

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
 Data File : VY008401.D
 Acq On : 19 Apr 2022 17:17
 Operator : KP/MD
 Sample : N2429-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-041422

Quant Time: Apr 20 06:30:26 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)

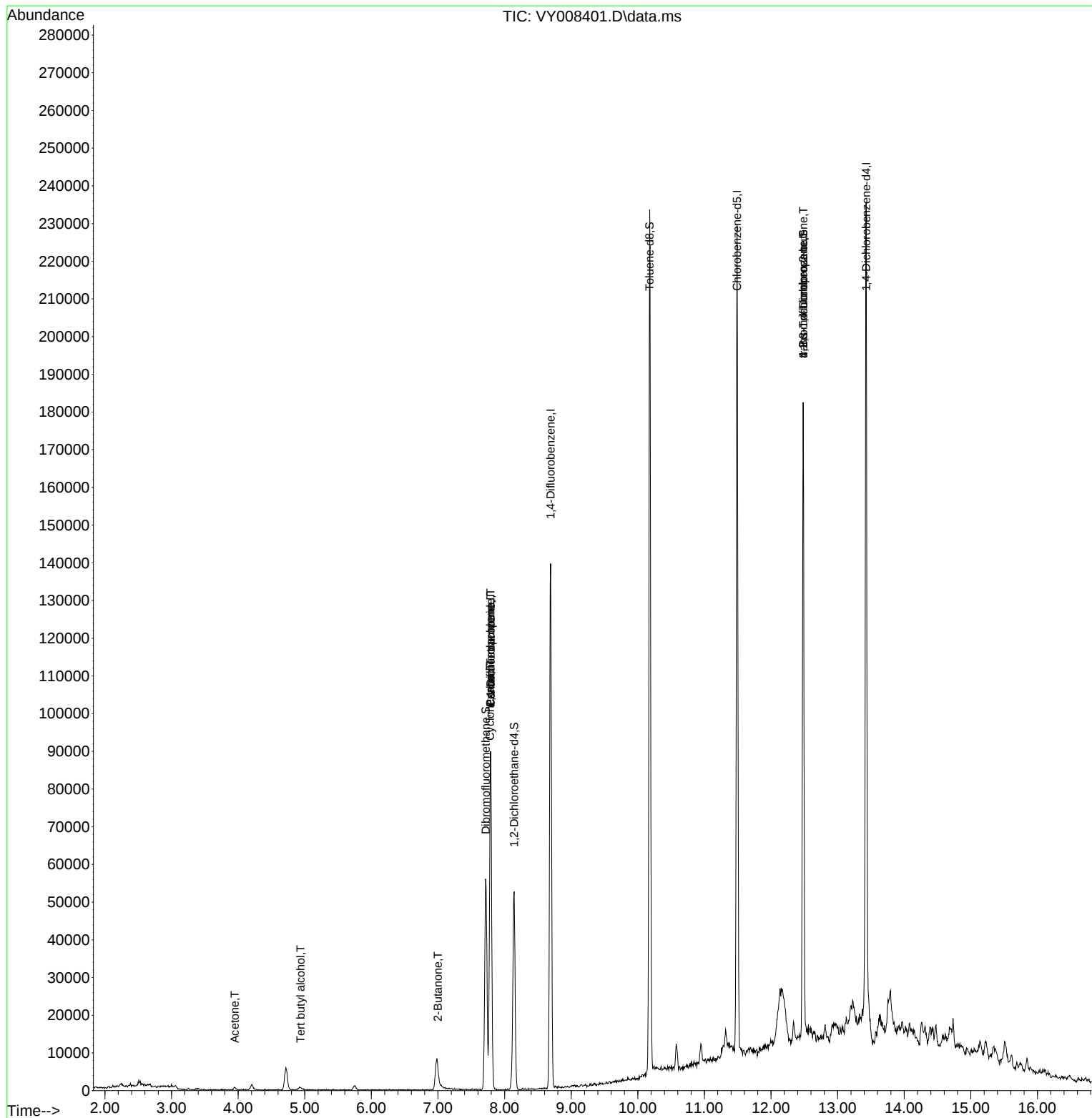
Internal Standards						
1) Pentafluorobenzene	7.789	168	70336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	126690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	119680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	38938	58.936	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.880%			
35) Dibromofluoromethane	7.716	113	40268	55.030	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.060%			
50) Toluene-d8	10.179	98	151938	60.681	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 121.360%			
62) 4-Bromofluorobenzene	12.483	95	50100	53.198	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.400%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	88	Below Cal	#	44
5) Bromomethane	2.668	94	219	Below Cal	#	76
11) Tert butyl alcohol	4.936	59	1010	14.299	ug/l #	77
16) Acetone	3.948	43	1266	7.967	ug/l #	76
18) Methyl Acetate	4.497	43	177	Below Cal	#	56
20) Methylene Chloride	4.716	84	4973	Below Cal	#	78
25) 2-Butanone	6.996	43	495	1.992	ug/l #	54
31) Cyclohexane	7.783	56	1351	1.131	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5533	4.735	ug/l #	51
38) Carbon Tetrachloride	7.789	117	7050	5.608	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	26226	47.225	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26226	105.664	ug/l #	8

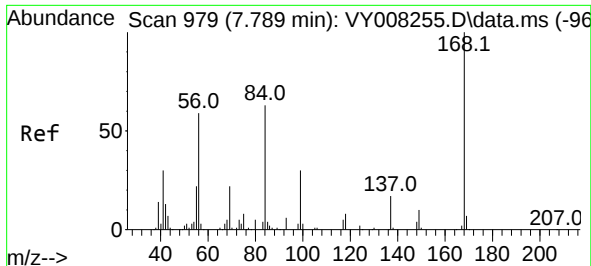
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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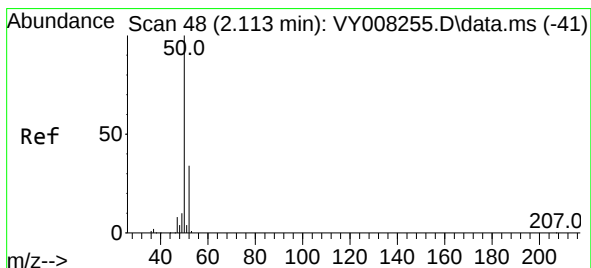
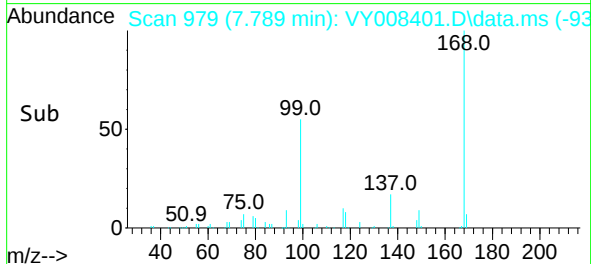
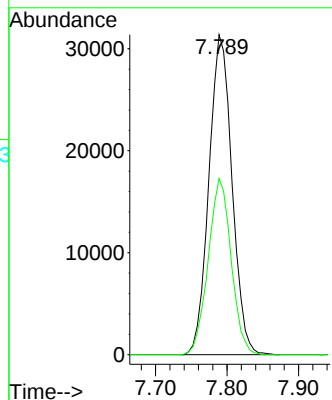
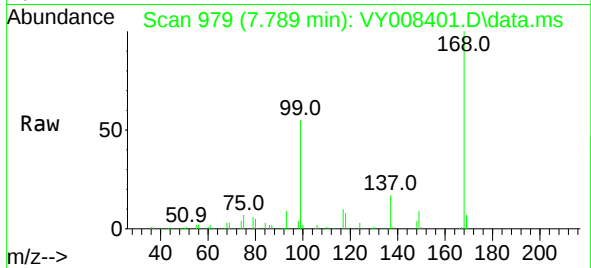




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008401.D
Acq: 19 Apr 2022 17:17

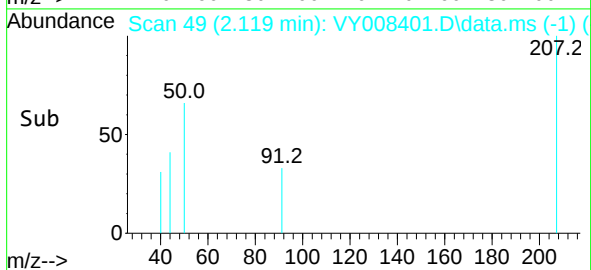
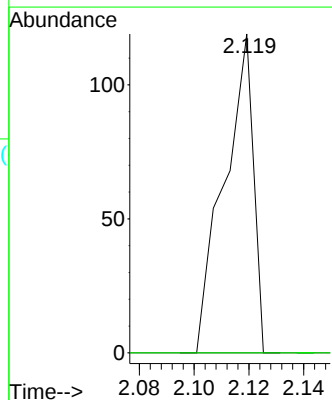
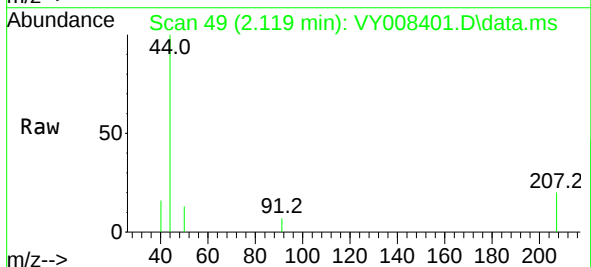
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-041422

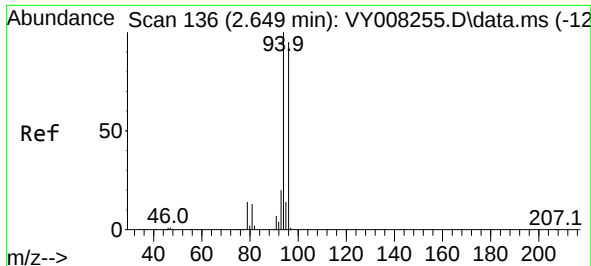
Tgt Ion:168 Resp: 70336
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008401.D
Acq: 19 Apr 2022 17:17

Tgt Ion: 50 Resp: 88
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

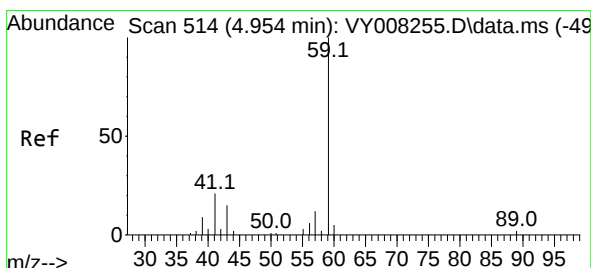
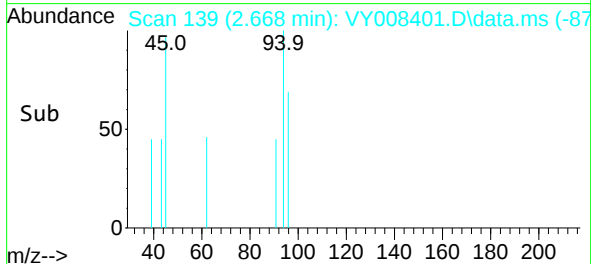
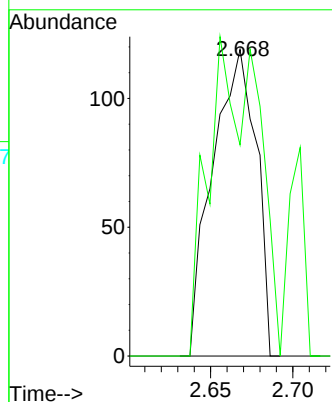
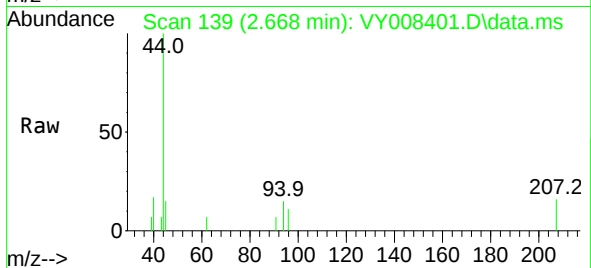




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008401.D
Acq: 19 Apr 2022 17:17

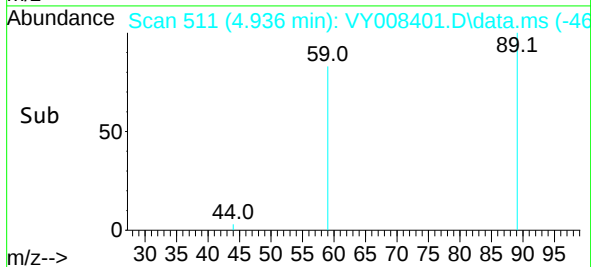
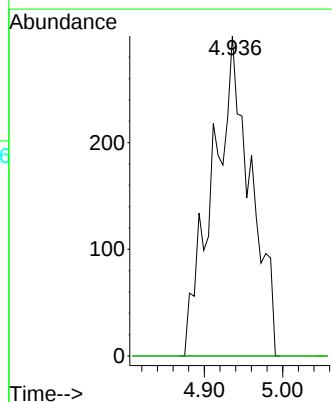
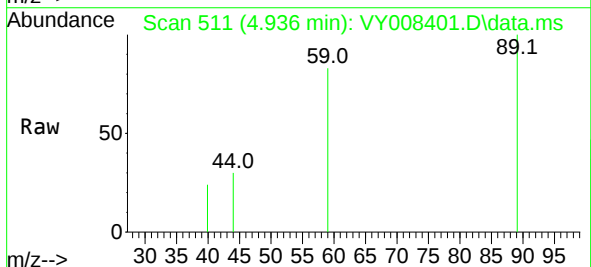
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-041422

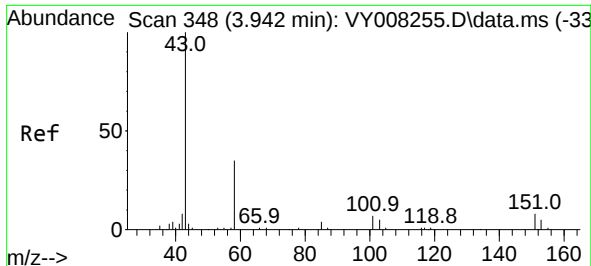
Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 68.9 73.5 110.3#



#11
Tert butyl alcohol
Concen: 14.299 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY008401.D
Acq: 19 Apr 2022 17:17

Tgt Ion: 59 Resp: 1010
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

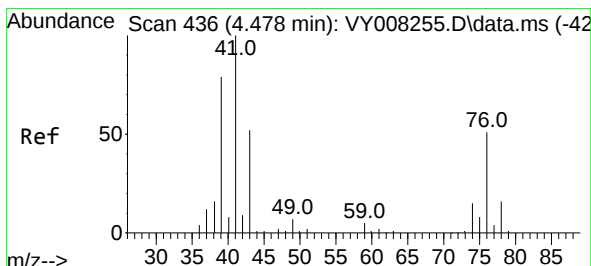
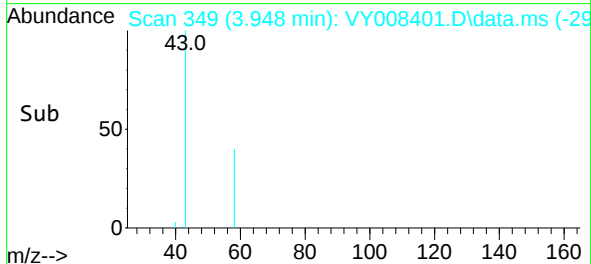
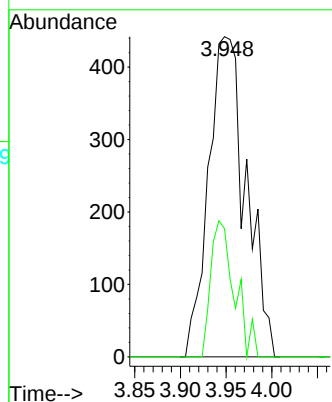
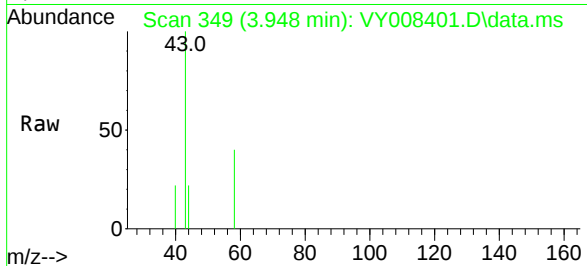




#16
Acetone
Concen: 7.967 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008401.D
Acq: 19 Apr 2022 17:17

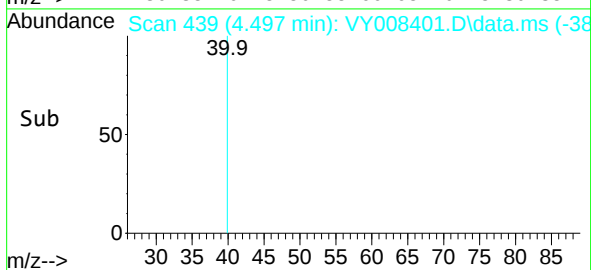
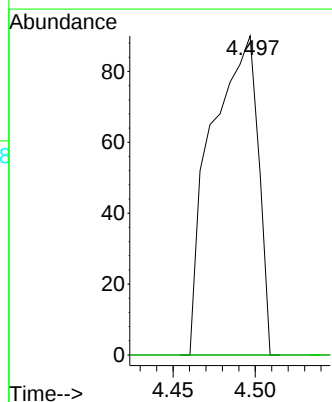
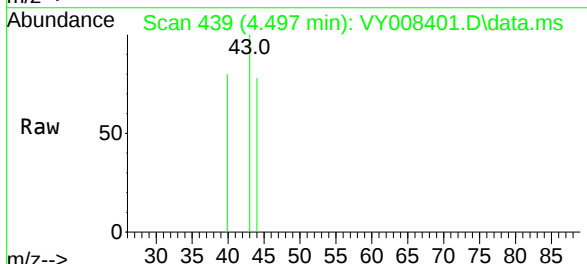
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-041422

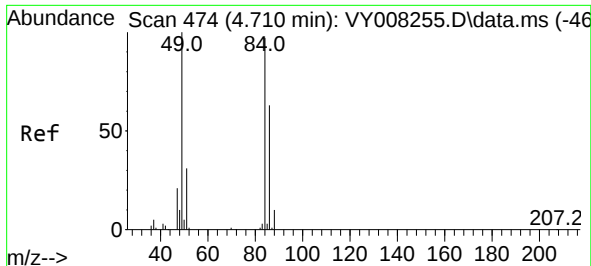
Tgt Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
58 40.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.497 min Scan# 439
Delta R.T. 0.019 min
Lab File: VY008401.D
Acq: 19 Apr 2022 17:17

Tgt Ion: 43 Resp: 177
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: VY008401.D

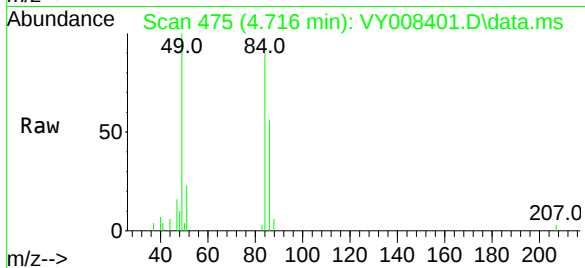
Acq: 19 Apr 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-041422



Tgt Ion: 84 Resp: 4973

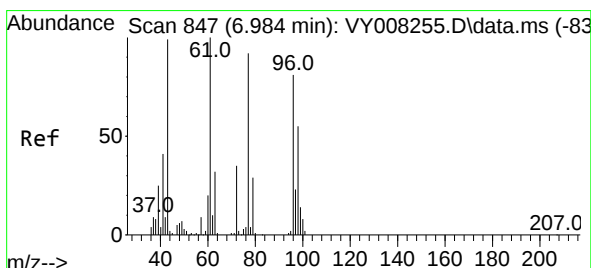
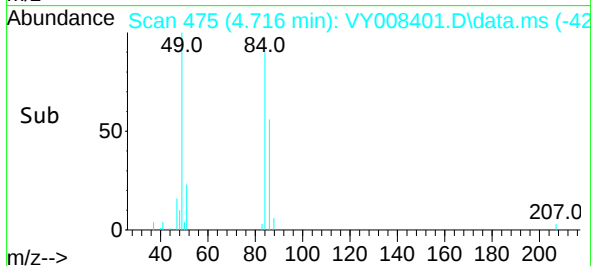
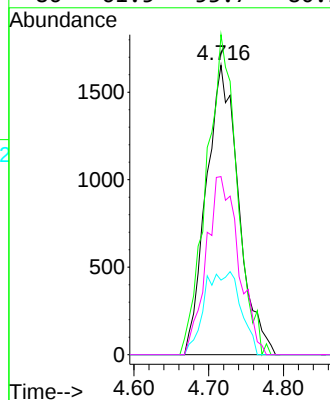
Ion Ratio Lower Upper

84 100

49 110.6 114.4 171.6#

51 25.8 35.3 52.9#

86 61.5 53.7 80.5



#25

2-Butanone

Concen: 1.992 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY008401.D

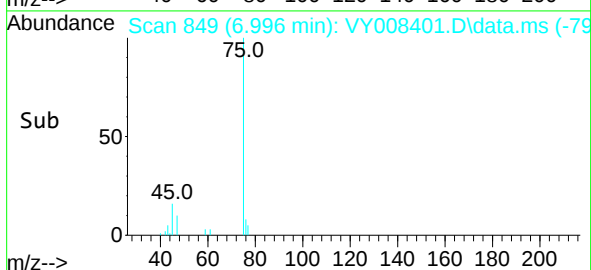
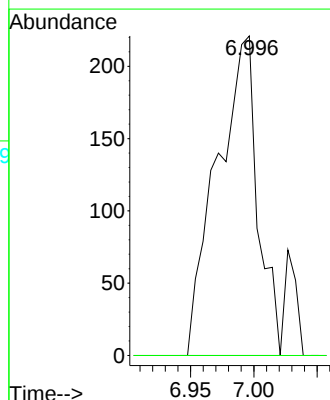
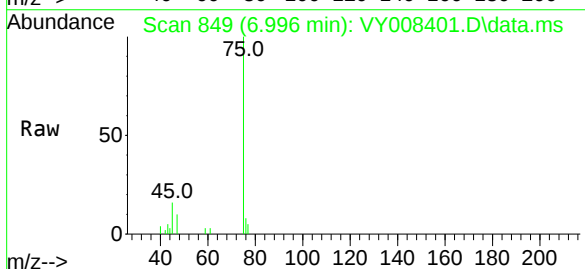
Acq: 19 Apr 2022 17:17

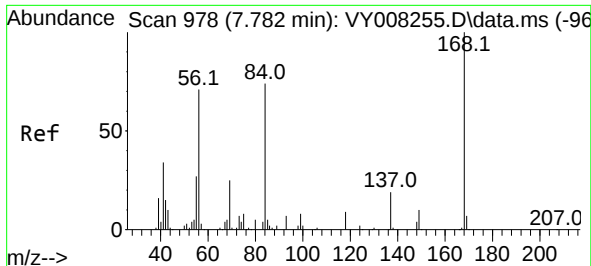
Tgt Ion: 43 Resp: 495

Ion Ratio Lower Upper

43 100

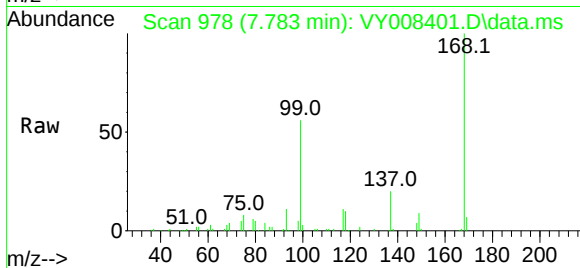
72 0.0 17.7 26.5#



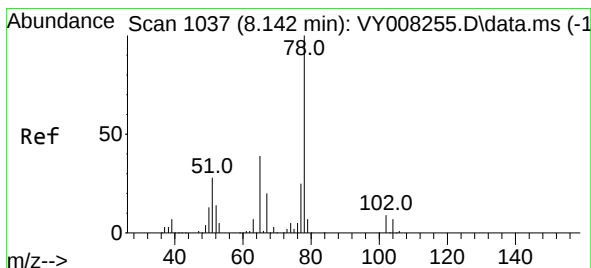
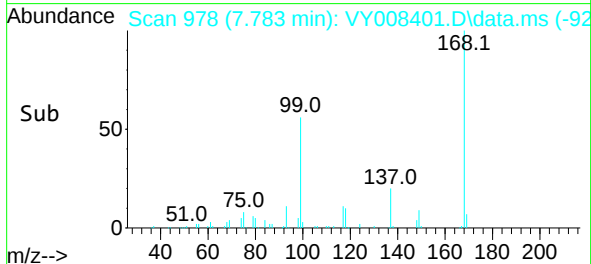
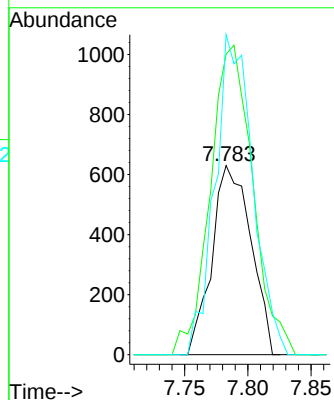


#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008401.D
Acq: 19 Apr 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-041422

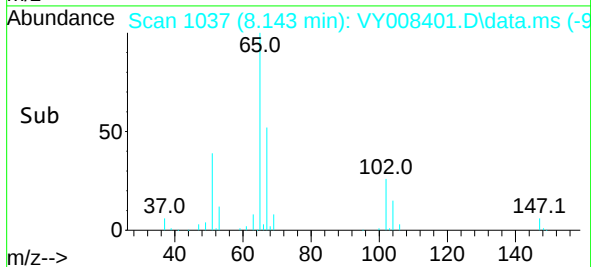
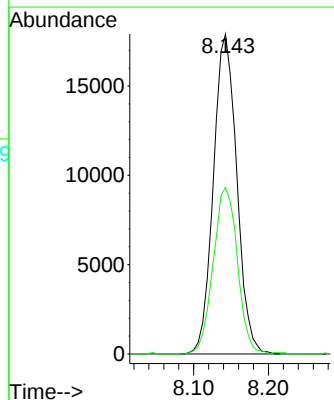
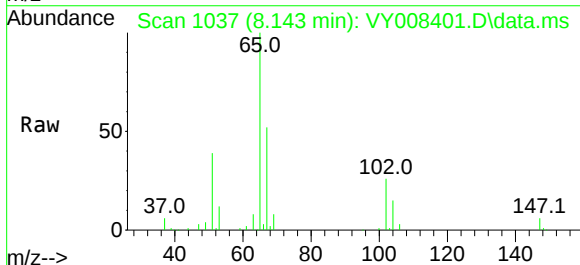


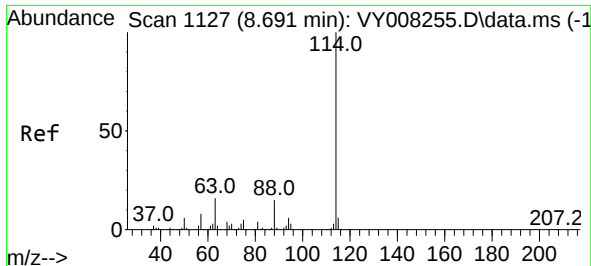
Tgt Ion: 56 Resp: 1351
Ion Ratio Lower Upper
56 100
69 146.2 26.7 40.1#
84 169.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.936 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008401.D
Acq: 19 Apr 2022 17:17

Tgt Ion: 65 Resp: 38938
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: VY008401.D

Acq: 19 Apr 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-041422

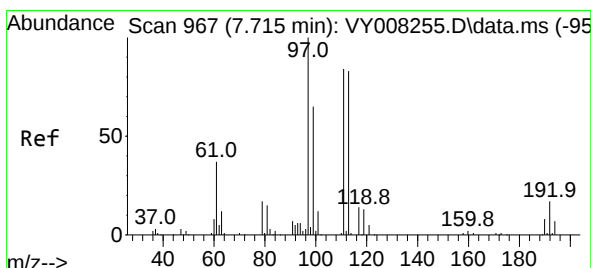
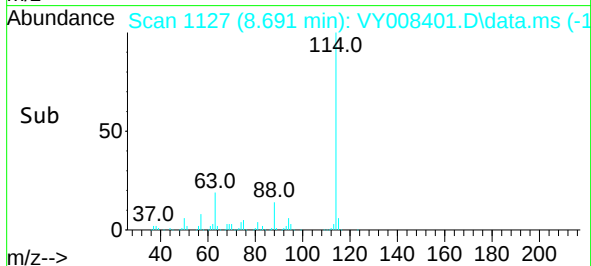
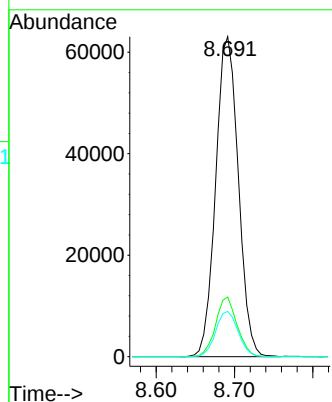
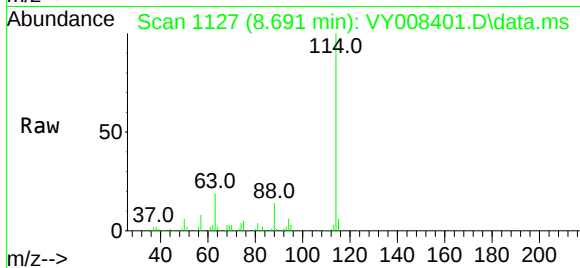
Tgt Ion:114 Resp: 126690

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.030 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008401.D

Acq: 19 Apr 2022 17:17

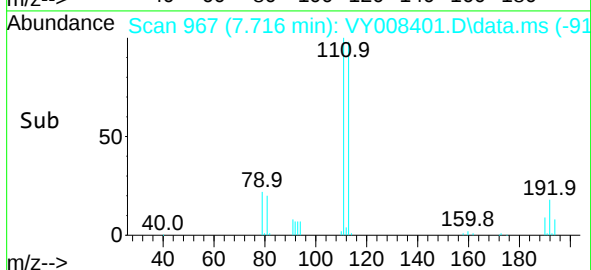
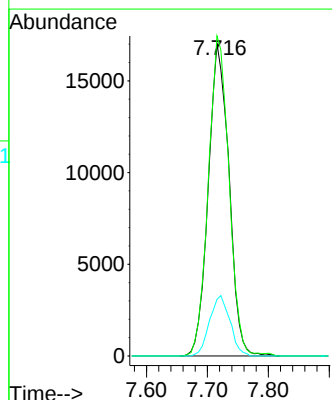
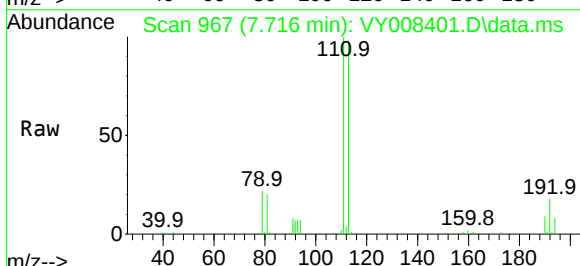
Tgt Ion:113 Resp: 40268

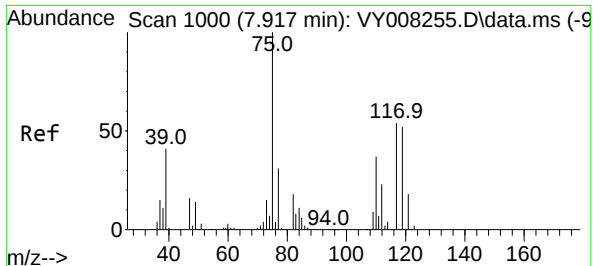
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 19.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.735 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008401.D

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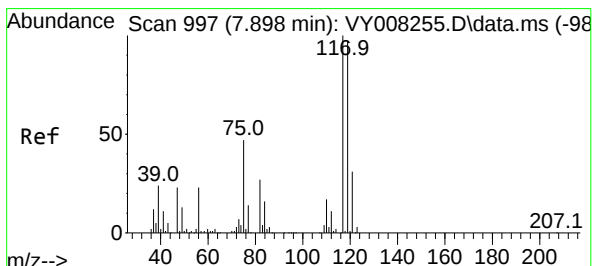
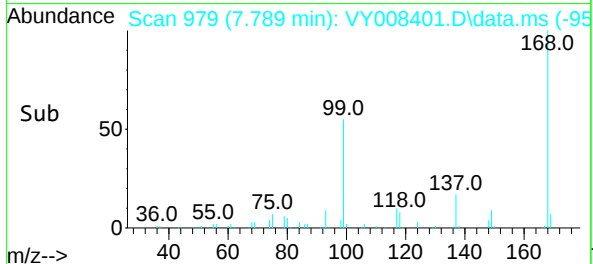
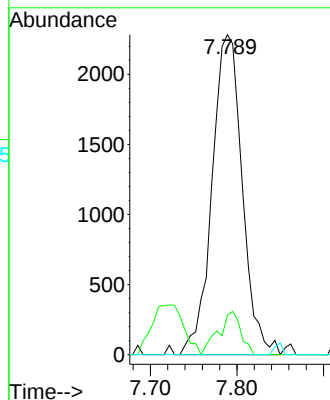
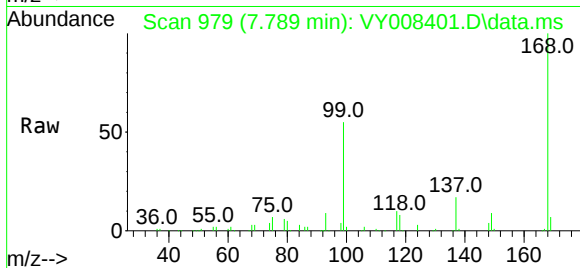
Tgt Ion: 75 Resp: 5533

Ion Ratio Lower Upper

75 100

110 10.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.608 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008401.D

Acq: 19 Apr 2022 17:17

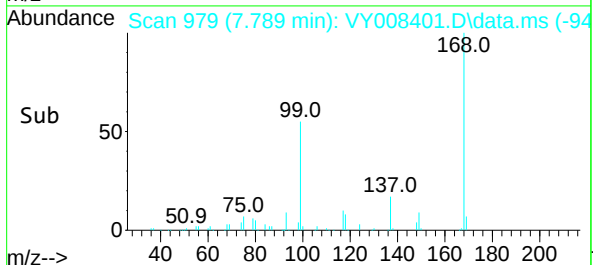
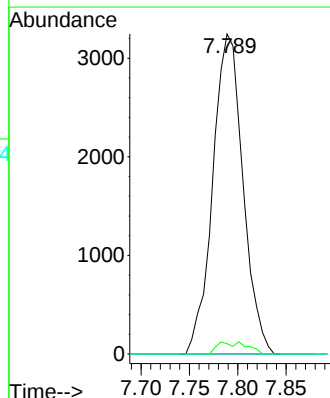
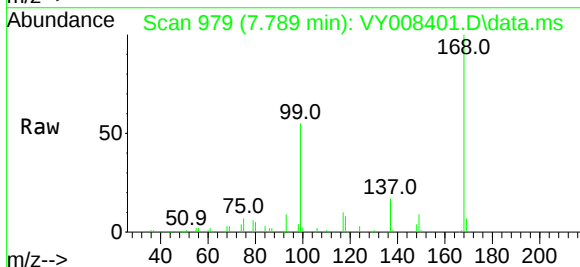
Tgt Ion: 117 Resp: 7050

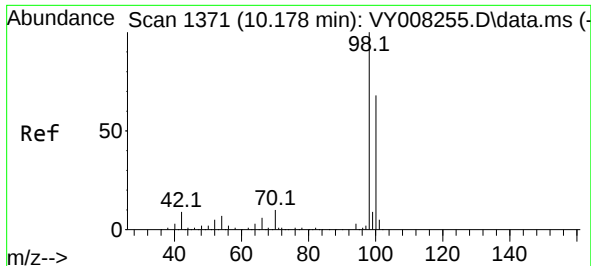
Ion Ratio Lower Upper

117 100

119 3.2 77.9 116.9#

121 0.0 24.8 37.2#

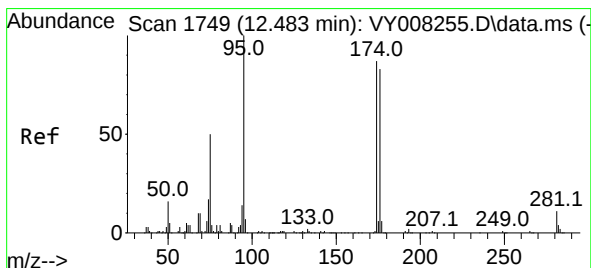
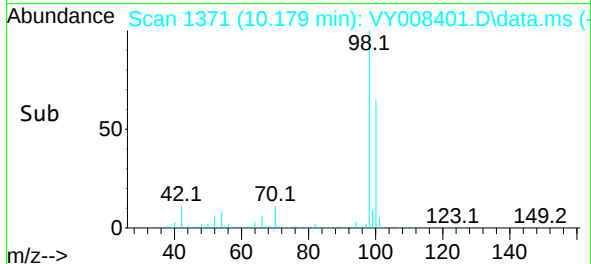
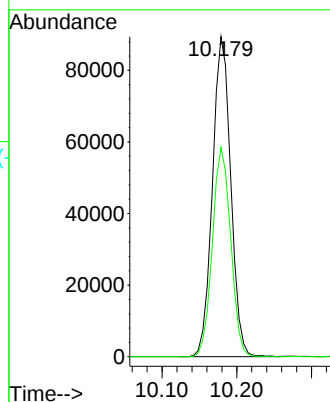
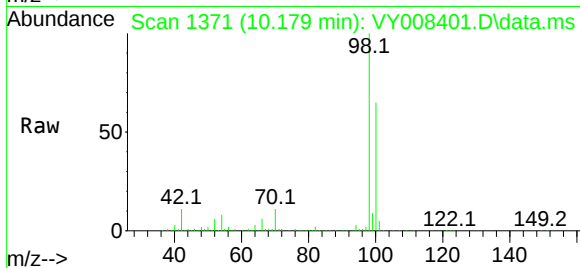




#50
Toluene-d8
Concen: 60.681 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008401.D
Acq: 19 Apr 2022 17:17

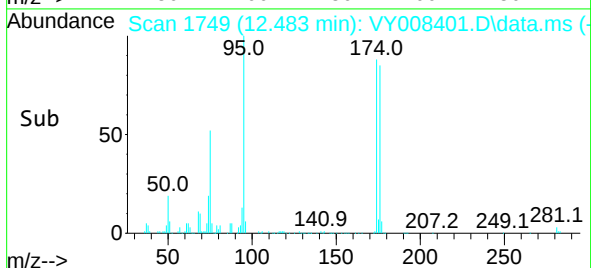
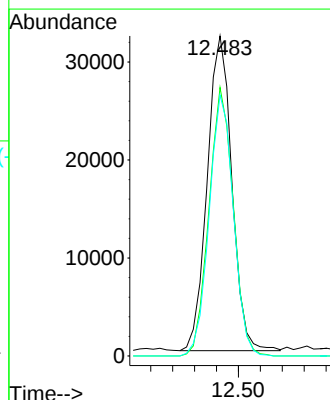
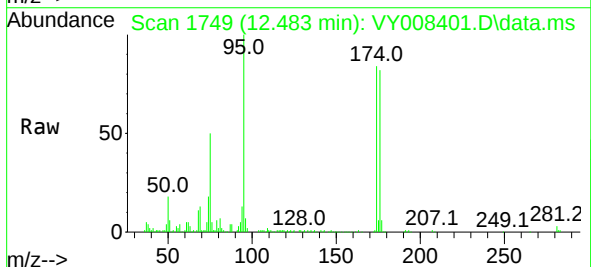
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-041422

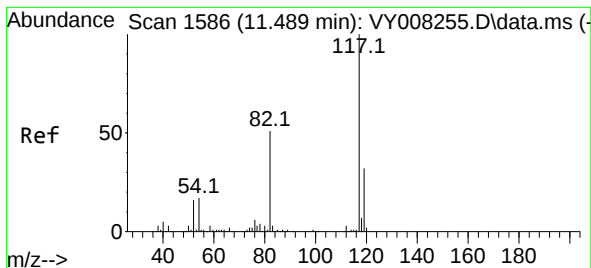
Tgt Ion: 98 Resp: 151938
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.198 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008401.D
Acq: 19 Apr 2022 17:17

Tgt Ion: 95 Resp: 50100
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 81.5 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: VY008401.D

Acq: 19 Apr 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-041422

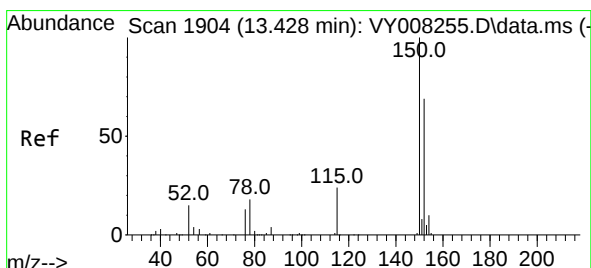
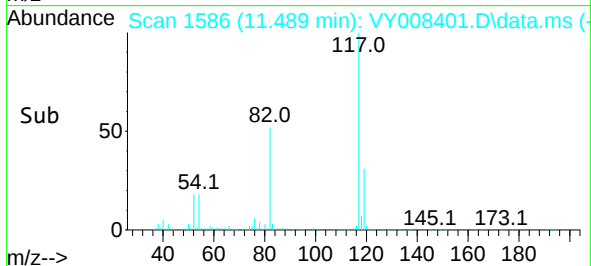
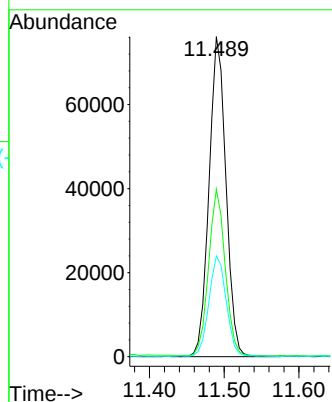
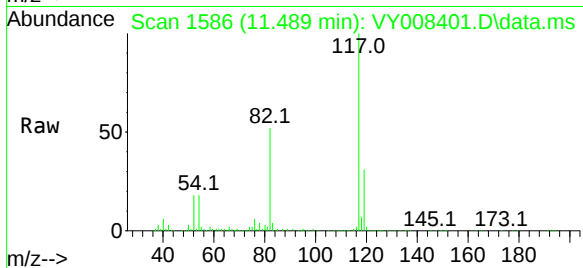
Tgt Ion:117 Resp: 119680

Ion Ratio Lower Upper

117 100

82 52.0 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: VY008401.D

Acq: 19 Apr 2022 17:17

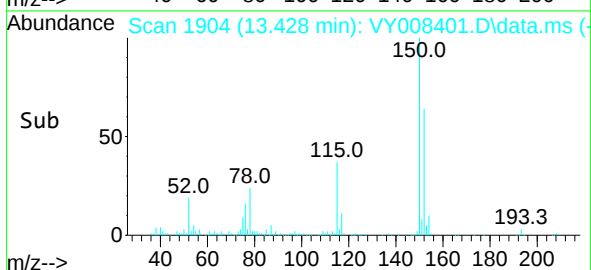
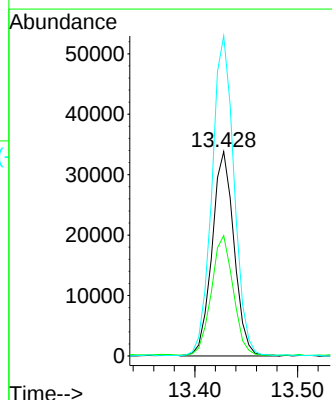
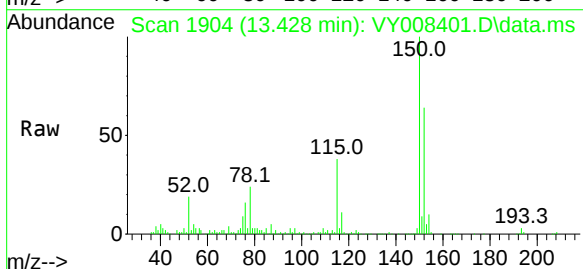
Tgt Ion:152 Resp: 50213

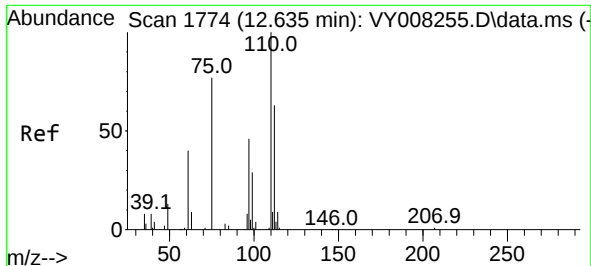
Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 157.0 0.0 347.6

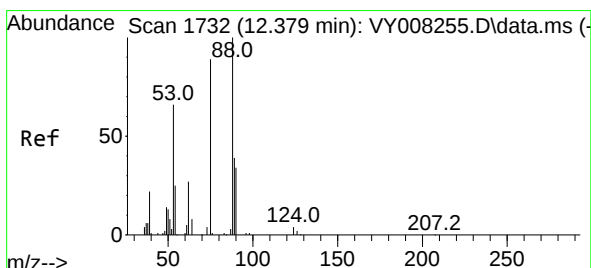
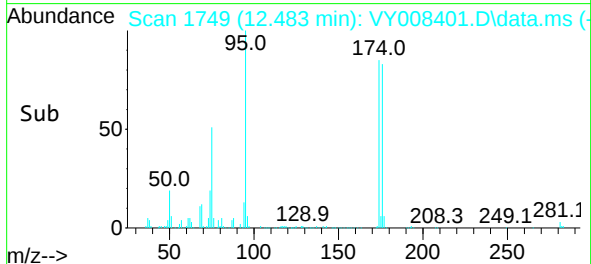
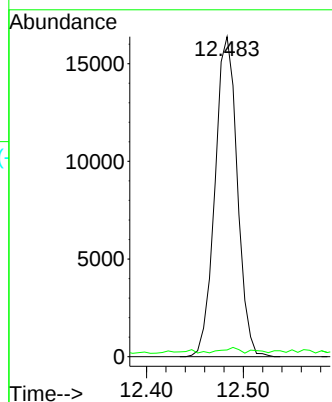
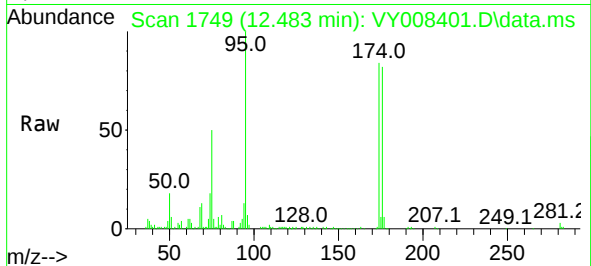




#76
1,2,3-Trichloropropane
Concen: 47.225 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008401.D
Acq: 19 Apr 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-041422

Tgt Ion: 75 Resp: 26226
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.664 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008401.D
Acq: 19 Apr 2022 17:17

Tgt Ion: 75 Resp: 26226
Ion Ratio Lower Upper
75 100
53 0.8 85.3 127.9#
89 0.0 37.0 55.4#

