

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008705.D
 Acq On : 11 May 2022 14:30
 Operator : KP/MD
 Sample : N2762-09
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB19

Quant Time: May 12 06:28:37 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)

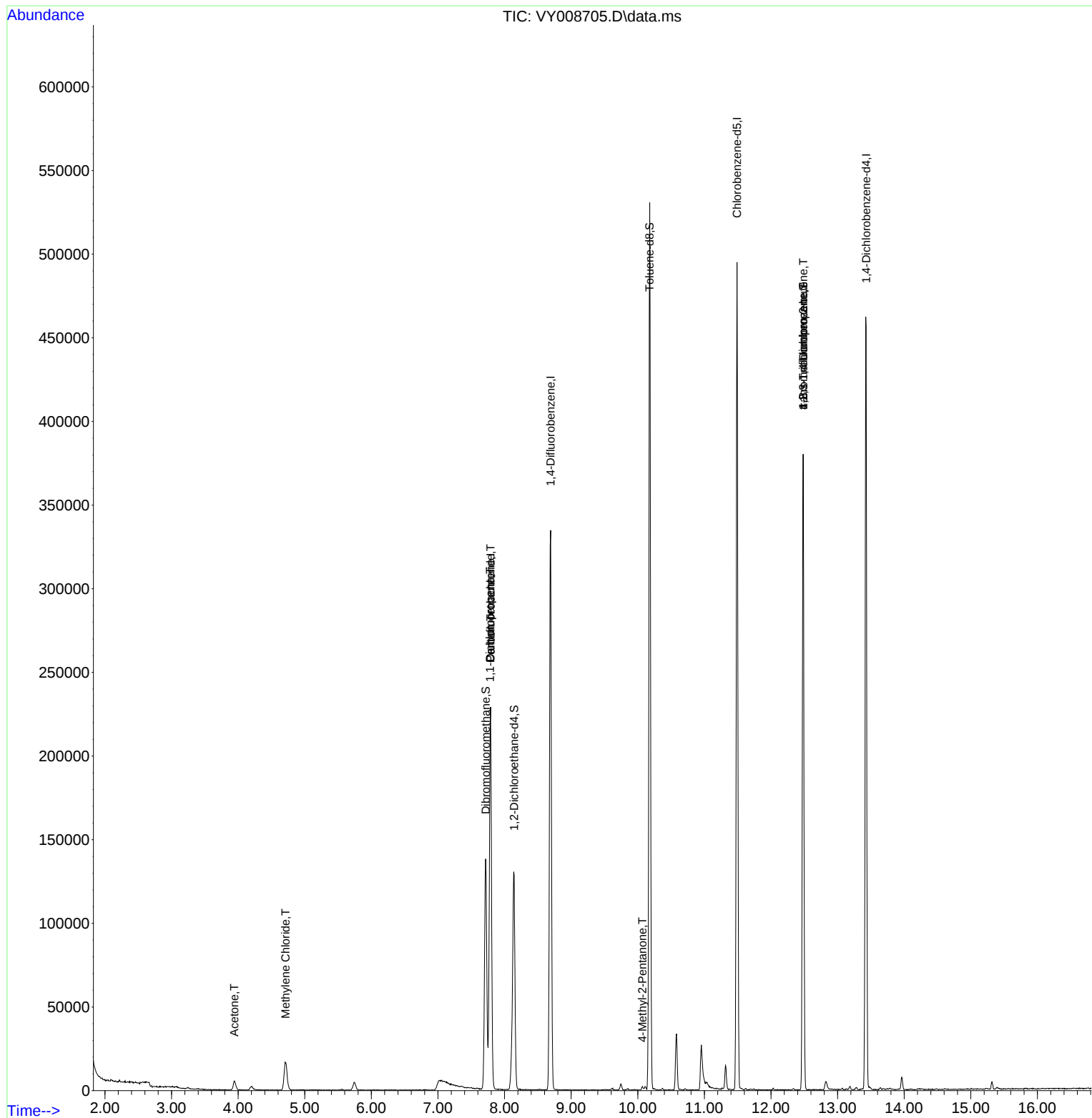
Internal Standards						
1) Pentafluorobenzene	7.789	168	193083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	317439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	284659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89706	54.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.440%	
35) Dibromofluoromethane	7.716	113	99014	50.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.240%	
50) Toluene-d8	10.179	98	361687	52.468	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.940%	
62) 4-Bromofluorobenzene	12.483	95	110774	44.665	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	469	Below Cal	#	77
16) Acetone	3.942	43	9206	23.586	ug/l #	76
18) Methyl Acetate	4.491	43	20	Below Cal	#	56
20) Methylene Chloride	4.710	84	14314	6.039	ug/l #	74
36) 1,1-Dichloropropene	7.783	75	12549	3.993	ug/l #	50
38) Carbon Tetrachloride	7.789	117	17505	5.507	ug/l #	15
51) 4-Methyl-2-Pentanone	10.069	43	1533	1.032	ug/l	94
76) 1,2,3-Trichloropropane	12.483	75	54542	36.733	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54542	73.083	ug/l #	7

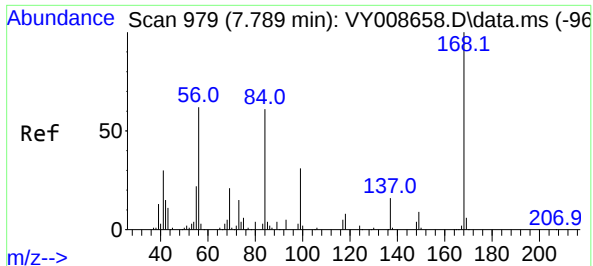
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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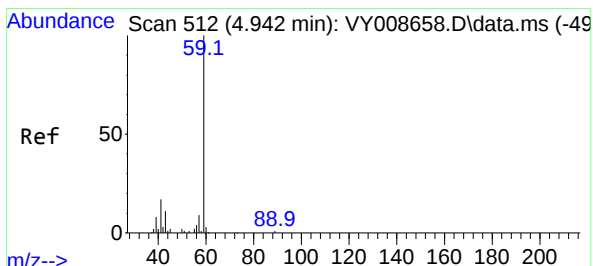
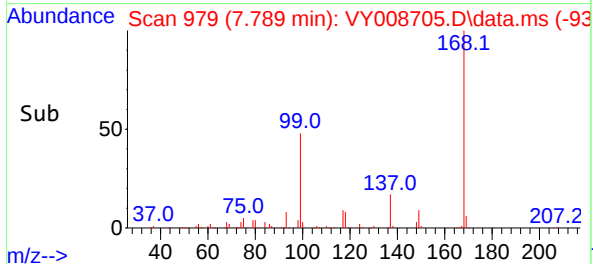
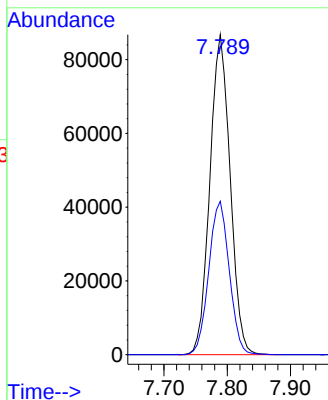
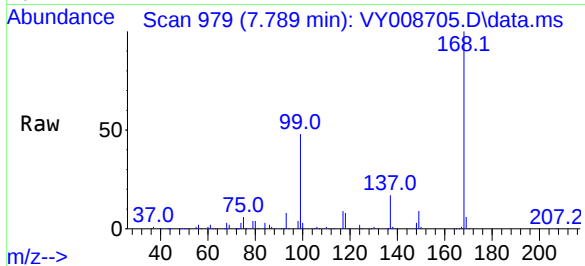




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008705.D
Acq: 11 May 2022 14:30

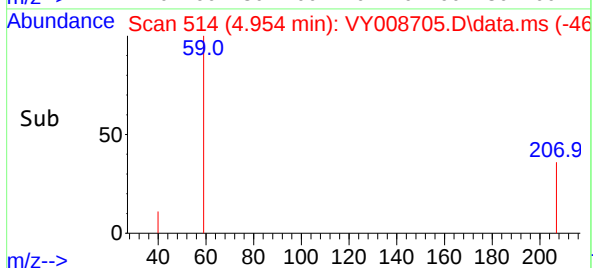
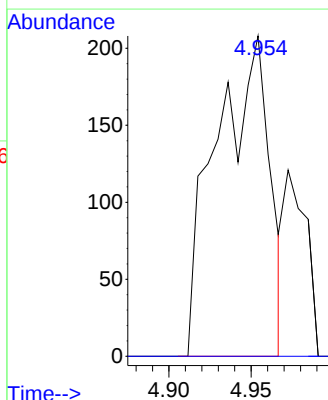
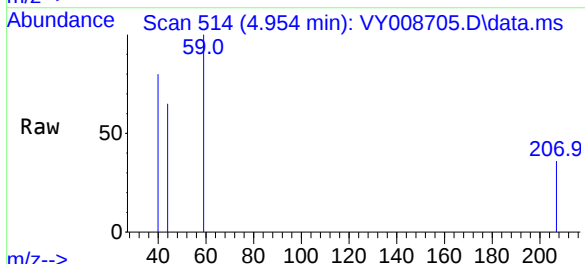
Instrument :
MSVOA_Y
ClientSampleId :
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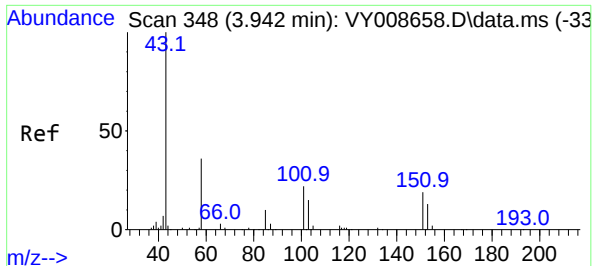
Tgt Ion:168 Resp: 193083
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY008705.D
Acq: 11 May 2022 14:30

Tgt Ion: 59 Resp: 469
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

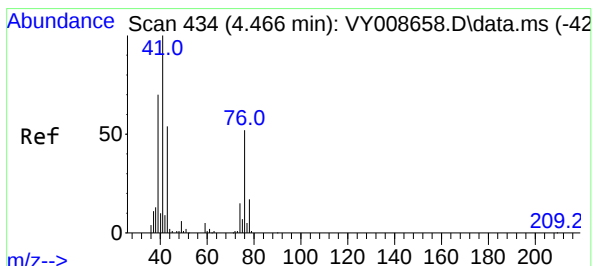
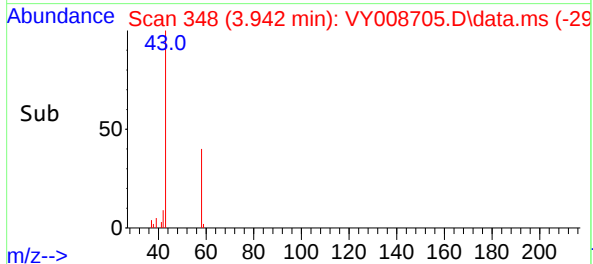
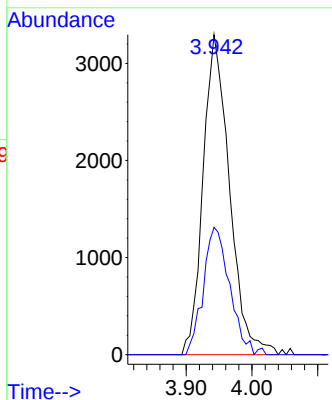
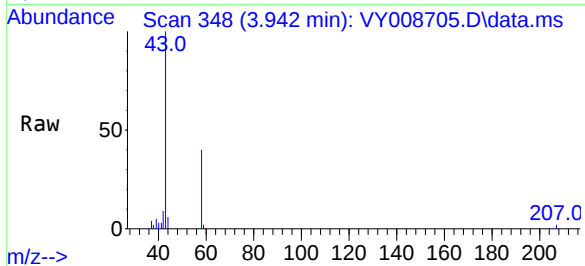




#16
Acetone
Concen: 23.586 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY008705.D
Acq: 11 May 2022 14:30

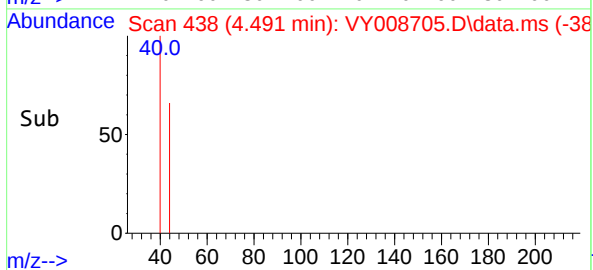
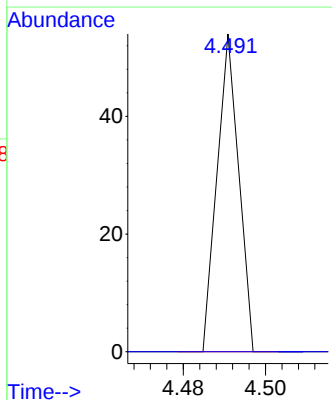
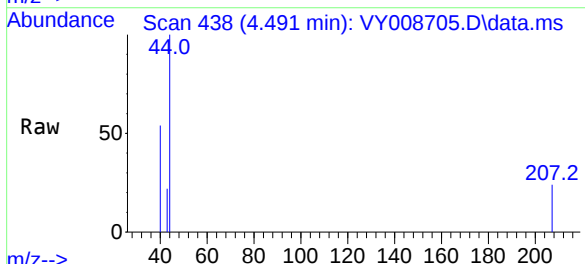
Instrument :
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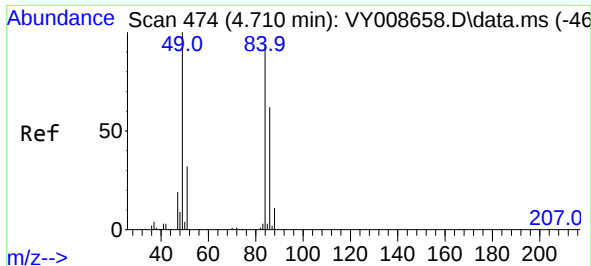
Tgt Ion: 43 Resp: 9206
Ion Ratio Lower Upper
43 100
58 39.8 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.025 min
Lab File: VY008705.D
Acq: 11 May 2022 14:30

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

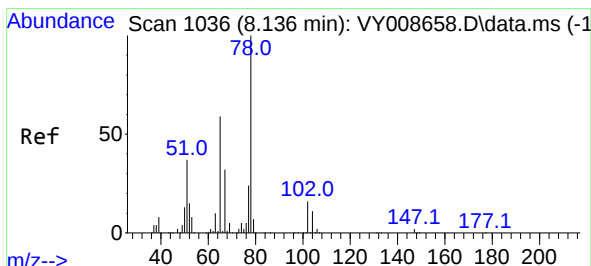
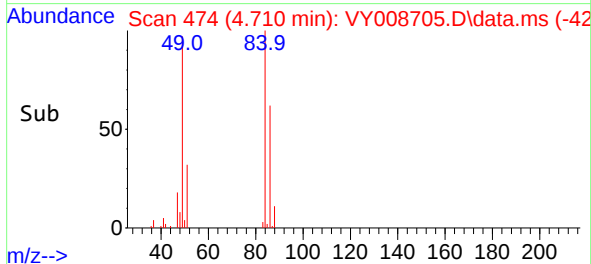
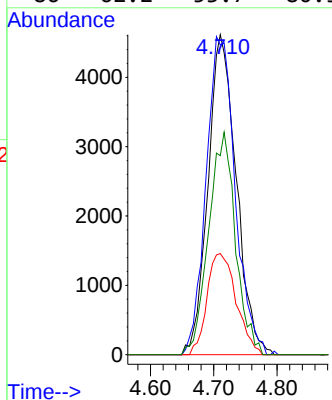
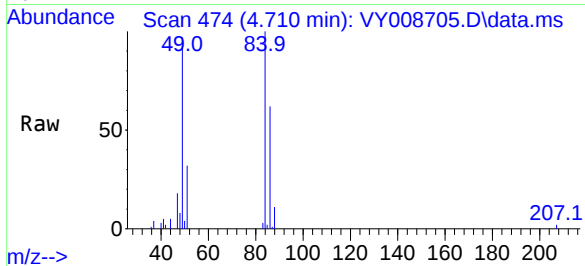




#20
Methylene Chloride
Concen: 6.039 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008705.D
Acq: 11 May 2022 14:30

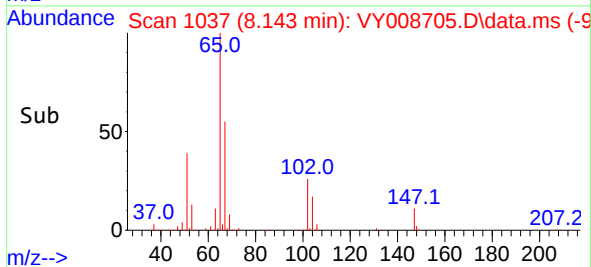
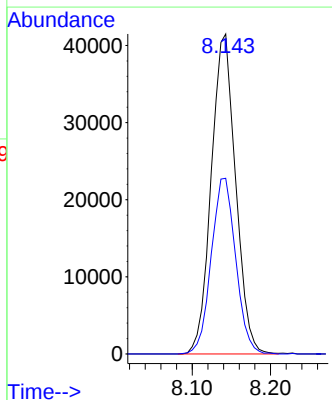
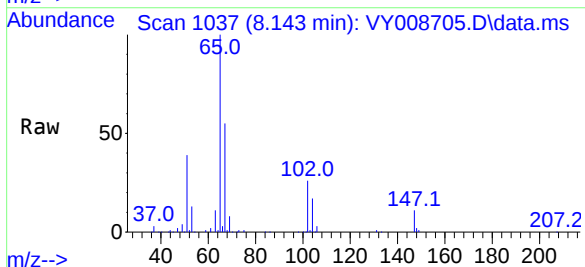
Instrument :
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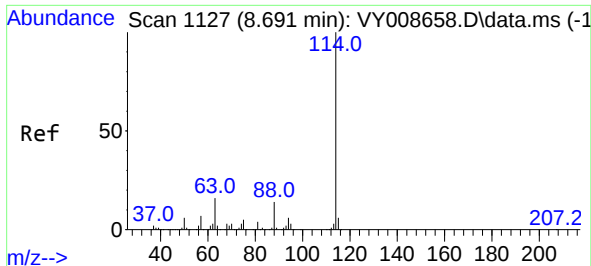
Tgt Ion:	84	Resp:	14314
Ion	Ratio	Lower	Upper
84	100		
49	96.8	114.4	171.6#
51	31.6	35.3	52.9#
86	62.2	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 54.221 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008705.D
Acq: 11 May 2022 14:30

Tgt Ion:	65	Resp:	89706
Ion	Ratio	Lower	Upper
65	100		
67	55.1	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: VY008705.D

Acq: 11 May 2022 14:30

Instrument :

MSVOA_Y

ClientSampleId :

SB19

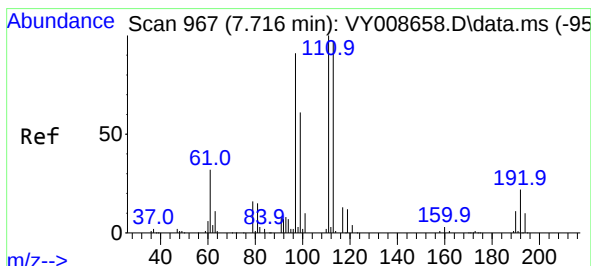
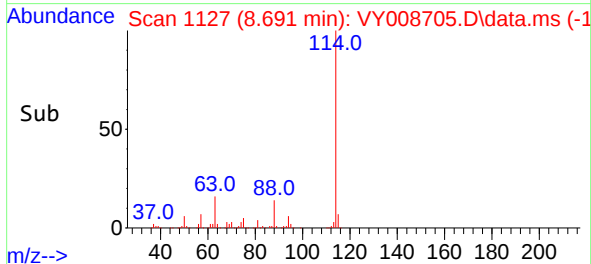
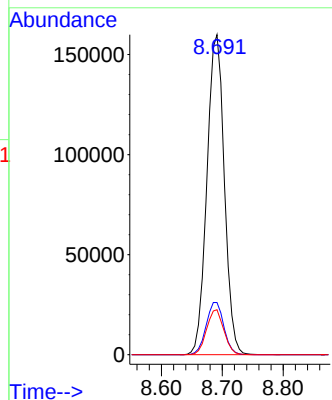
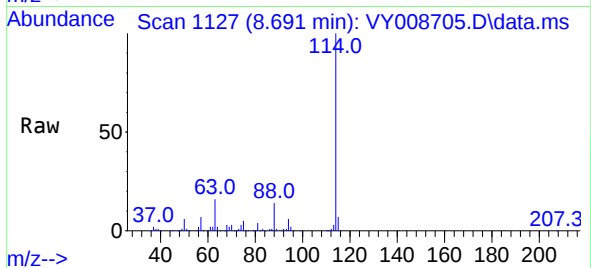
Tgt Ion:114 Resp: 317439

Ion Ratio Lower Upper

114 100

63 16.3 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.616 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008705.D

Acq: 11 May 2022 14:30

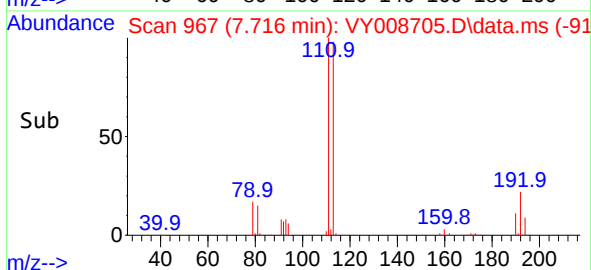
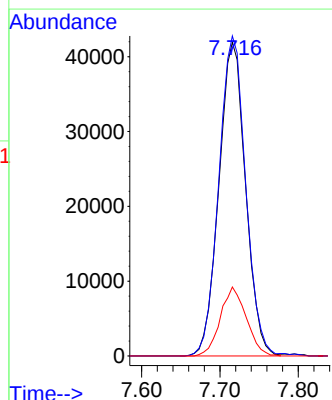
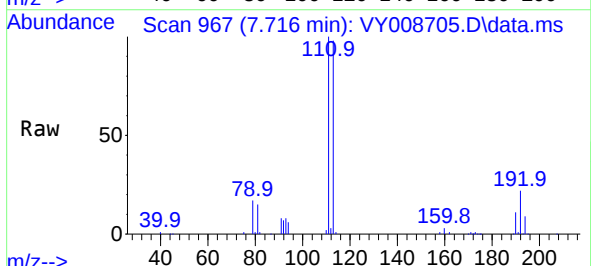
Tgt Ion:113 Resp: 99014

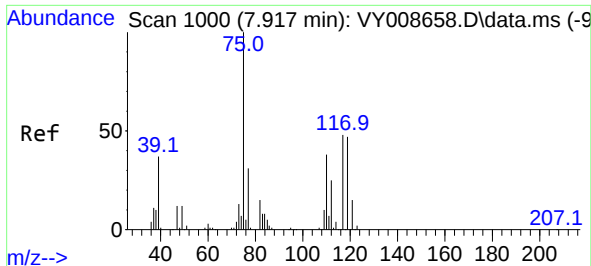
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 21.5 17.6 26.4

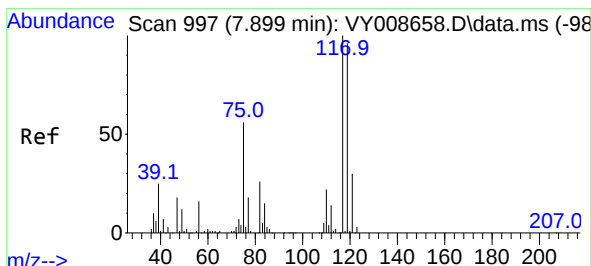
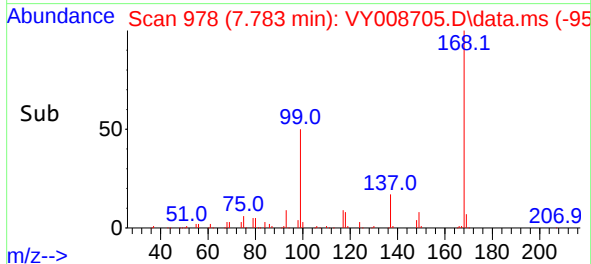
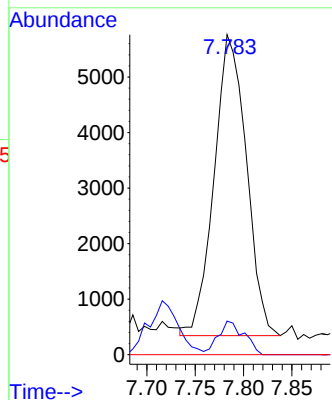
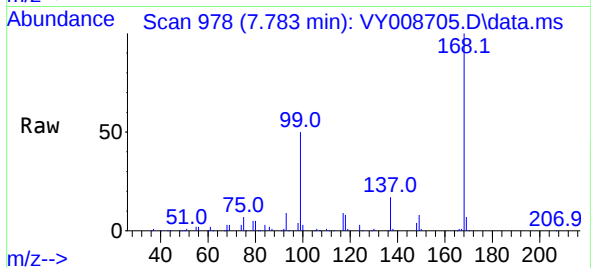




#36
1,1-Dichloropropene
Concen: 3.993 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY008705.D
Acq: 11 May 2022 14:30

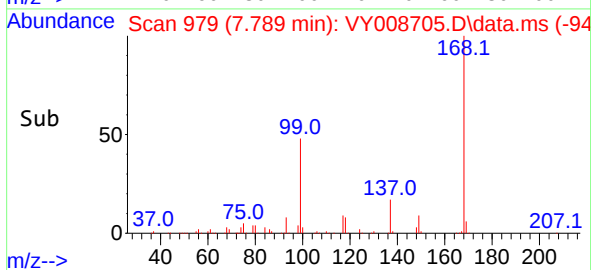
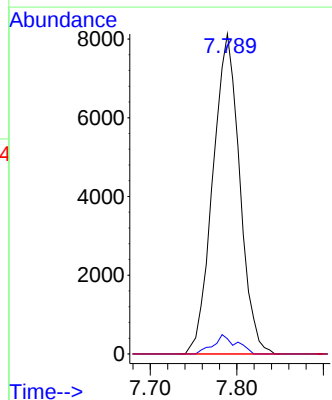
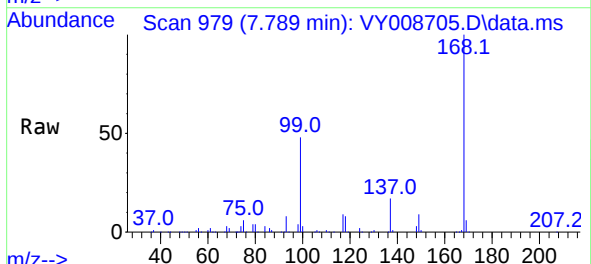
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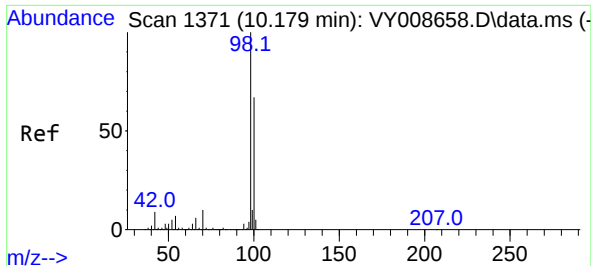
Tgt Ion: 75 Resp: 12549
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008705.D
Acq: 11 May 2022 14:30

Tgt Ion: 117 Resp: 17505
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#

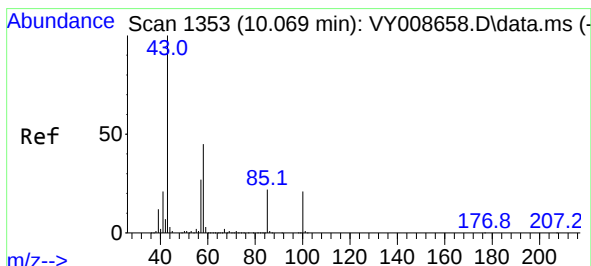
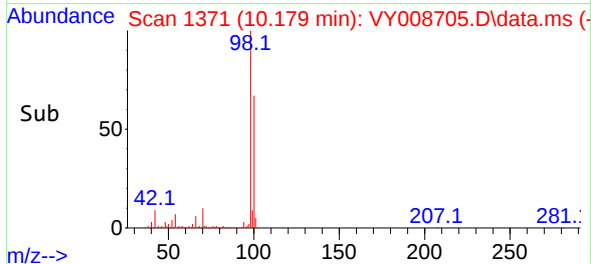
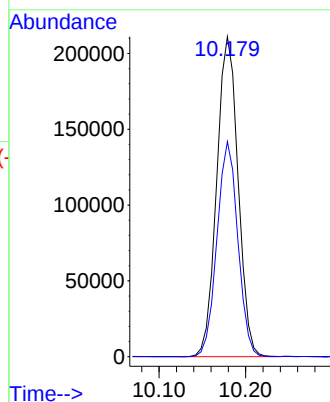
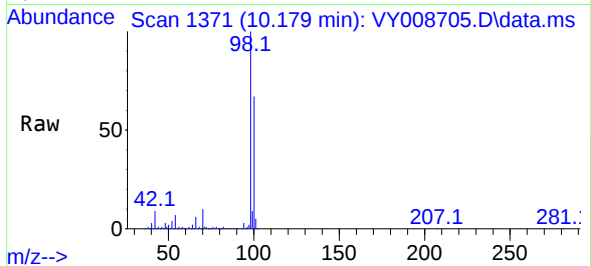




#50
Toluene-d8
Concen: 52.468 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008705.D
Acq: 11 May 2022 14:30

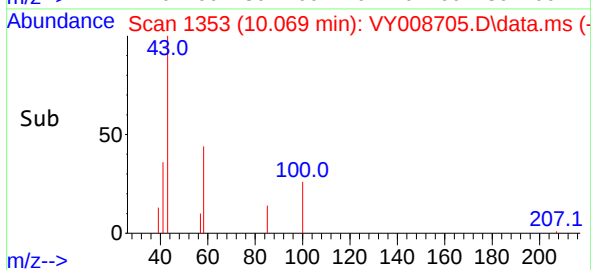
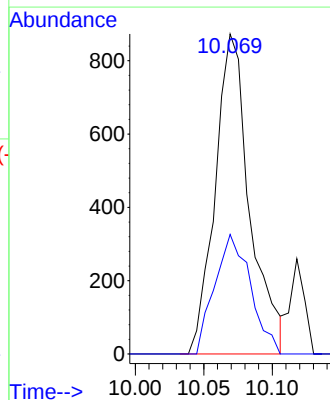
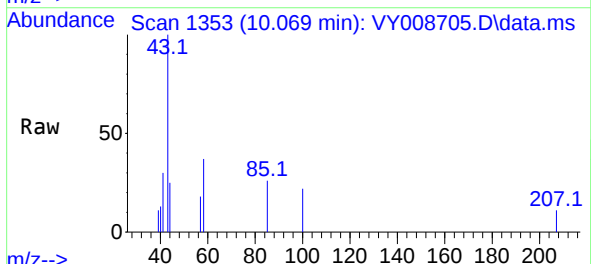
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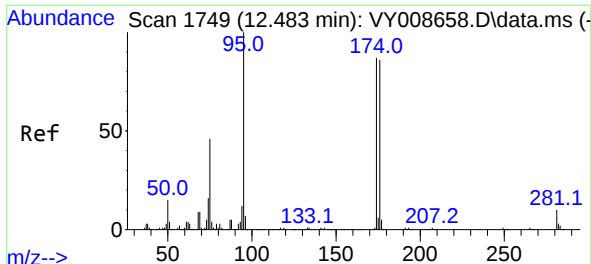
Tgt Ion: 98 Resp: 361687
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.032 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008705.D
Acq: 11 May 2022 14:30

Tgt Ion: 43 Resp: 1533
Ion Ratio Lower Upper
43 100
58 38.7 28.1 42.1

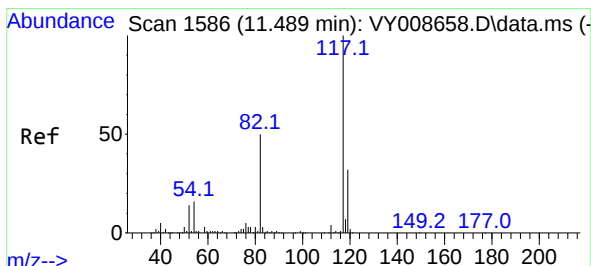
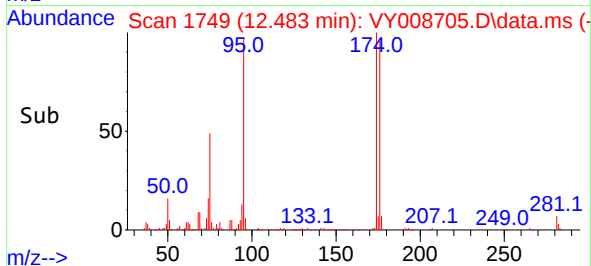
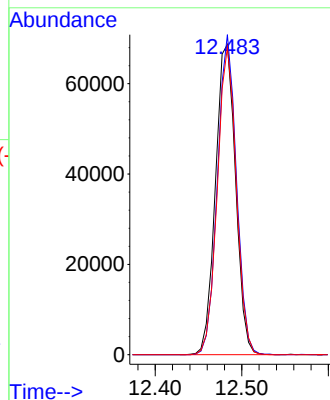
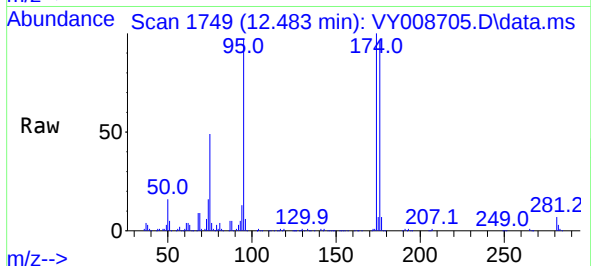




#62
4-Bromofluorobenzene
Concen: 44.665 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008705.D
Acq: 11 May 2022 14:30

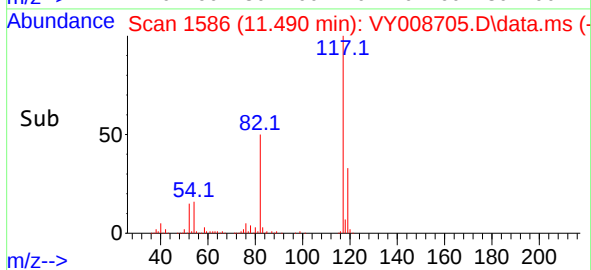
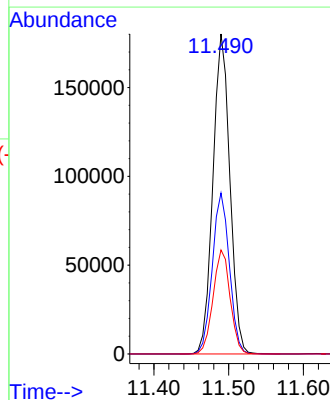
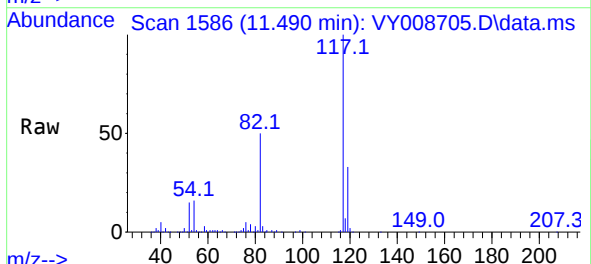
Instrument :
MSVOA_Y
ClientSampleId :
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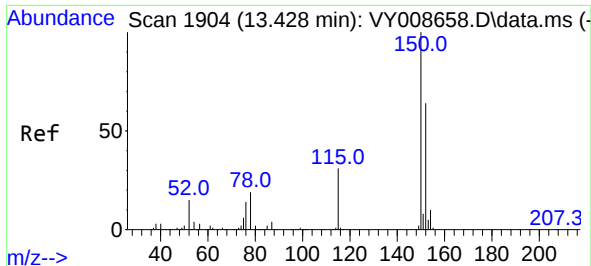
Tgt Ion: 95 Resp: 110774
Ion Ratio Lower Upper
95 100
174 97.1 0.0 177.0
176 93.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008705.D
Acq: 11 May 2022 14:30

Tgt Ion: 117 Resp: 284659
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 32.5 25.4 38.0

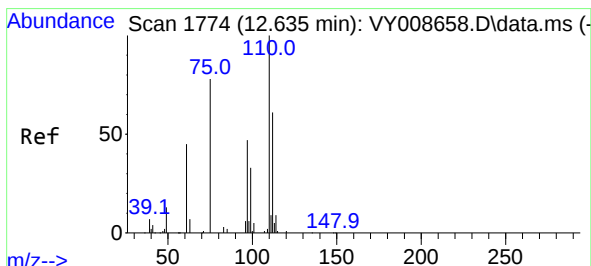
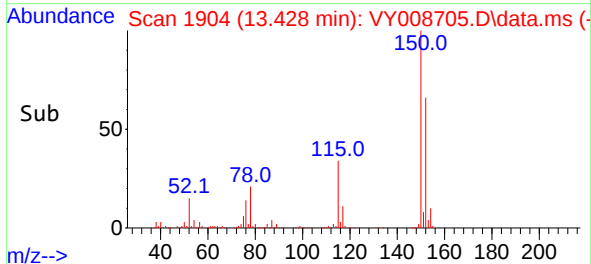
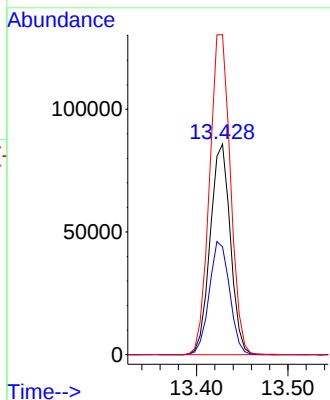
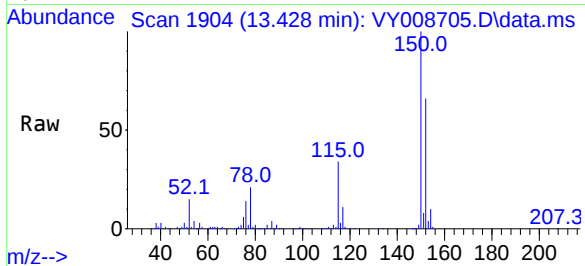




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008705.D
Acq: 11 May 2022 14:30

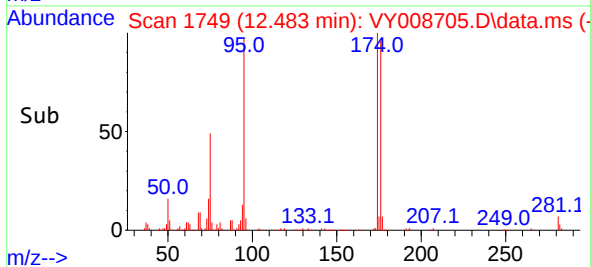
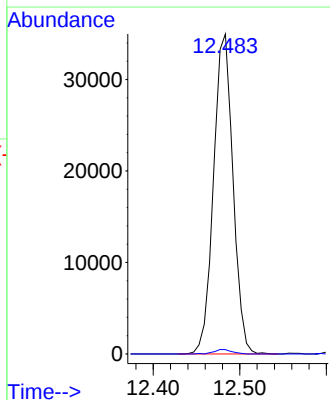
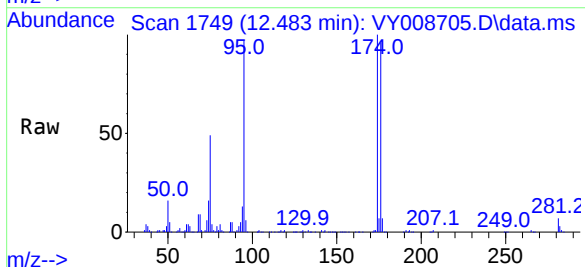
Instrument :
MSVOA_Y
ClientSampleId :
SB19

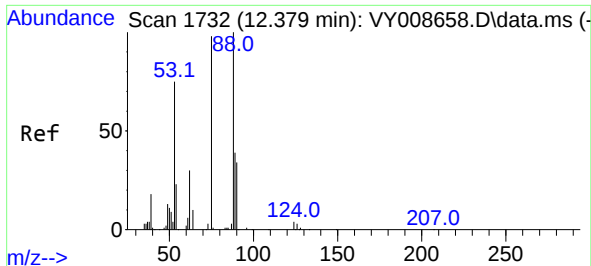
Tgt Ion:152 Resp: 131718
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 157.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 36.733 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008705.D
Acq: 11 May 2022 14:30

Tgt Ion: 75 Resp: 54542
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.083 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008705.D
 Acq: 11 May 2022 14:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB19

Tgt Ion: 75 Resp: 54542
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

