

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008538.D
 Acq On : 28 Apr 2022 11:29
 Operator : KP/MD
 Sample : VY0427SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBL01

Quant Time: Apr 29 01:59:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

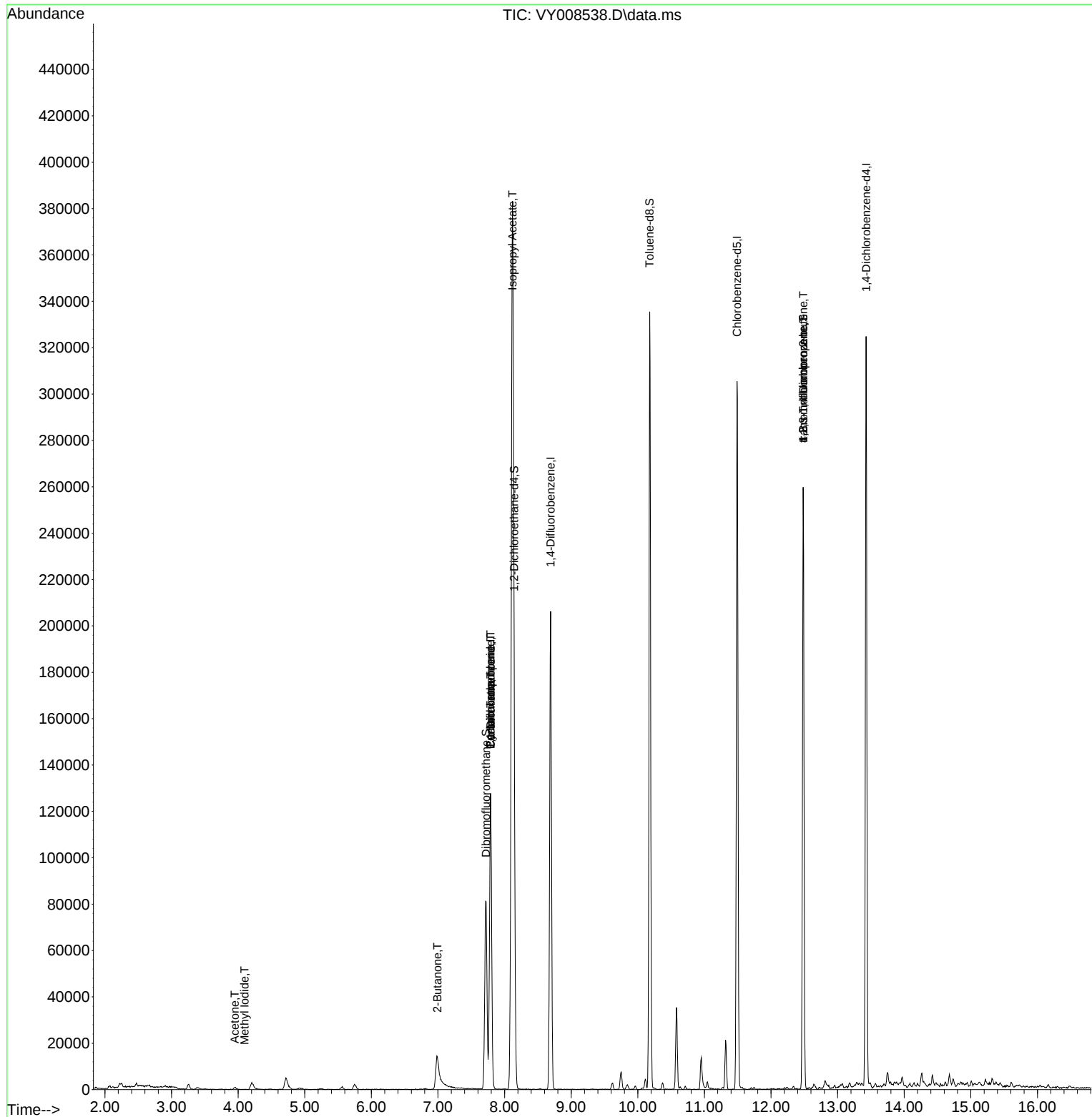
Internal Standards						
1) Pentafluorobenzene	7.789	168	98549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	179673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	175611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	56518	48.741	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.480%		
35) Dibromofluoromethane	7.722	113	57068	49.214	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.420%		
50) Toluene-d8	10.179	98	218660	47.434	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.860%		
62) 4-Bromofluorobenzene	12.483	95	75817	48.556	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.120%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	128	1.775	ug/l #	35
11) Tert butyl alcohol	4.930	59	497	Below Cal	#	77
16) Acetone	3.948	43	1486	5.502	ug/l #	66
20) Methylene Chloride	4.716	84	3803	Below Cal	#	78
25) 2-Butanone	6.990	43	1154	2.762	ug/l #	54
31) Cyclohexane	7.789	56	2180	1.144	ug/l #	28
36) 1,1-Dichloropropene	7.789	75	7529	4.082	ug/l #	51
38) Carbon Tetrachloride	7.789	117	9971	5.203	ug/l #	14
43) Isopropyl Acetate	8.118	43	7428	3.959	ug/l #	26
76) 1,2,3-Trichloropropane	12.483	75	40804	39.080	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40804	90.662	ug/l #	7

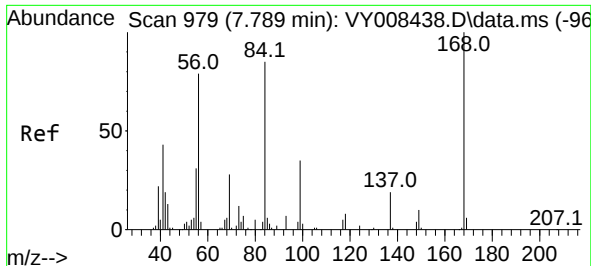
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
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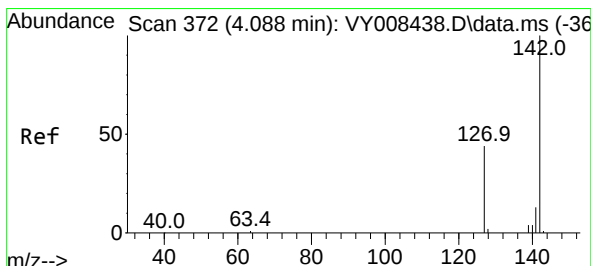
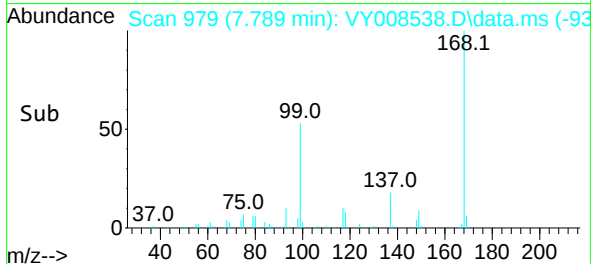
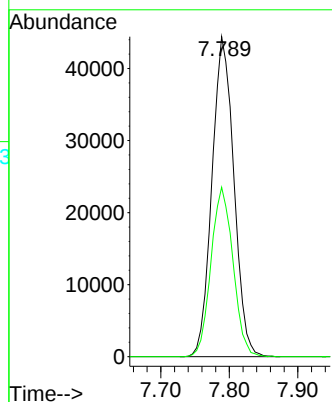
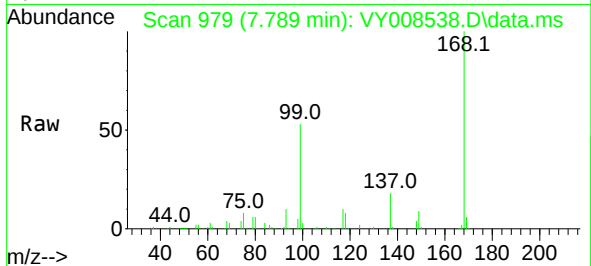




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008538.D
Acq: 28 Apr 2022 11:29

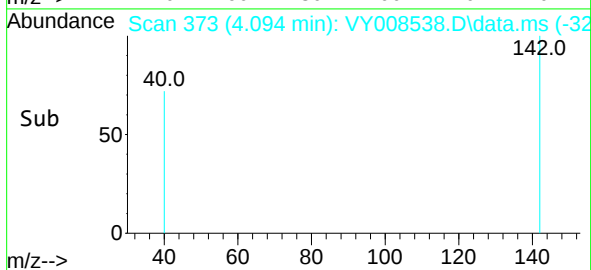
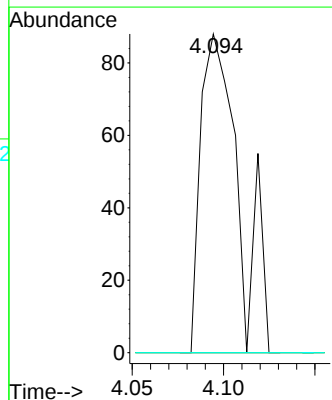
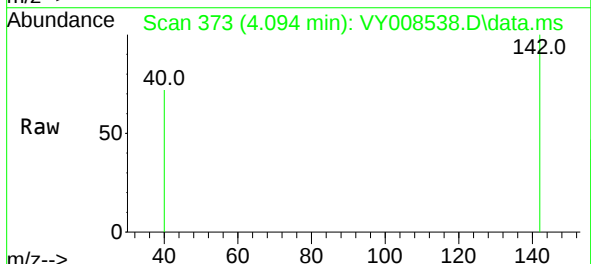
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01

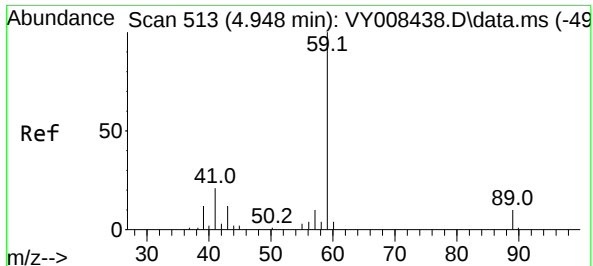
Tgt Ion:168 Resp: 98549
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#10
Methyl Iodide
Concen: 1.775 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008538.D
Acq: 28 Apr 2022 11:29

Tgt Ion:142 Resp: 128
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

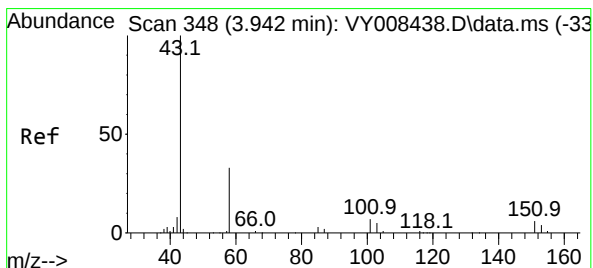
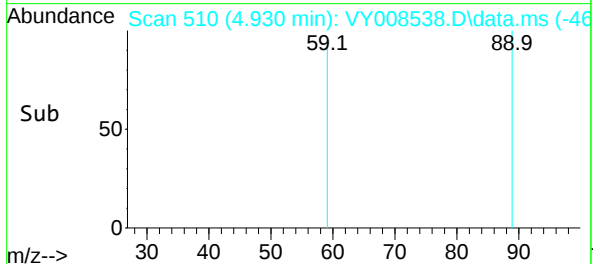
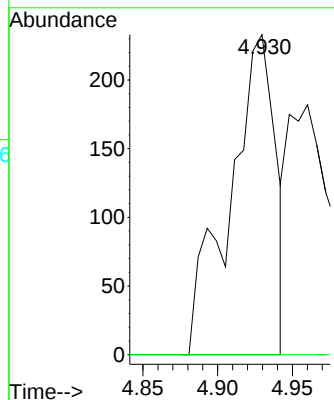
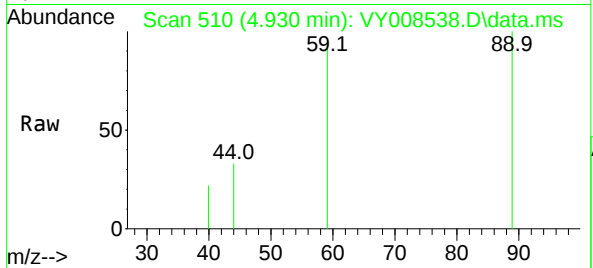




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY008538.D
Acq: 28 Apr 2022 11:29

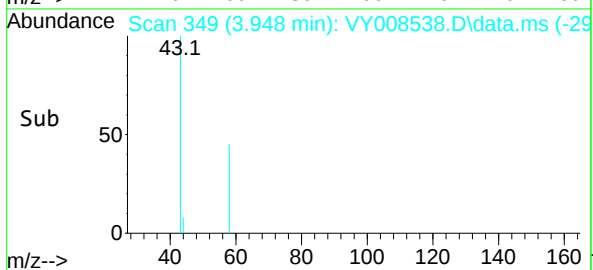
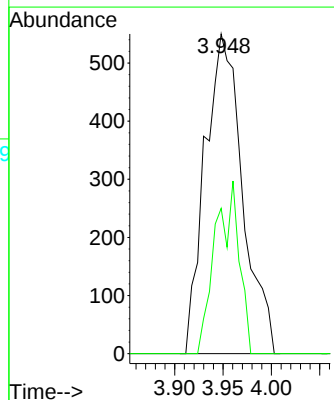
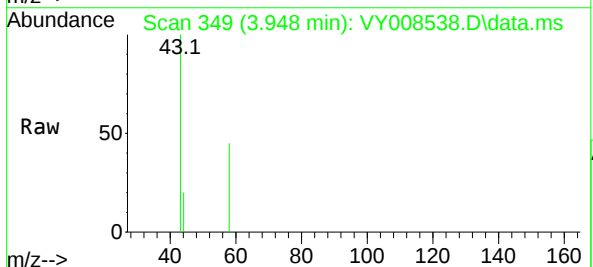
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01

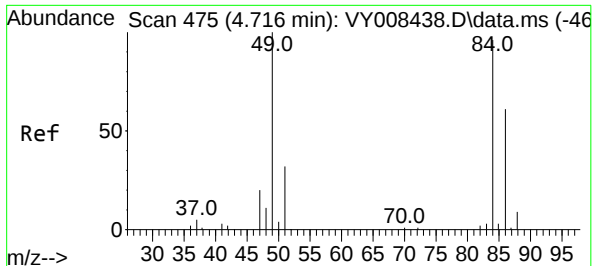
Tgt Ion: 59 Resp: 497
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 5.502 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008538.D
Acq: 28 Apr 2022 11:29

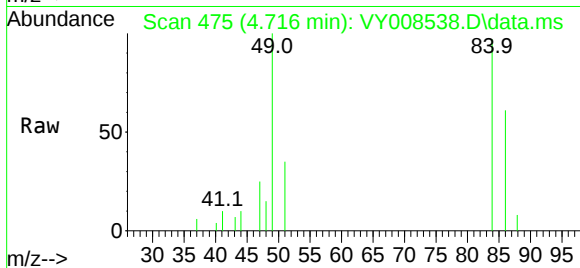
Tgt Ion: 43 Resp: 1486
Ion Ratio Lower Upper
43 100
58 45.5 22.0 33.0#



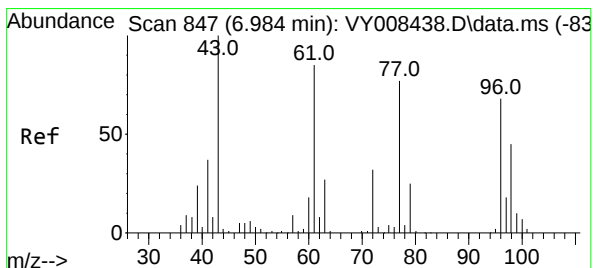
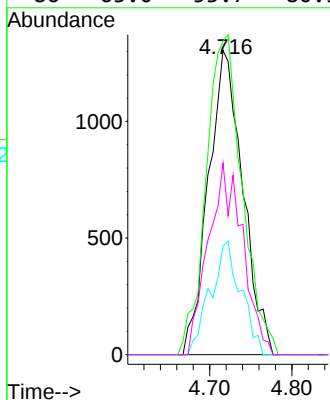
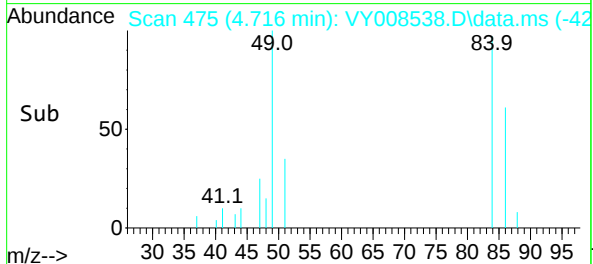


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008538.D
Acq: 28 Apr 2022 11:29

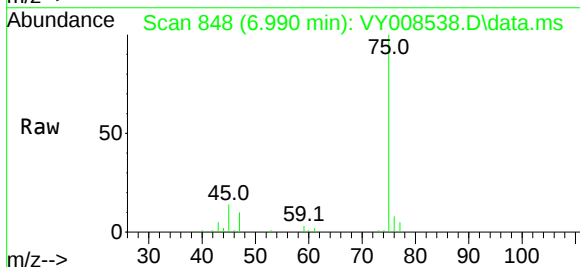
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01



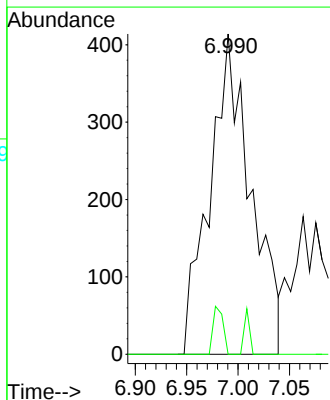
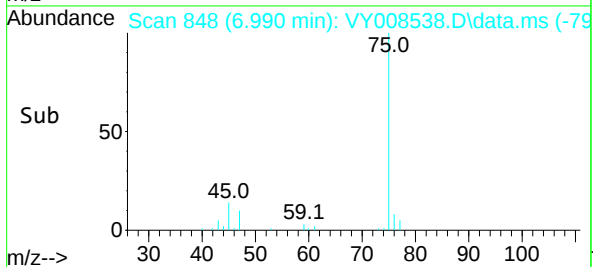
Tgt Ion: 84 Resp: 3803
Ion Ratio Lower Upper
84 100
49 103.0 114.4 171.6#
51 35.6 35.3 52.9
86 63.0 53.7 80.5

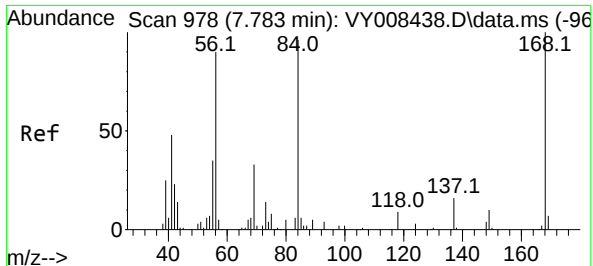


#25
2-Butanone
Concen: 2.762 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008538.D
Acq: 28 Apr 2022 11:29



Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

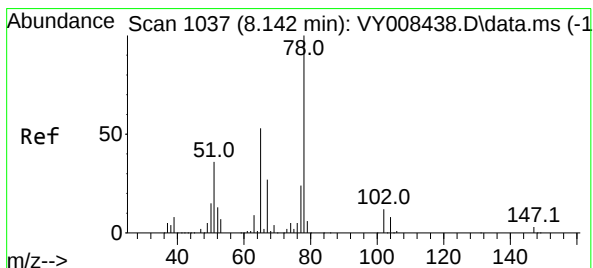
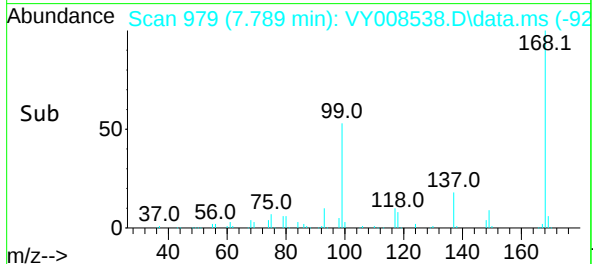
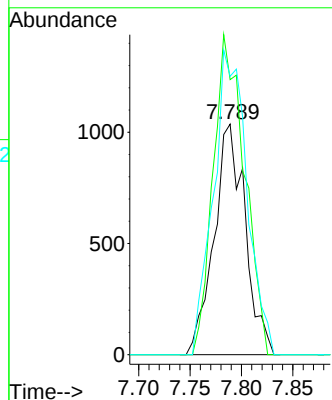
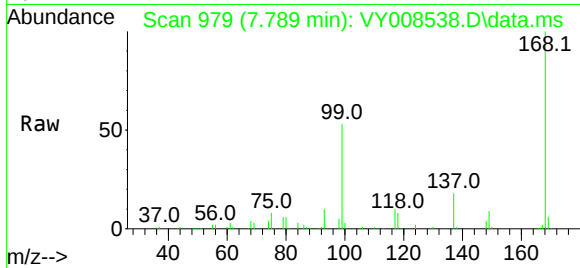




#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008538.D
Acq: 28 Apr 2022 11:29

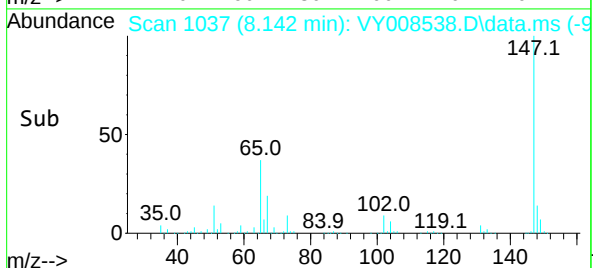
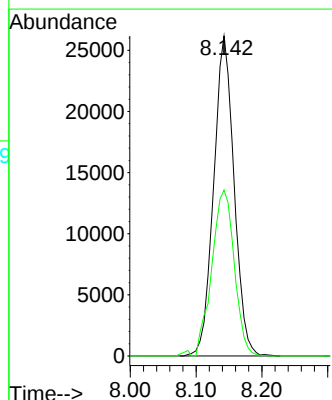
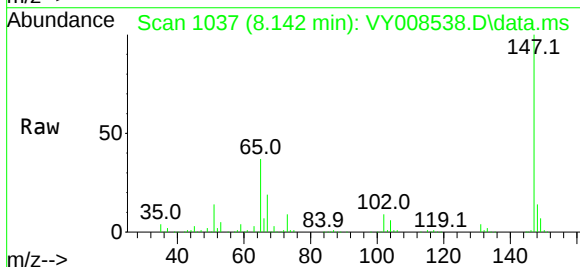
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01

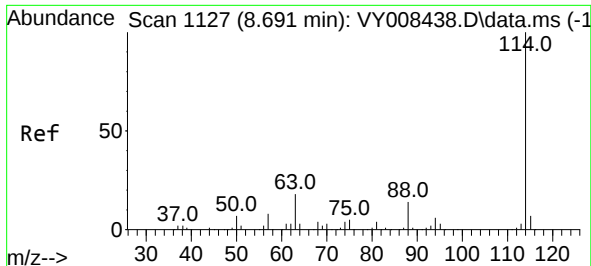
Tgt Ion: 56 Resp: 2180
Ion Ratio Lower Upper
56 100
69 119.3 26.7 40.1#
84 120.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.741 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008538.D
Acq: 28 Apr 2022 11:29

Tgt Ion: 65 Resp: 56518
Ion Ratio Lower Upper
65 100
67 57.1 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: VY008538.D

Acq: 28 Apr 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBL01

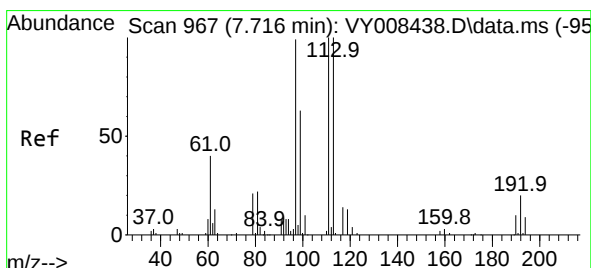
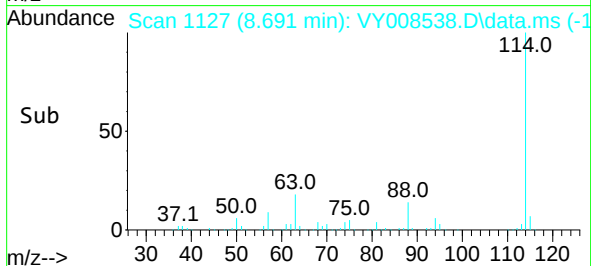
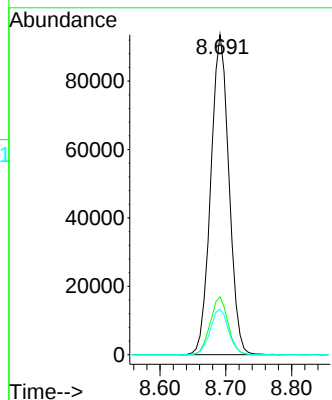
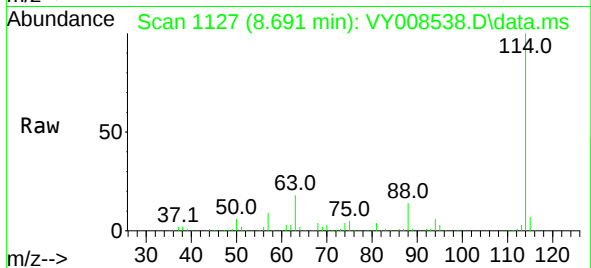
Tgt Ion:114 Resp: 179673

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.214 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008538.D

Acq: 28 Apr 2022 11:29

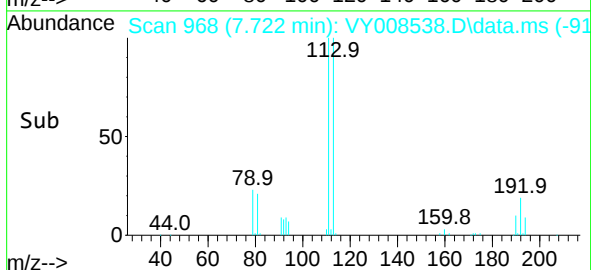
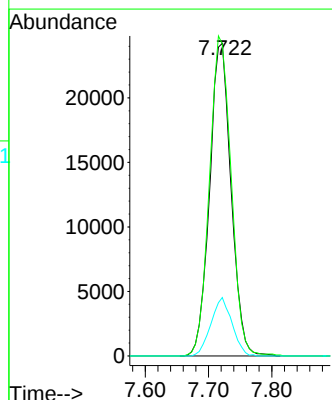
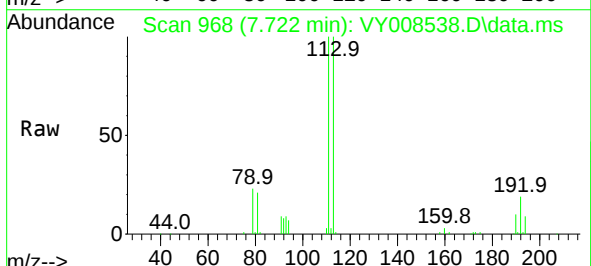
Tgt Ion:113 Resp: 57068

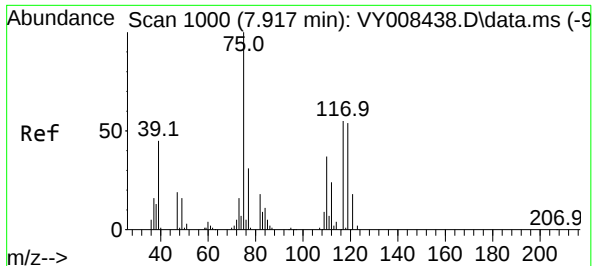
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 18.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.082 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008538.D

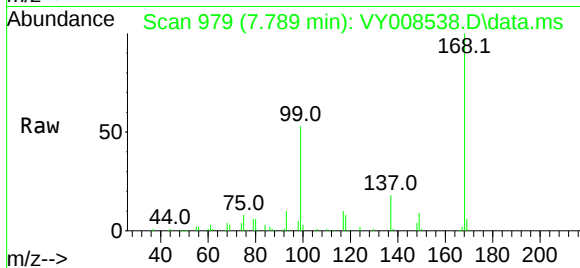
Acq: 28 Apr 2022 11:29

Instrument :

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ClientSampleId :

VY0428SBL01



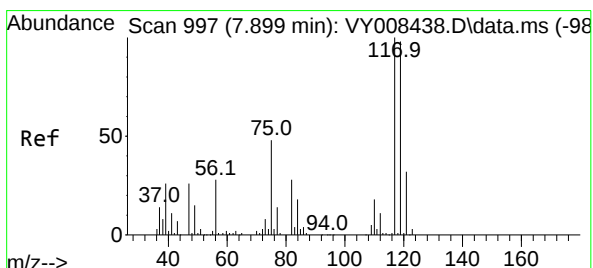
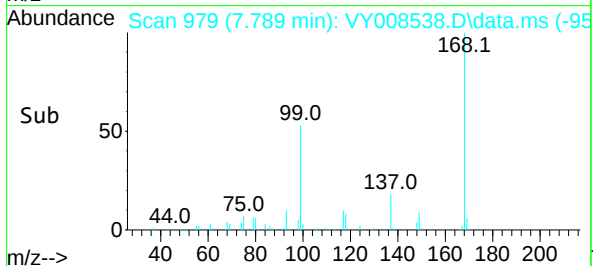
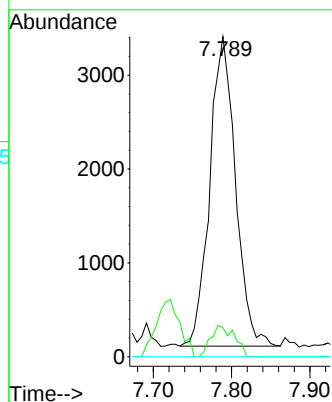
Tgt Ion: 75 Resp: 7529

Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.203 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008538.D

Acq: 28 Apr 2022 11:29

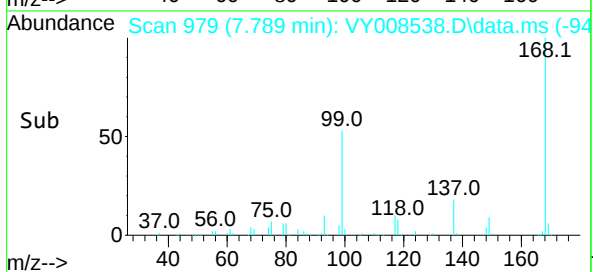
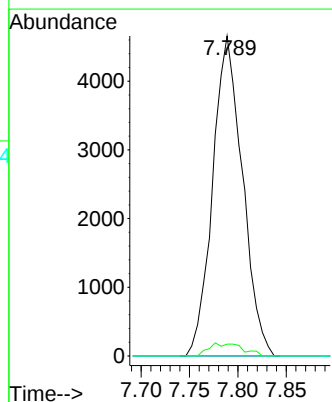
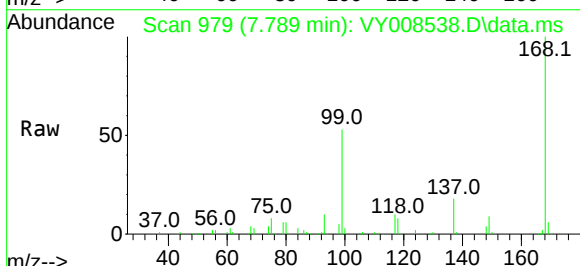
Tgt Ion: 117 Resp: 9971

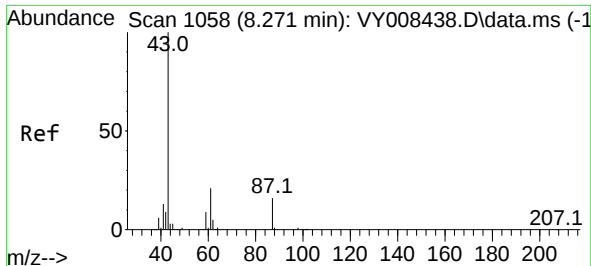
Ion Ratio Lower Upper

117 100

119 3.7 77.9 116.9#

121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 3.959 ug/l

RT: 8.118 min Scan# 1058

Delta R.T. -0.153 min

Lab File: VY008538.D

Acq: 28 Apr 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBL01

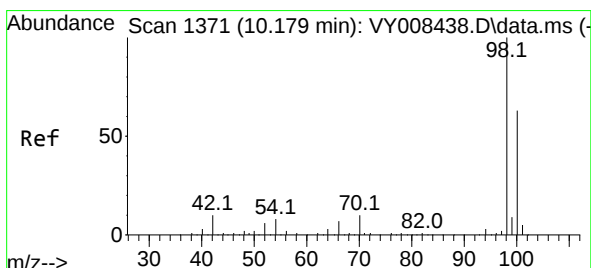
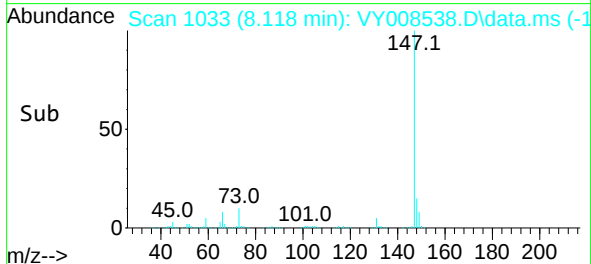
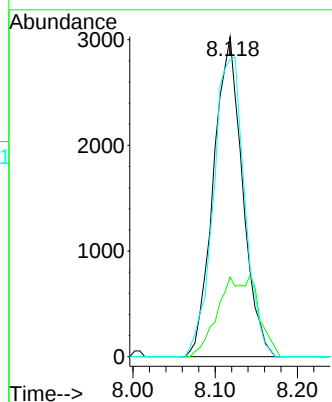
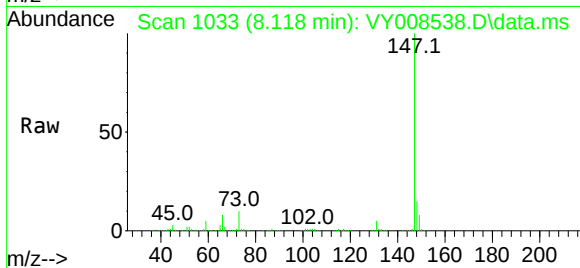
Tgt Ion: 43 Resp: 7428

Ion Ratio Lower Upper

43 100

61 23.6 20.2 30.2

87 101.0 8.9 13.3#



#50

Toluene-d8

Concen: 47.434 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008538.D

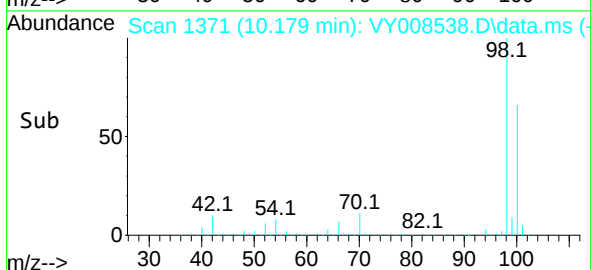
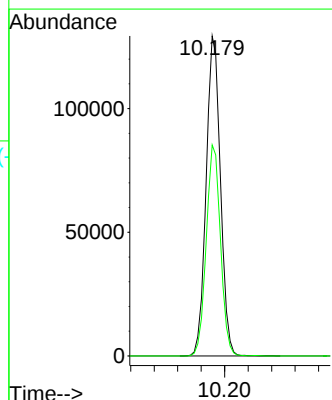
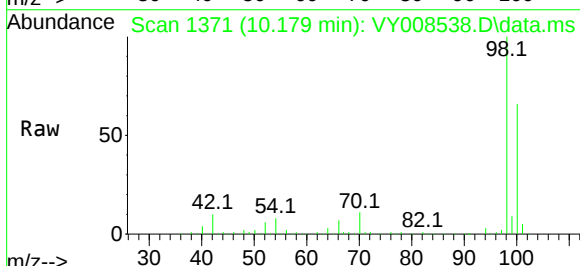
Acq: 28 Apr 2022 11:29

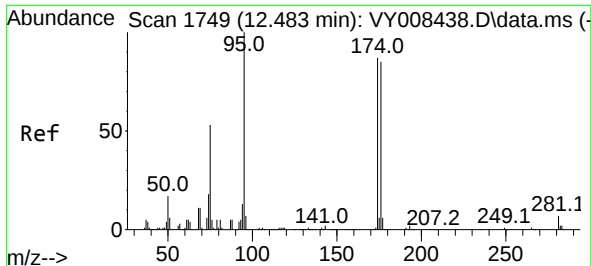
Tgt Ion: 98 Resp: 218660

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2

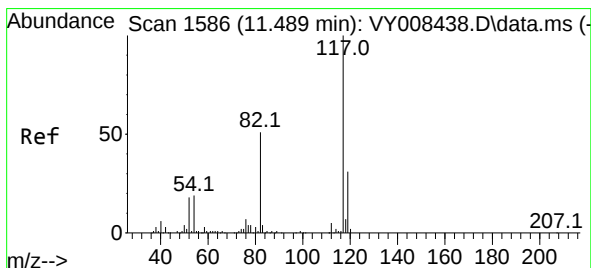
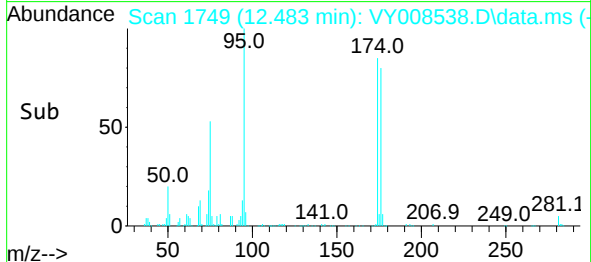
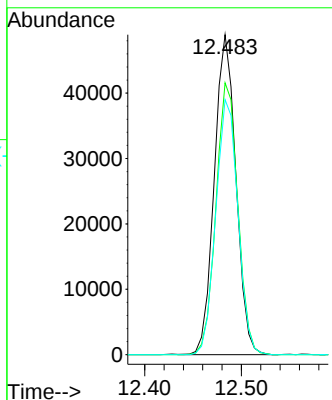
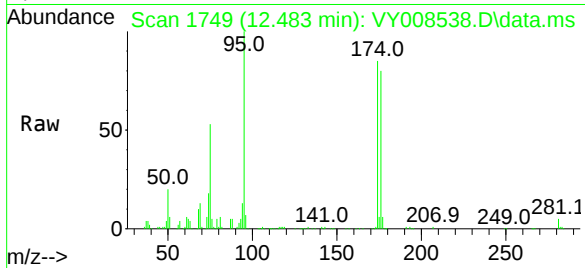




#62
4-Bromofluorobenzene
Concen: 48.556 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008538.D
Acq: 28 Apr 2022 11:29

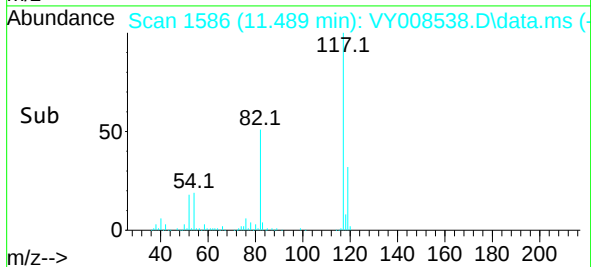
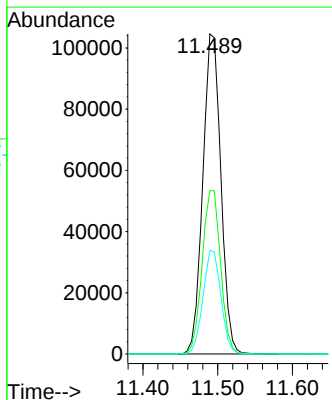
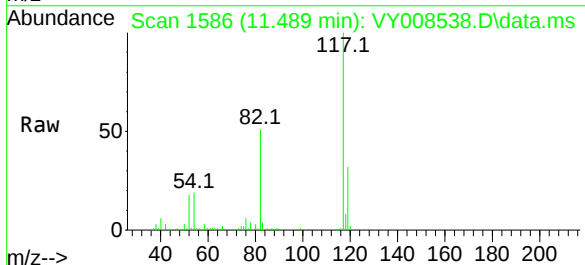
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01

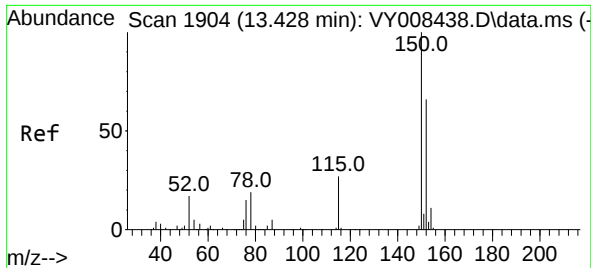
Tgt Ion: 95 Resp: 75817
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 81.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008538.D
Acq: 28 Apr 2022 11:29

Tgt Ion: 117 Resp: 175611
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.4 25.4 38.0

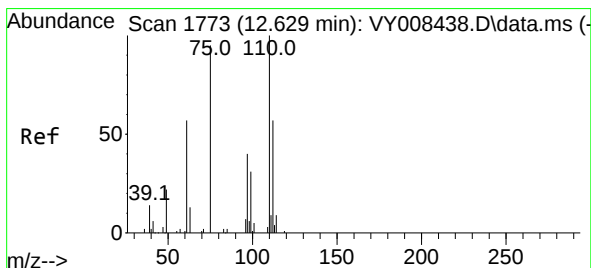
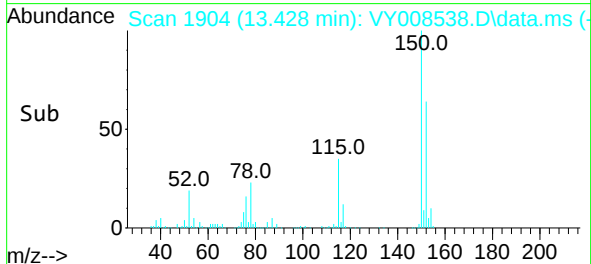
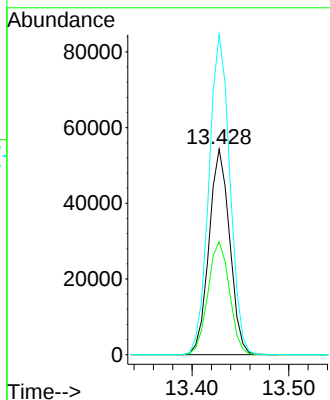
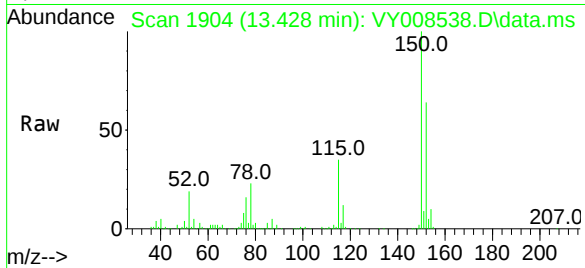




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008538.D
 Acq: 28 Apr 2022 11:29

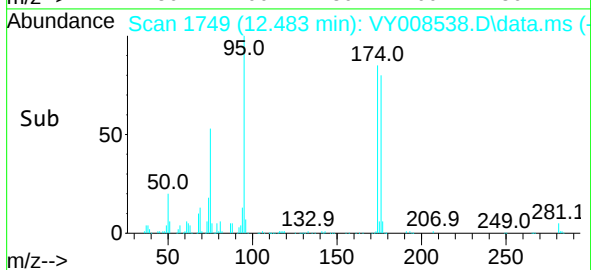
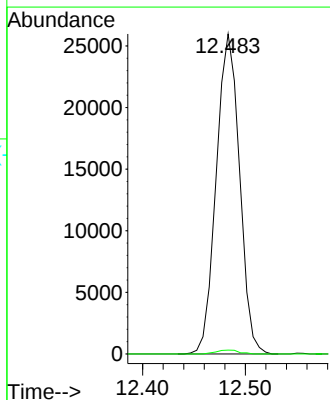
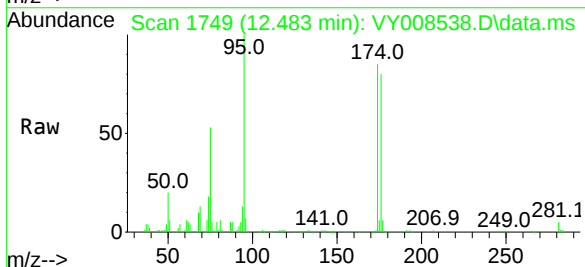
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBL01

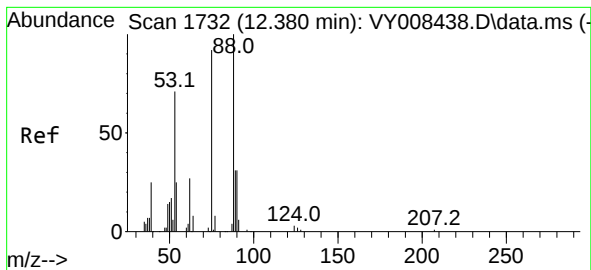
Tgt Ion:152 Resp: 80678
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 157.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.080 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008538.D
 Acq: 28 Apr 2022 11:29

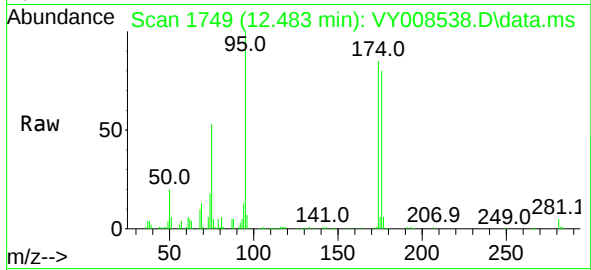
Tgt Ion: 75 Resp: 40804
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.662 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008538.D
 Acq: 28 Apr 2022 11:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBL01



Tgt Ion: 75 Resp: 40804
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

