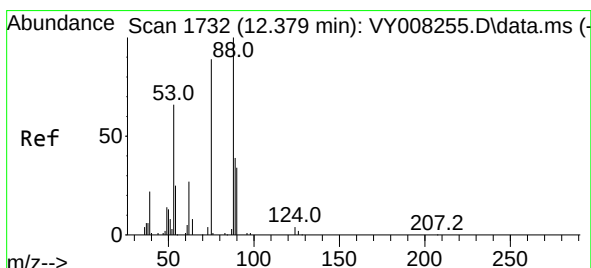
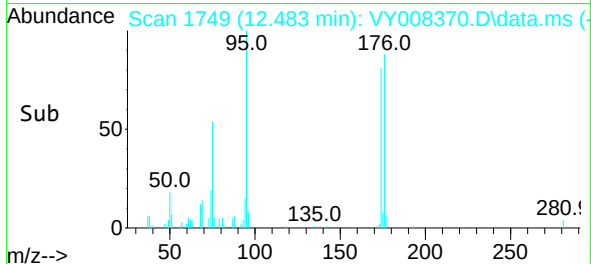
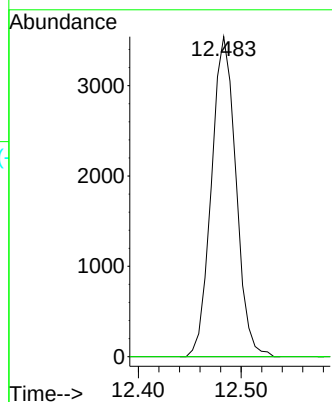
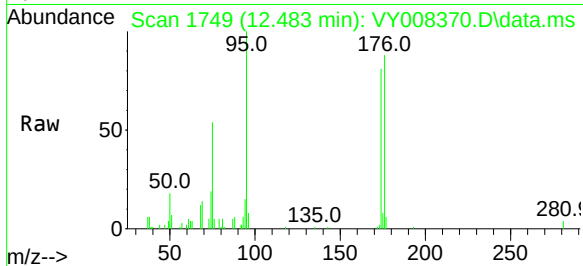




#76
1,2,3-Trichloropropane
Concen: 51.670 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-041422

Tgt Ion: 75 Resp: 5870
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 115.610 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008370.D
Acq: 18 Apr 2022 13:59

Tgt Ion: 75 Resp: 5870
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

