

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008667.D
 Acq On : 09 May 2022 17:50
 Operator : KP/MD
 Sample : N2619-17RE
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS08-1-2-FTRE

Quant Time: May 10 03:24:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

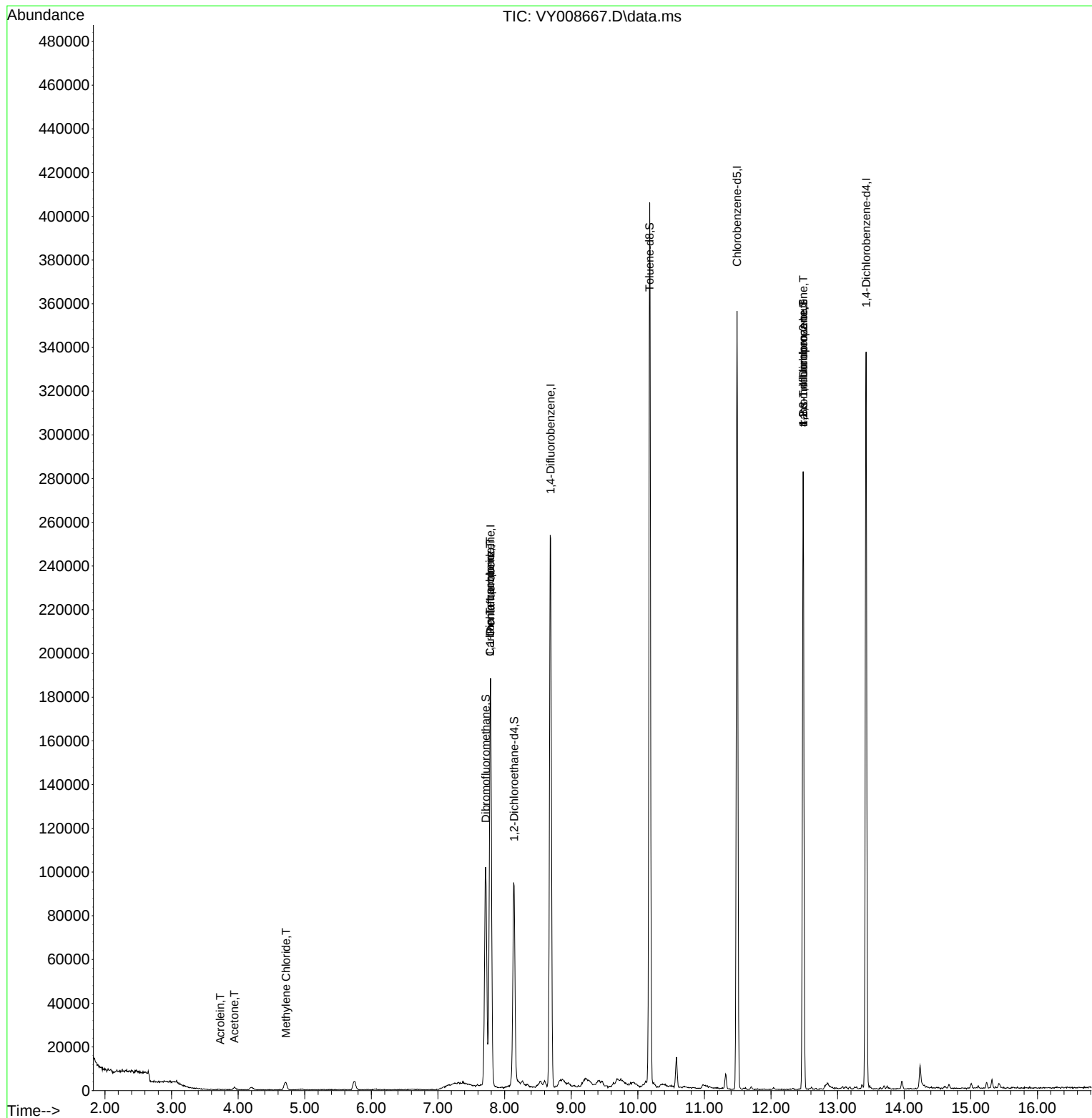
Internal Standards						
1) Pentafluorobenzene	7.789	168	158572	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	242082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69371	51.056	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	102.120%	
35) Dibromofluoromethane	7.716	113	72678	48.718	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	97.440%	
50) Toluene-d8	10.179	98	275409	52.388	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	104.780%	
62) 4-Bromofluorobenzene	12.483	95	82428	43.582	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	87.160%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.942	59	545	Below Cal	#	77
13) Acrolein	3.729	56	191	1.424	ug/l #	14
16) Acetone	3.942	43	2039	6.361	ug/l	99
18) Methyl Acetate	4.466	43	87	Below Cal	#	56
20) Methylene Chloride	4.716	84	3103	1.594	ug/l #	65
36) 1,1-Dichloropropene	7.783	75	10051	4.193	ug/l #	50
38) Carbon Tetrachloride	7.783	117	14258	5.881	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	39969	38.333	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39969	76.266	ug/l #	7

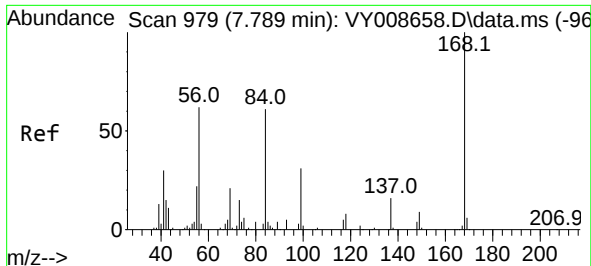
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

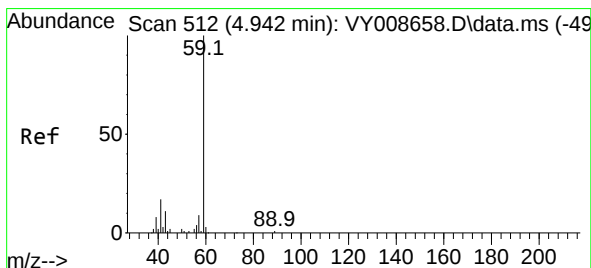
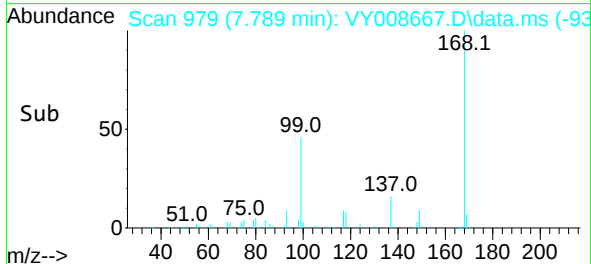
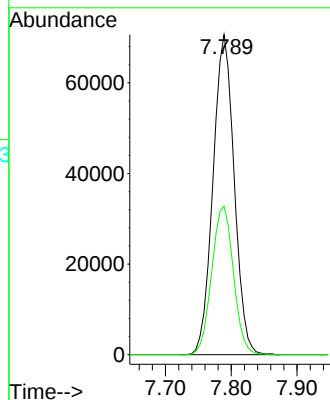
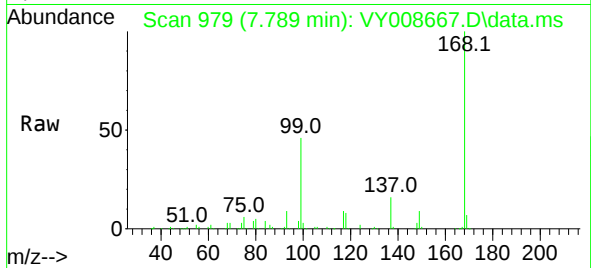




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008667.D
Acq: 09 May 2022 17:50

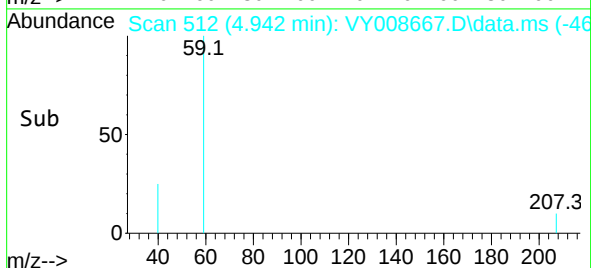
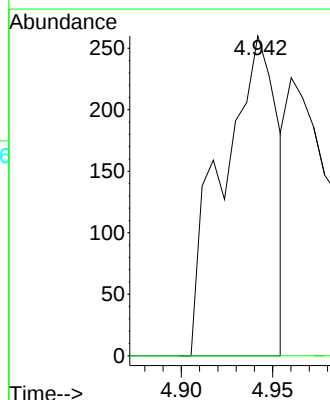
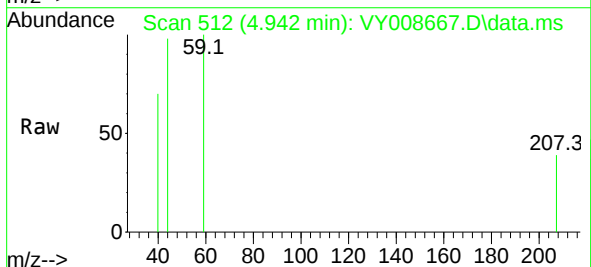
Instrument :
MSVOA_Y
ClientSampleId :
SS08-1-2-FTRE

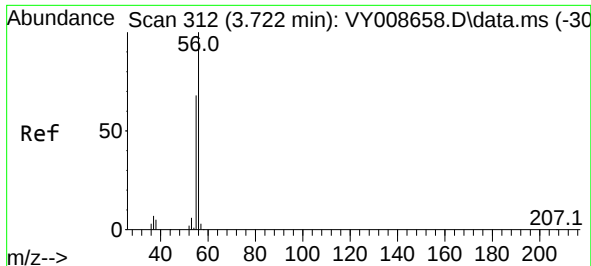
Tgt Ion:168 Resp: 158572
Ion Ratio Lower Upper
168 100
99 46.4 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY008667.D
Acq: 09 May 2022 17:50

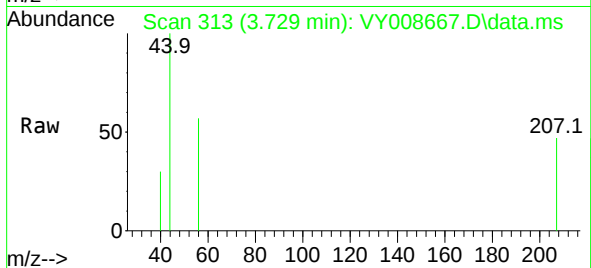
Tgt Ion: 59 Resp: 545
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



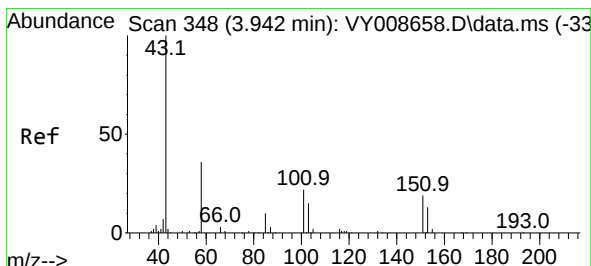
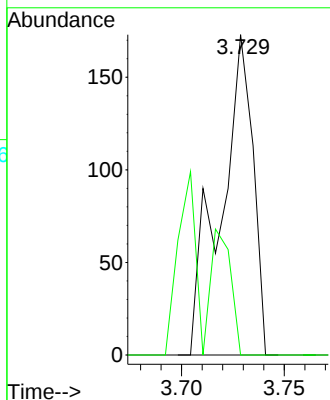
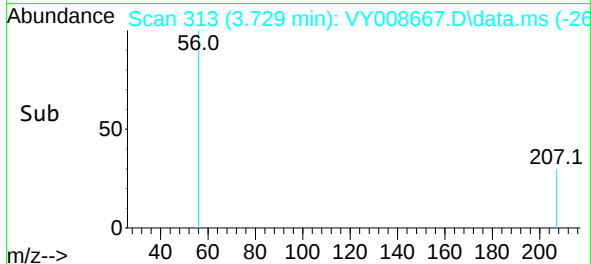


#13
Acrolein
Concen: 1.424 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.007 min
Lab File: VY008667.D
Acq: 09 May 2022 17:50

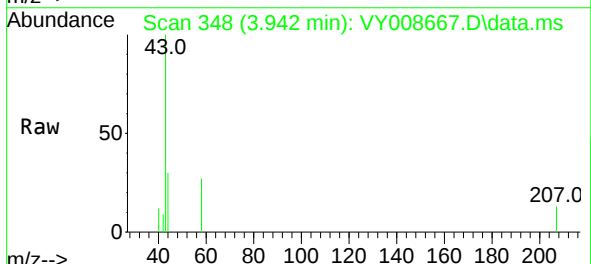
Instrument :
MSVOA_Y
ClientSampleId :
SS08-1-2-FTRE



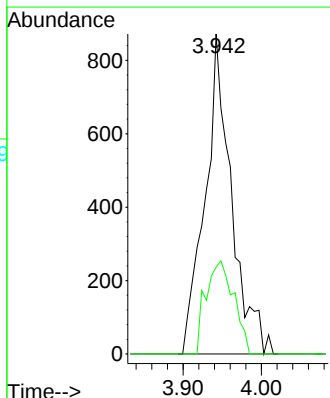
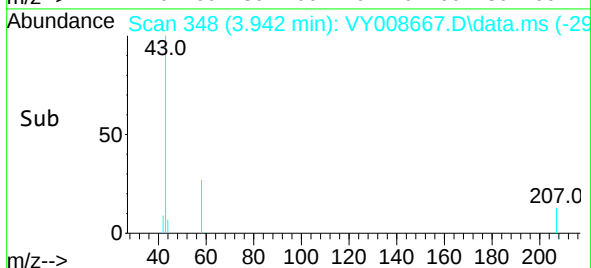
Tgt Ion: 56 Resp: 191
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

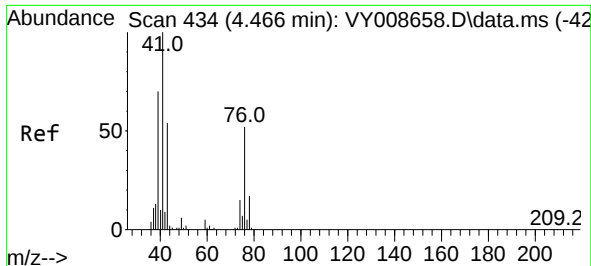


#16
Acetone
Concen: 6.361 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008667.D
Acq: 09 May 2022 17:50



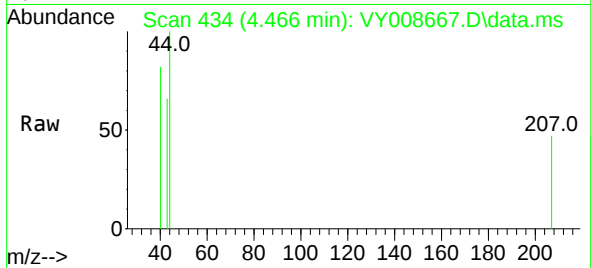
Tgt Ion: 43 Resp: 2039
Ion Ratio Lower Upper
43 100
58 27.2 22.0 33.0



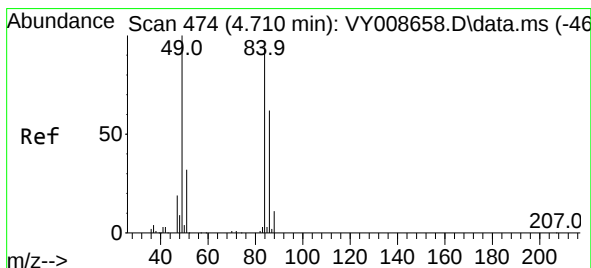
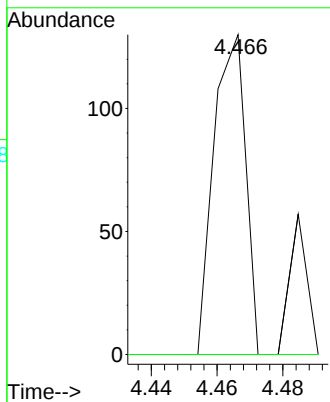
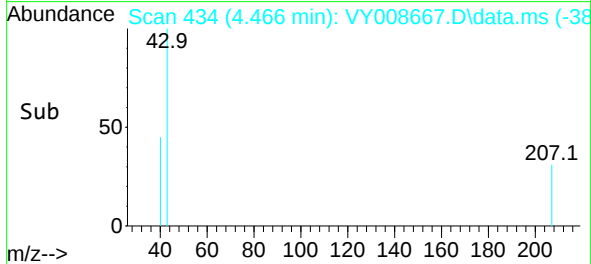


#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008667.D
Acq: 09 May 2022 17:50

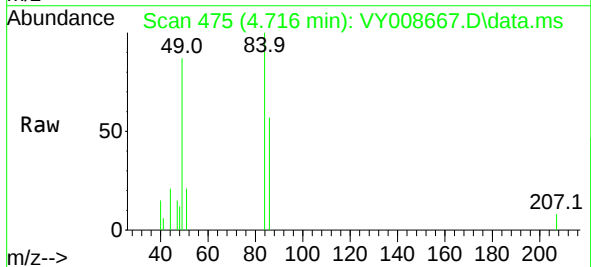
Instrument :
MSVOA_Y
ClientSampleId :
SS08-1-2-FTRE



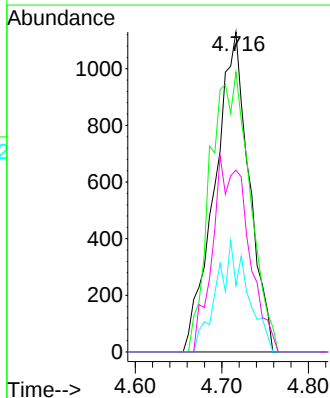
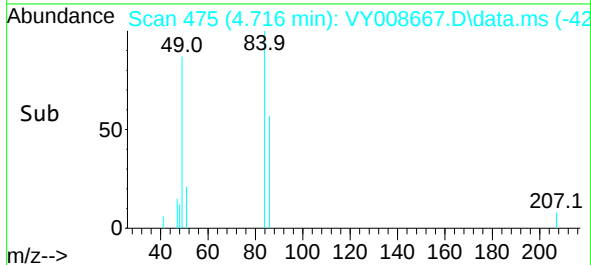
Tgt Ion: 43 Resp: 87
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

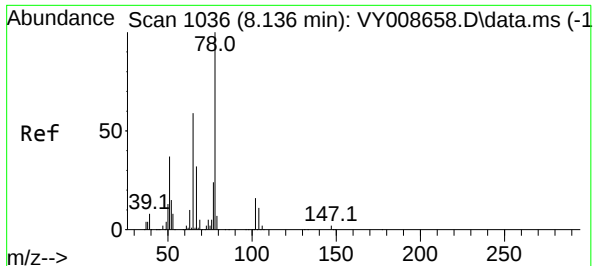


#20
Methylene Chloride
Concen: 1.594 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008667.D
Acq: 09 May 2022 17:50



Tgt Ion: 84 Resp: 3103
Ion Ratio Lower Upper
84 100
49 87.4 114.4 171.6#
51 20.8 35.3 52.9#
86 56.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 51.056 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY008667.D

Acq: 09 May 2022 17:50

Instrument :

MSVOA_Y

ClientSampleId :

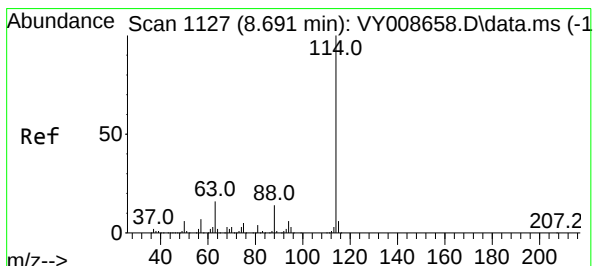
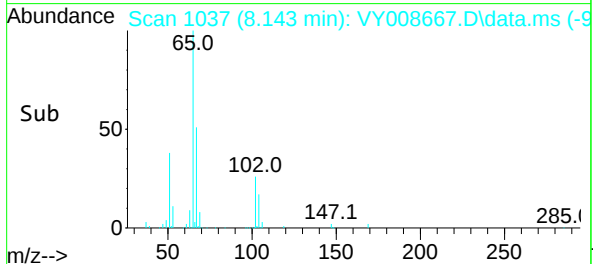
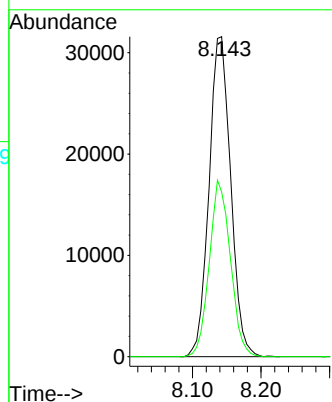
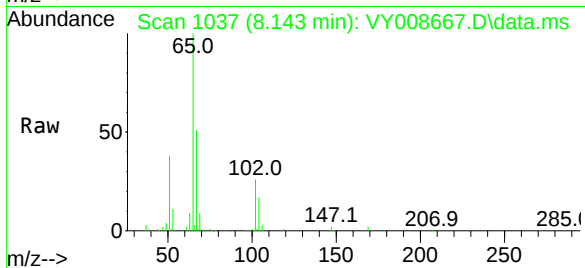
SS08-1-2-FTRE

Tgt Ion: 65 Resp: 69371

Ion Ratio Lower Upper

65 100

67 53.7 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: VY008667.D

Acq: 09 May 2022 17:50

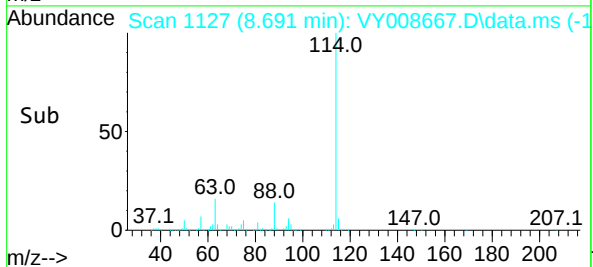
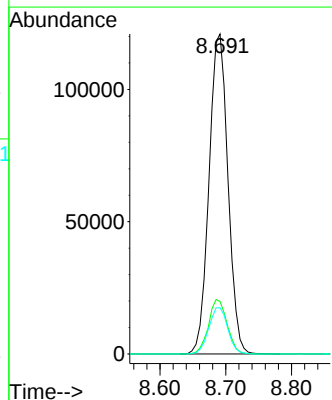
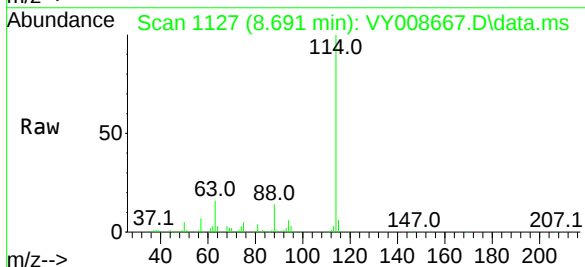
Tgt Ion: 114 Resp: 242082

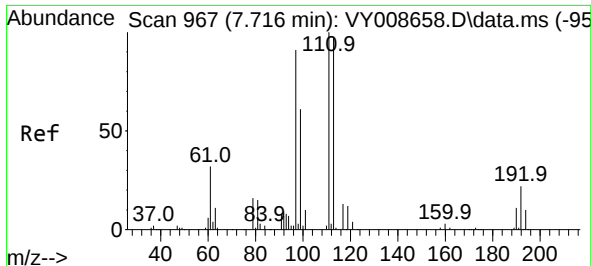
Ion Ratio Lower Upper

114 100

63 16.4 0.0 43.2

88 14.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.718 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY008667.D

Acq: 09 May 2022 17:50

Instrument :

MSVOA_Y

ClientSampleId :

SS08-1-2-FTRE

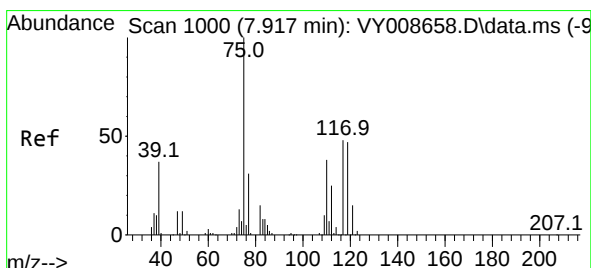
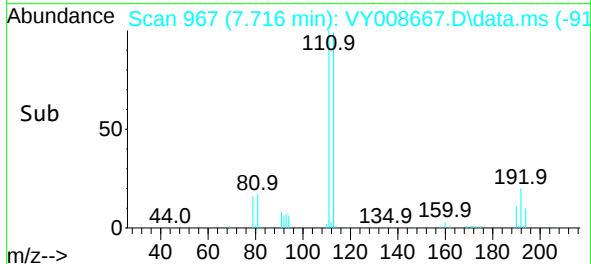
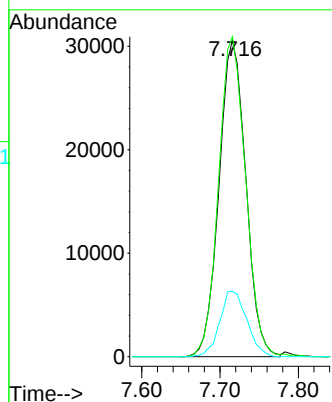
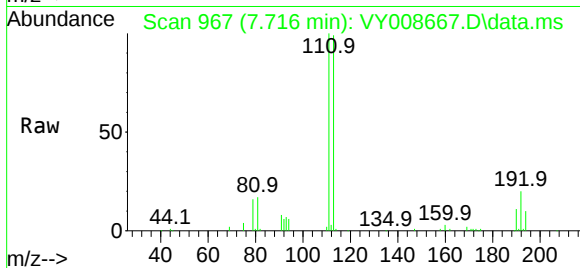
Tgt Ion:113 Resp: 72678

Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 21.0 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.193 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.134 min

Lab File: VY008667.D

Acq: 09 May 2022 17:50

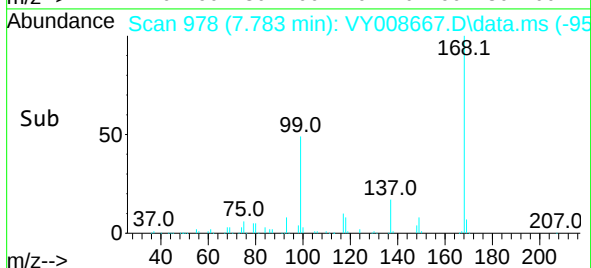
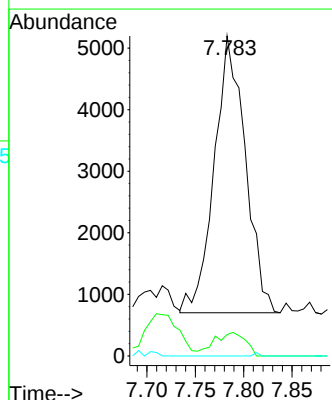
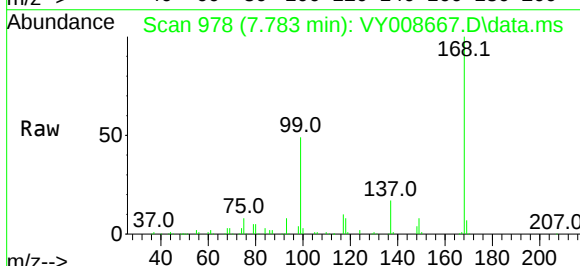
Tgt Ion: 75 Resp: 10051

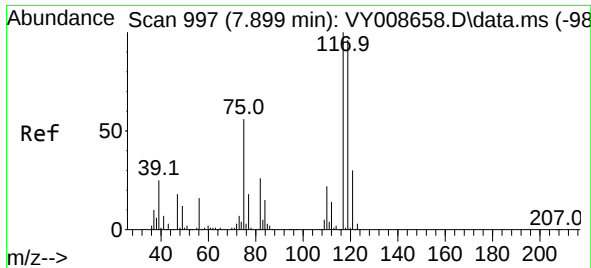
Ion Ratio Lower Upper

75 100

110 8.5 17.1 51.2#

77 0.0 24.4 36.6#

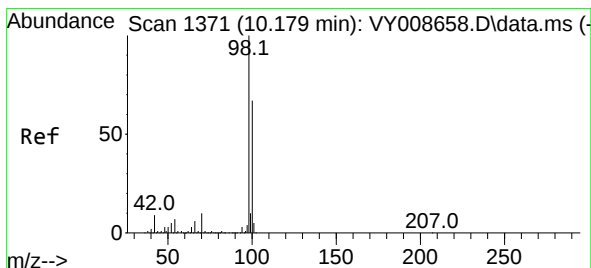
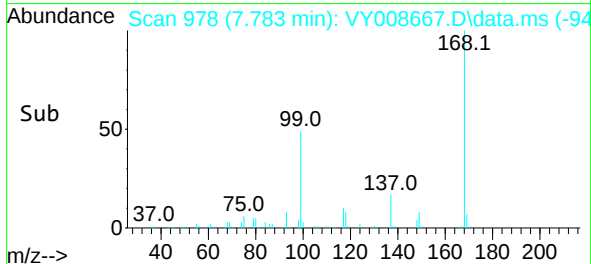
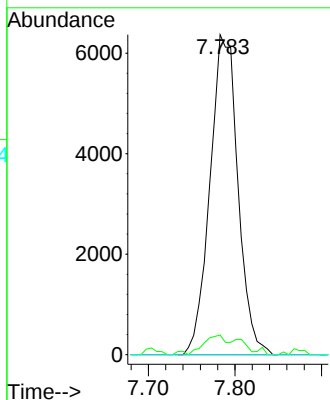
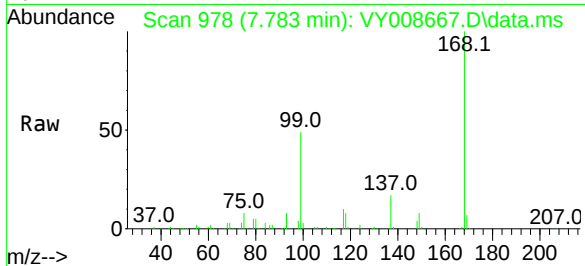




#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008667.D
Acq: 09 May 2022 17:50

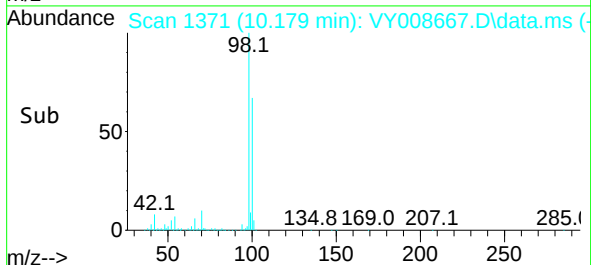
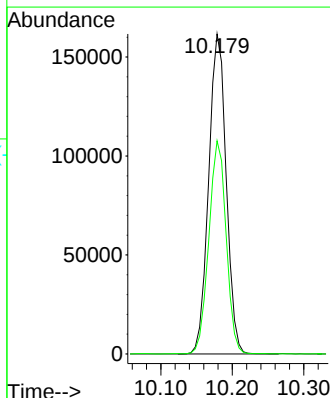
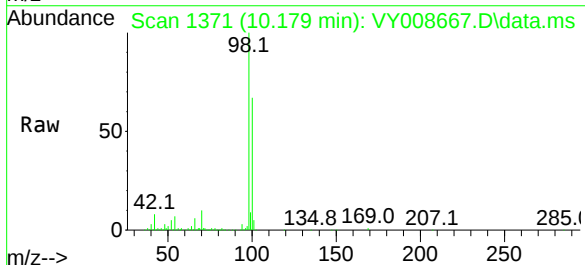
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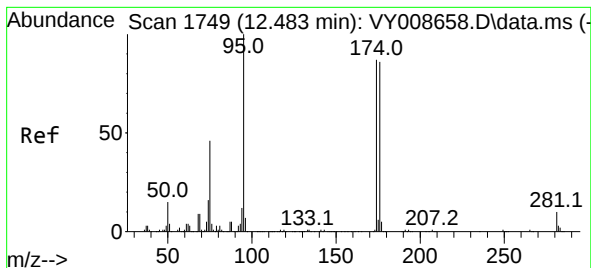
Tgt Ion:117 Resp: 14258
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.388 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008667.D
Acq: 09 May 2022 17:50

Tgt Ion: 98 Resp: 275409
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2

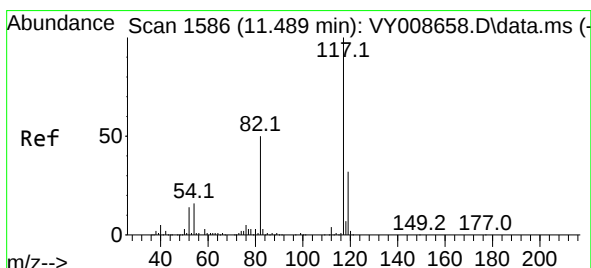
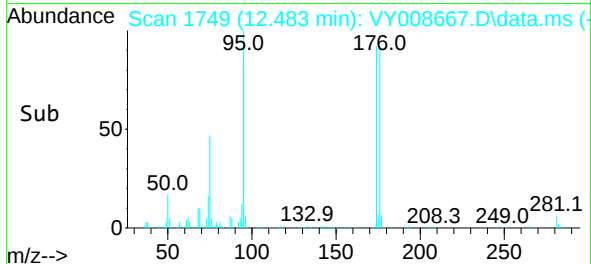
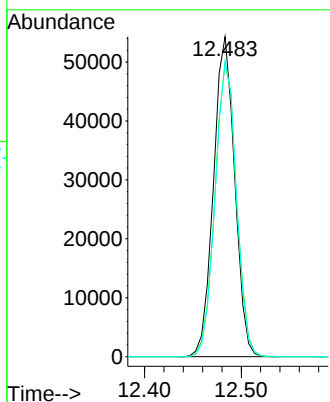
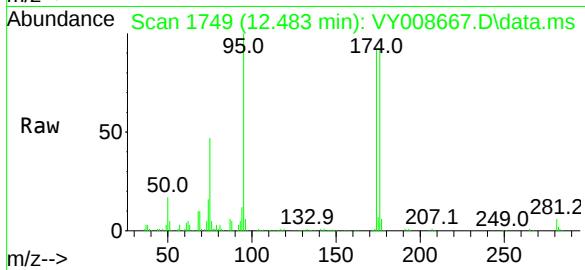




#62
4-Bromofluorobenzene
Concen: 43.582 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008667.D
Acq: 09 May 2022 17:50

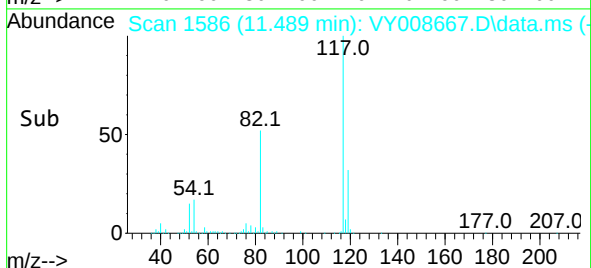
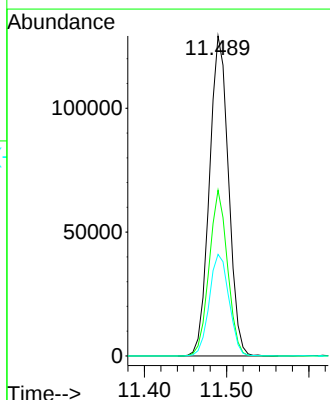
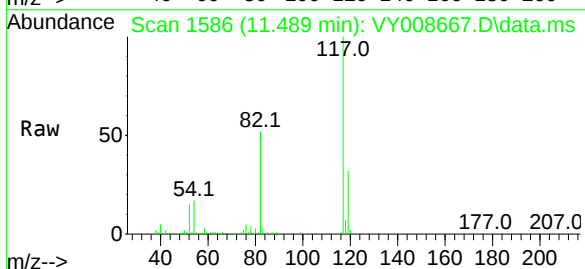
Instrument :
MSVOA_Y
ClientSampleId :
SS08-1-2-FTRE

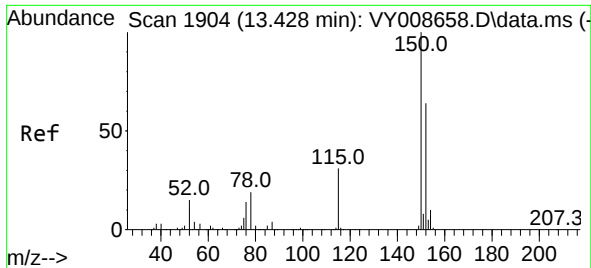
Tgt Ion: 95 Resp: 82428
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 92.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008667.D
Acq: 09 May 2022 17:50

Tgt Ion: 117 Resp: 208379
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 31.8 25.4 38.0

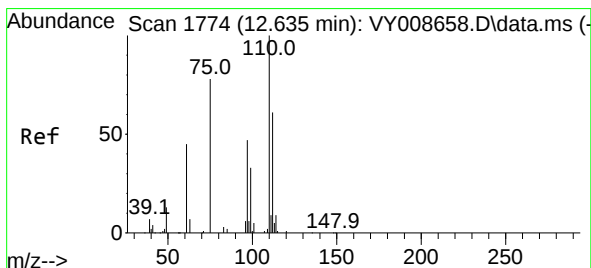
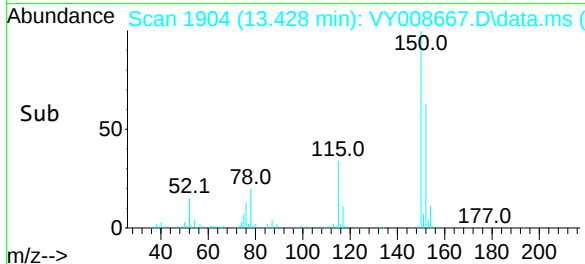
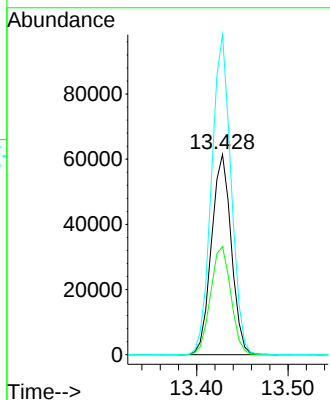
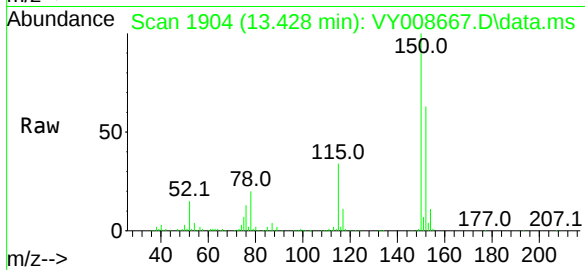




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008667.D
 Acq: 09 May 2022 17:50

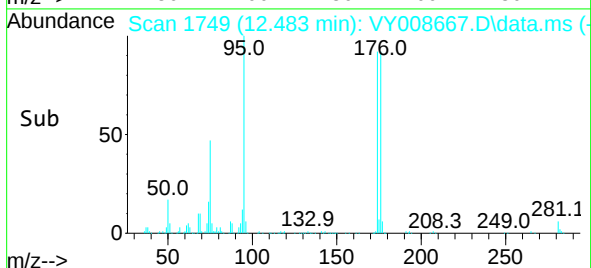
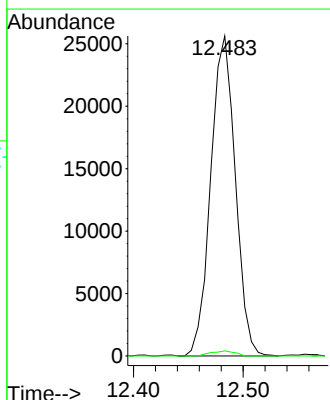
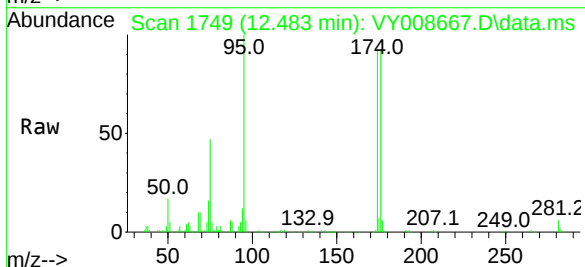
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS08-1-2-FTRE

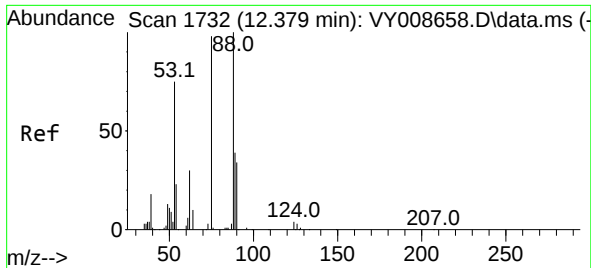
Tgt Ion:152 Resp: 92495
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.2 84.7
 150 157.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 38.333 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008667.D
 Acq: 09 May 2022 17:50

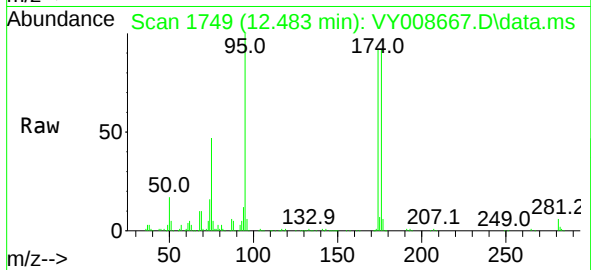
Tgt Ion: 75 Resp: 39969
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.266 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008667.D
 Acq: 09 May 2022 17:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS08-1-2-FTRE



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

