

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008349.D
 Acq On : 15 Apr 2022 14:28
 Operator : KP/MD
 Sample : N2392-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-212

Quant Time: Apr 16 04:58:24 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)

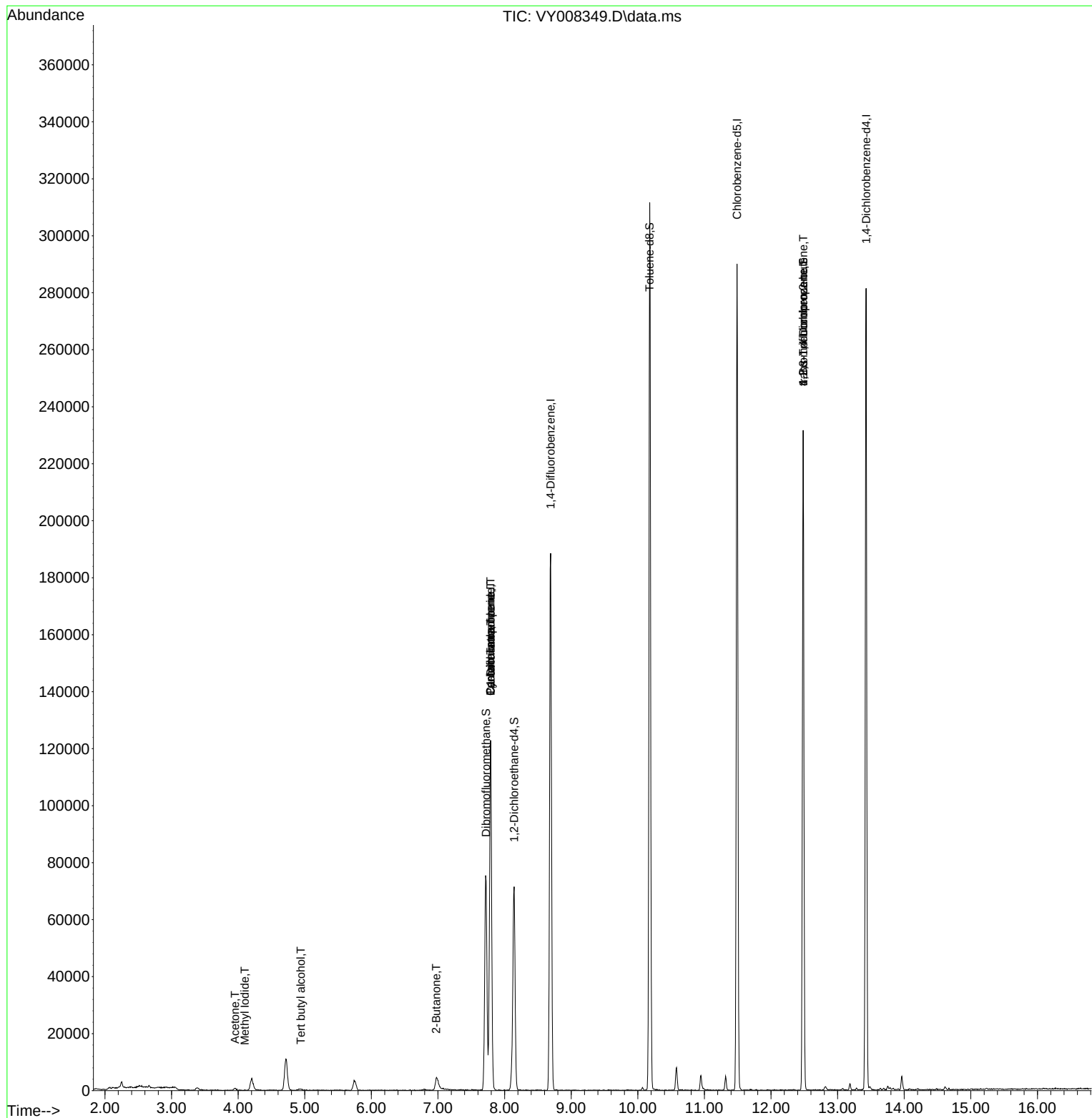
Internal Standards						
1) Pentafluorobenzene	7.789	168	95816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	163318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52974	58.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.720%	
35) Dibromofluoromethane	7.722	113	53533	54.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.620%	
50) Toluene-d8	10.179	98	208195	61.731	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.460%	
62) 4-Bromofluorobenzene	12.483	95	67825	53.468	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	262	Below Cal	#	44
5) Bromomethane	2.662	94	285	Below Cal	#	77
10) Methyl Iodide	4.101	142	97	2.470	ug/l #	35
11) Tert butyl alcohol	4.942	59	475	4.937	ug/l #	77
16) Acetone	3.954	43	1252	5.784	ug/l	90
18) Methyl Acetate	4.472	43	174	Below Cal	#	56
25) 2-Butanone	6.972	43	367	1.084	ug/l #	54
31) Cyclohexane	7.789	56	1954	1.201	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7421	4.715	ug/l #	52
38) Carbon Tetrachloride	7.789	117	9451	5.582	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	35814	46.026	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35814	102.982	ug/l #	7

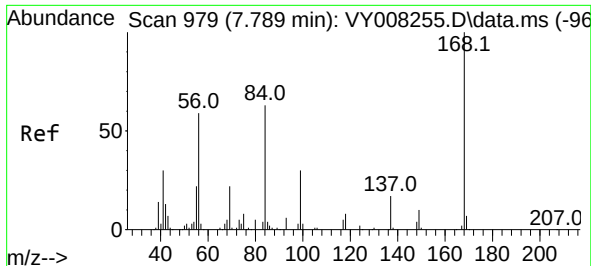
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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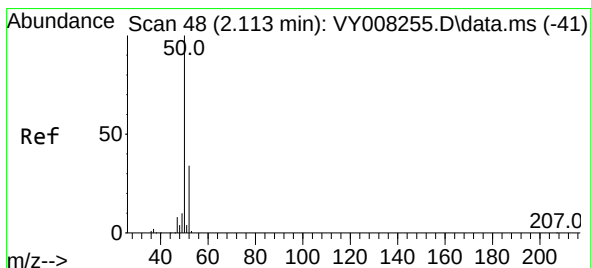
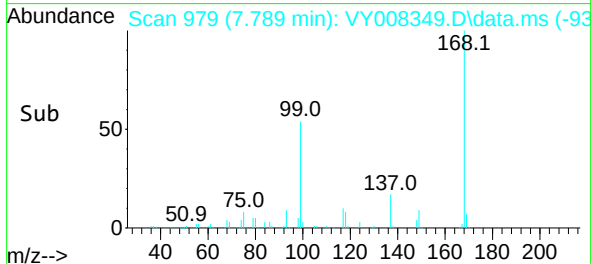
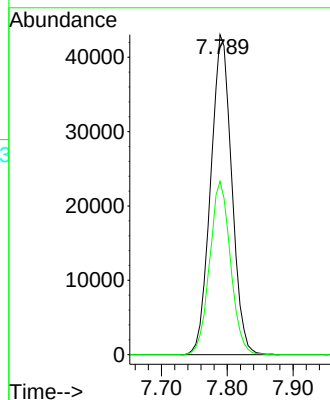
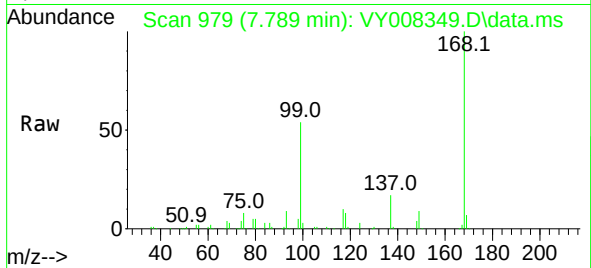




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

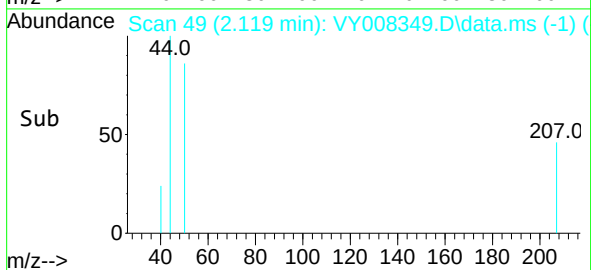
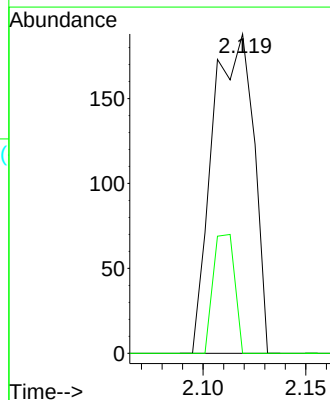
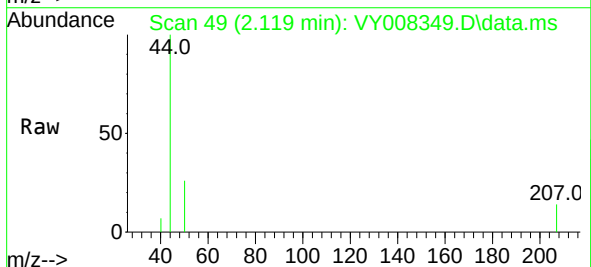
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

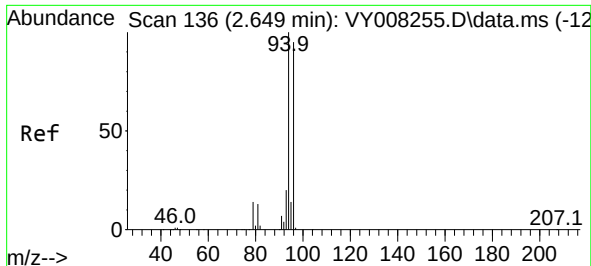
Tgt Ion:168 Resp: 95816
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

Tgt Ion: 50 Resp: 262
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: VY008349.D

Acq: 15 Apr 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

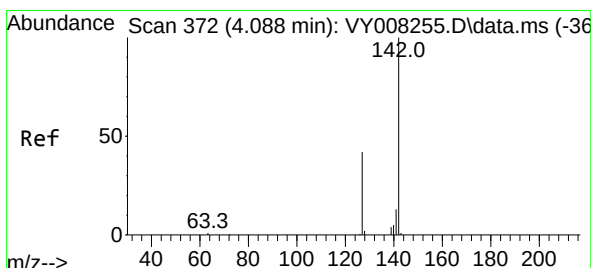
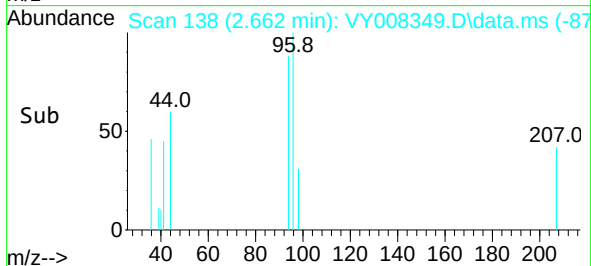
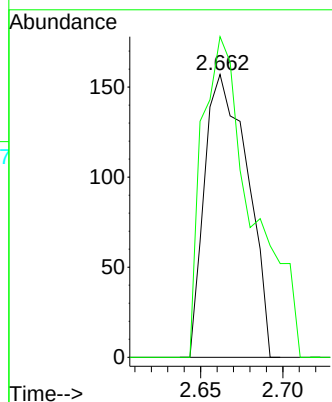
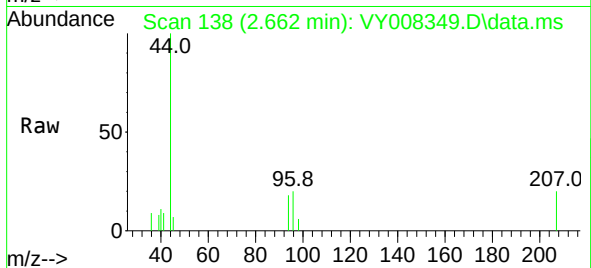
VNJ-212

Tgt Ion: 94 Resp: 285

Ion Ratio Lower Upper

94 100

96 113.4 73.5 110.3#



#10

Methyl Iodide

Concen: 2.470 ug/l

RT: 4.101 min Scan# 374

Delta R.T. 0.013 min

Lab File: VY008349.D

Acq: 15 Apr 2022 14:28

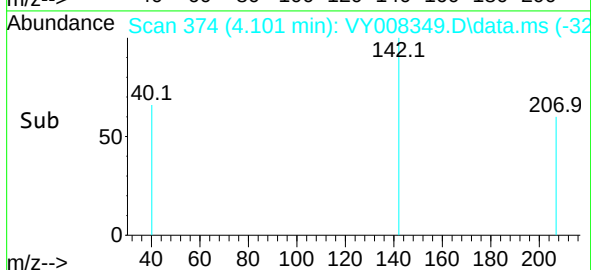
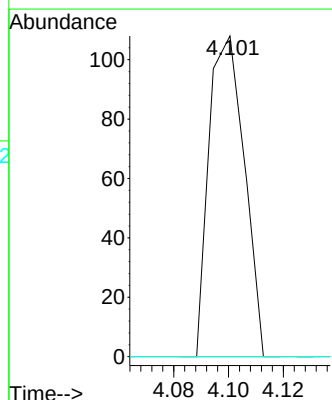
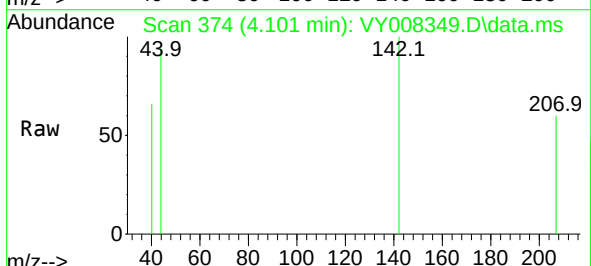
Tgt Ion:142 Resp: 97

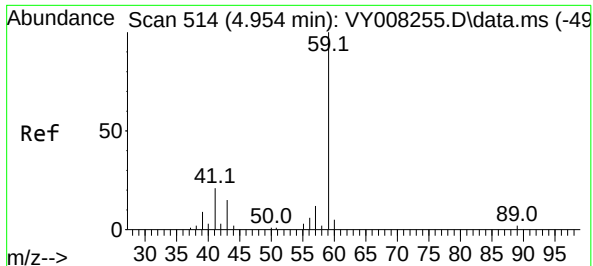
Ion Ratio Lower Upper

142 100

127 0.0 41.5 62.3#

141 0.0 11.9 17.9#

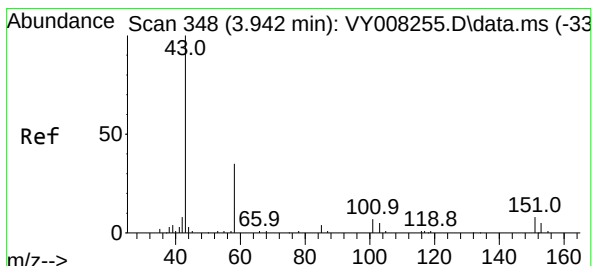
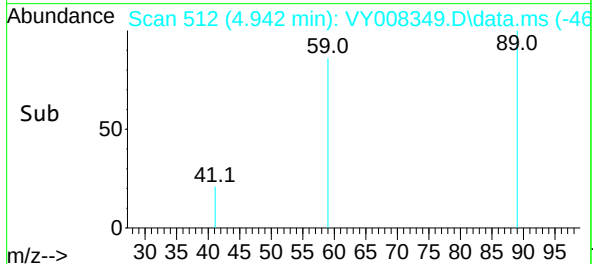
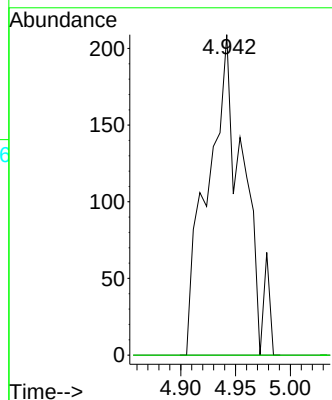
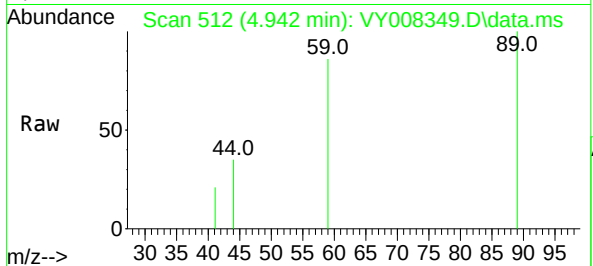




#11
Tert butyl alcohol
Concen: 4.937 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

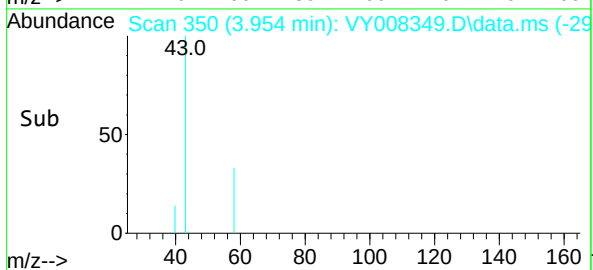
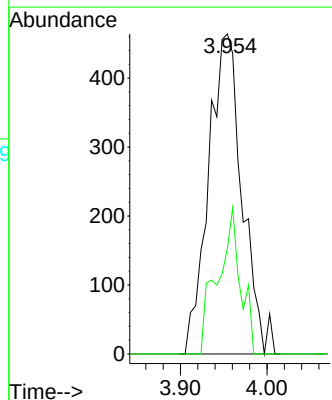
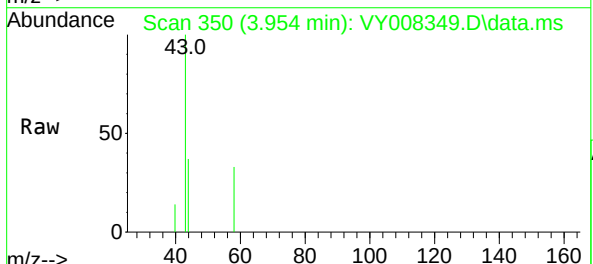
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

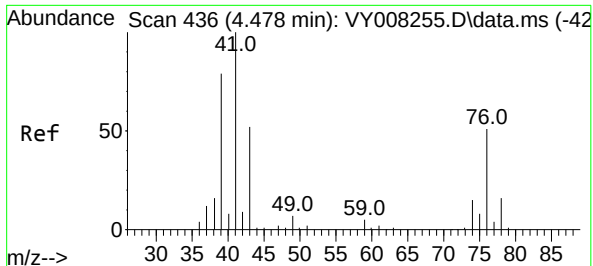
Tgt Ion: 59 Resp: 475
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 5.784 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
58 33.0 22.0 33.0

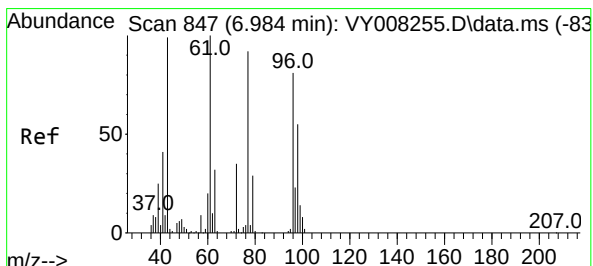
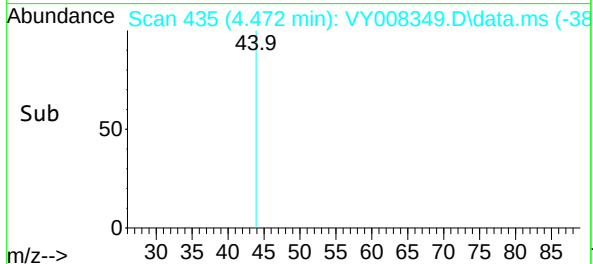
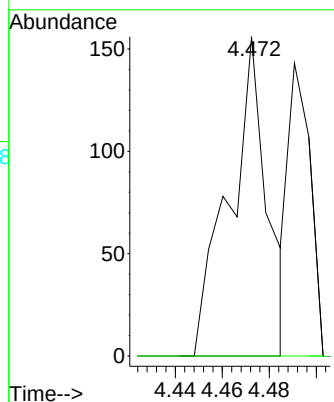
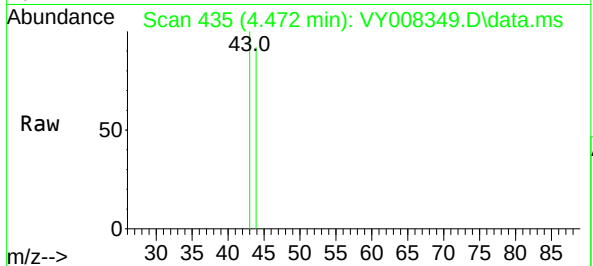




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

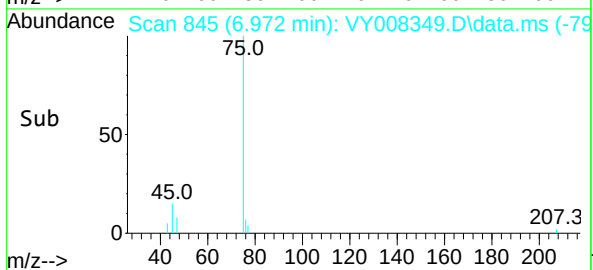
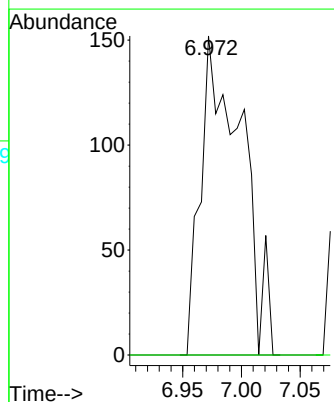
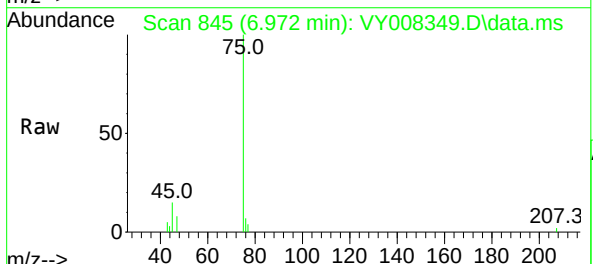
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

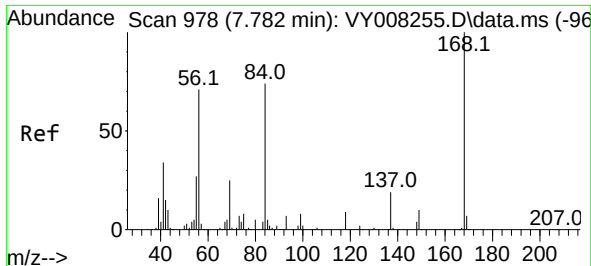
Tgt Ion: 43 Resp: 174
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 1.084 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

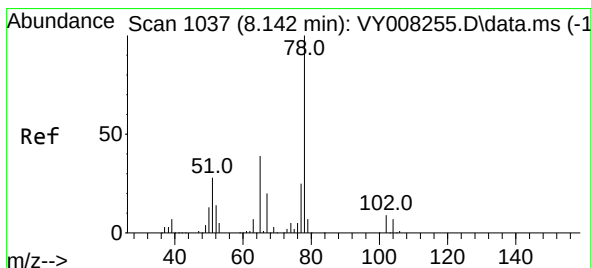
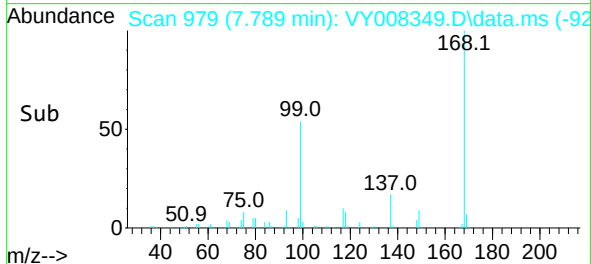
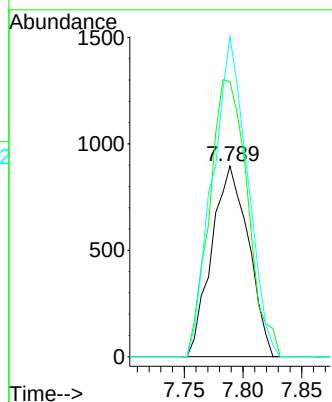
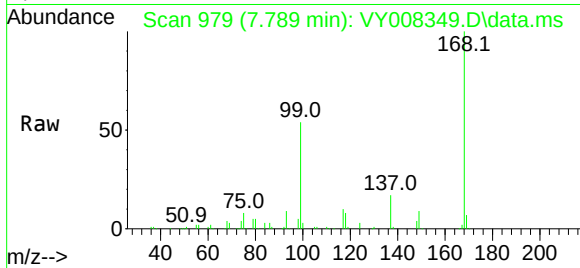




#31
Cyclohexane
Concen: 1.201 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

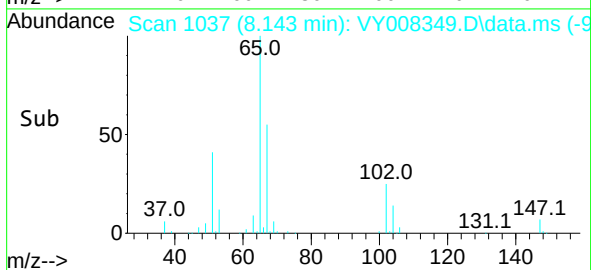
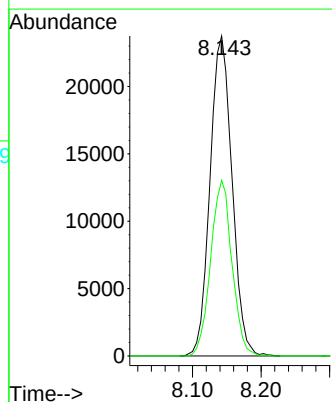
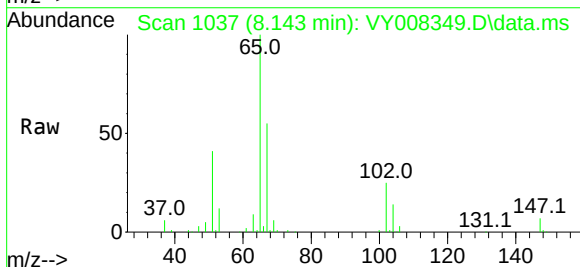
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

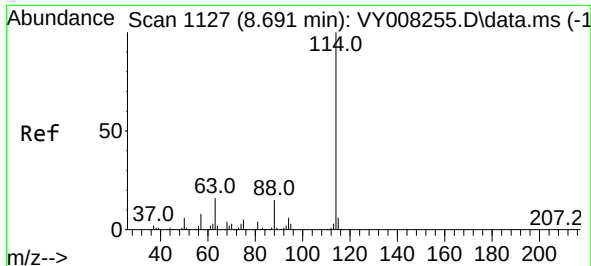
Tgt Ion: 56 Resp: 1954
Ion Ratio Lower Upper
56 100
69 144.2 26.7 40.1#
84 167.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.859 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

Tgt Ion: 65 Resp: 52974
Ion Ratio Lower Upper
65 100
67 53.2 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: VY008349.D

Acq: 15 Apr 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-212

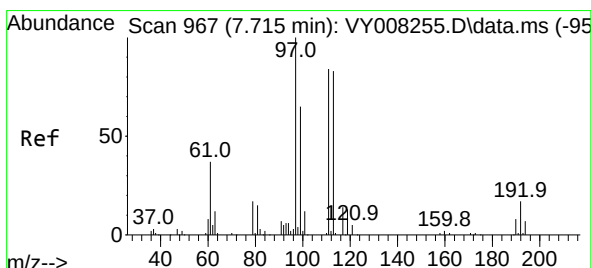
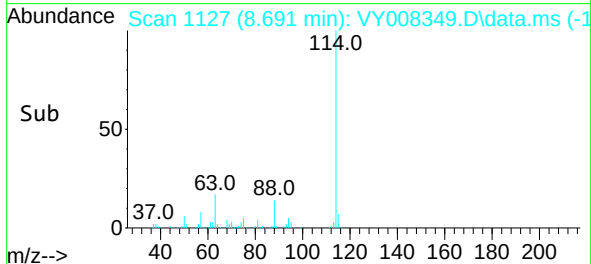
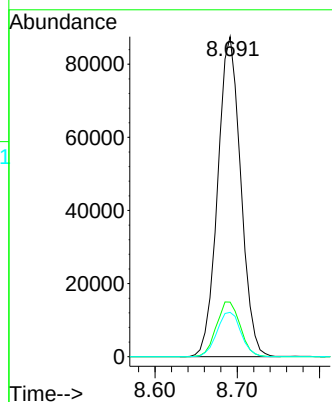
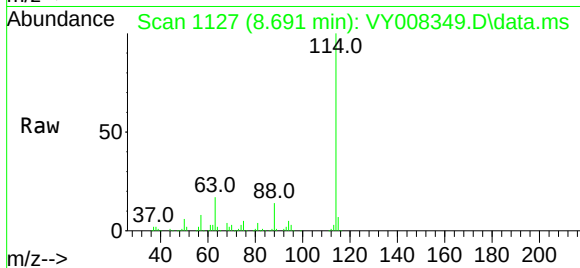
Tgt Ion:114 Resp: 170646

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.314 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

Lab File: VY008349.D

Acq: 15 Apr 2022 14:28

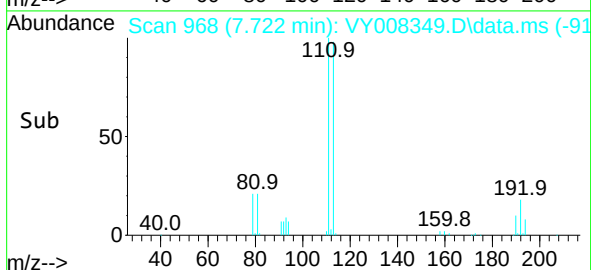
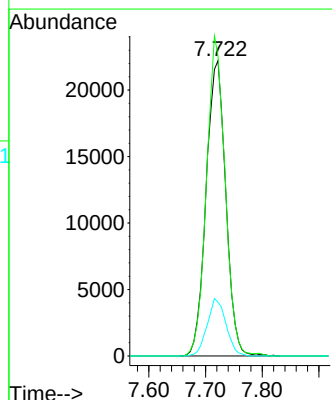
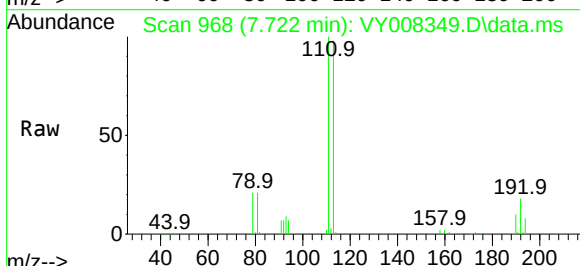
Tgt Ion:113 Resp: 53533

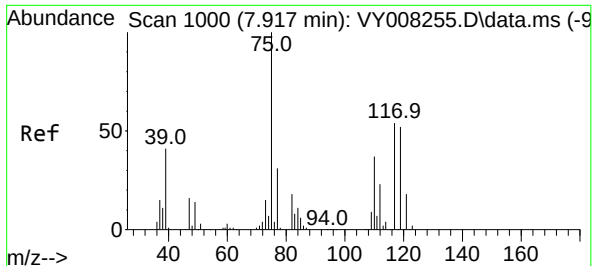
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 18.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.715 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008349.D

Acq: 15 Apr 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-212

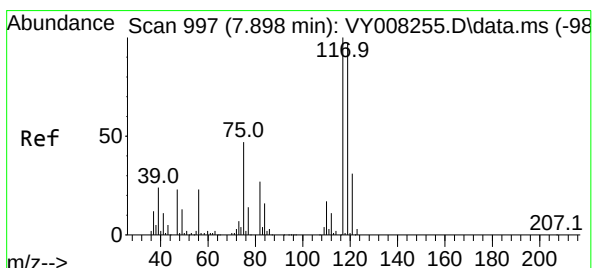
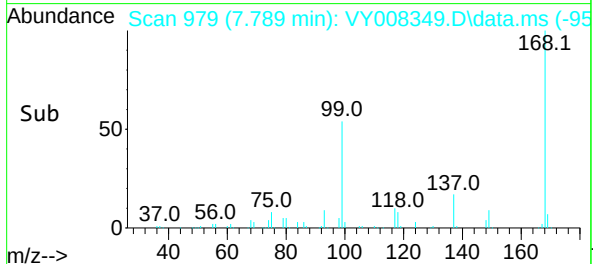
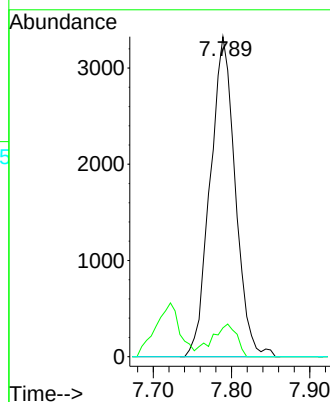
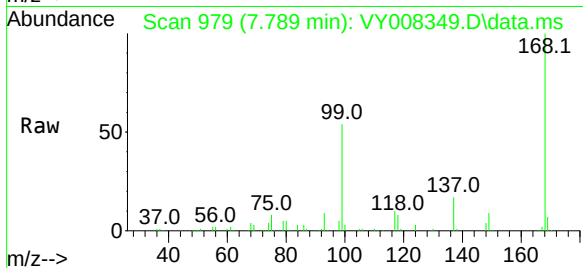
Tgt Ion: 75 Resp: 7421

Ion Ratio Lower Upper

75 100

110 10.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.582 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008349.D

Acq: 15 Apr 2022 14:28

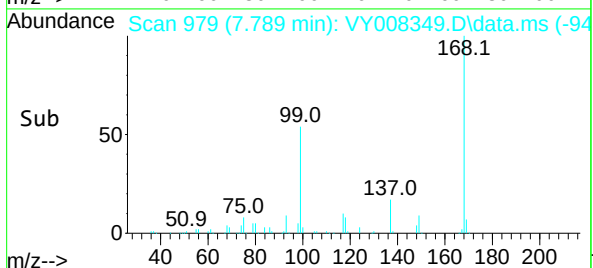
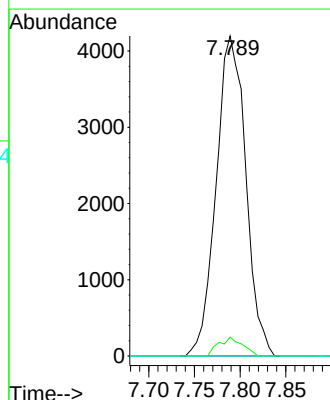
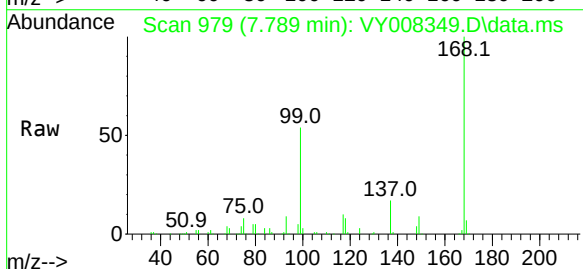
Tgt Ion: 117 Resp: 9451

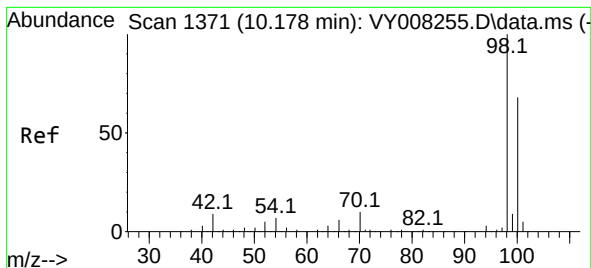
Ion Ratio Lower Upper

117 100

119 5.9 77.9 116.9#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 61.731 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008349.D

Acq: 15 Apr 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

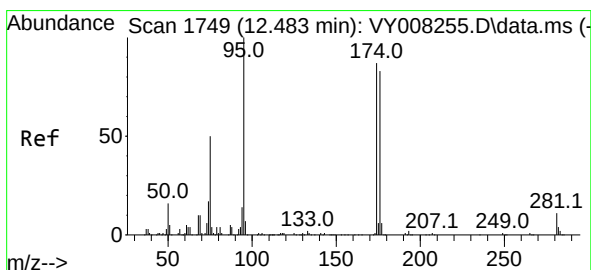
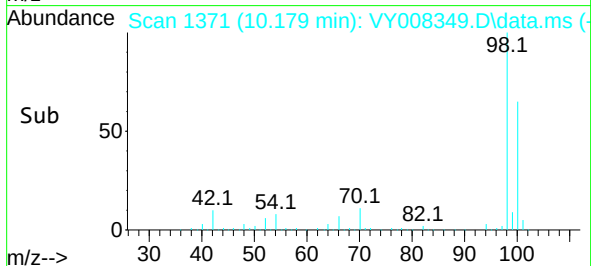
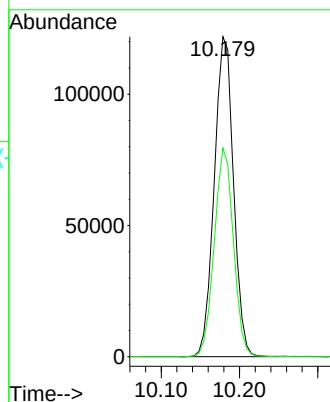
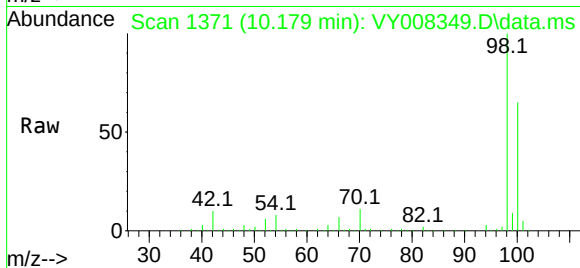
VNJ-212

Tgt Ion: 98 Resp: 208195

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 53.468 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008349.D

Acq: 15 Apr 2022 14:28

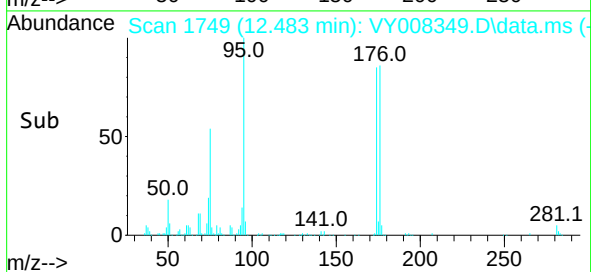
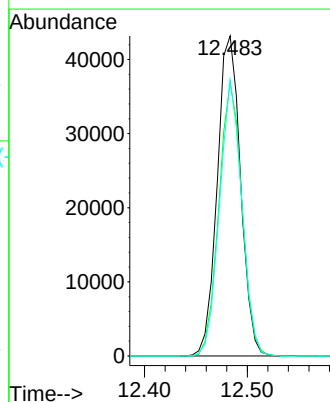
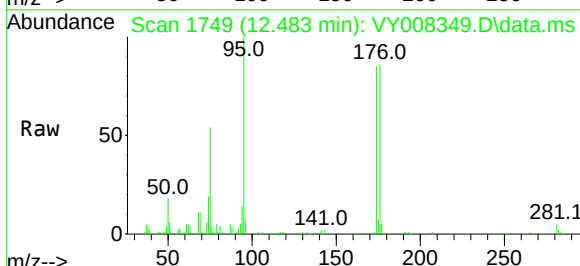
Tgt Ion: 95 Resp: 67825

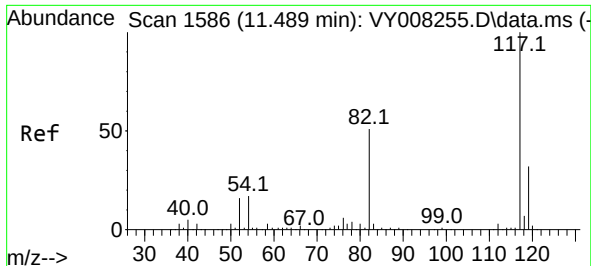
Ion Ratio Lower Upper

95 100

174 84.6 0.0 177.0

176 82.4 0.0 175.8

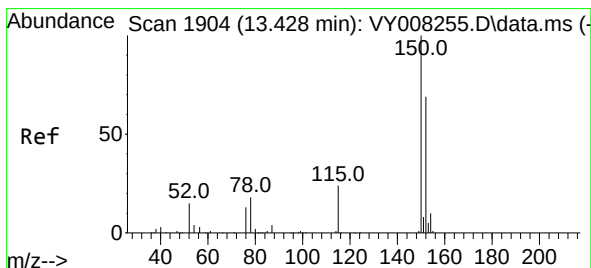
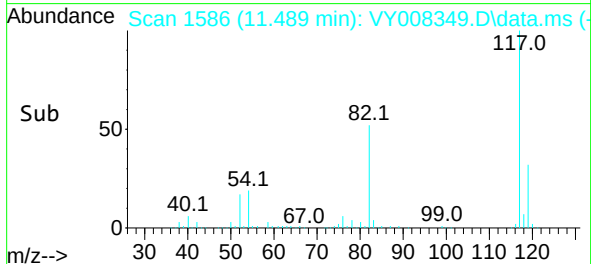
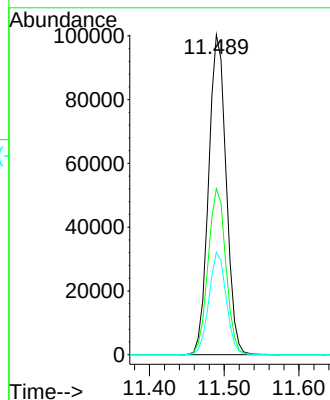
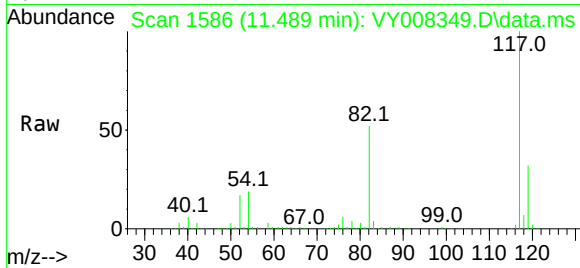




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

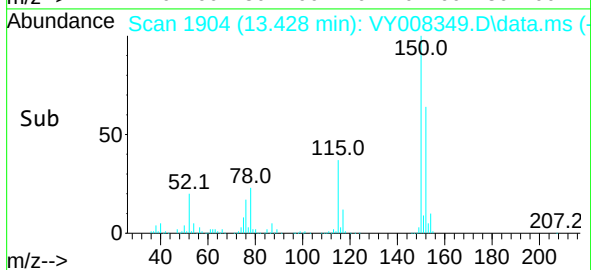
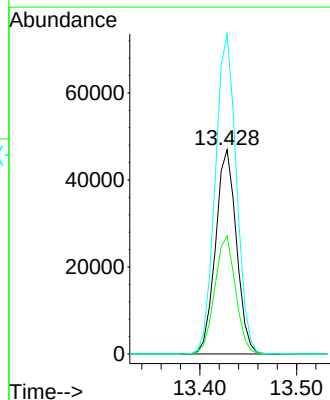
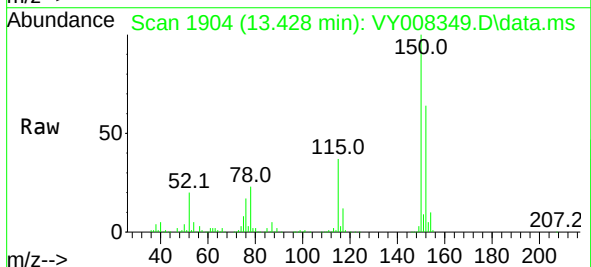
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

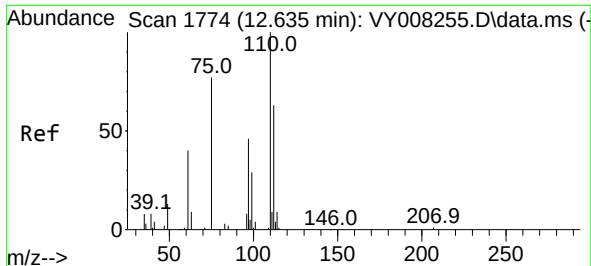
Tgt Ion:117 Resp: 163318
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

Tgt Ion:152 Resp: 70356
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 158.9 0.0 347.6

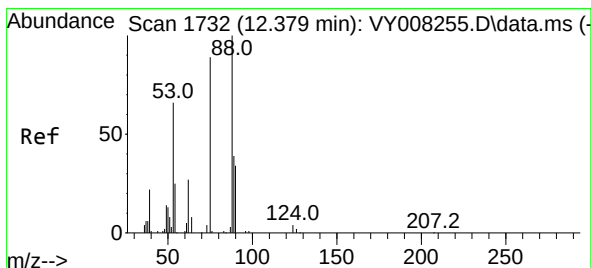
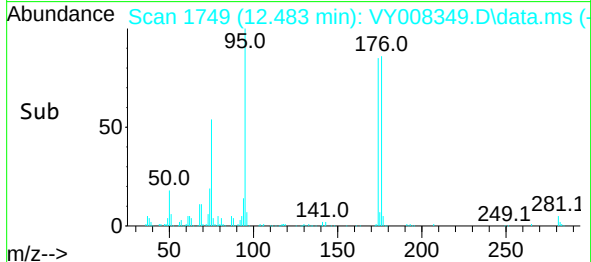
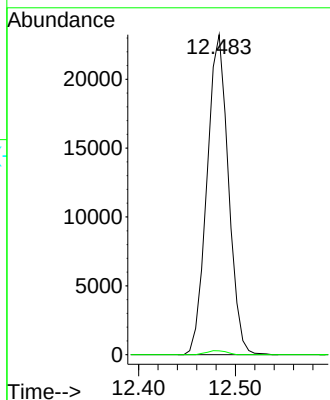
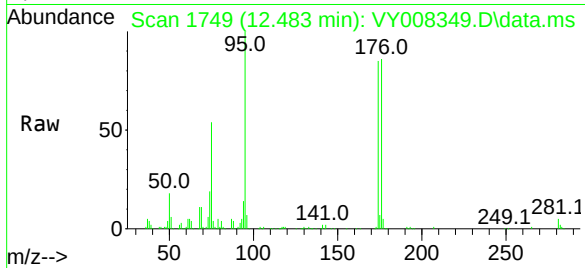




#76
 1,2,3-Trichloropropane
 Concen: 46.026 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008349.D
 Acq: 15 Apr 2022 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-212

Tgt Ion: 75 Resp: 35814
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.982 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY008349.D
 Acq: 15 Apr 2022 14:28

Tgt Ion: 75 Resp: 35814
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

