

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008712.D
 Acq On : 11 May 2022 17:13
 Operator : KP/MD
 Sample : N2781-02
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS003-0612-01

Quant Time: May 12 06:30:30 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)

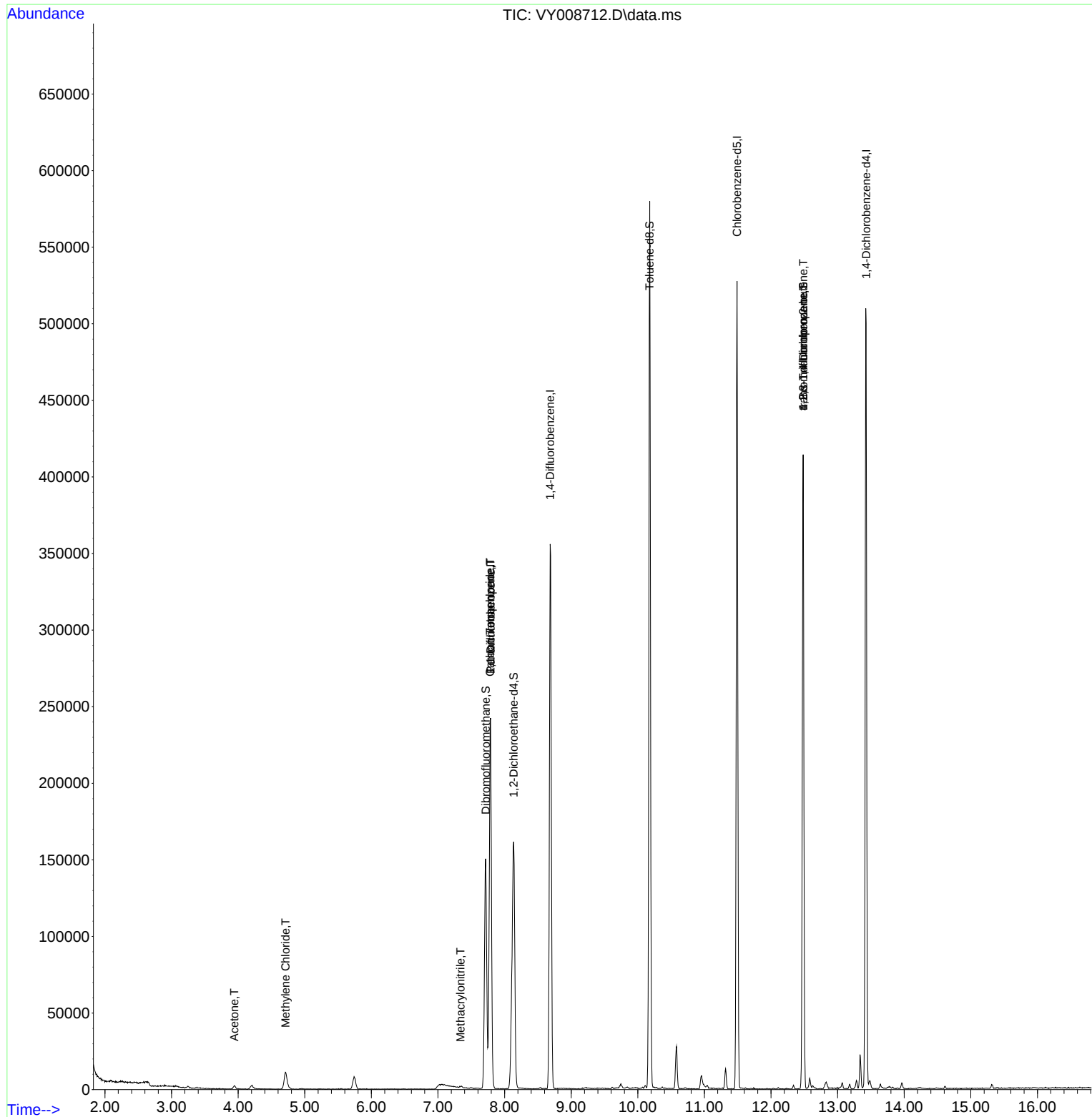
Internal Standards						
1) Pentafluorobenzene	7.789	168	204093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	304721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100580	57.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.020%
35) Dibromofluoromethane	7.716	113	106652	51.674	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.340%
50) Toluene-d8	10.179	98	384701	52.892	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.780%
62) 4-Bromofluorobenzene	12.483	95	121781	46.540	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.080%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.923	59	171	Below Cal	#	77
16) Acetone	3.942	43	3595	8.713	ug/l #	72
18) Methyl Acetate	4.710	43	75	Below Cal	#	56
20) Methylene Chloride	4.710	84	9605	3.833	ug/l #	74
36) 1,1-Dichloropropene	7.789	75	13738	4.143	ug/l #	50
38) Carbon Tetrachloride	7.783	117	17903	5.338	ug/l #	15
41) Methacrylonitrile	7.338	41	300	1.092	ug/l #	6
76) 1,2,3-Trichloropropane	12.483	75	59187	36.826	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59187	73.267	ug/l #	7

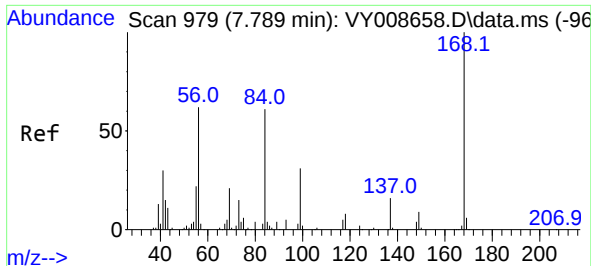
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
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P003-SS003-0612-01

Quant Time: May 12 06:30:30 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

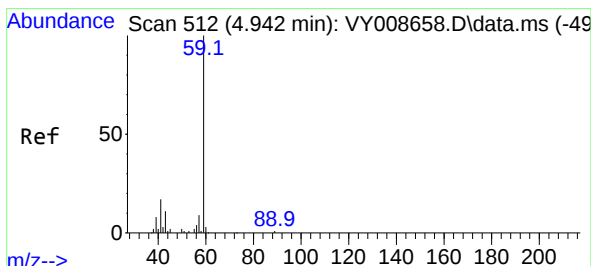
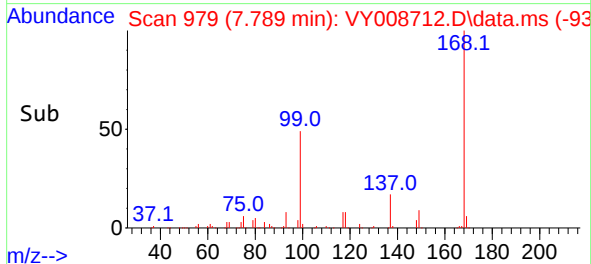
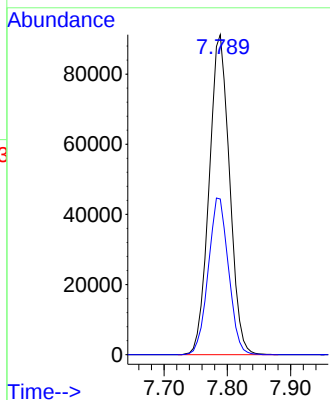
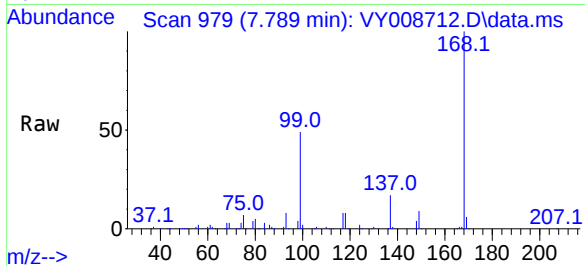




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008712.D
Acq: 11 May 2022 17:13

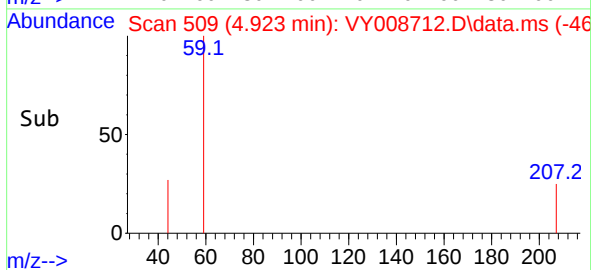
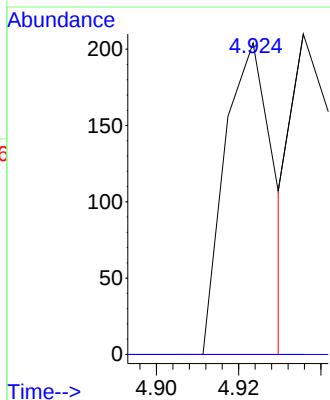
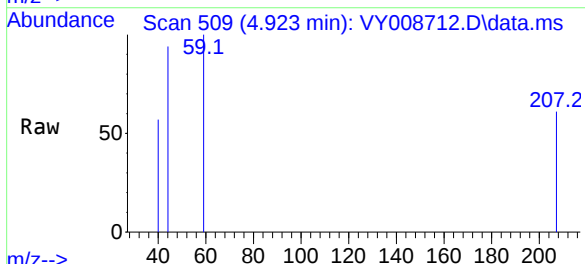
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-0612-01

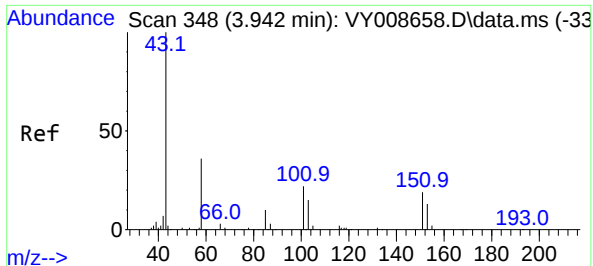
Tgt Ion:168 Resp: 204093
Ion Ratio Lower Upper
168 100
99 48.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.019 min
Lab File: VY008712.D
Acq: 11 May 2022 17:13

Tgt Ion: 59 Resp: 171
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

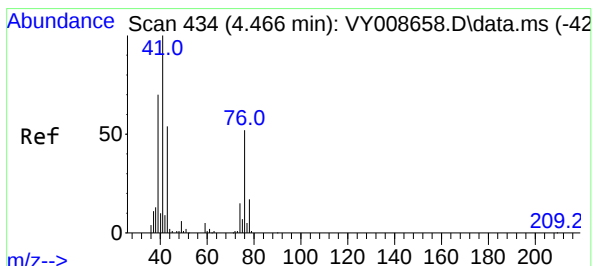
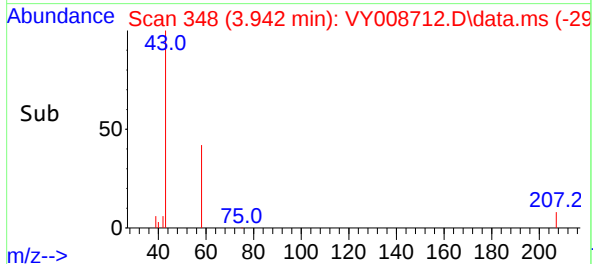
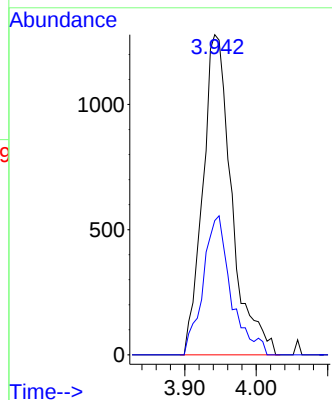
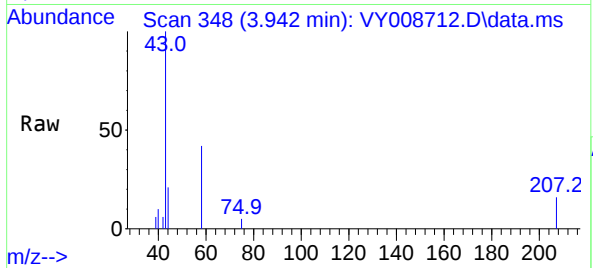




#16
Acetone
Concen: 8.713 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY008712.D
Acq: 11 May 2022 17:13

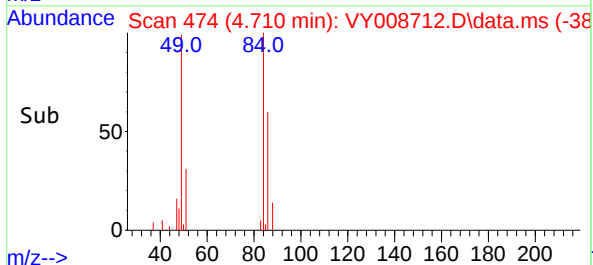
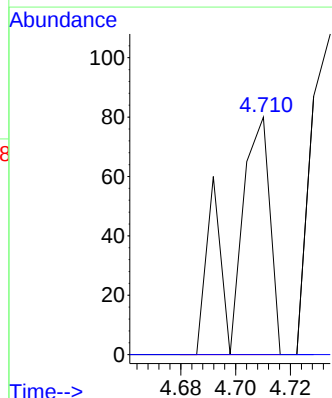
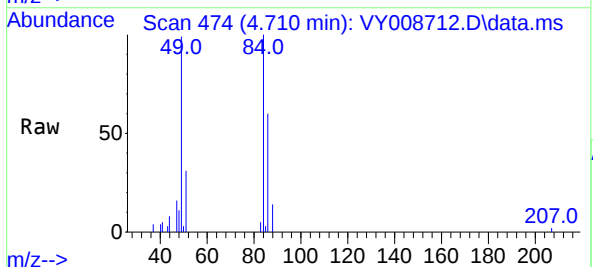
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-0612-01

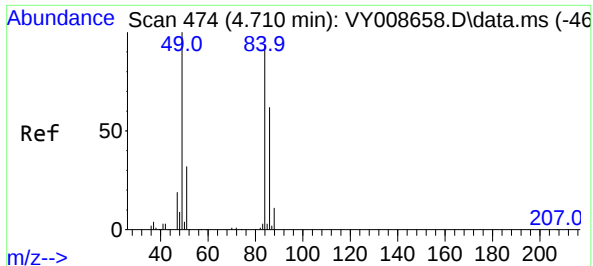
Tgt Ion: 43 Resp: 3595
Ion Ratio Lower Upper
43 100
58 41.9 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.244 min
Lab File: VY008712.D
Acq: 11 May 2022 17:13

Tgt Ion: 43 Resp: 75
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

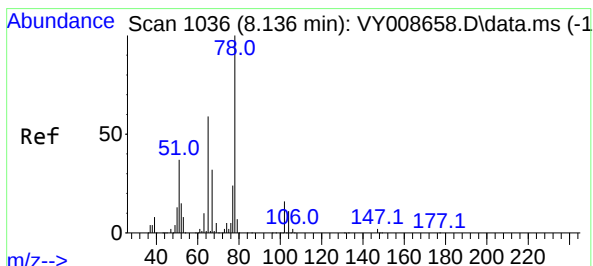
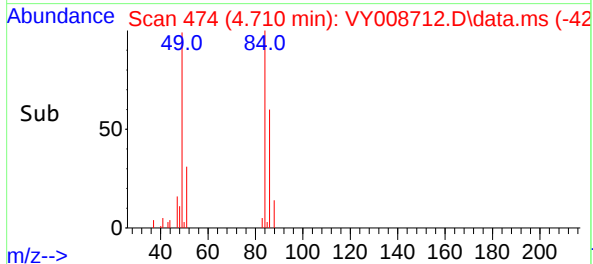
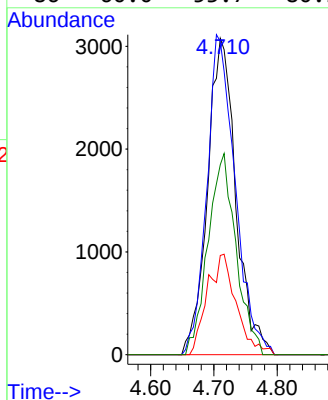
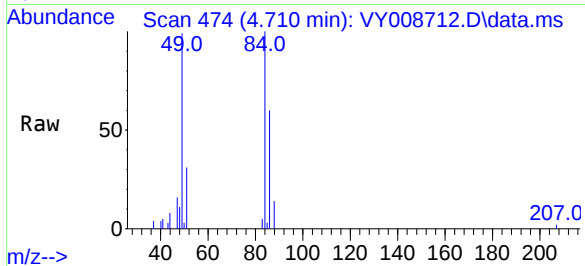




#20
Methylene Chloride
Concen: 3.833 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008712.D
Acq: 11 May 2022 17:13

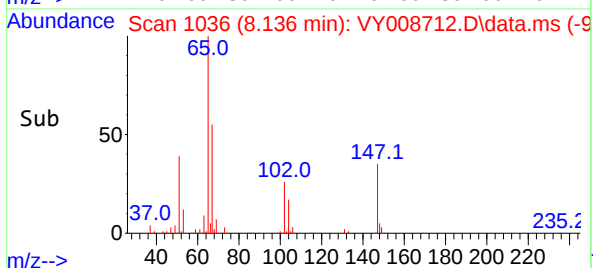
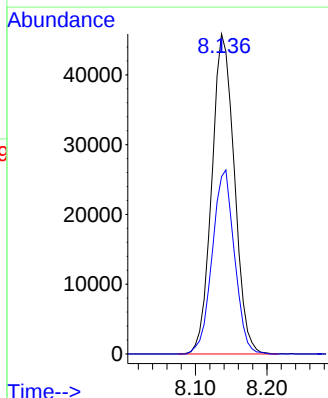
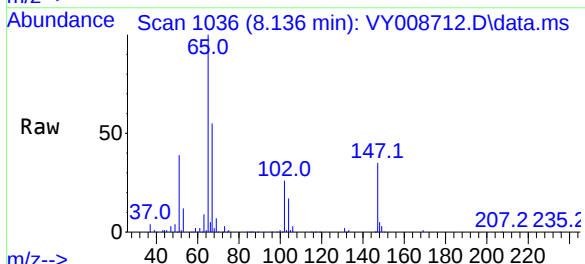
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-0612-01

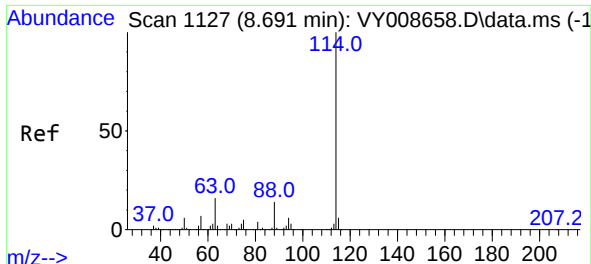
Tgt Ion:	84	Resp:	9605
Ion	Ratio	Lower	Upper
84	100		
49	99.0	114.4	171.6#
51	31.4	35.3	52.9#
86	60.0	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 57.514 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008712.D
Acq: 11 May 2022 17:13

Tgt Ion:	65	Resp:	100580
Ion	Ratio	Lower	Upper
65	100		
67	56.6	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008712.D

Acq: 11 May 2022 17:13

Instrument :

MSVOA_Y

ClientSampleId :

P003-SS003-0612-01

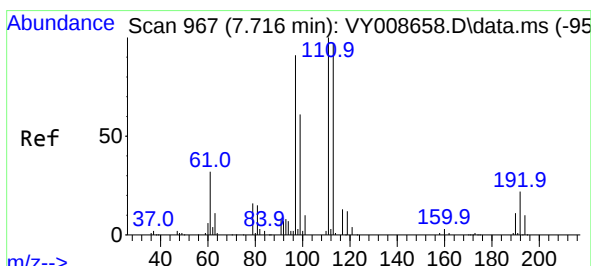
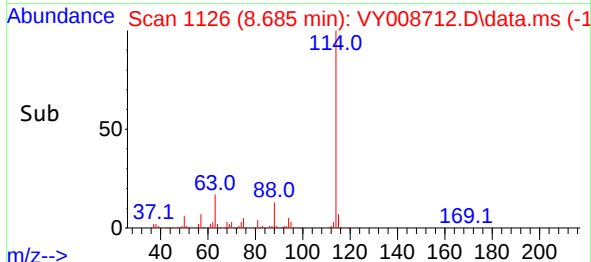
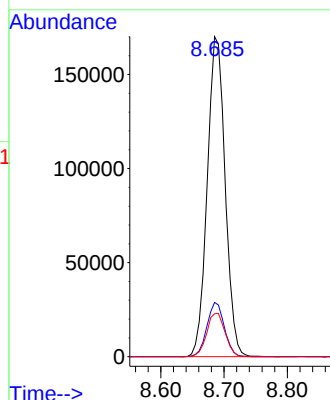
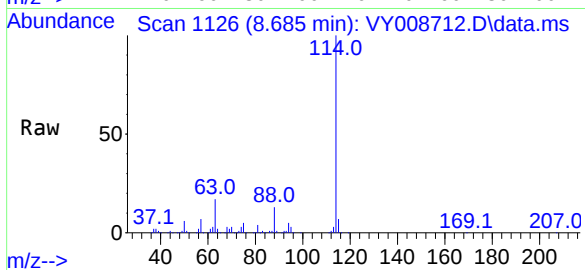
Tgt Ion:114 Resp: 334925

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.674 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008712.D

Acq: 11 May 2022 17:13

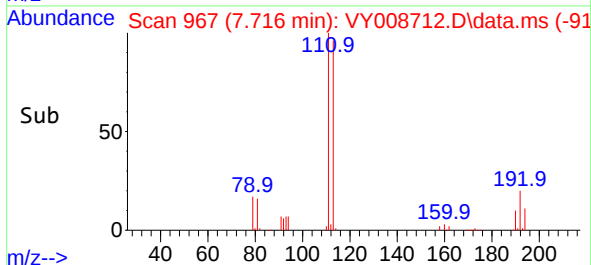
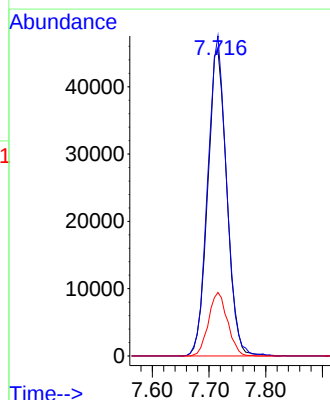
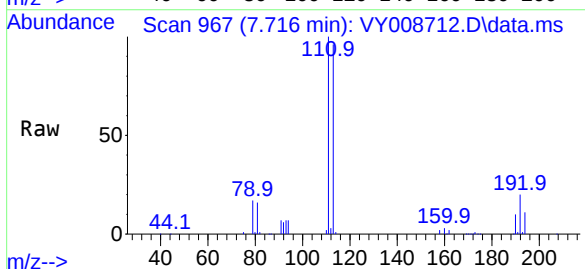
Tgt Ion:113 Resp: 106652

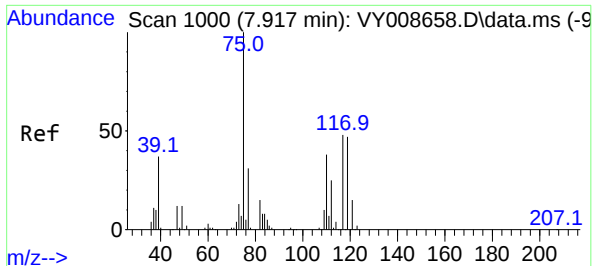
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 20.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.143 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008712.D

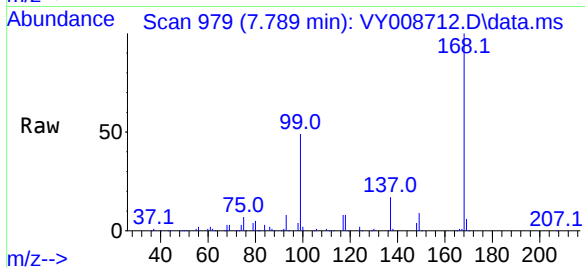
Acq: 11 May 2022 17:13

Instrument :

MSVOA_Y

ClientSampleId :

P003-SS003-0612-01



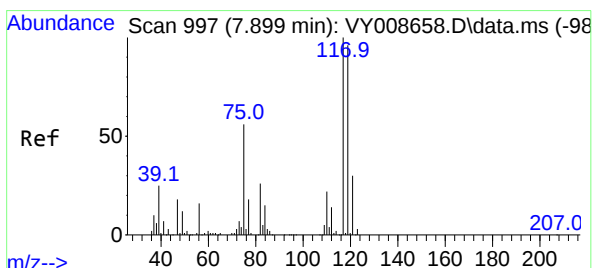
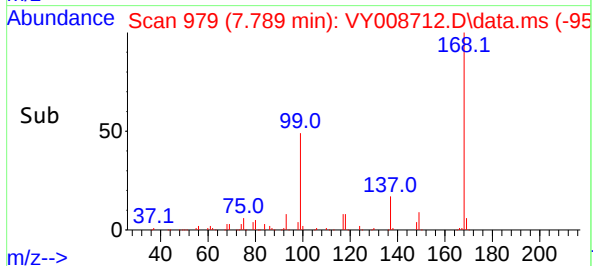
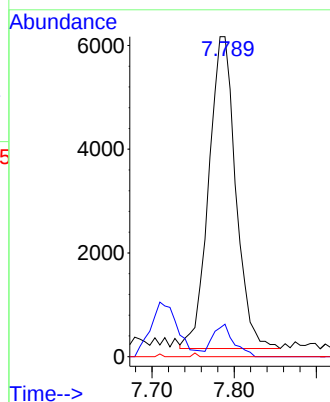
Tgt Ion: 75 Resp: 13738

Ion Ratio Lower Upper

75 100

110 8.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.338 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008712.D

Acq: 11 May 2022 17:13

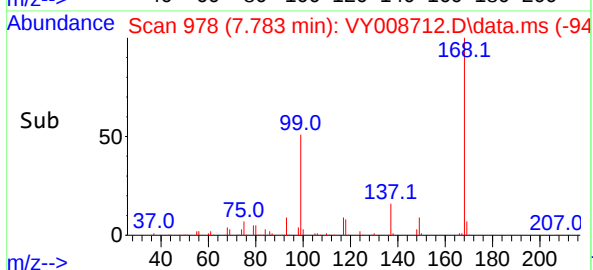
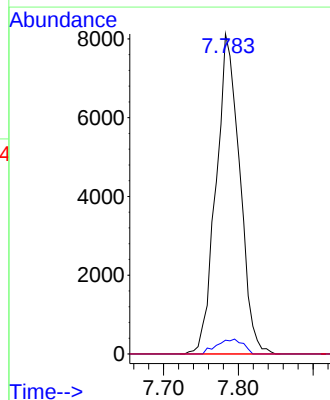
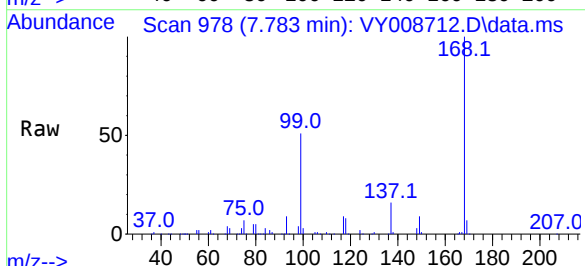
Tgt Ion: 117 Resp: 17903

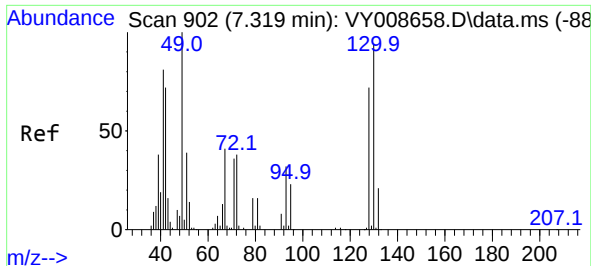
Ion Ratio Lower Upper

117 100

119 4.3 77.9 116.9#

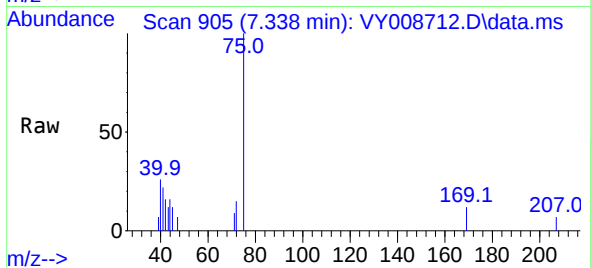
121 0.0 24.8 37.2#



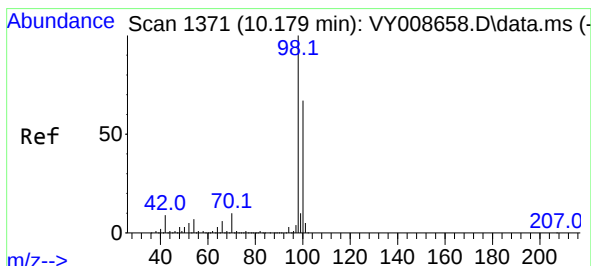
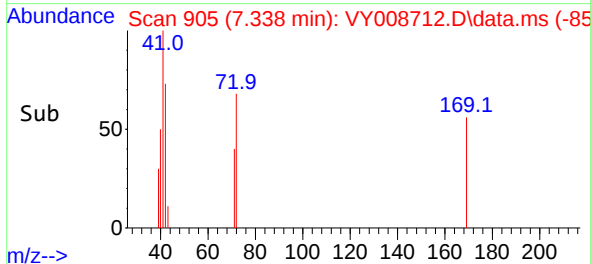
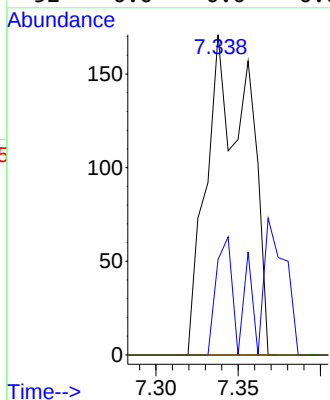


#41
Methacrylonitrile
Concen: 1.092 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.019 min
Lab File: VY008712.D
Acq: 11 May 2022 17:13

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-0612-01

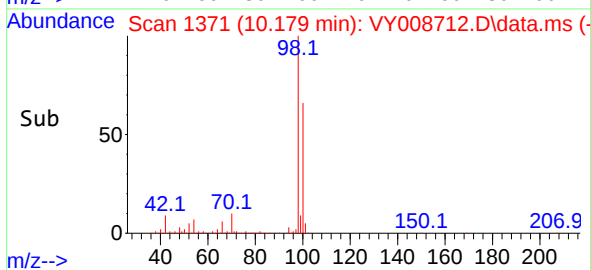
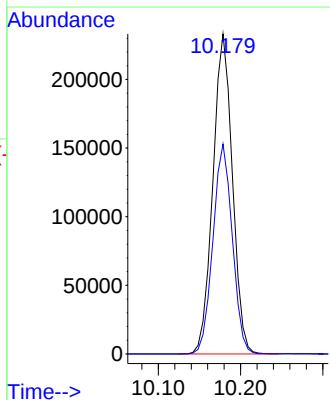
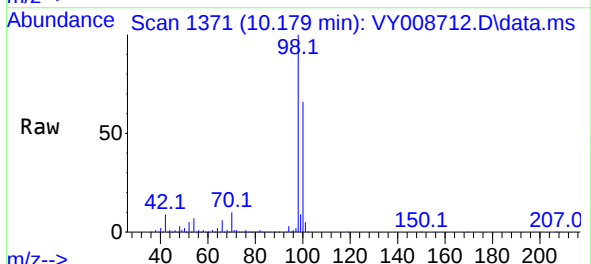


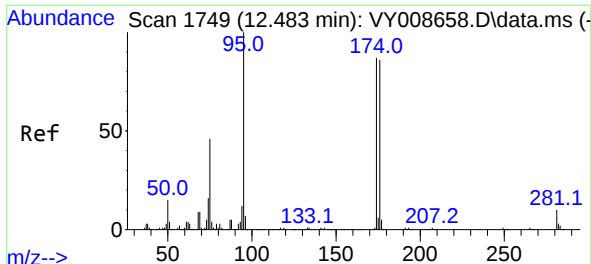
Tgt Ion: 41 Resp: 300
Ion Ratio Lower Upper
41 100
39 14.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#50
Toluene-d8
Concen: 52.892 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008712.D
Acq: 11 May 2022 17:13

Tgt Ion: 98 Resp: 384701
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

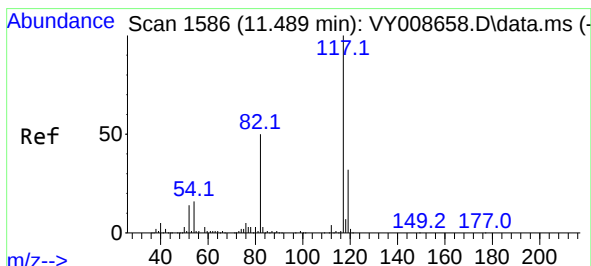
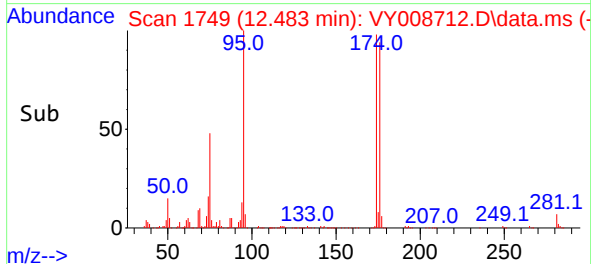
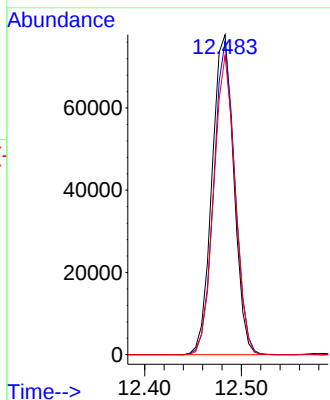
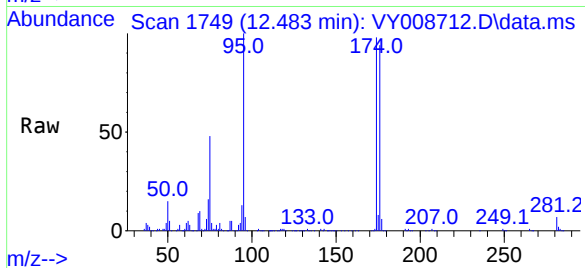




#62
4-Bromofluorobenzene
Concen: 46.540 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008712.D
Acq: 11 May 2022 17:13

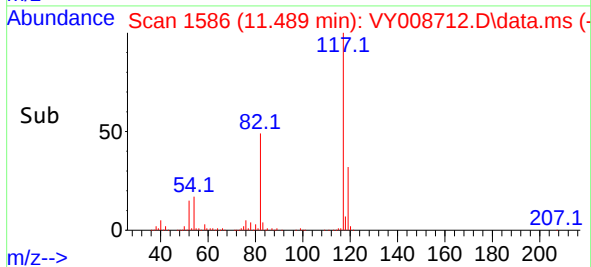
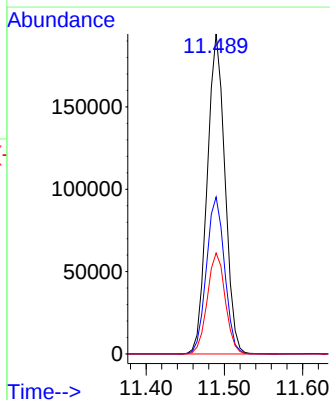
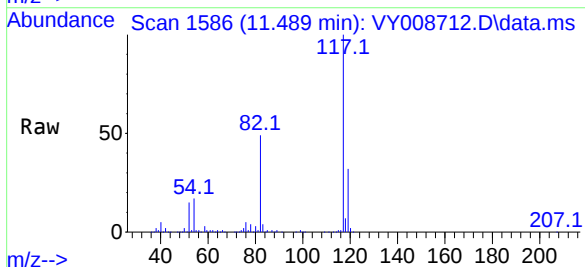
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-0612-01

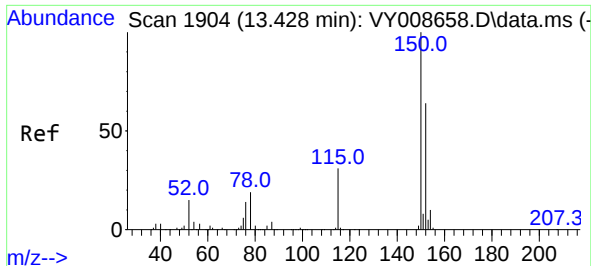
Tgt Ion: 95 Resp: 121781
Ion Ratio Lower Upper
95 100
174 94.9 0.0 177.0
176 91.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008712.D
Acq: 11 May 2022 17:13

Tgt Ion: 117 Resp: 304721
Ion Ratio Lower Upper
117 100
82 49.0 43.0 64.4
119 31.5 25.4 38.0

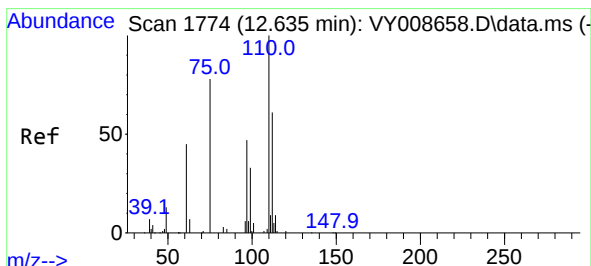
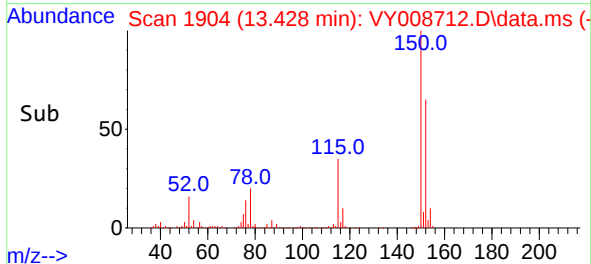
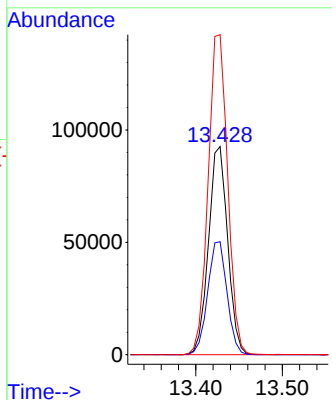
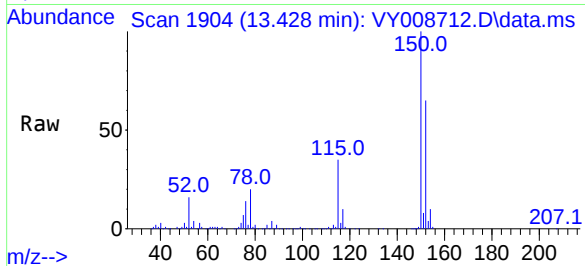




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008712.D
Acq: 11 May 2022 17:13

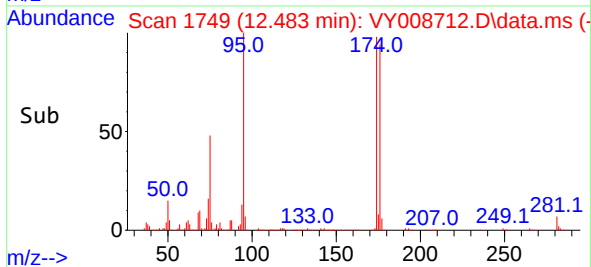
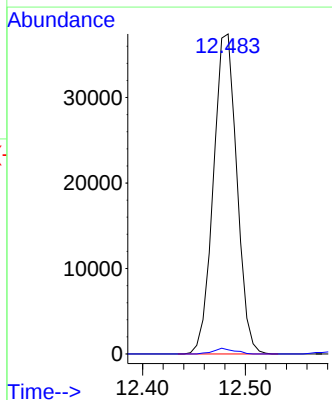
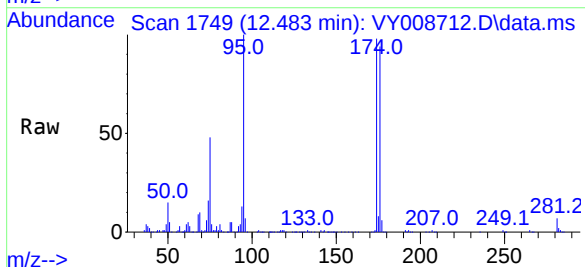
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-0612-01

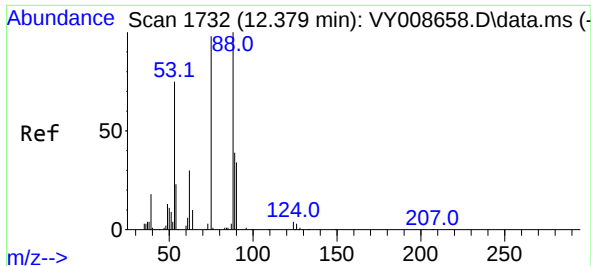
Tgt Ion:152 Resp: 142575
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 156.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 36.826 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008712.D
Acq: 11 May 2022 17:13

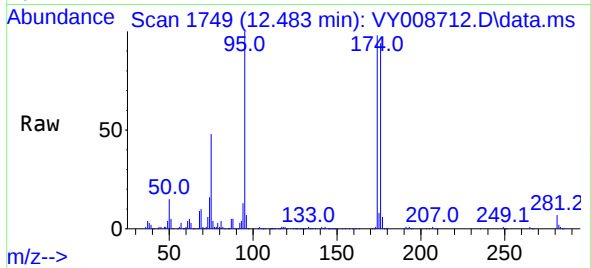
Tgt Ion: 75 Resp: 59187
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.267 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008712.D
 Acq: 11 May 2022 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS003-0612-01



Tgt Ion: 75 Resp: 59187
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

