

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007198.D
 Acq On : 17 Jan 2022 20:09
 Operator : SY/MD
 Sample : N1144-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-ETGI-352RE

Quant Time: Jan 18 03:11:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

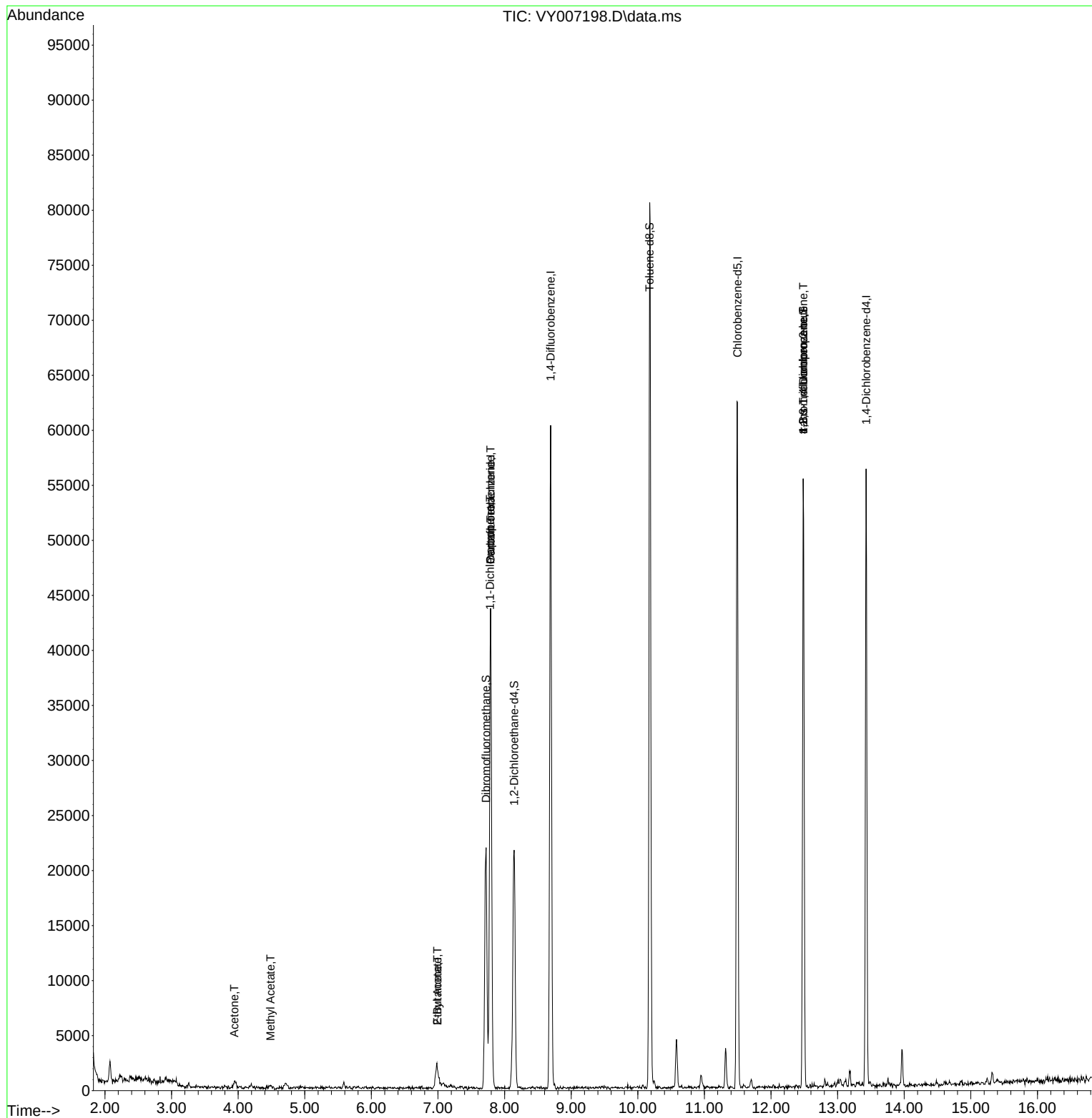
Internal Standards						
1) Pentafluorobenzene	7.789	168	31098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	48740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	33939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	17441	45.708	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.420%
35) Dibromofluoromethane	7.722	113	15604	47.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.700%
50) Toluene-d8	10.179	98	55131	45.781	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.560%
62) 4-Bromofluorobenzene	12.483	95	14937	34.870	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.740%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	49	Below Cal	#	73
16) Acetone	3.942	43	1273	12.855	ug/l	94
18) Methyl Acetate	4.485	43	627	1.779	ug/l #	49
25) 2-Butanone	6.990	43	607	4.741	ug/l #	89
36) 1,1-Dichloropropene	7.783	75	2765	5.253	ug/l #	50
37) Ethyl Acetate	6.990	43	607	2.247	ug/l #	76
38) Carbon Tetrachloride	7.789	117	3555	6.421	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	8313	56.506	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8313	103.447	ug/l #	3

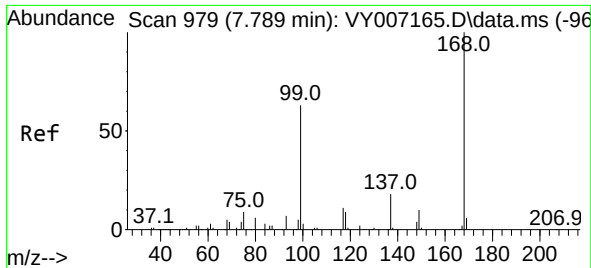
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007198.D
Acq On : 17 Jan 2022 20:09
Operator : SY/MD
Sample : N1144-02
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-ETGI-352RE

Quant Time: Jan 18 03:11:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

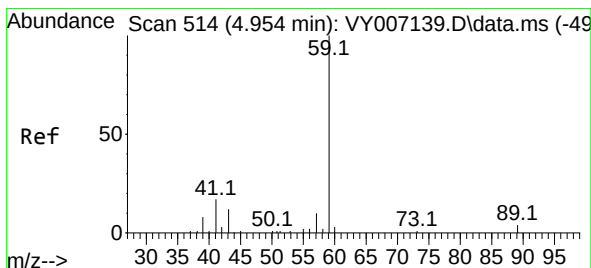
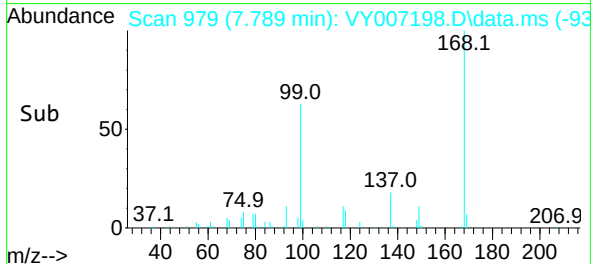
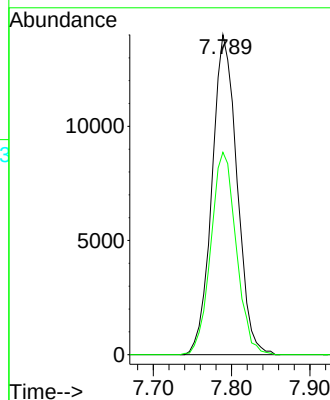
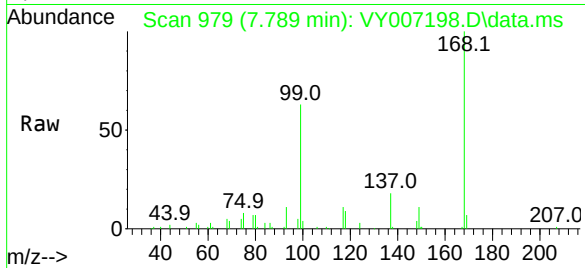




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007198.D
Acq: 17 Jan 2022 20:09

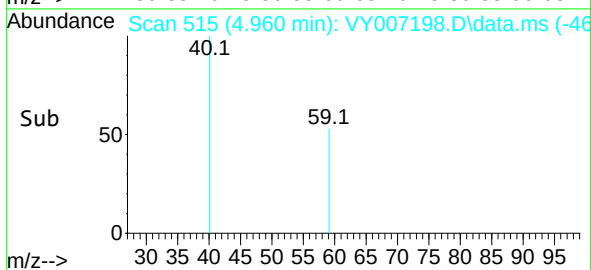
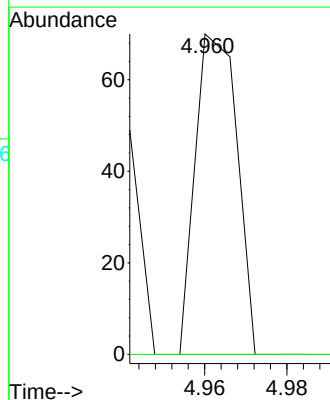
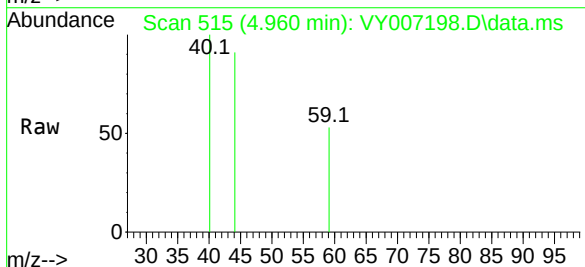
Instrument :
MSVOA_Y
ClientSampleId :
RO-ETGI-352RE

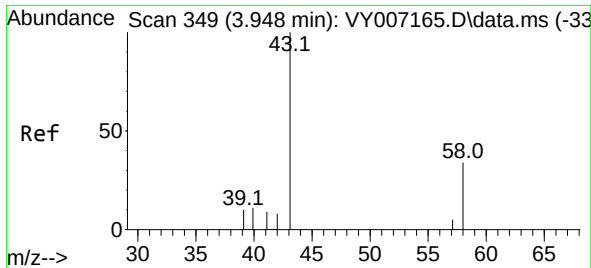
Tgt Ion:168 Resp: 31098
Ion Ratio Lower Upper
168 100
99 63.2 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY007198.D
Acq: 17 Jan 2022 20:09

Tgt Ion: 59 Resp: 49
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 12.855 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY007198.D

Acq: 17 Jan 2022 20:09

Instrument :

MSVOA_Y

ClientSampleId :

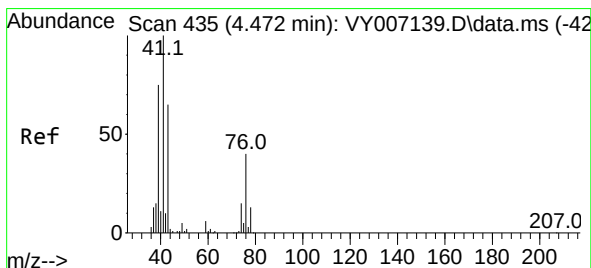
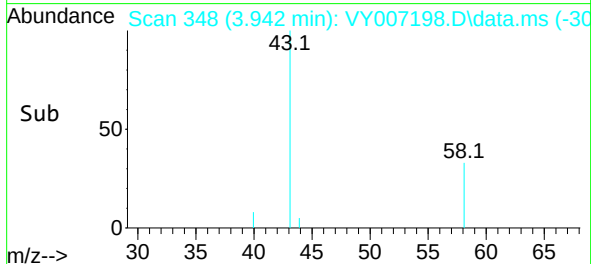
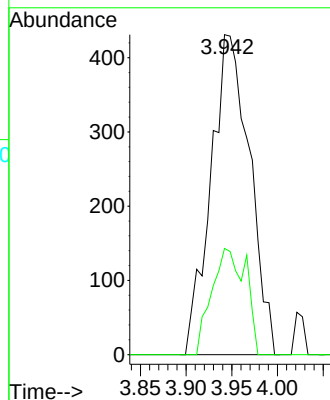
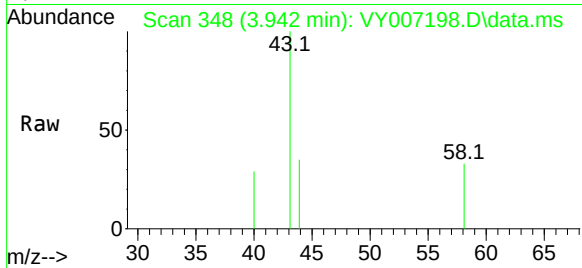
RO-ETGI-352RE

Tgt Ion: 43 Resp: 1273

Ion Ratio Lower Upper

43 100

58 33.2 23.8 35.6



#18

Methyl Acetate

Concen: 1.779 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.012 min

Lab File: VY007198.D

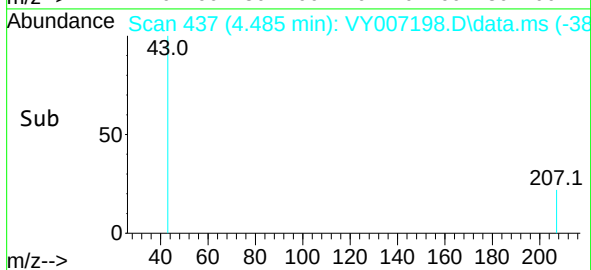
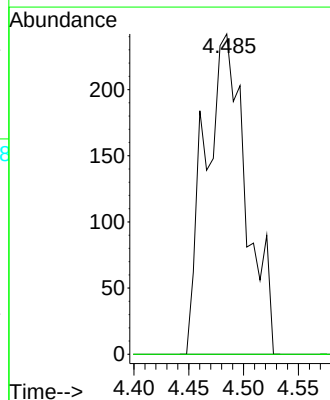
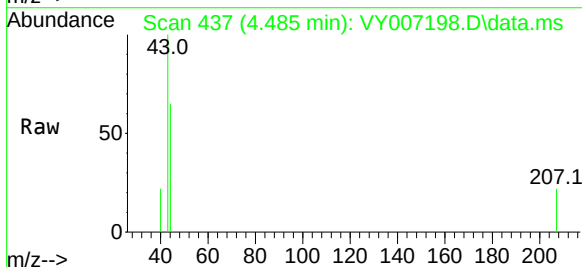
Acq: 17 Jan 2022 20:09

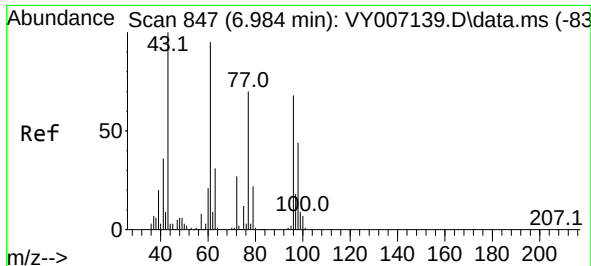
Tgt Ion: 43 Resp: 627

Ion Ratio Lower Upper

43 100

74 0.0 20.9 31.3#





#25

2-Butanone

Concen: 4.741 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY007198.D

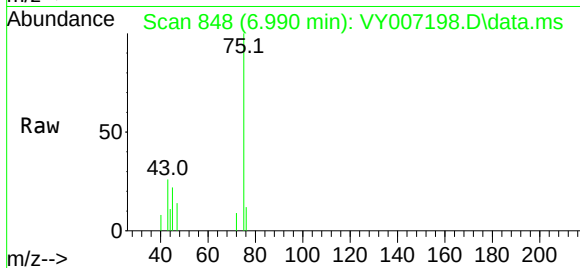
Acq: 17 Jan 2022 20:09

Instrument :

MSVOA_Y

ClientSampleId :

RO-ETGI-352RE

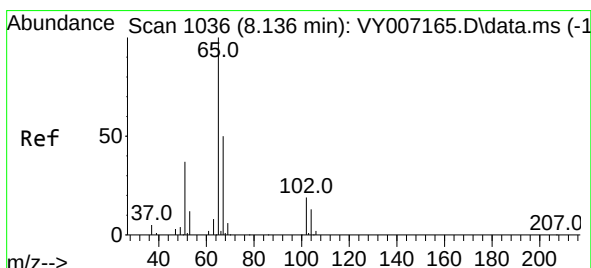
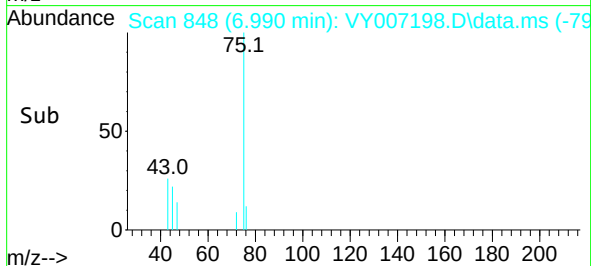
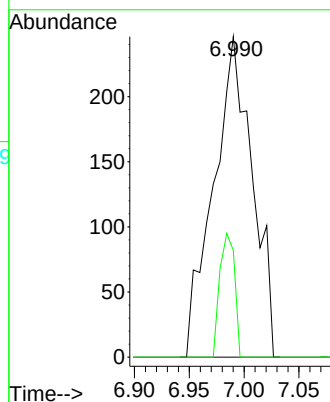


Tgt Ion: 43 Resp: 607

Ion Ratio Lower Upper

43 100

72 33.3 21.9 32.9#



#33

1,2-Dichloroethane-d4

Concen: 45.708 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007198.D

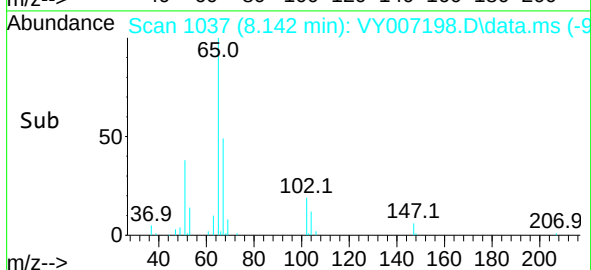
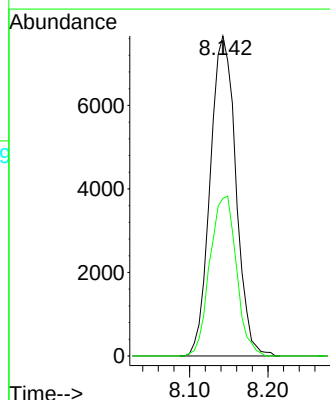
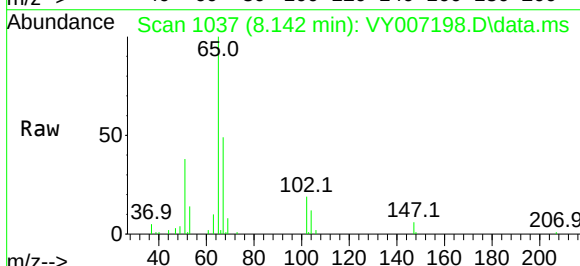
Acq: 17 Jan 2022 20:09

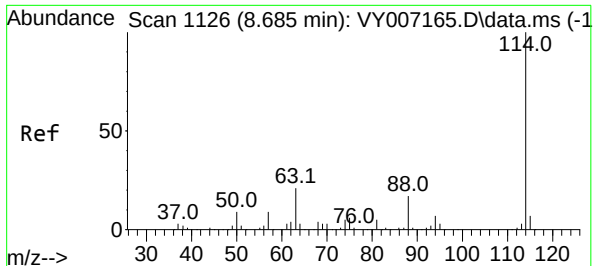
Tgt Ion: 65 Resp: 17441

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.6

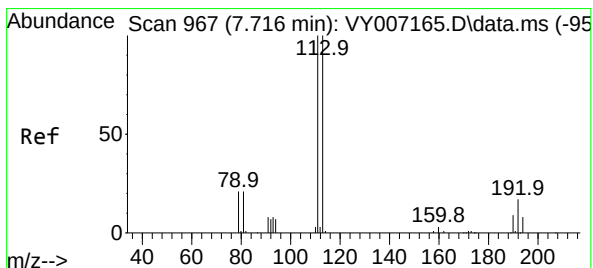
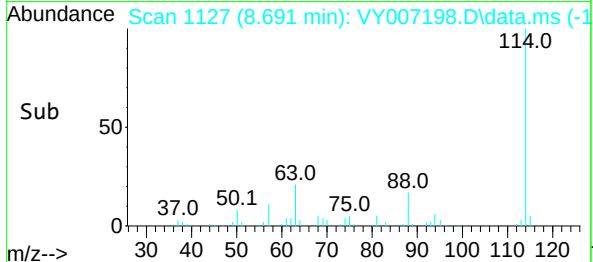
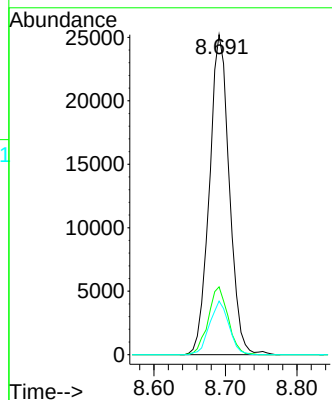
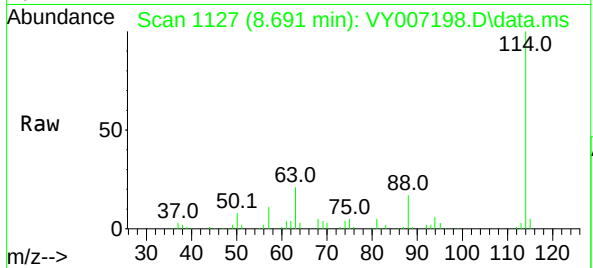




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007198.D
Acq: 17 Jan 2022 20:09

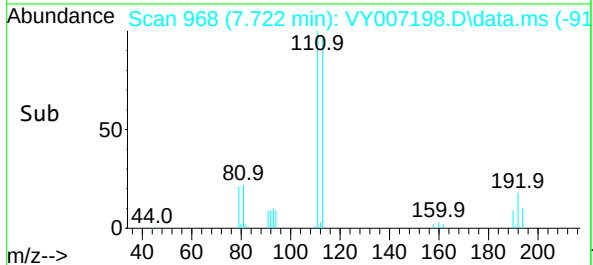
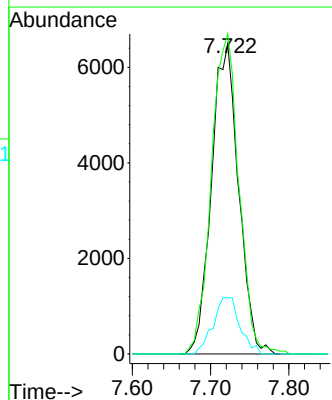
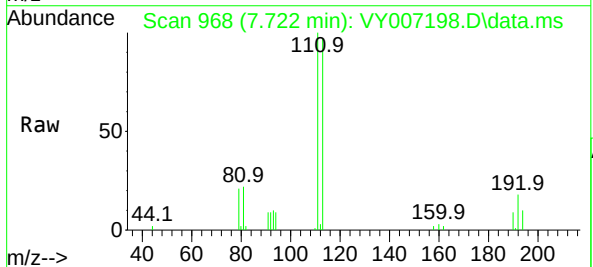
Instrument :
MSVOA_Y
ClientSampleId :
RO-ETGI-352RE

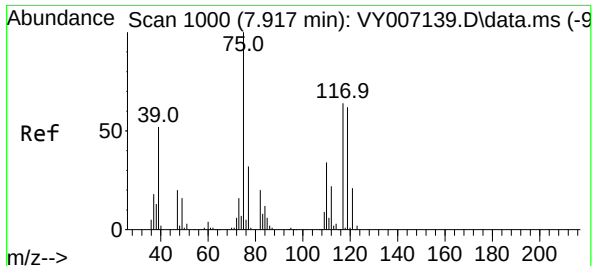
Tgt Ion:114 Resp: 48740
Ion Ratio Lower Upper
114 100
63 21.2 0.0 39.2
88 16.7 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.346 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007198.D
Acq: 17 Jan 2022 20:09

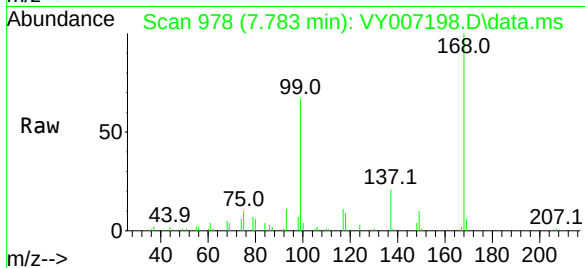
Tgt Ion:113 Resp: 15604
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.4
192 18.0 14.2 21.4



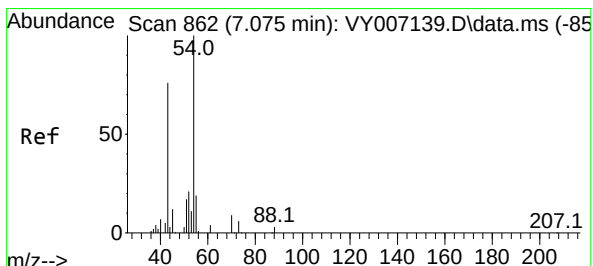
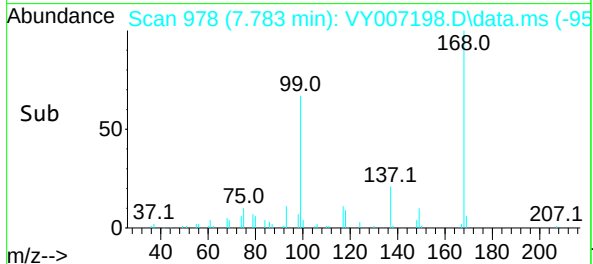
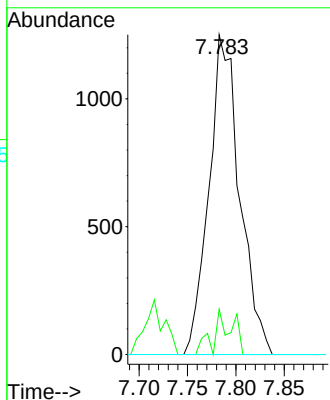


#36
1,1-Dichloropropene
Concen: 5.253 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007198.D
Acq: 17 Jan 2022 20:09

Instrument :
MSVOA_Y
ClientSampleId :
RO-ETGI-352RE

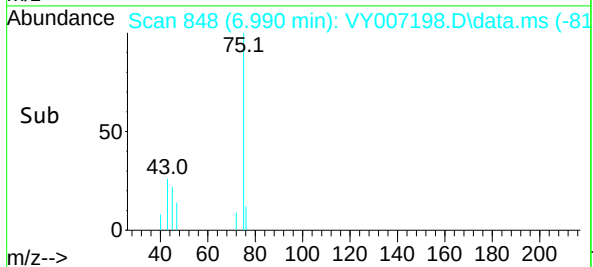
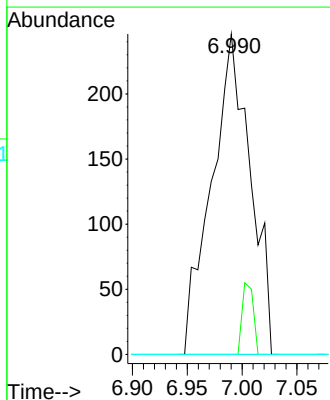
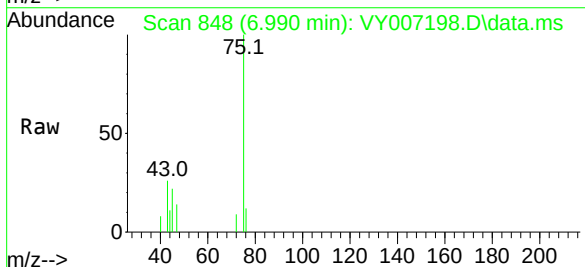


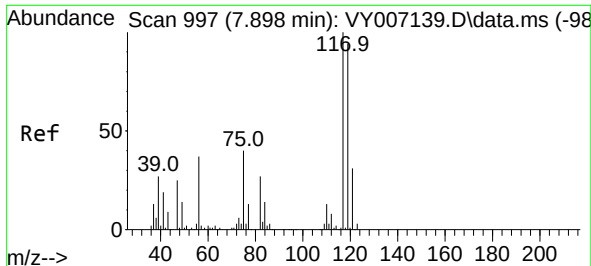
Tgt Ion: 75 Resp: 2765
Ion Ratio Lower Upper
75 100
110 8.5 17.3 51.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 2.247 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.085 min
Lab File: VY007198.D
Acq: 17 Jan 2022 20:09

Tgt Ion: 43 Resp: 607
Ion Ratio Lower Upper
43 100
61 6.3 11.8 17.8#
70 0.0 9.0 13.4#

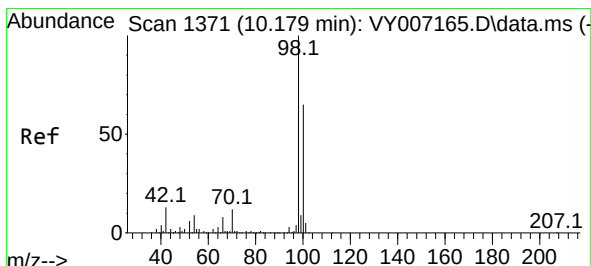
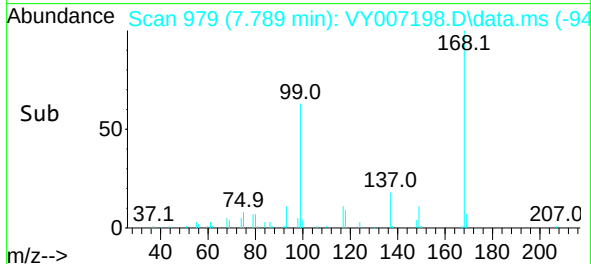
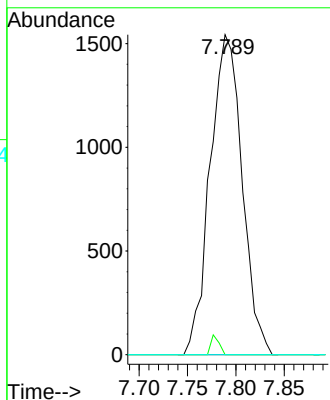
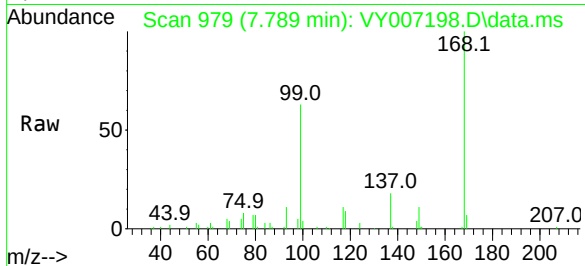




#38
Carbon Tetrachloride
Concen: 6.421 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007198.D
Acq: 17 Jan 2022 20:09

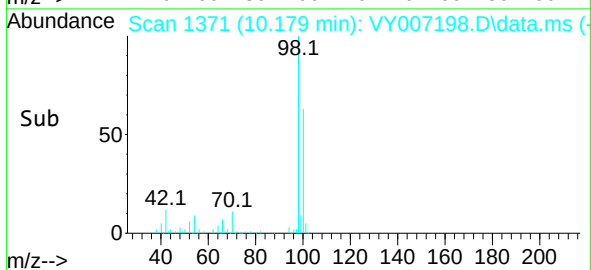
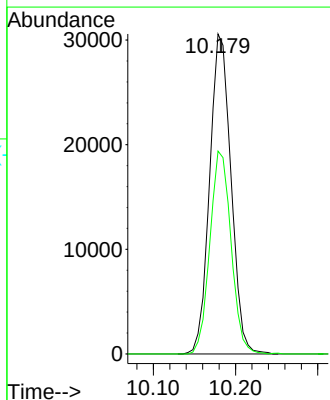
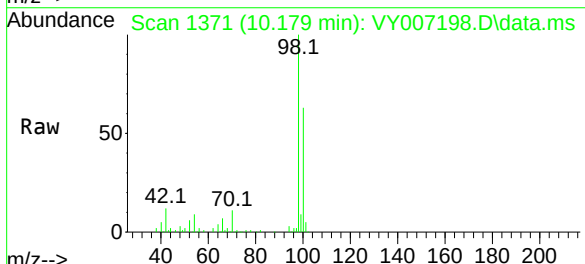
Instrument :
MSVOA_Y
ClientSampleId :
RO-ETGI-352RE

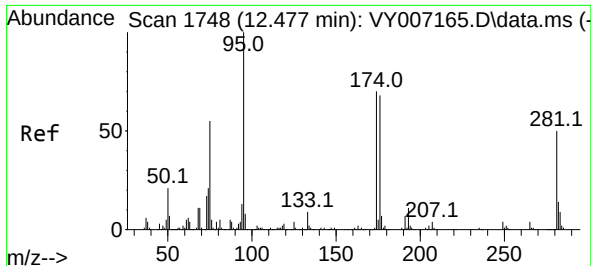
Tgt Ion:117 Resp: 3555
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 45.781 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007198.D
Acq: 17 Jan 2022 20:09

Tgt Ion: 98 Resp: 55131
Ion Ratio Lower Upper
98 100
100 62.9 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 34.870 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007198.D

Acq: 17 Jan 2022 20:09

Instrument :

MSVOA_Y

ClientSampleId :

RO-ETGI-352RE

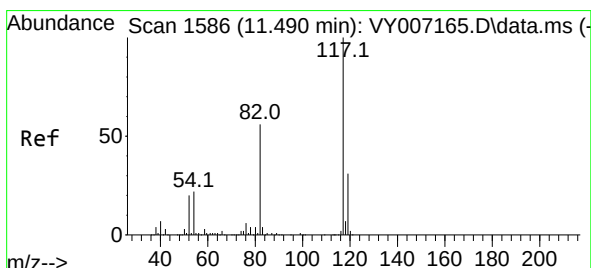
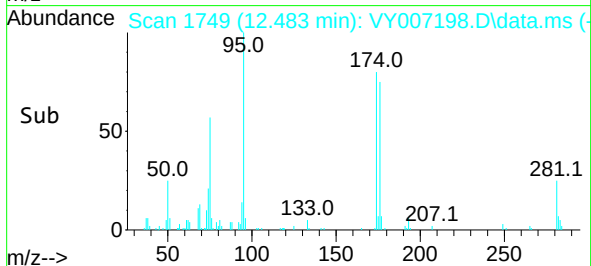
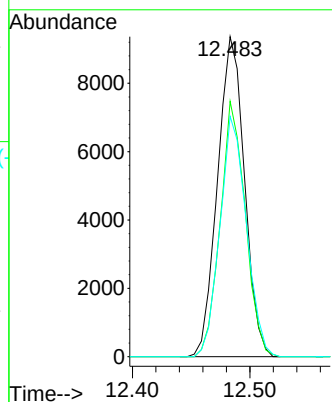
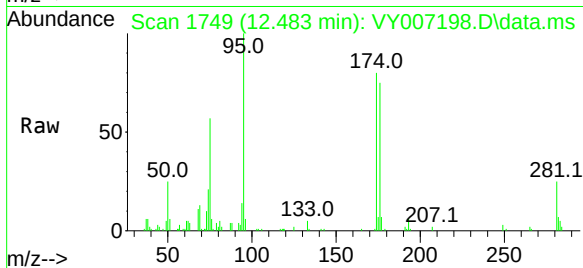
Tgt Ion: 95 Resp: 14937

Ion Ratio Lower Upper

95 100

174 74.1 0.0 148.4

176 73.6 0.0 146.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VY007198.D

Acq: 17 Jan 2022 20:09

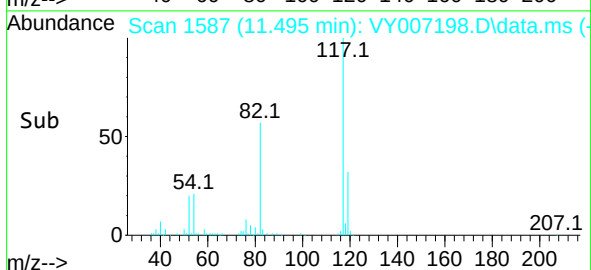
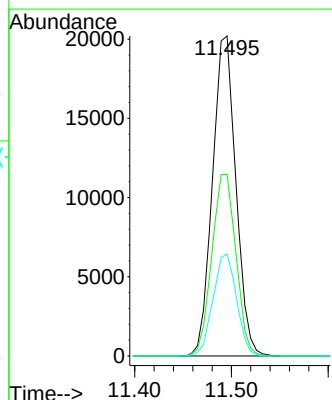
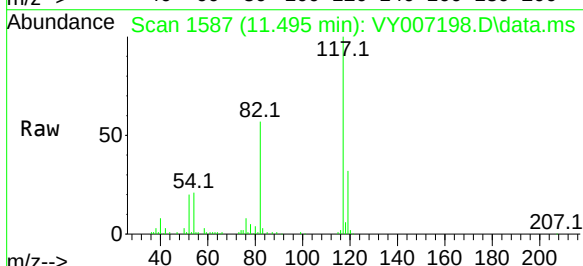
Tgt Ion: 117 Resp: 33939

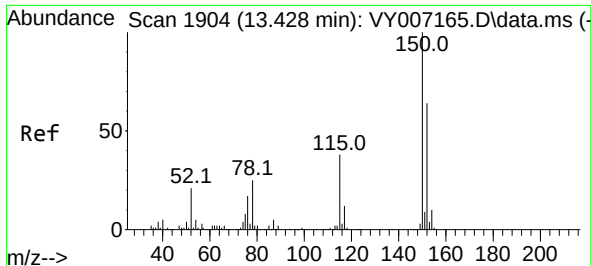
Ion Ratio Lower Upper

117 100

82 56.7 45.4 68.0

119 31.9 26.4 39.6

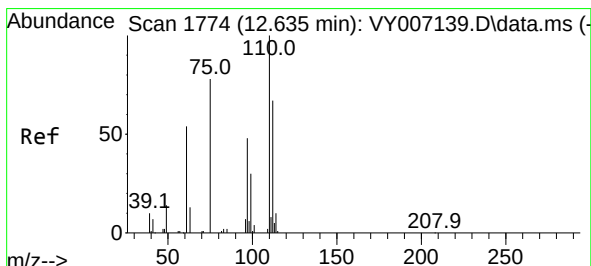
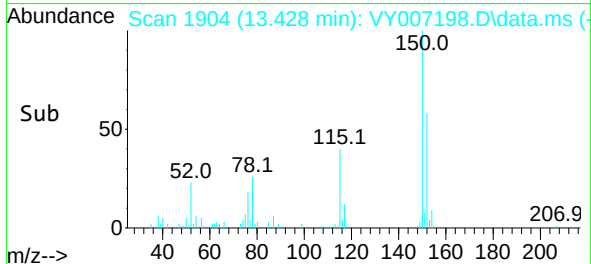
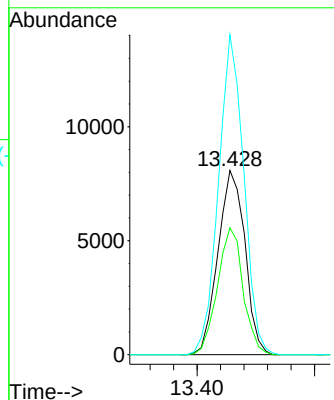
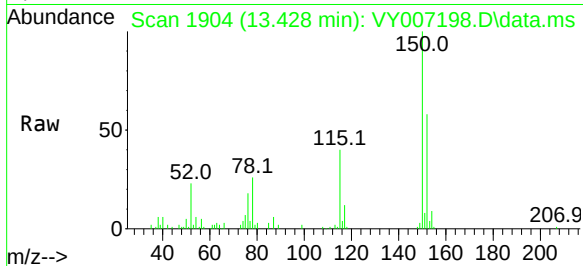




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007198.D
 Acq: 17 Jan 2022 20:09

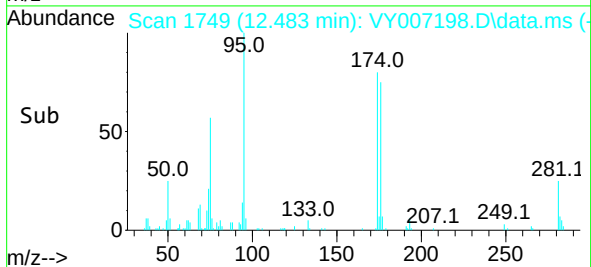
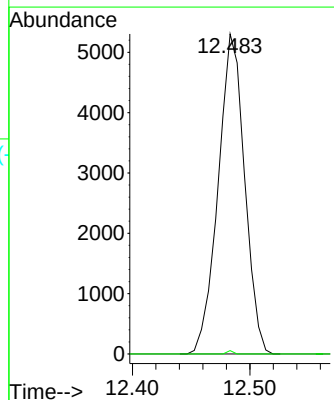
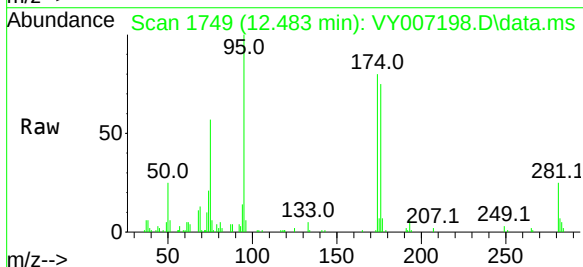
Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-ETGI-352RE

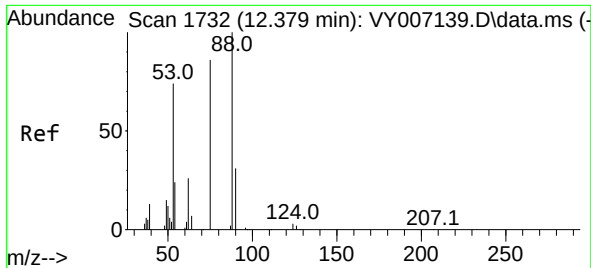
Tgt Ion:152 Resp: 12902
 Ion Ratio Lower Upper
 152 100
 115 65.3 31.4 94.0
 150 162.8 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 56.506 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007198.D
 Acq: 17 Jan 2022 20:09

Tgt Ion: 75 Resp: 8313
 Ion Ratio Lower Upper
 75 100
 77 0.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.447 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007198.D
 Acq: 17 Jan 2022 20:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-ETGI-352RE

Tgt Ion: 75 Resp: 8313
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 0.0 0.0

