

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008355.D
 Acq On : 15 Apr 2022 16:49
 Operator : KP/MD
 Sample : N2432-02
 Misc : 6.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4115

Quant Time: Apr 16 04:59:35 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)

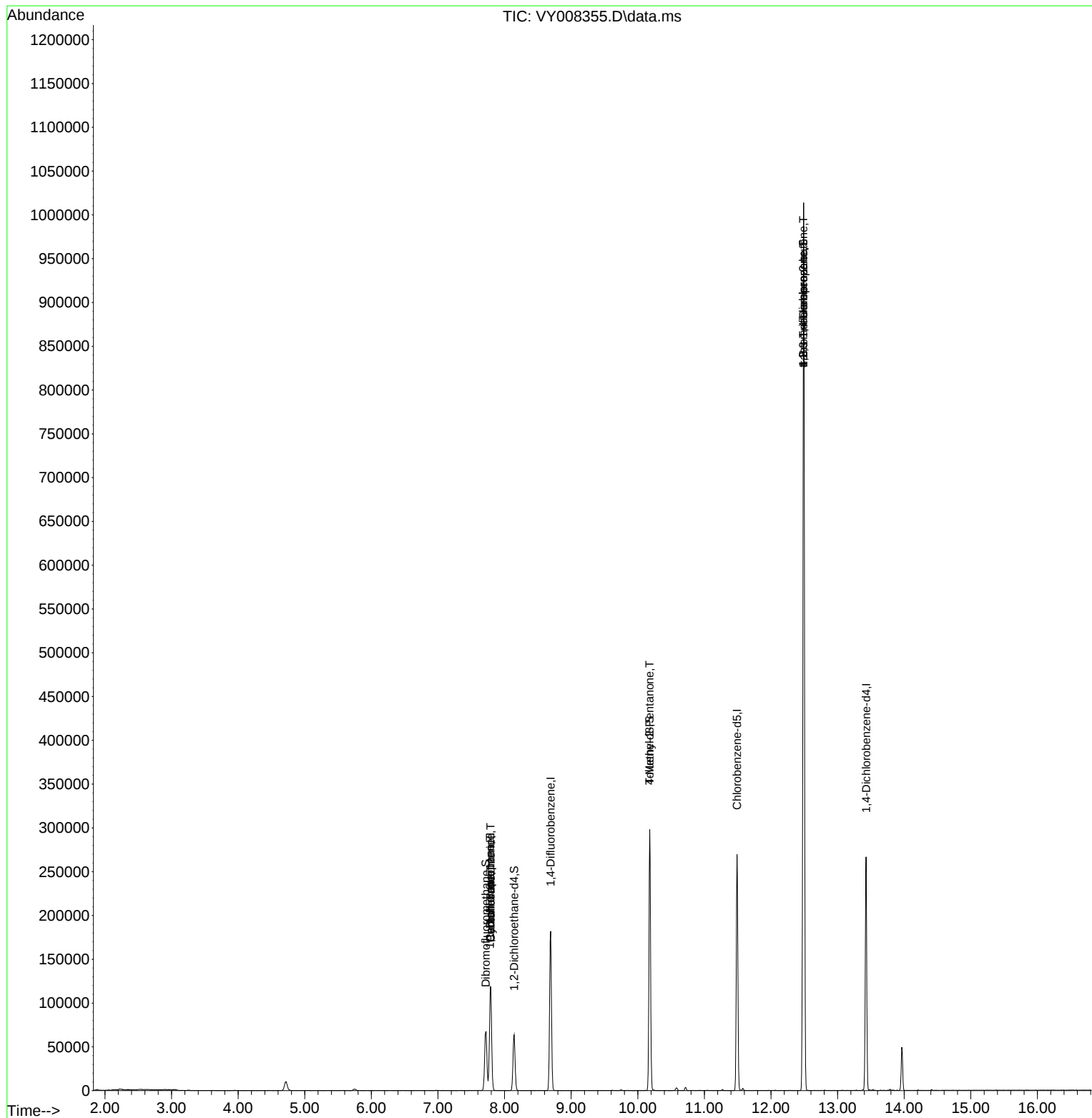
Internal Standards						
1) Pentafluorobenzene	7.789	168	94269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	162231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	150285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48730	55.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.060%	
35) Dibromofluoromethane	7.716	113	49019	52.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.620%	
50) Toluene-d8	10.179	98	195970	61.121	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.240%	
62) 4-Bromofluorobenzene	12.483	95	69078	57.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.560%	
Target Compounds						
3) Chloromethane	2.113	50	179	Below Cal	#	55
5) Bromomethane	2.656	94	164	Below Cal	#	62
18) Methyl Acetate	4.479	43	199	Below Cal	#	56
20) Methylene Chloride	4.723	84	8244	Below Cal	#	74
31) Cyclohexane	7.789	56	2030	1.268	ug/l #	35
36) 1,1-Dichloropropene	7.783	75	7224	4.828	ug/l #	52
38) Carbon Tetrachloride	7.789	117	9277	5.763	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	825	1.116	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	42529	57.849	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42529	129.435	ug/l #	10

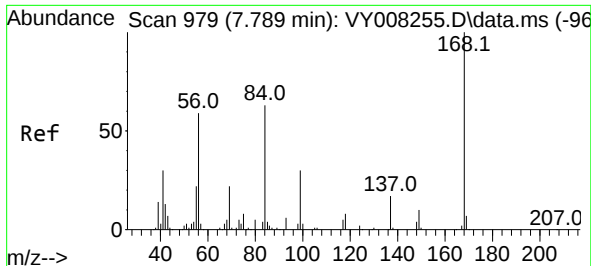
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
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Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

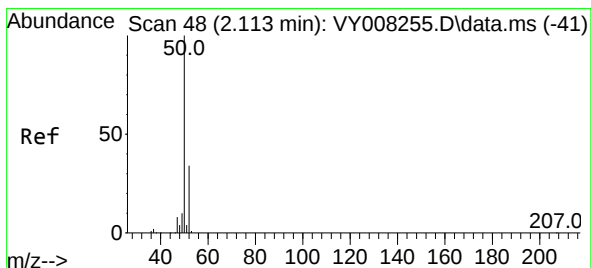
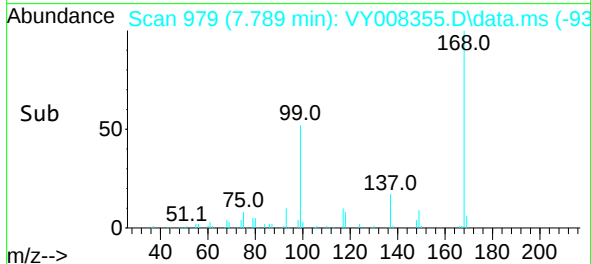
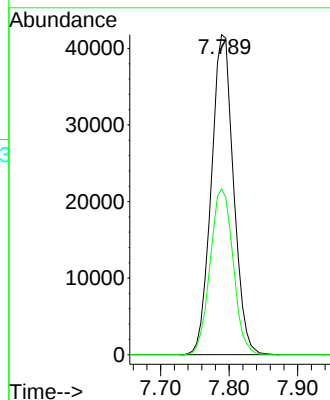
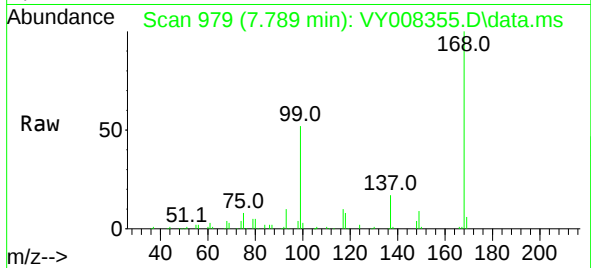




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008355.D
Acq: 15 Apr 2022 16:49

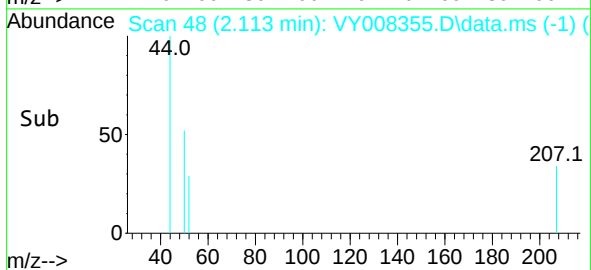
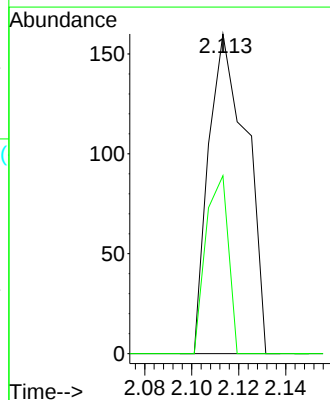
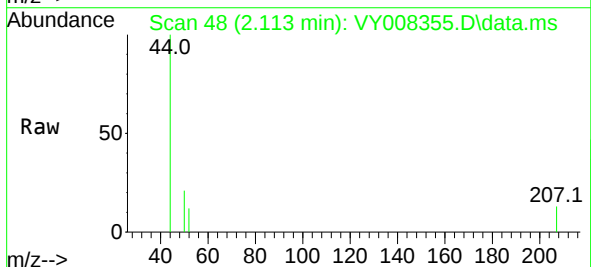
Instrument :
MSVOA_Y
ClientSampleId :
SB-4115

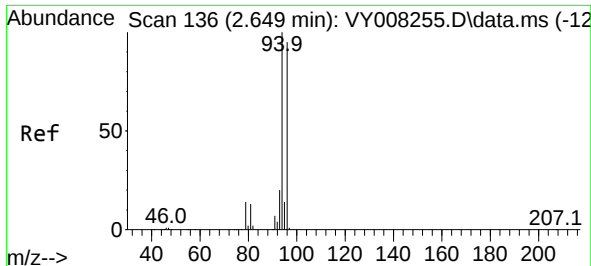
Tgt Ion:168 Resp: 94269
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008355.D
Acq: 15 Apr 2022 16:49

Tgt Ion: 50 Resp: 179
Ion Ratio Lower Upper
50 100
52 55.6 24.6 37.0#

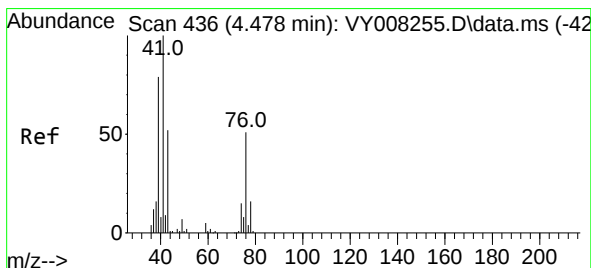
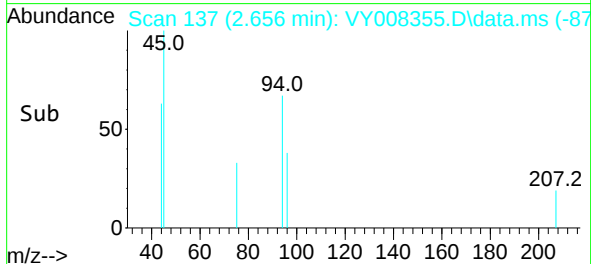
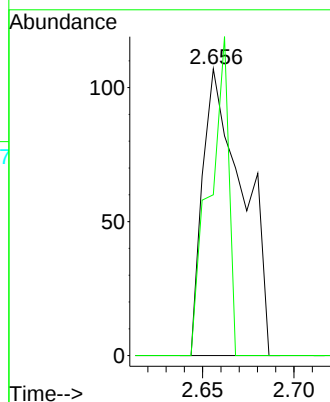
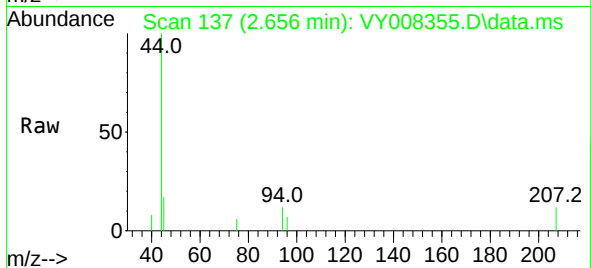




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008355.D
Acq: 15 Apr 2022 16:49

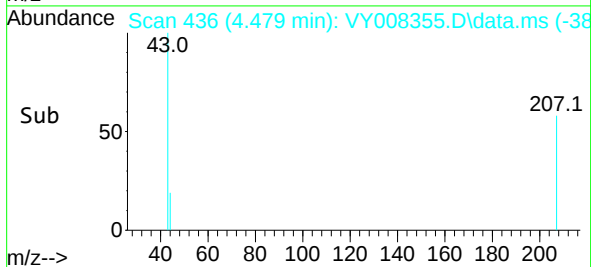
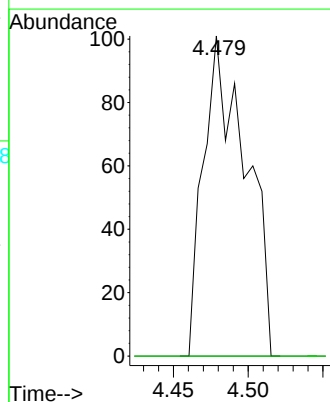
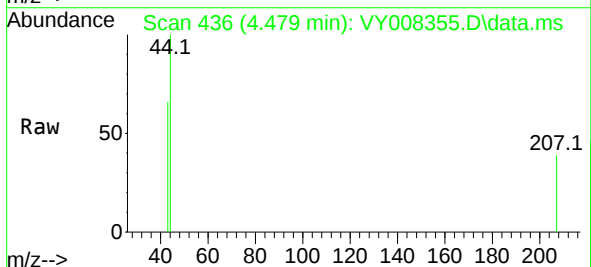
Instrument :
MSVOA_Y
ClientSampleId :
SB-4115

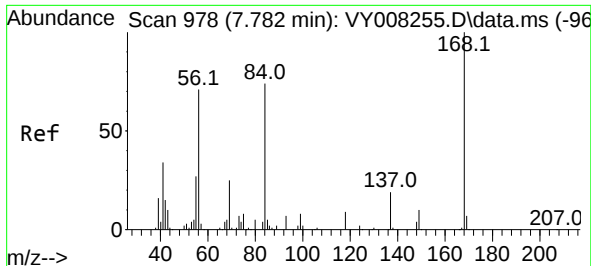
Tgt Ion: 94 Resp: 164
Ion Ratio Lower Upper
94 100
96 56.1 73.5 110.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY008355.D
Acq: 15 Apr 2022 16:49

Tgt Ion: 43 Resp: 199
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

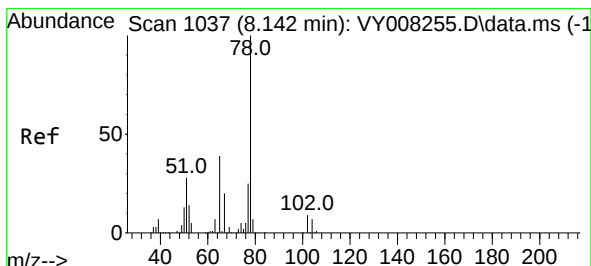
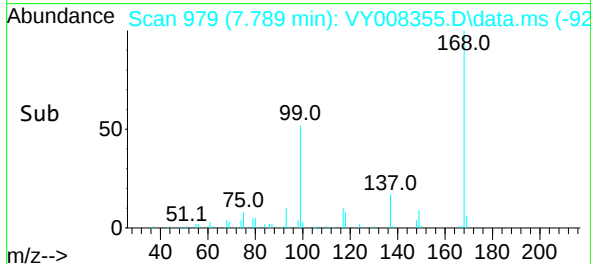
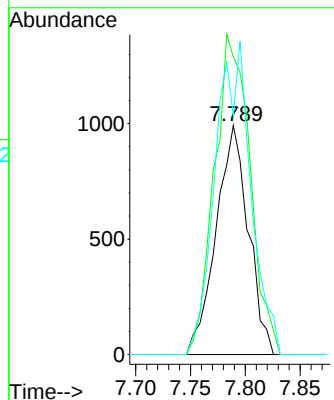
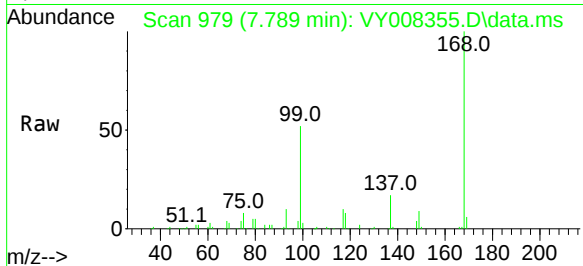




#31
Cyclohexane
Concen: 1.268 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008355.D
Acq: 15 Apr 2022 16:49

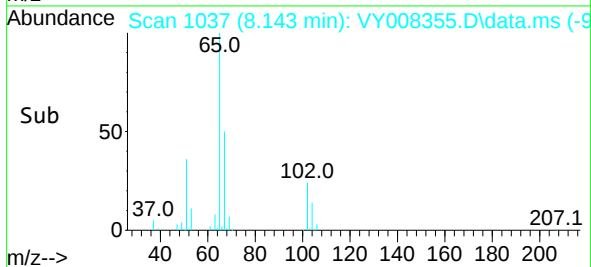
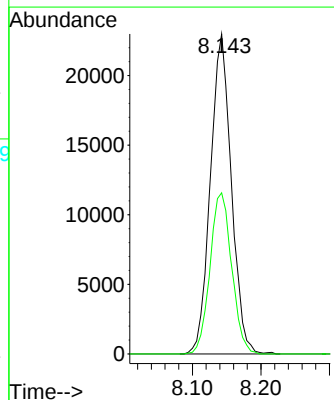
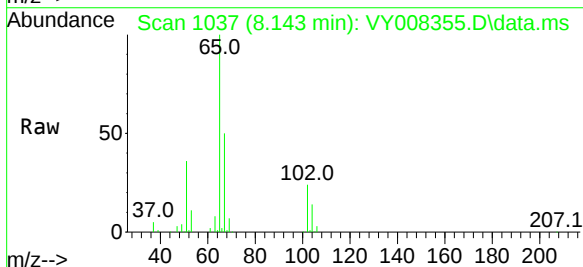
Instrument :
MSVOA_Y
ClientSampleId :
SB-4115

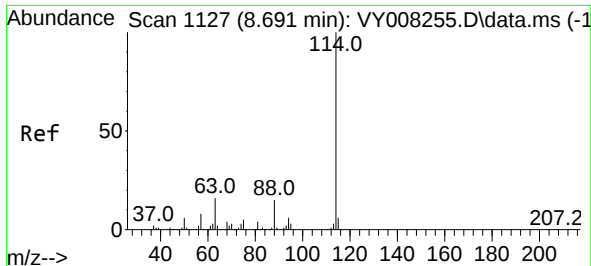
Tgt Ion: 56 Resp: 2030
Ion Ratio Lower Upper
56 100
69 130.0 26.7 40.1#
84 104.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.032 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008355.D
Acq: 15 Apr 2022 16:49

Tgt Ion: 65 Resp: 48730
Ion Ratio Lower Upper
65 100
67 52.1 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: VY008355.D

Acq: 15 Apr 2022 16:49

Instrument :

MSVOA_Y

ClientSampleId :

SB-4115

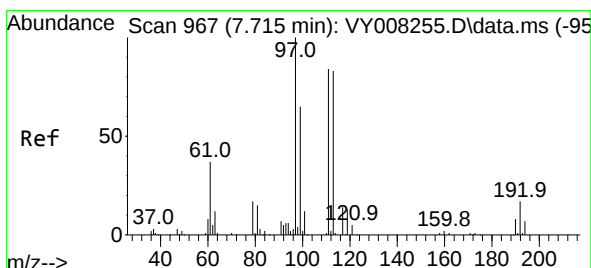
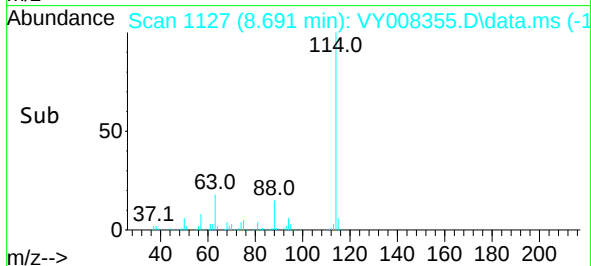
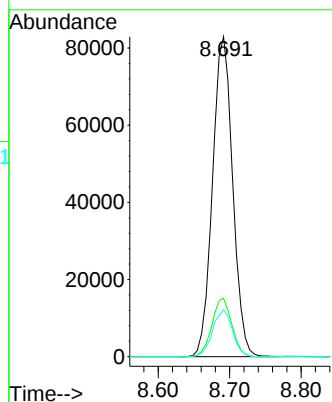
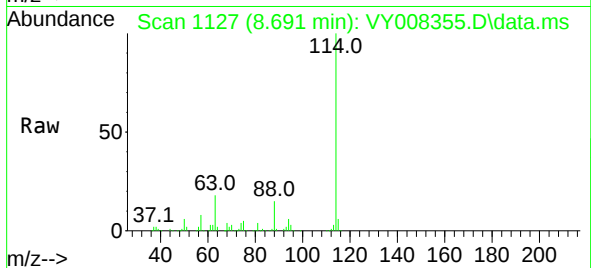
Tgt Ion:114 Resp: 162231

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.314 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008355.D

Acq: 15 Apr 2022 16:49

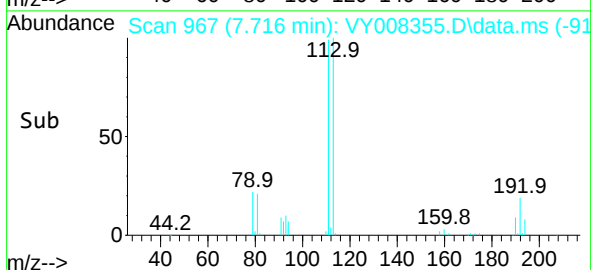
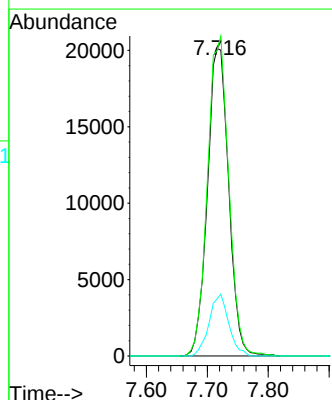
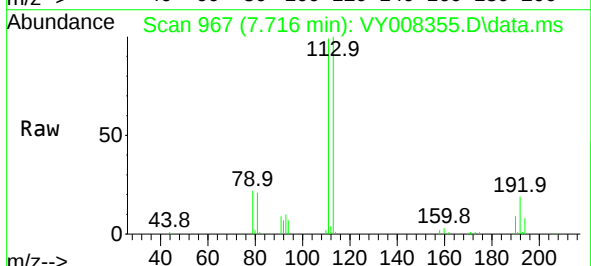
Tgt Ion:113 Resp: 49019

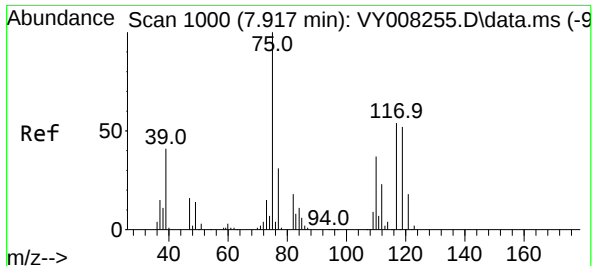
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 18.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.828 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008355.D

Acq: 15 Apr 2022 16:49

Instrument :

MSVOA_Y

ClientSampleId :

SB-4115

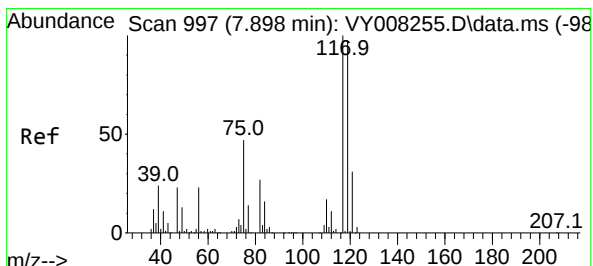
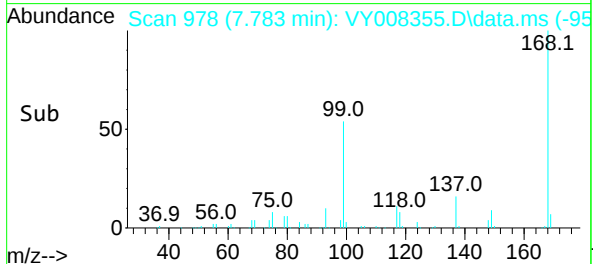
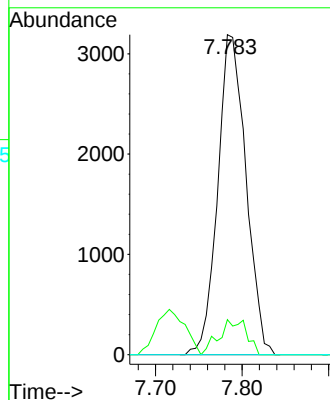
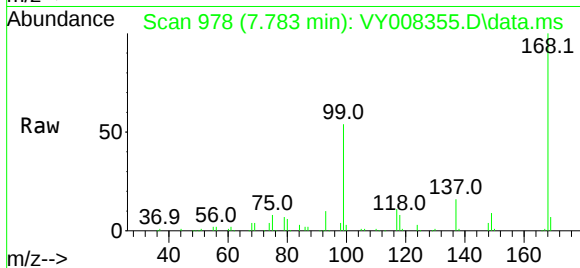
Tgt Ion: 75 Resp: 7224

Ion Ratio Lower Upper

75 100

110 10.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.763 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008355.D

Acq: 15 Apr 2022 16:49

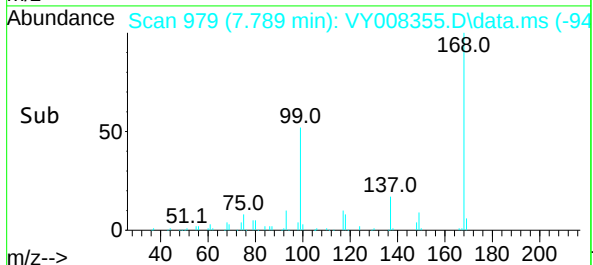
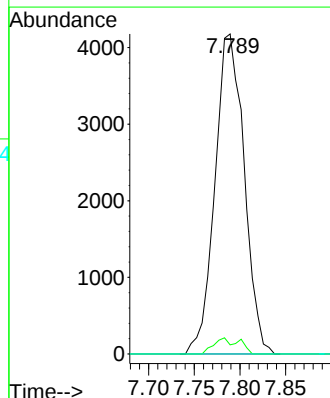
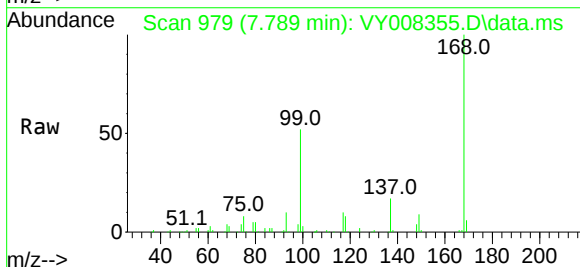
Tgt Ion: 117 Resp: 9277

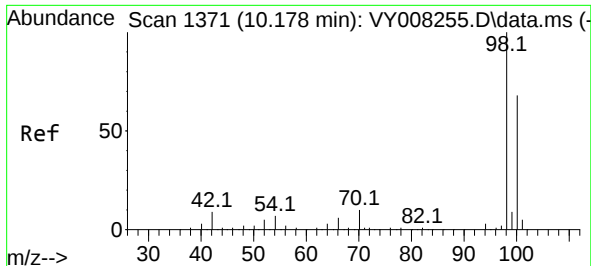
Ion Ratio Lower Upper

117 100

119 2.8 77.9 116.9#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 61.121 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008355.D

Acq: 15 Apr 2022 16:49

Instrument :

MSVOA_Y

ClientSampleId :

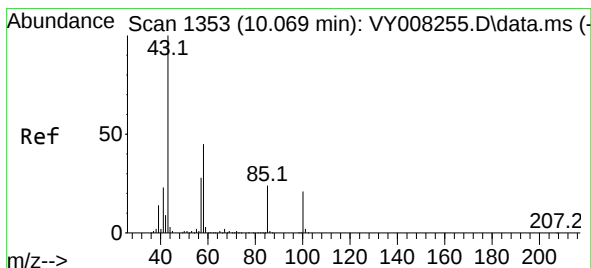
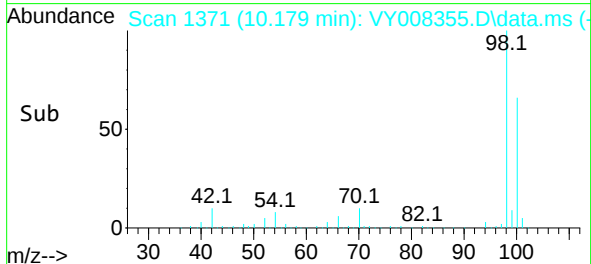
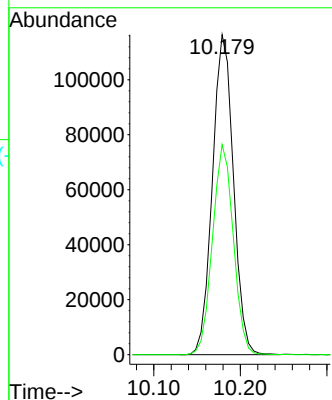
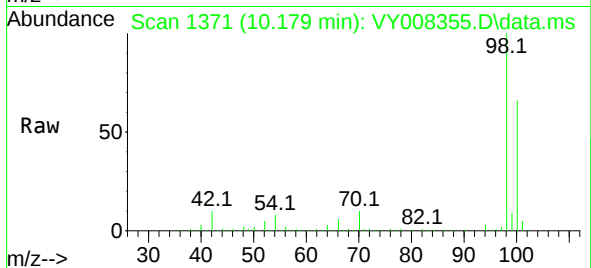
SB-4115

Tgt Ion: 98 Resp: 195970

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2



#51

4-Methyl-2-Pentanone

Concen: 1.116 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.110 min

Lab File: VY008355.D

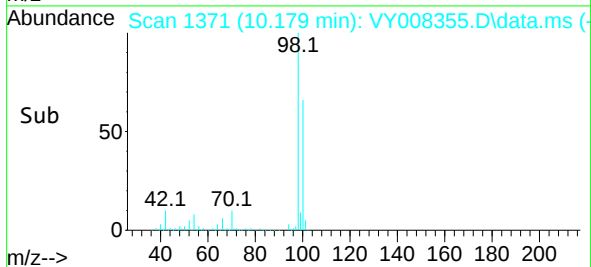
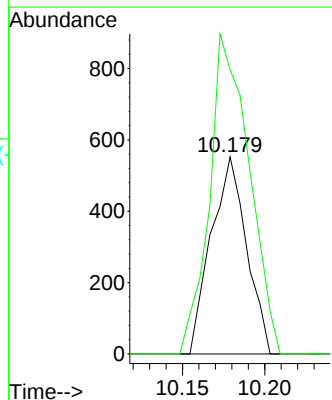
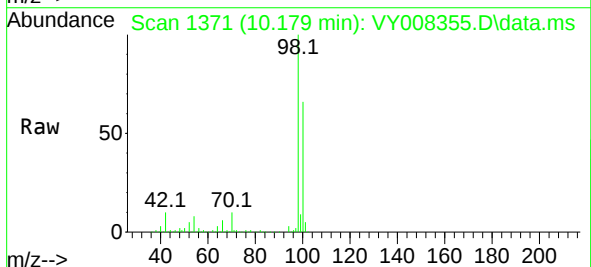
Acq: 15 Apr 2022 16:49

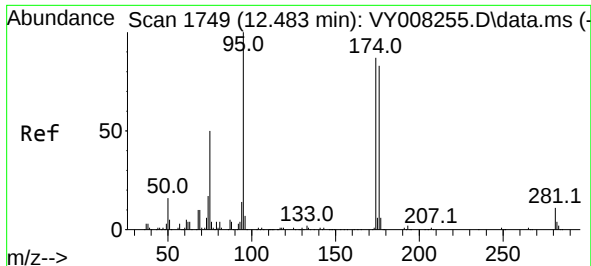
Tgt Ion: 43 Resp: 825

Ion Ratio Lower Upper

43 100

58 181.9 28.1 42.1#

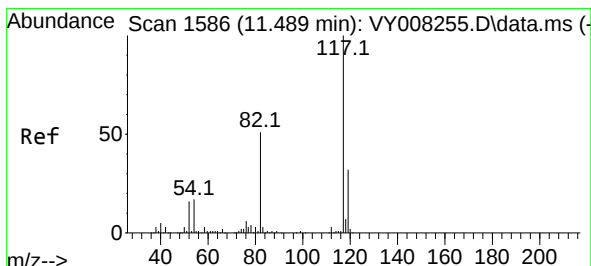
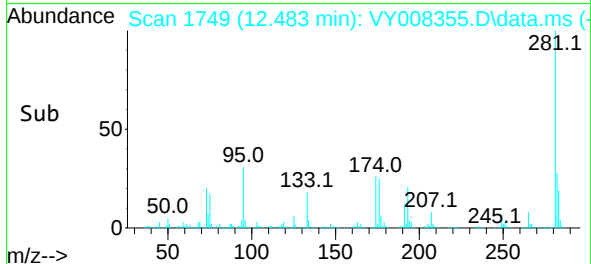
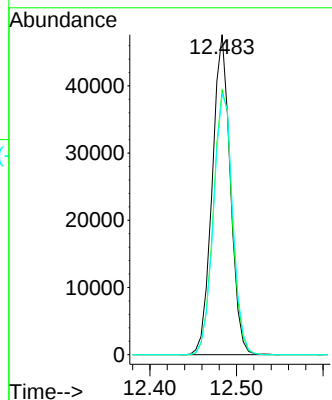
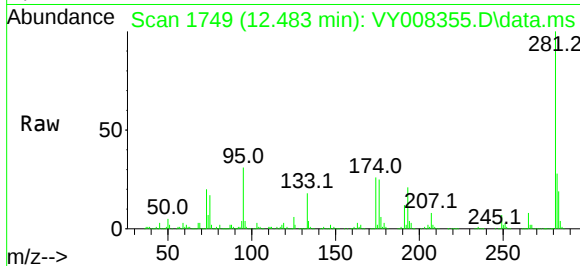




#62
4-Bromofluorobenzene
Concen: 57.280 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008355.D
Acq: 15 Apr 2022 16:49

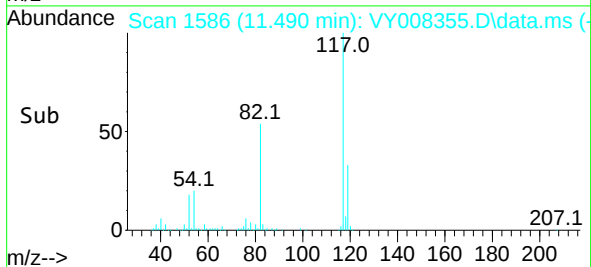
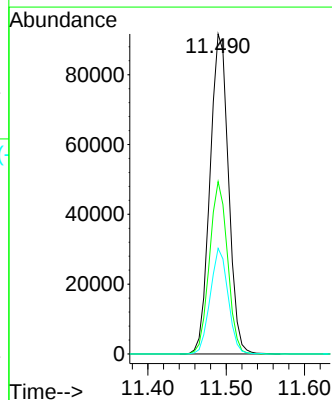
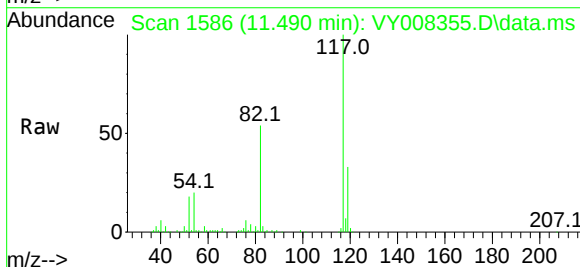
Instrument :
MSVOA_Y
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SB-4115

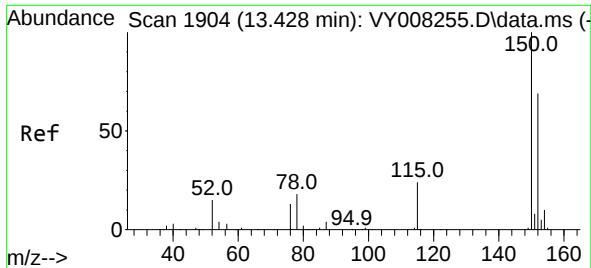
Tgt Ion: 95 Resp: 69078
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 86.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008355.D
Acq: 15 Apr 2022 16:49

Tgt Ion: 117 Resp: 150285
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 33.0 25.4 38.0

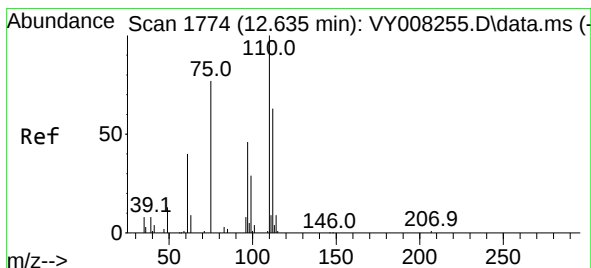
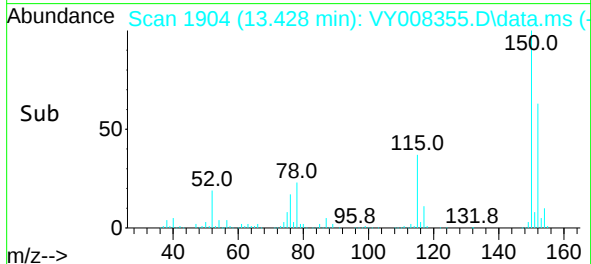
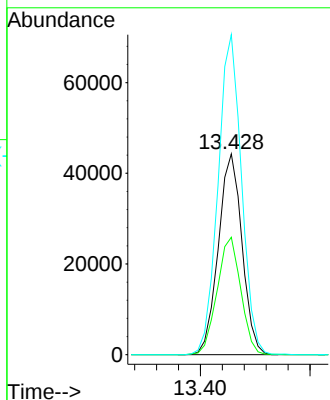
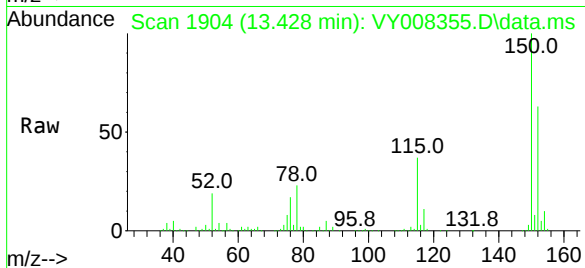




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008355.D
 Acq: 15 Apr 2022 16:49

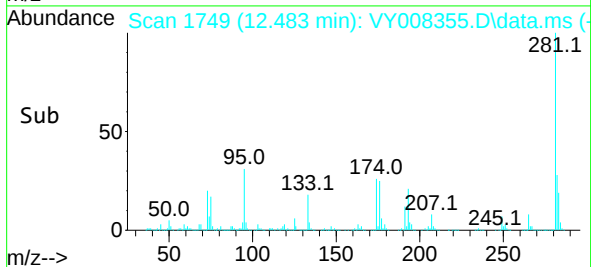
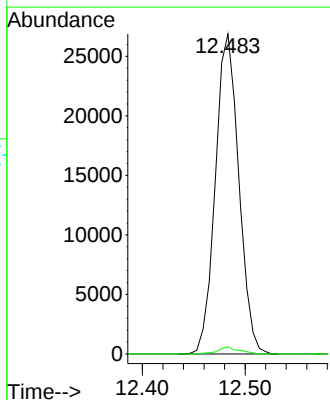
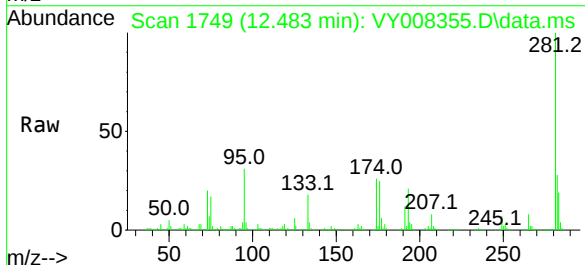
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4115

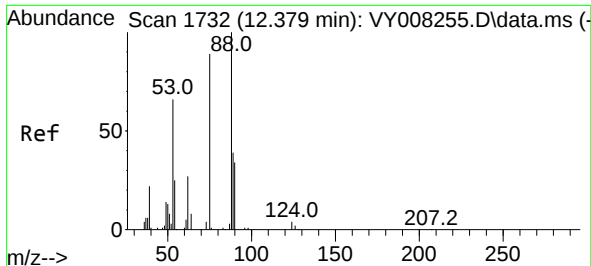
Tgt Ion:152 Resp: 66473
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.2 84.7
 150 158.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 57.849 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008355.D
 Acq: 15 Apr 2022 16:49

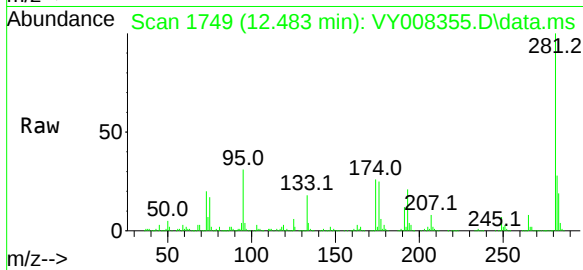
Tgt Ion: 75 Resp: 42529
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.435 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008355.D
 Acq: 15 Apr 2022 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4115



Tgt Ion: 75 Resp: 42529
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 5.9 37.0 55.4#

