

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008303.D
 Acq On : 13 Apr 2022 10:47
 Operator : KP/MD
 Sample : VY0413SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBL01

Quant Time: Apr 14 05:54:34 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)

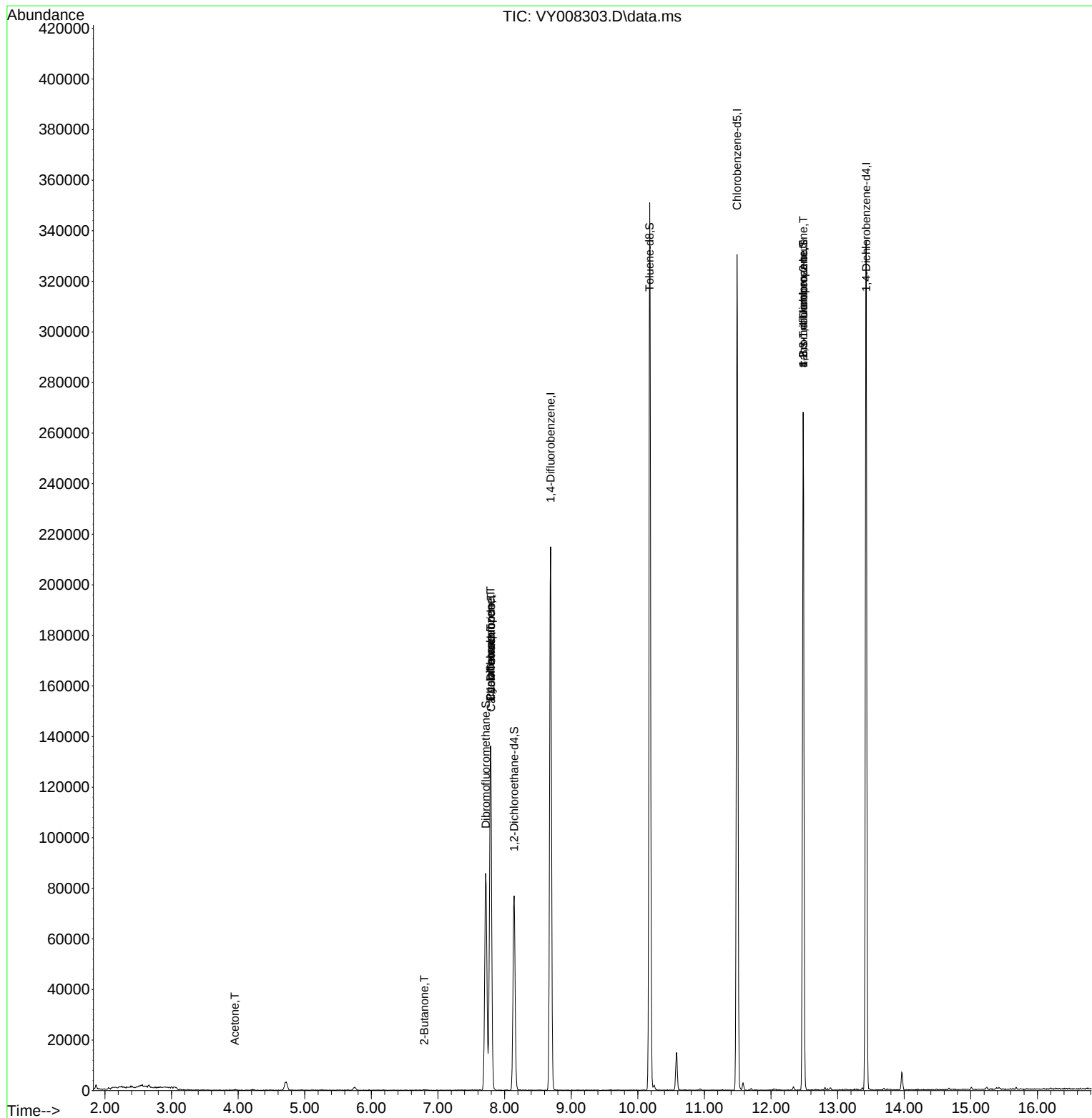
Internal Standards						
1) Pentafluorobenzene	7.789	168	107229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	185887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59686	59.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.520%	
35) Dibromofluoromethane	7.716	113	60686	54.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.420%	
50) Toluene-d8	10.179	98	236922	61.855	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.700%	
62) 4-Bromofluorobenzene	12.483	95	80477	55.861	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.720%	
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	281	Below Cal	#	44
5) Bromomethane	2.662	94	281	Below Cal	#	78
16) Acetone	3.948	43	500	2.064	ug/l #	17
18) Methyl Acetate	4.485	43	221	Below Cal	#	56
20) Methylene Chloride	4.722	84	2856	Below Cal	#	71
25) 2-Butanone	6.795	43	431	1.138	ug/l #	54
31) Cyclohexane	7.789	56	2028	1.113	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8432	4.717	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10797	5.615	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	41481	45.309	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41481	101.378	ug/l #	7

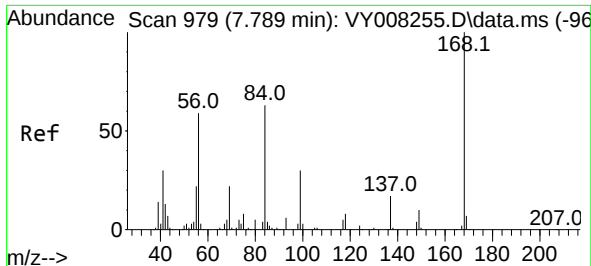
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
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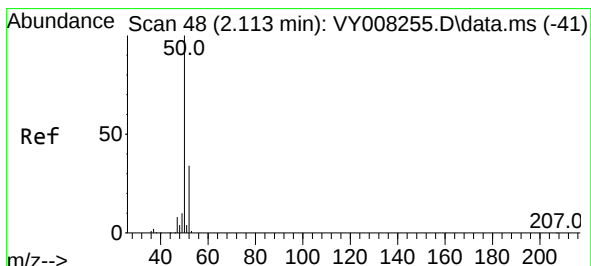
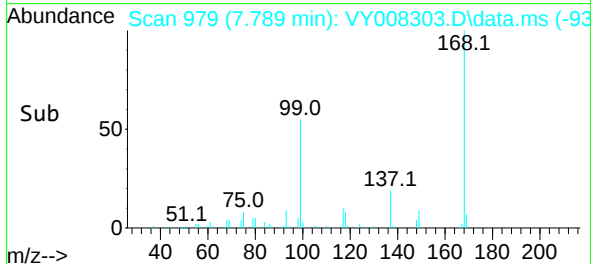
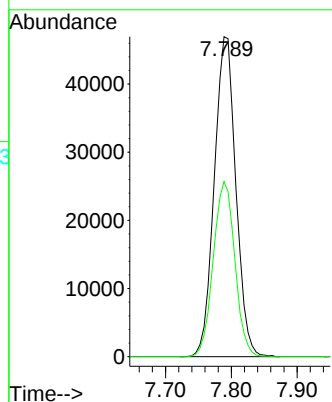
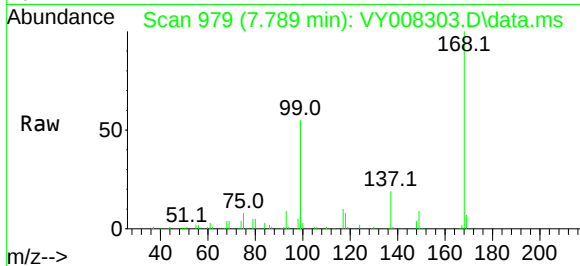




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008303.D
Acq: 13 Apr 2022 10:47

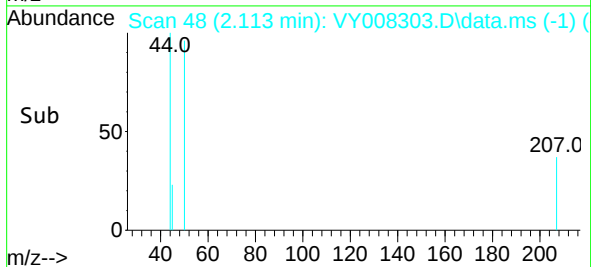
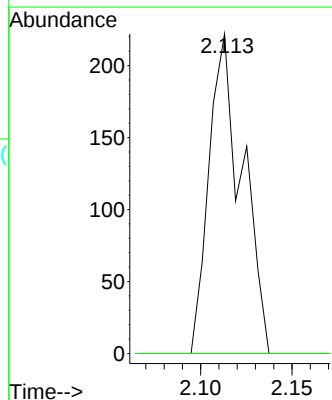
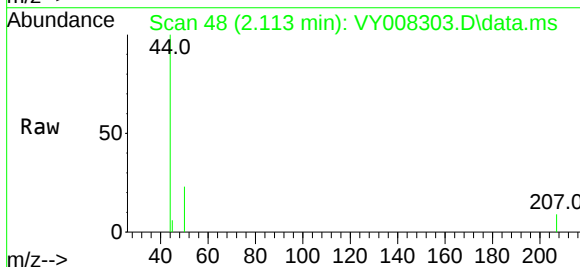
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBL01

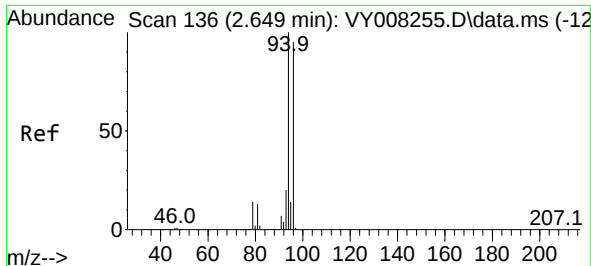
Tgt Ion:168 Resp: 107229
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008303.D
Acq: 13 Apr 2022 10:47

Tgt Ion: 50 Resp: 281
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

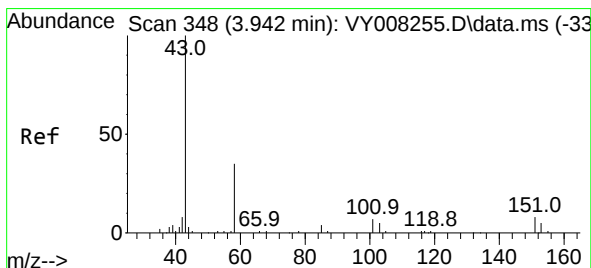
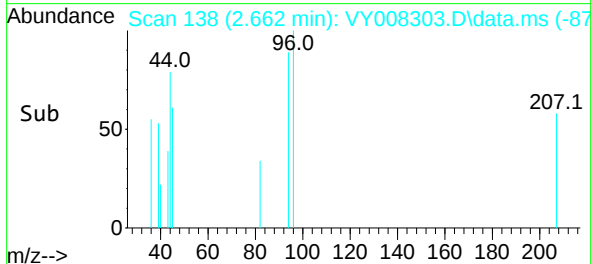
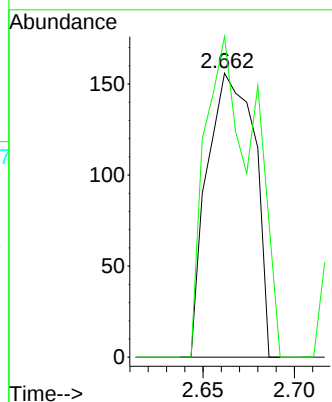
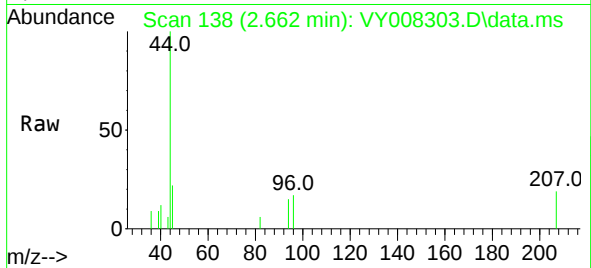




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008303.D
Acq: 13 Apr 2022 10:47

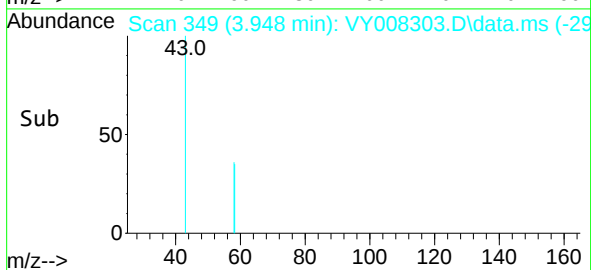
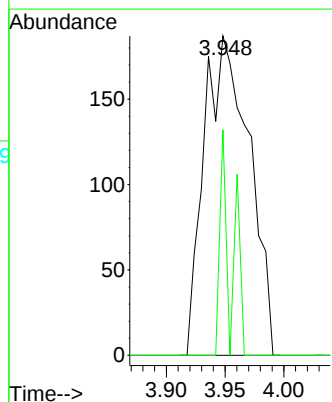
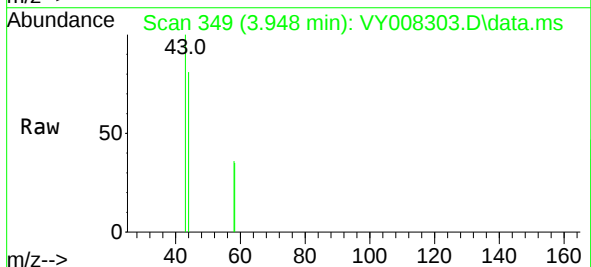
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBL01

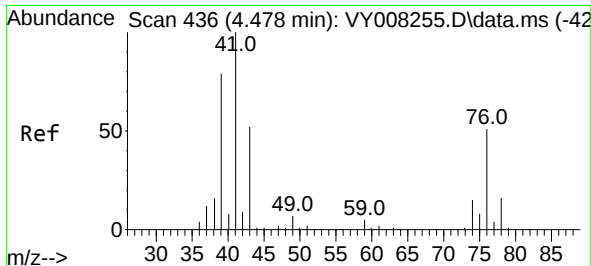
Tgt Ion: 94 Resp: 281
Ion Ratio Lower Upper
94 100
96 112.8 73.5 110.3#



#16
Acetone
Concen: 2.064 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008303.D
Acq: 13 Apr 2022 10:47

Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
58 70.6 22.0 33.0#

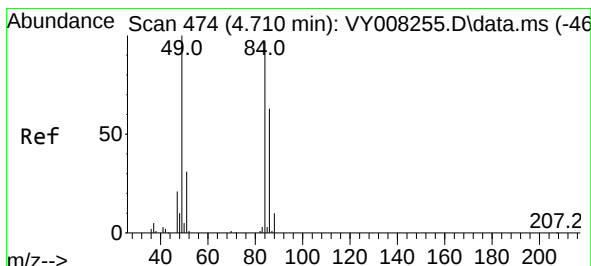
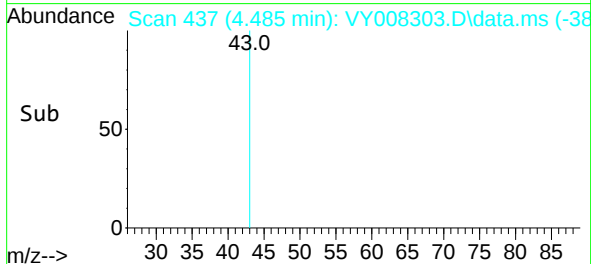
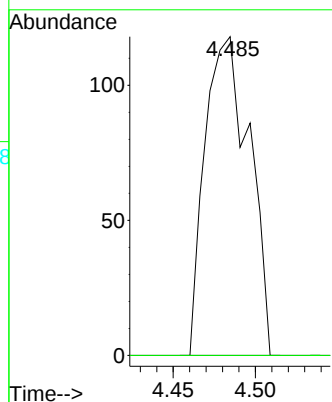
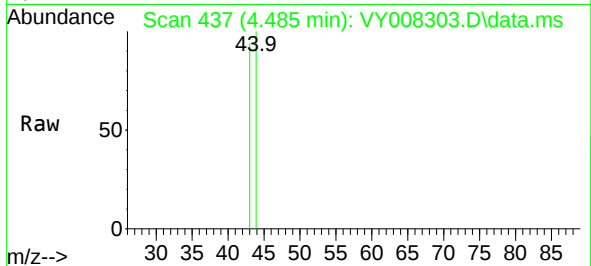




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY008303.D
Acq: 13 Apr 2022 10:47

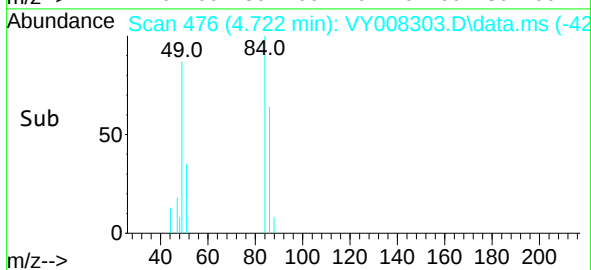
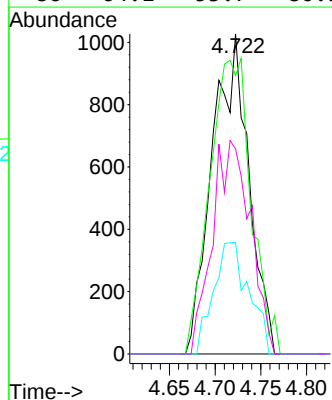
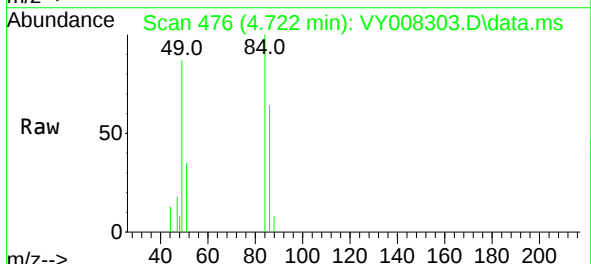
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBL01

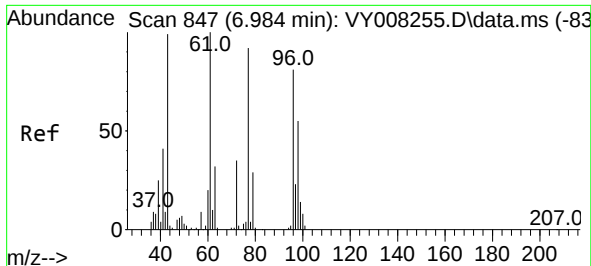
Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008303.D
Acq: 13 Apr 2022 10:47

Tgt Ion: 84 Resp: 2856
Ion Ratio Lower Upper
84 100
49 87.0 114.4 171.6#
51 34.9 35.3 52.9#
86 64.1 53.7 80.5





#25

2-Butanone

Concen: 1.138 ug/l

RT: 6.795 min Scan# 816

Delta R.T. -0.189 min

Lab File: VY008303.D

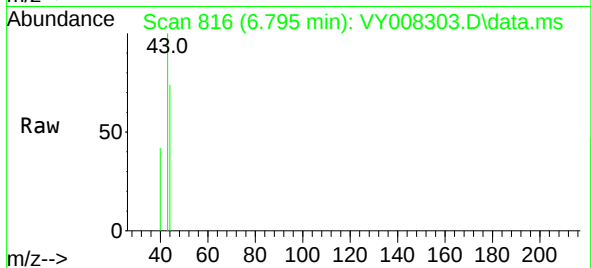
Acq: 13 Apr 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBL01

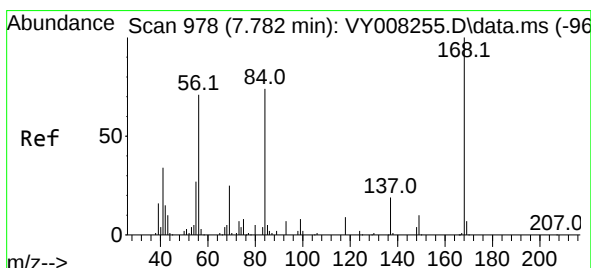
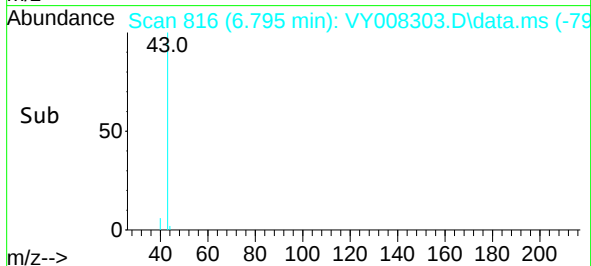
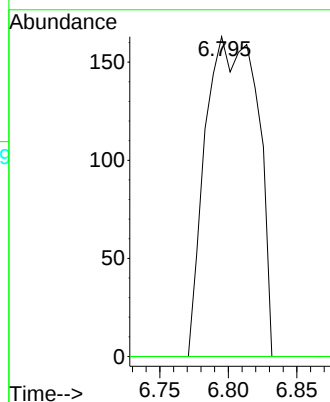


Tgt Ion: 43 Resp: 431

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.113 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.007 min

Lab File: VY008303.D

Acq: 13 Apr 2022 10:47

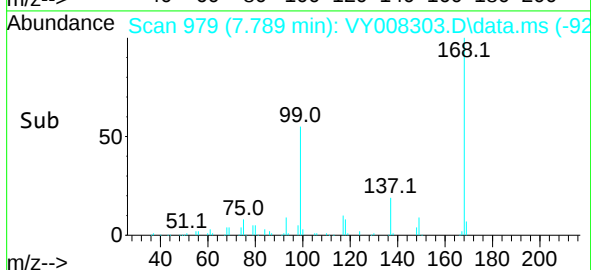
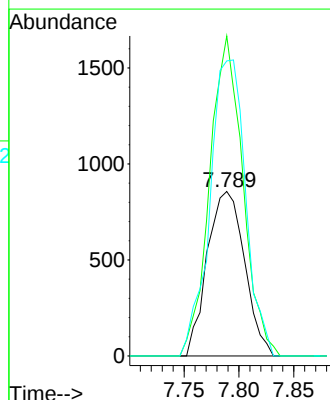
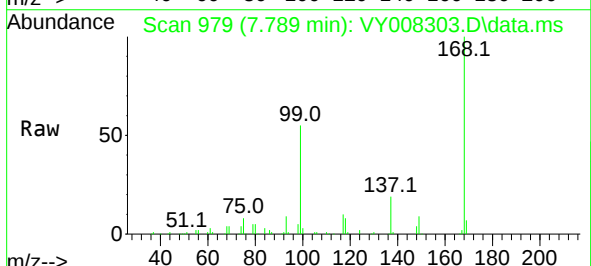
Tgt Ion: 56 Resp: 2028

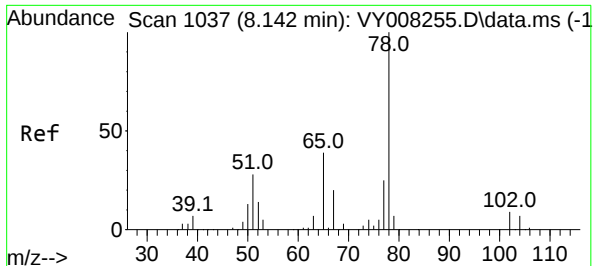
Ion Ratio Lower Upper

56 100

69 194.5 26.7 40.1#

84 179.3 67.2 100.8#

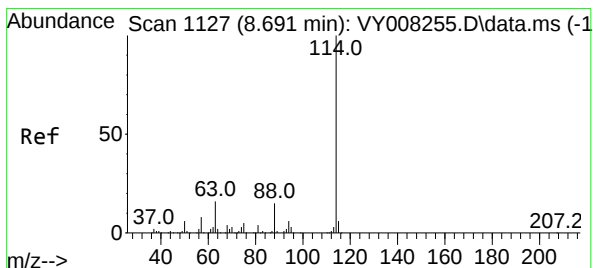
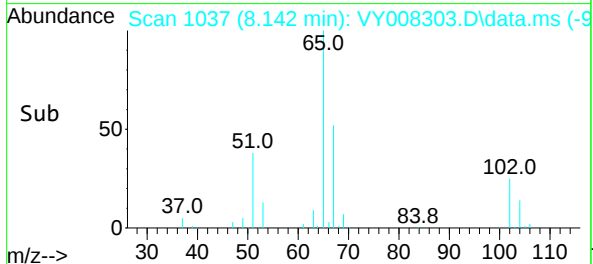
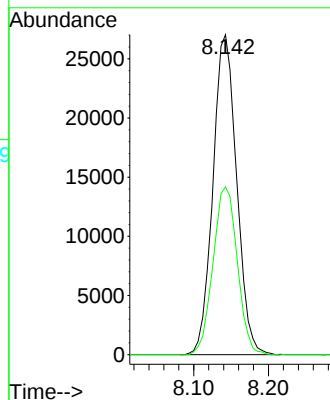
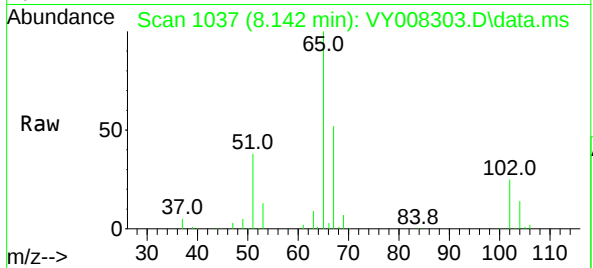




#33
 1,2-Dichloroethane-d4
 Concen: 59.258 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY008303.D
 Acq: 13 Apr 2022 10:47

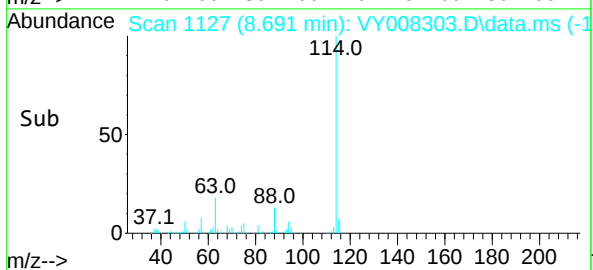
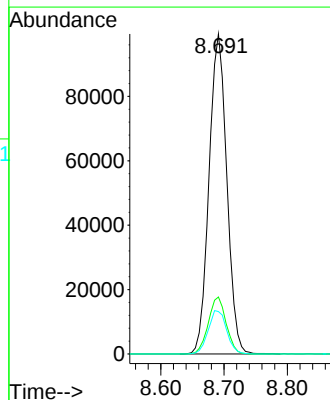
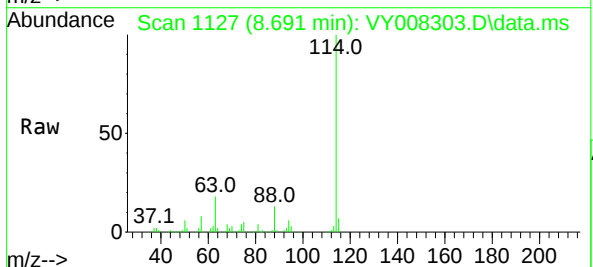
Instrument :
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 VY0413SBL01

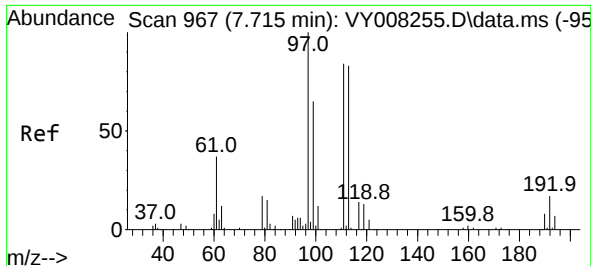
Tgt Ion: 65 Resp: 59686
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008303.D
 Acq: 13 Apr 2022 10:47

Tgt Ion: 114 Resp: 193804
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 43.2
 88 13.2 0.0 31.8

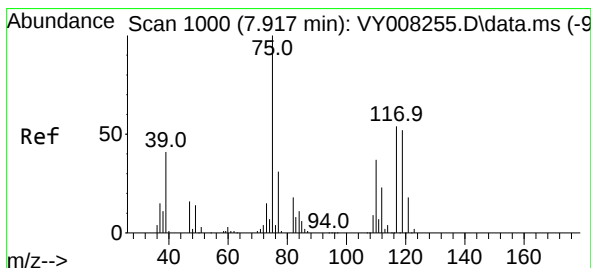
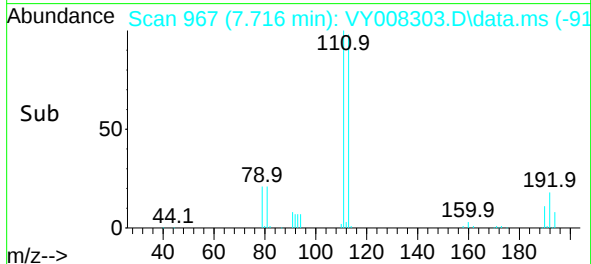
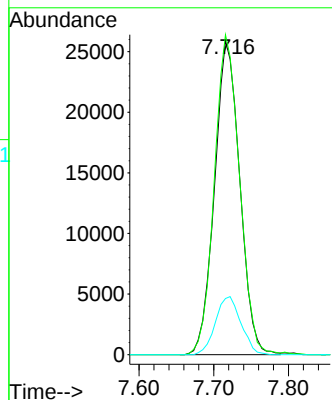
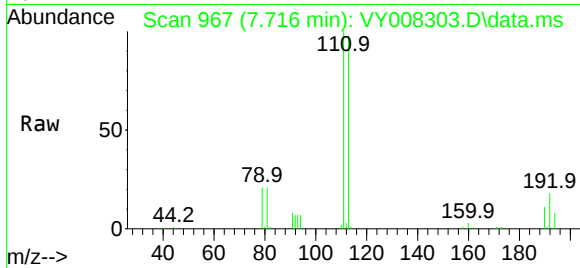




#35
Dibromofluoromethane
Concen: 54.214 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008303.D
Acq: 13 Apr 2022 10:47

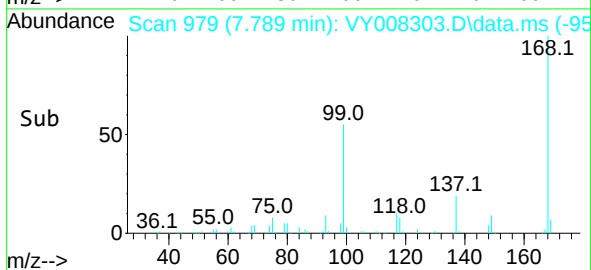
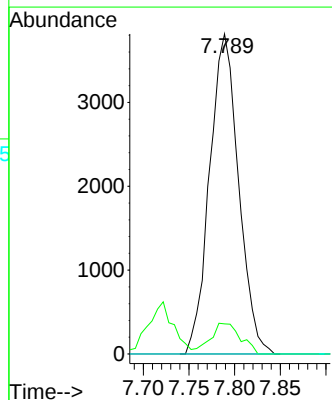
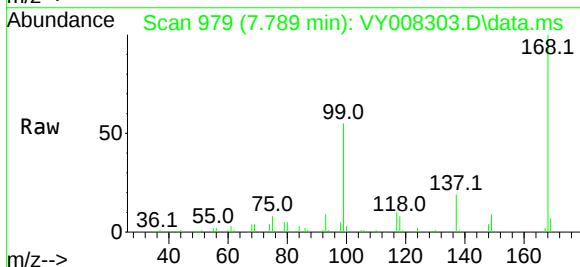
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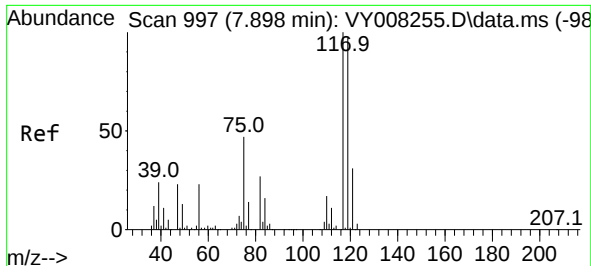
Tgt Ion:113 Resp: 60686
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.717 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008303.D
Acq: 13 Apr 2022 10:47

Tgt Ion: 75 Resp: 8432
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#

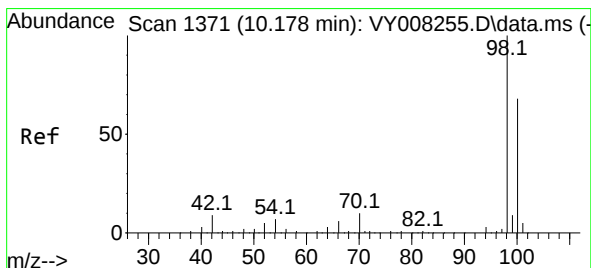
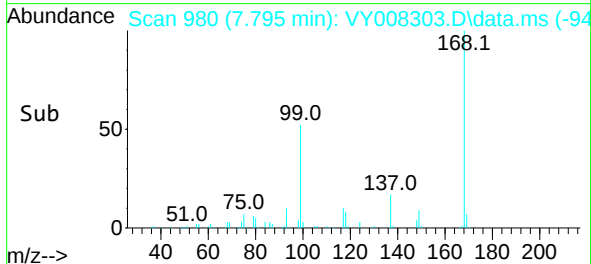
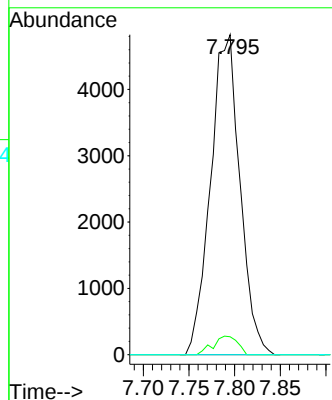
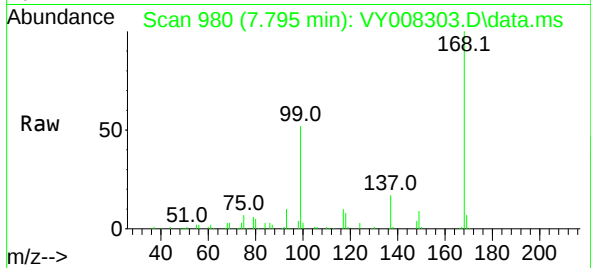




#38
Carbon Tetrachloride
Concen: 5.615 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY008303.D
Acq: 13 Apr 2022 10:47

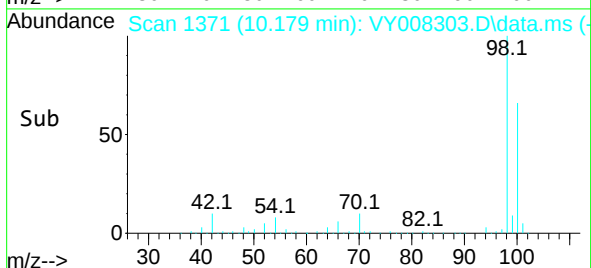
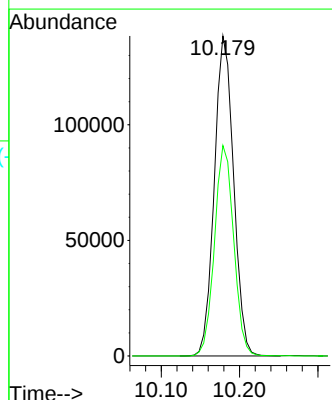
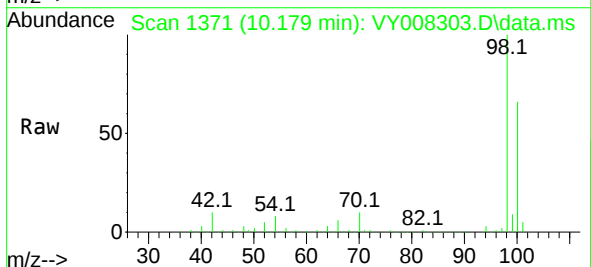
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBL01

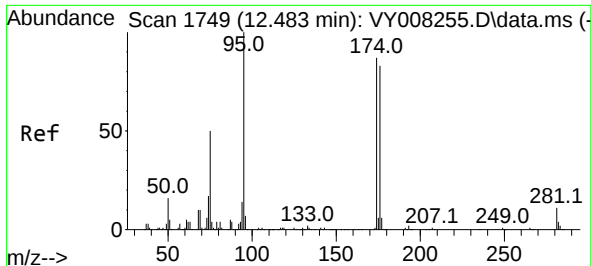
Tgt Ion:117 Resp: 10797
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.855 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008303.D
Acq: 13 Apr 2022 10:47

Tgt Ion: 98 Resp: 236922
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 55.861 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008303.D

Acq: 13 Apr 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBL01

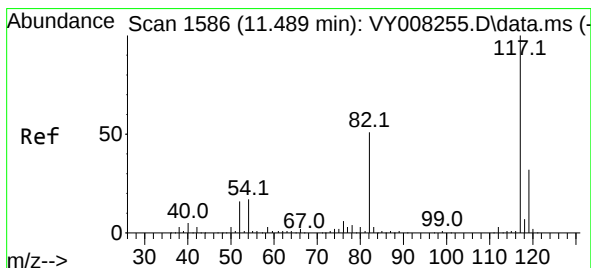
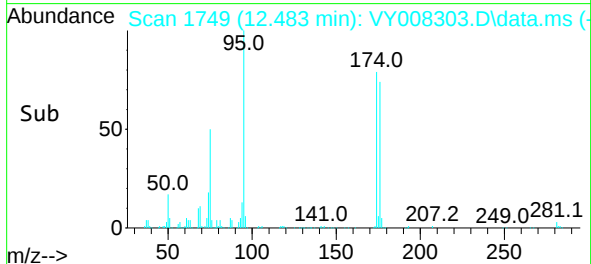
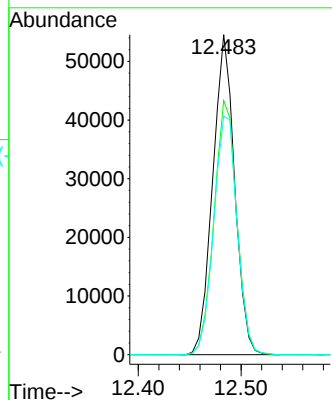
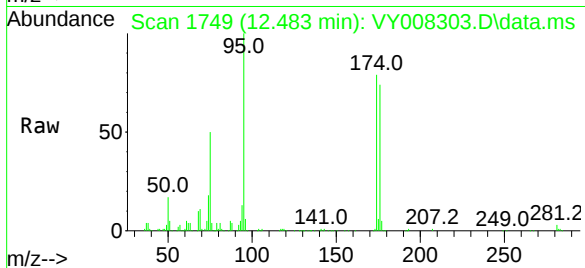
Tgt Ion: 95 Resp: 80477

Ion Ratio Lower Upper

95 100

174 82.7 0.0 177.0

176 80.1 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY008303.D

Acq: 13 Apr 2022 10:47

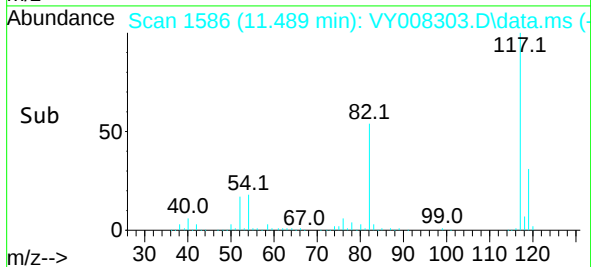
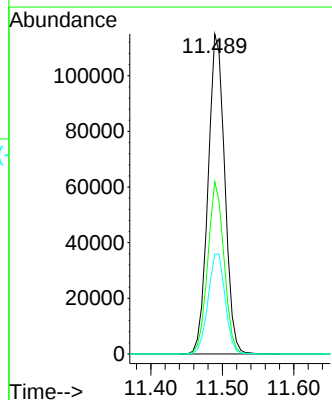
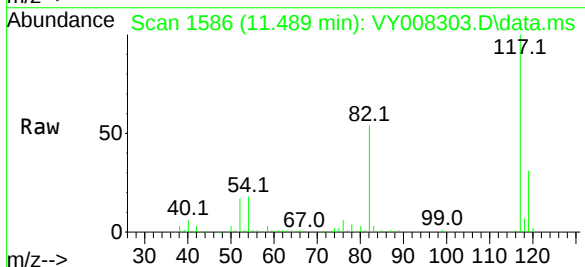
Tgt Ion: 117 Resp: 185887

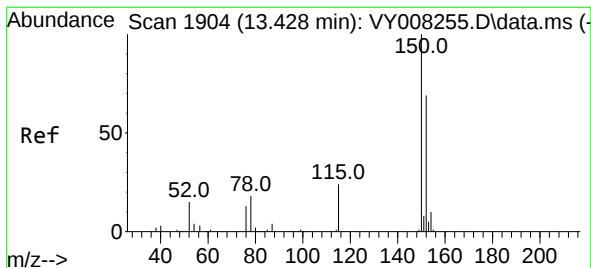
Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 31.3 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: VY008303.D

Acq: 13 Apr 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBL01

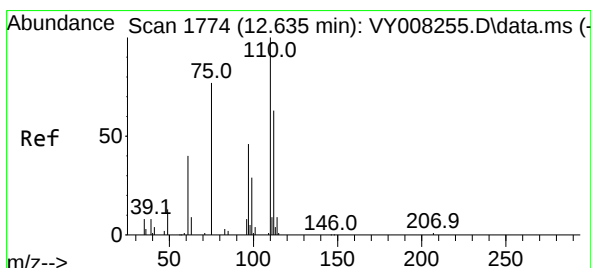
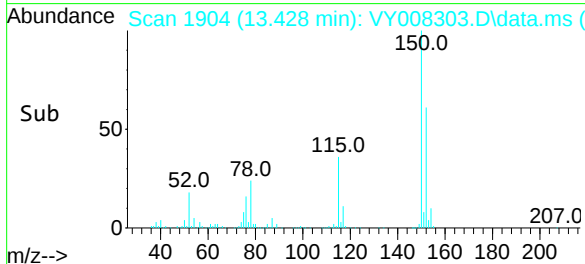
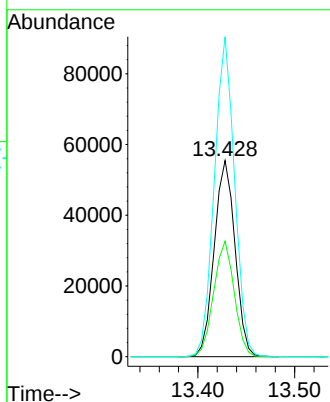
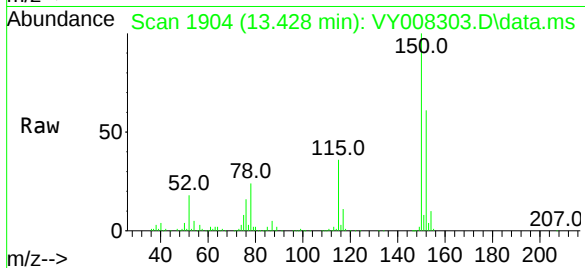
Tgt Ion:152 Resp: 82778

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 158.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 45.309 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008303.D

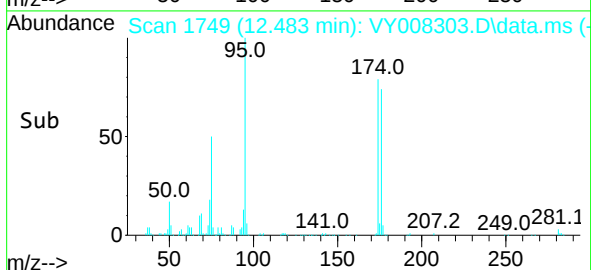
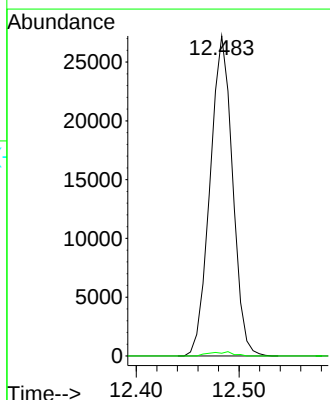
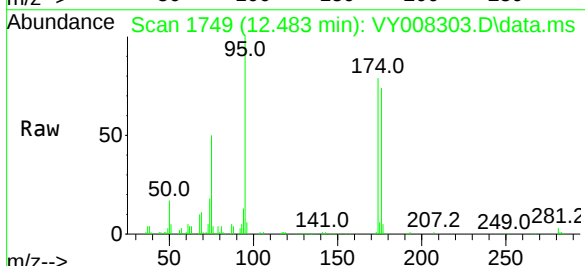
Acq: 13 Apr 2022 10:47

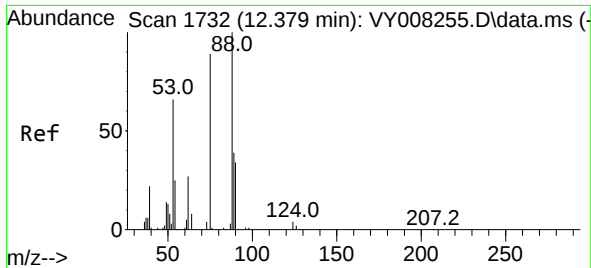
Tgt Ion: 75 Resp: 41481

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.378 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008303.D
 Acq: 13 Apr 2022 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBL01

Tgt Ion: 75 Resp: 41481
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

