

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008584.D
 Acq On : 03 May 2022 12:11
 Operator : KP/MD
 Sample : N2605-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-042822

Quant Time: May 03 16:56:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

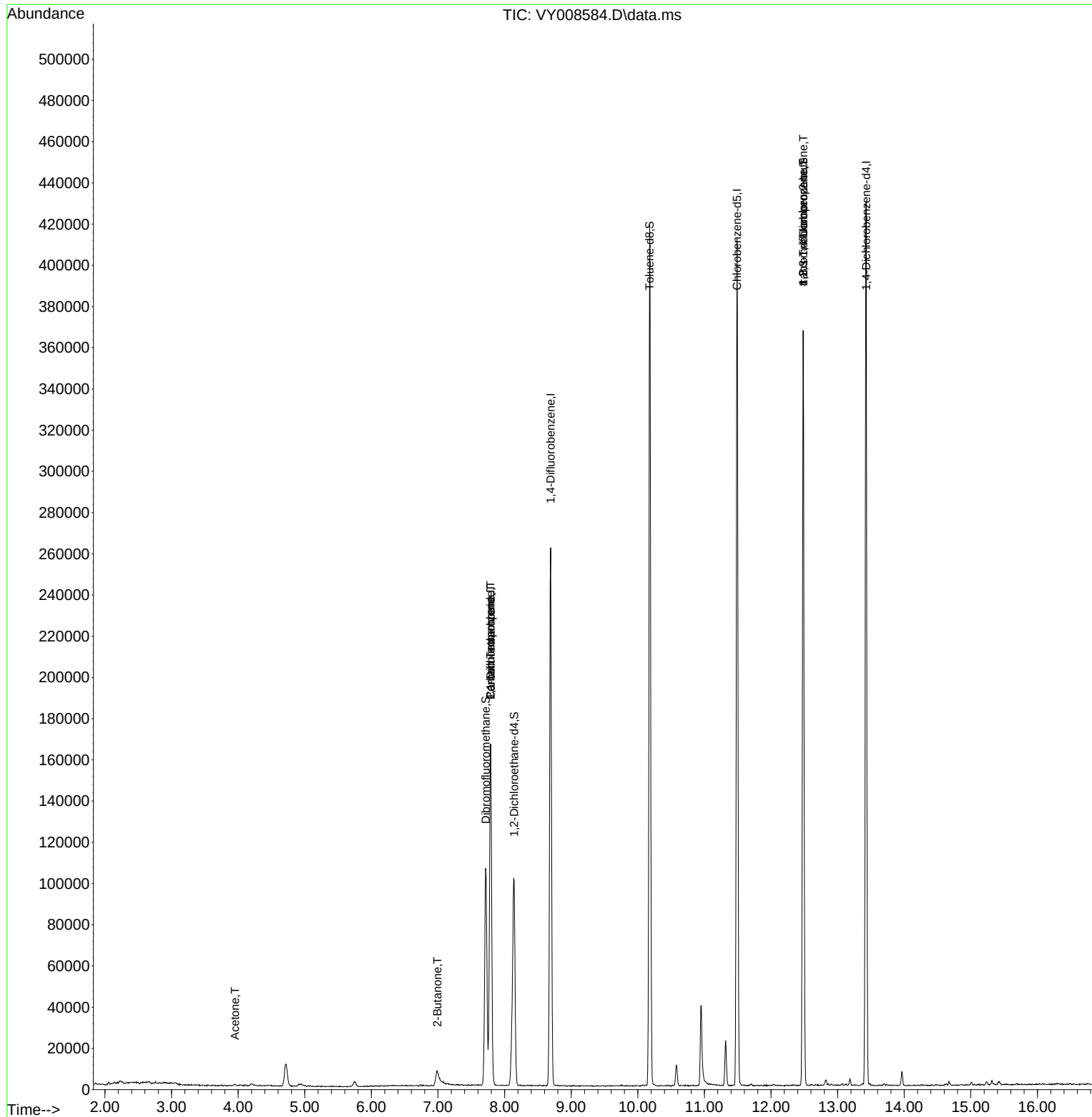
Internal Standards						
1) Pentafluorobenzene	7.789	168	141256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	241097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	246148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68784	50.101	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.200%			
35) Dibromofluoromethane	7.716	113	75882	47.565	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.120%			
50) Toluene-d8	10.179	98	286582	50.705	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.400%			
62) 4-Bromofluorobenzene	12.483	95	102545	49.501	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.000%			
Target Compounds						
5) Bromomethane	2.662	94	323	Below Cal	#	50
11) Tert butyl alcohol	4.930	59	1946	Below Cal	#	77
16) Acetone	3.954	43	750	2.535	ug/l	91
18) Methyl Acetate	4.473	43	460	Below Cal	#	56
20) Methylene Chloride	4.710	84	9233	Below Cal	#	77
25) 2-Butanone	6.990	43	485	1.021	ug/l #	54
36) 1,1-Dichloropropene	7.789	75	9351	3.769	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13064	4.616	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	50813	40.532	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50813	82.176	ug/l #	7

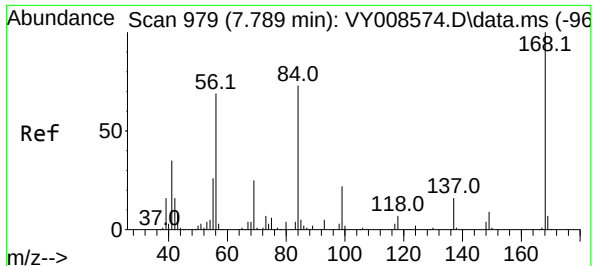
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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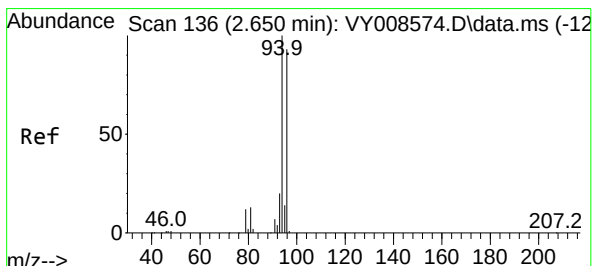
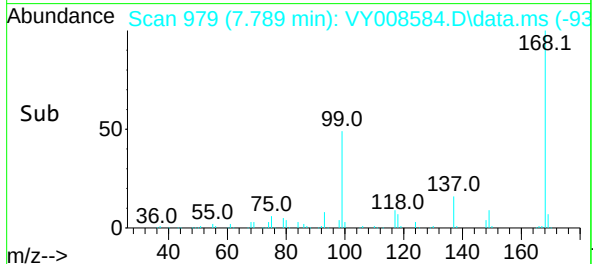
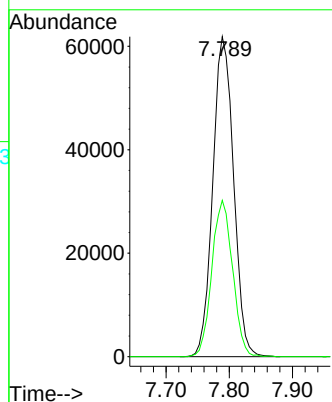
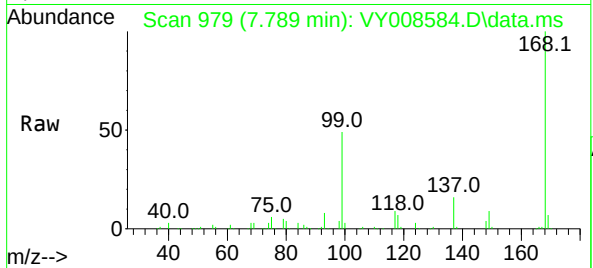




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008584.D
Acq: 03 May 2022 12:11

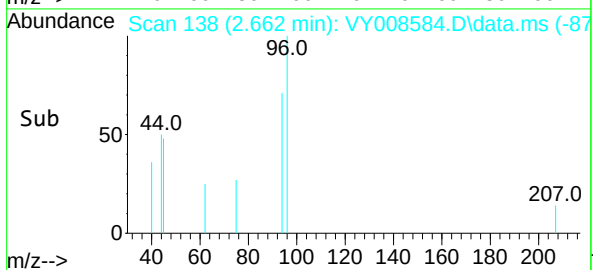
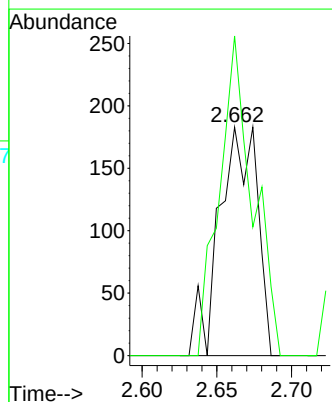
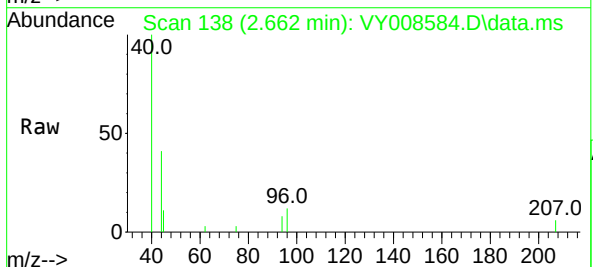
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042822

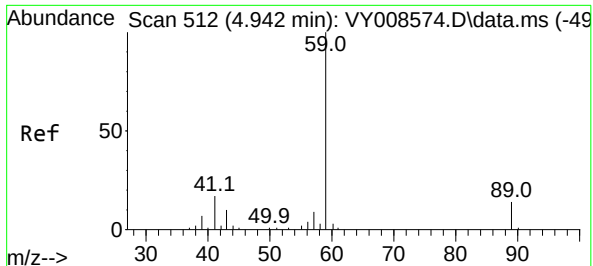
Tgt Ion:168 Resp: 141256
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008584.D
Acq: 03 May 2022 12:11

Tgt Ion: 94 Resp: 323
Ion Ratio Lower Upper
94 100
96 139.9 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 512

Delta R.T. -0.012 min

Lab File: VY008584.D

Acq: 03 May 2022 12:11

Instrument :

MSVOA_Y

ClientSampleId :

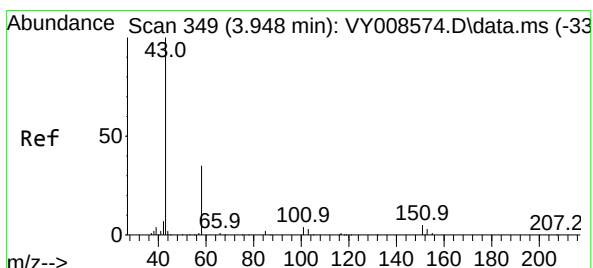
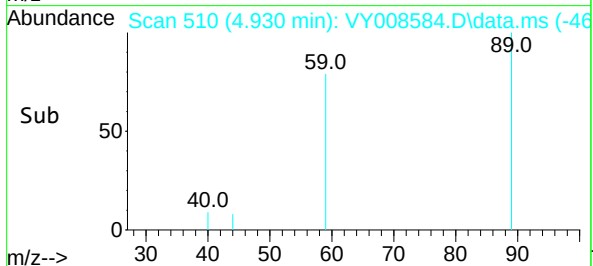
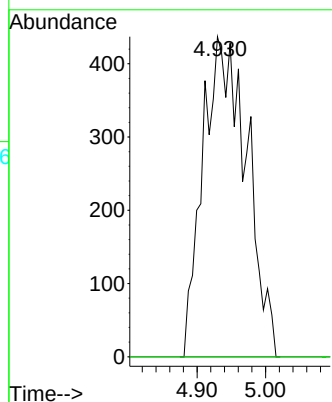
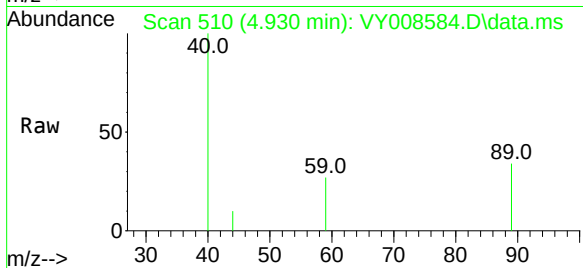
TR-05-042822

Tgt Ion: 59 Resp: 1946

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.535 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY008584.D

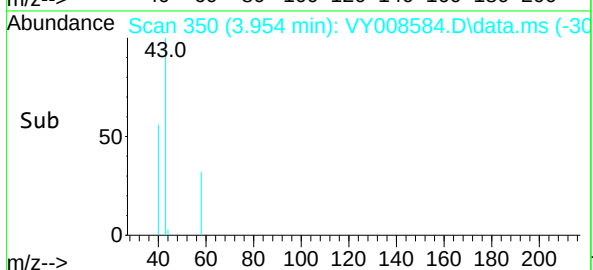
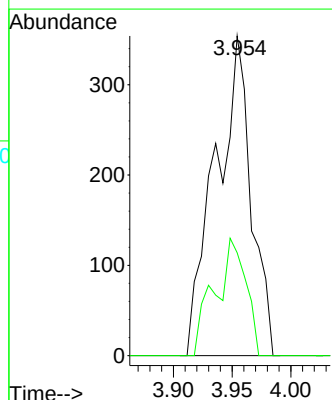
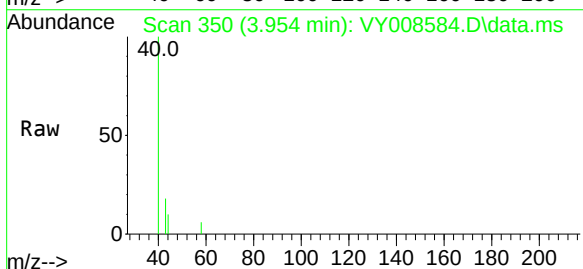
Acq: 03 May 2022 12:11

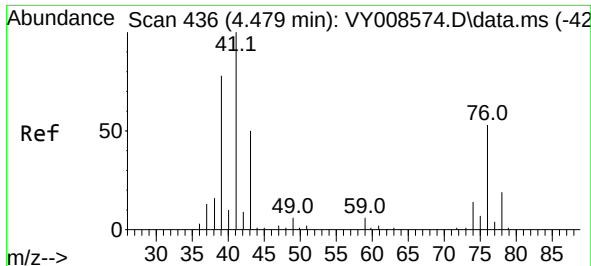
Tgt Ion: 43 Resp: 750

Ion Ratio Lower Upper

43 100

58 32.2 22.0 33.0

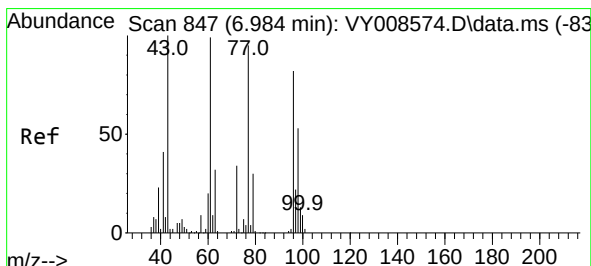
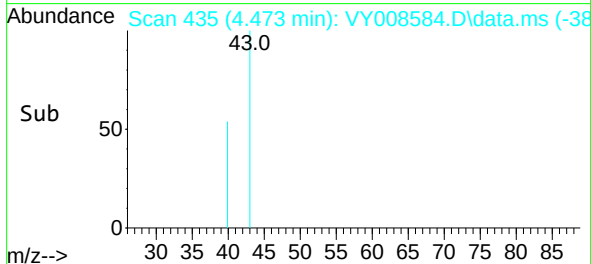
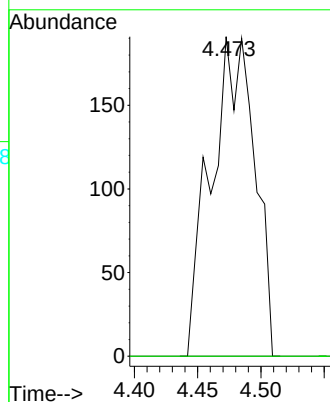
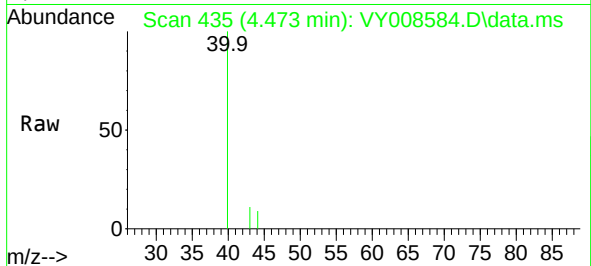




#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008584.D
Acq: 03 May 2022 12:11

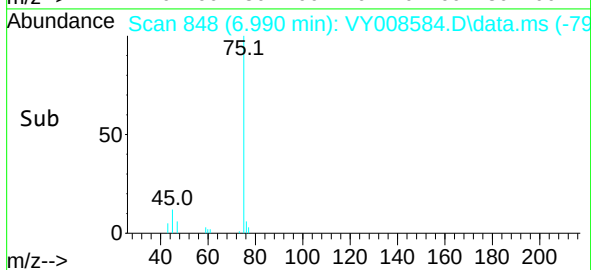
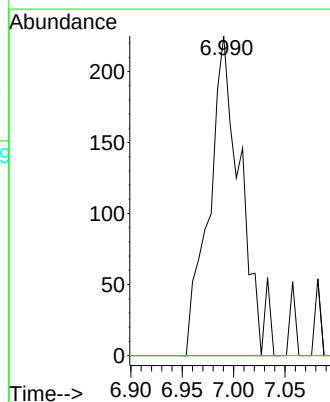
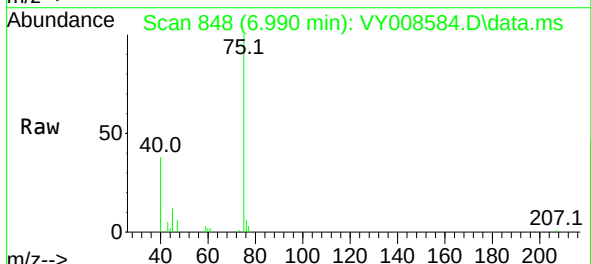
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042822

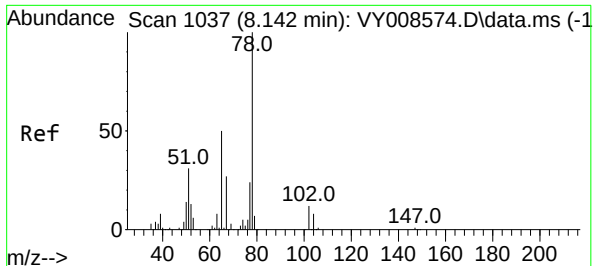
Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 1.021 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008584.D
Acq: 03 May 2022 12:11

Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 50.101 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY008584.D

Acq: 03 May 2022 12:11

Instrument :

MSVOA_Y

ClientSampleId :

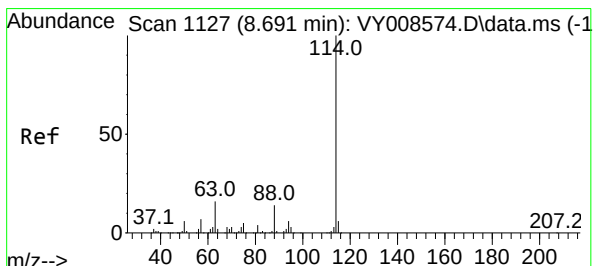
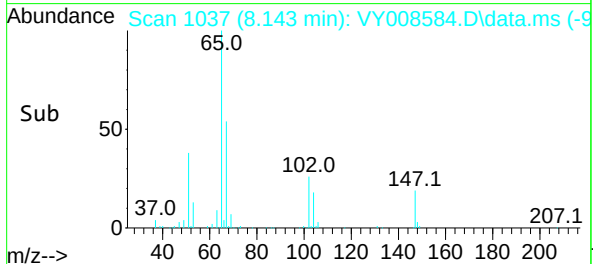
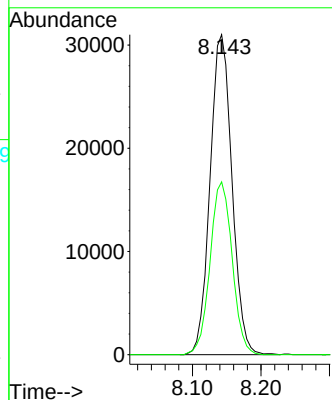
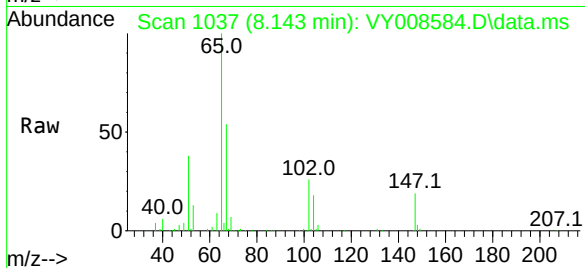
TR-05-042822

Tgt Ion: 65 Resp: 68784

Ion Ratio Lower Upper

65 100

67 54.5 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: VY008584.D

Acq: 03 May 2022 12:11

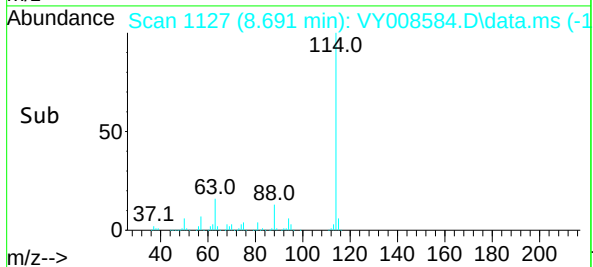
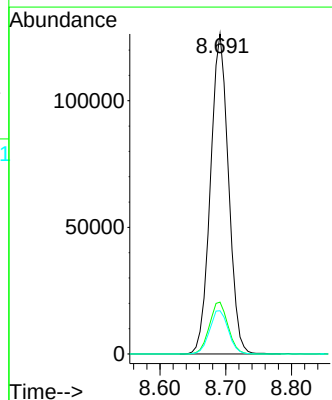
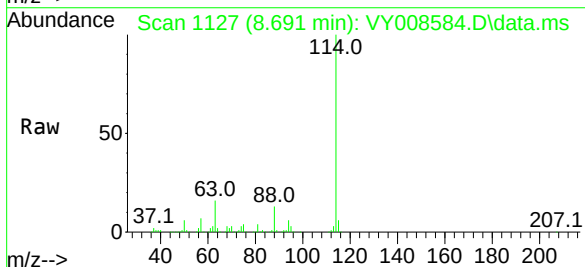
Tgt Ion: 114 Resp: 241097

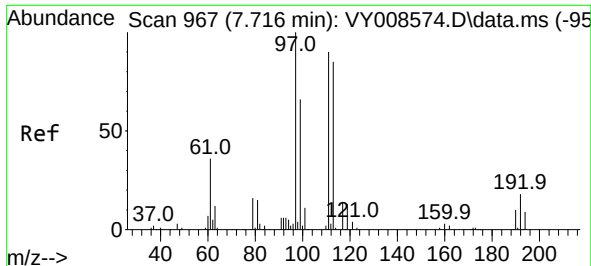
Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 13.5 0.0 31.8

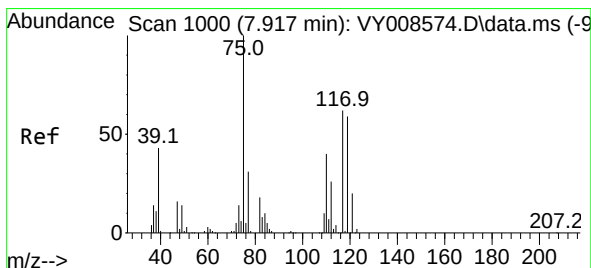
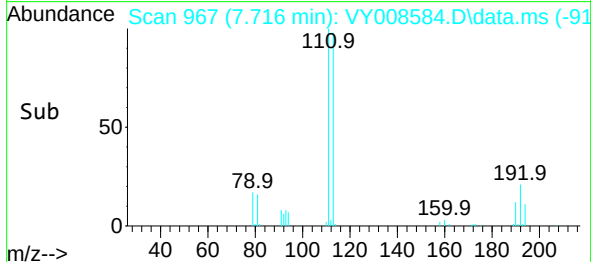
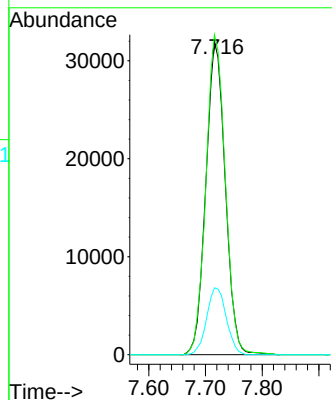
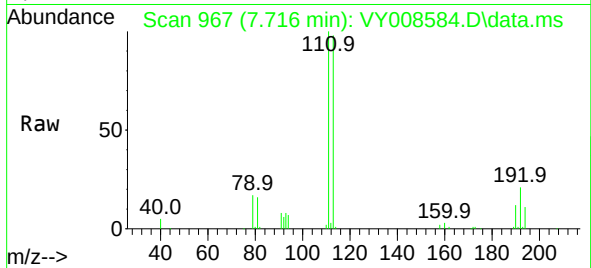




#35
Dibromofluoromethane
Concen: 47.565 ug/l
RT: 7.716 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY008584.D
Acq: 03 May 2022 12:11

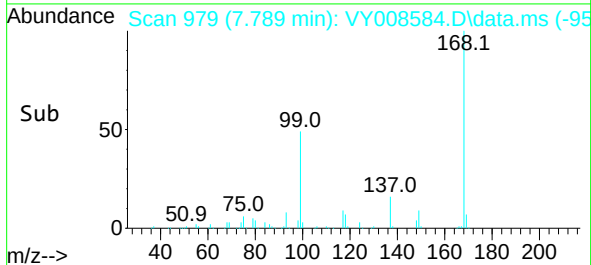
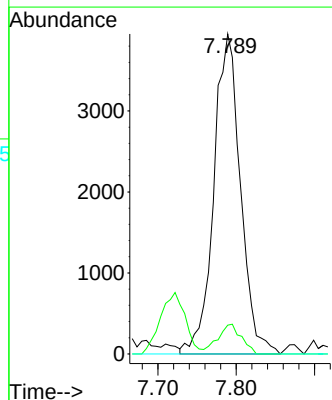
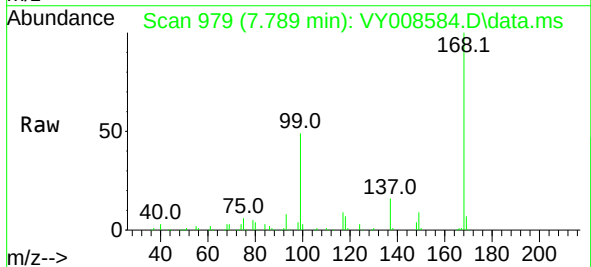
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ClientSampleId :
TR-05-042822

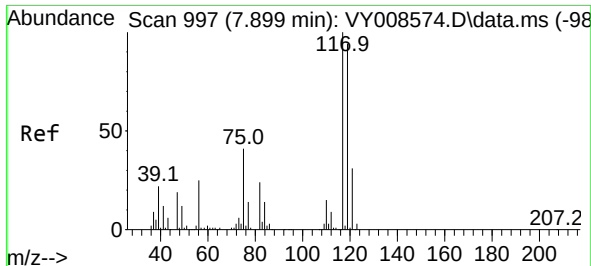
Tgt Ion:113 Resp: 75882
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 21.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.769 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008584.D
Acq: 03 May 2022 12:11

Tgt Ion: 75 Resp: 9351
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.2#
77 0.0 24.4 36.6#

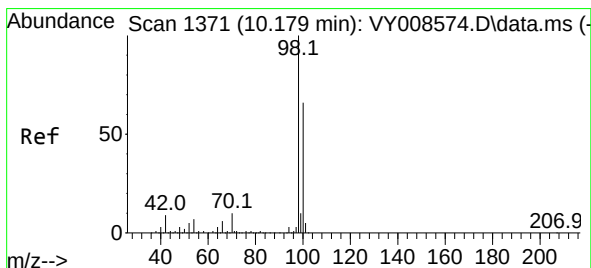
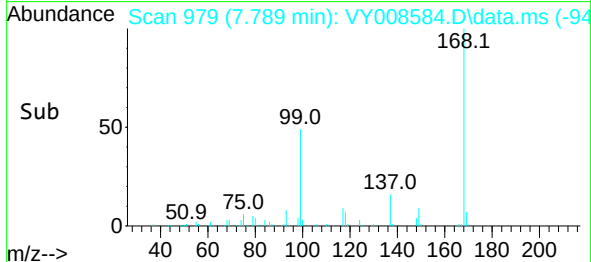
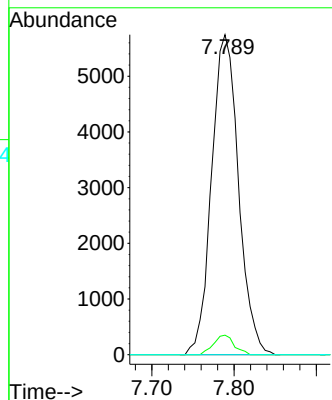
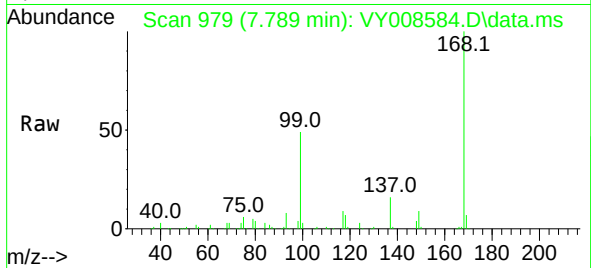




#38
Carbon Tetrachloride
Concen: 4.616 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008584.D
Acq: 03 May 2022 12:11

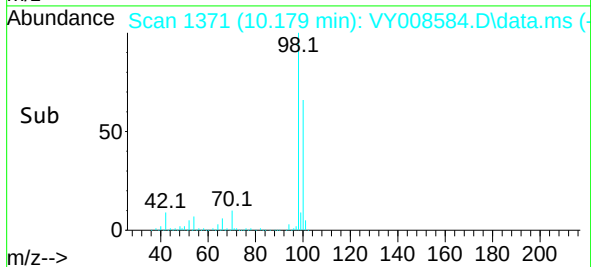
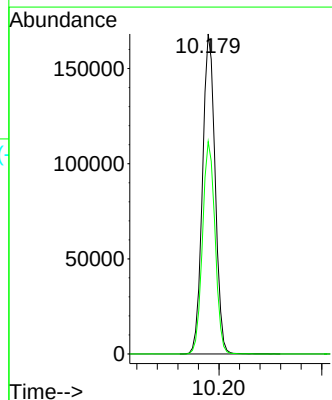
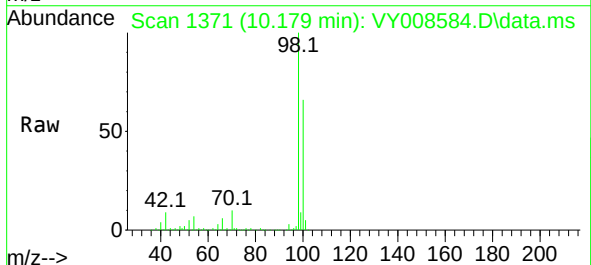
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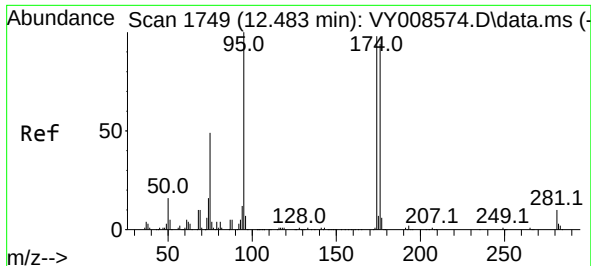
Tgt Ion:117 Resp: 13064
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.705 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008584.D
Acq: 03 May 2022 12:11

Tgt Ion: 98 Resp: 286582
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2

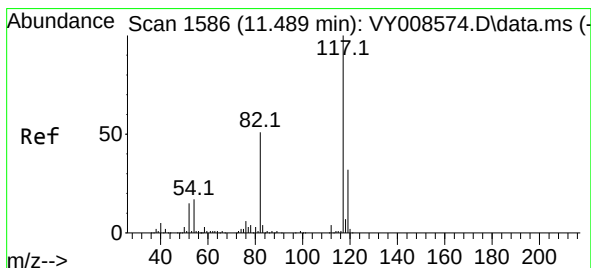
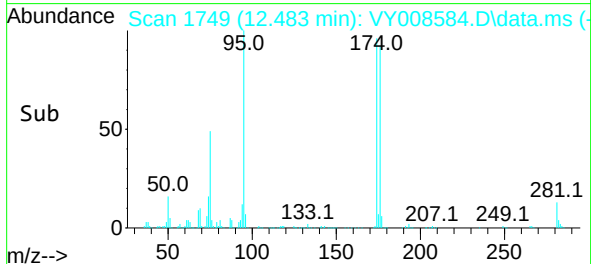
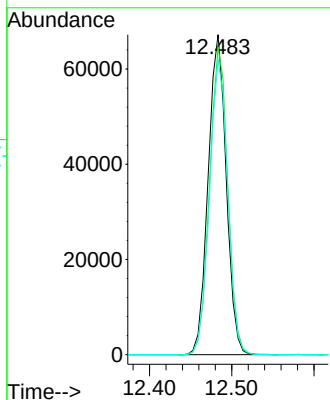
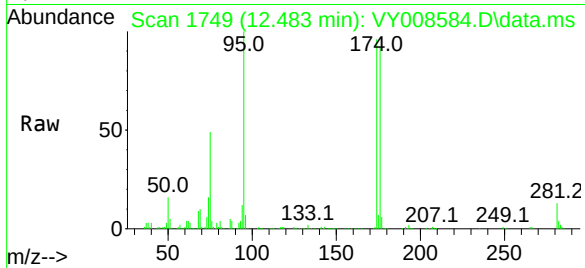




#62
4-Bromofluorobenzene
Concen: 49.501 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008584.D
Acq: 03 May 2022 12:11

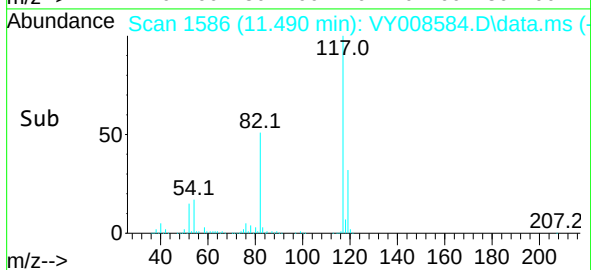
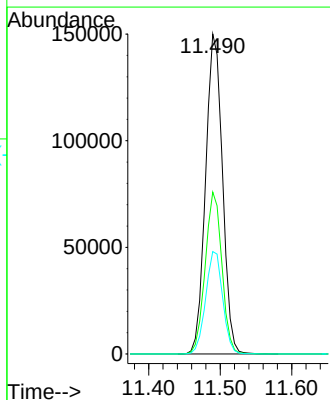
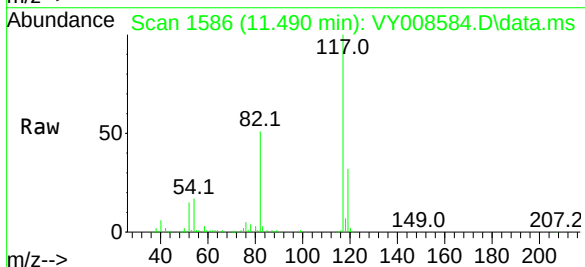
Instrument :
MSVOA_Y
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TR-05-042822

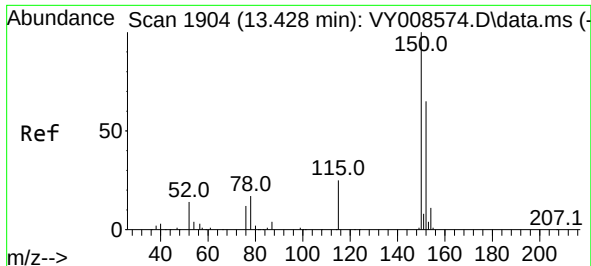
Tgt Ion: 95 Resp: 102545
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 93.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008584.D
Acq: 03 May 2022 12:11

Tgt Ion: 117 Resp: 246148
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 32.0 25.4 38.0

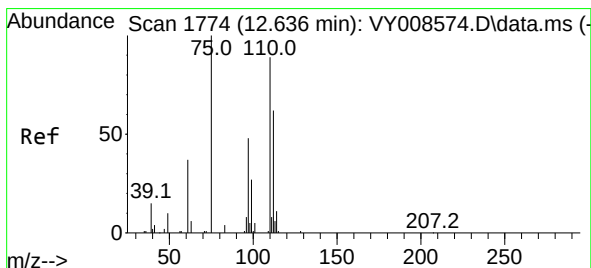
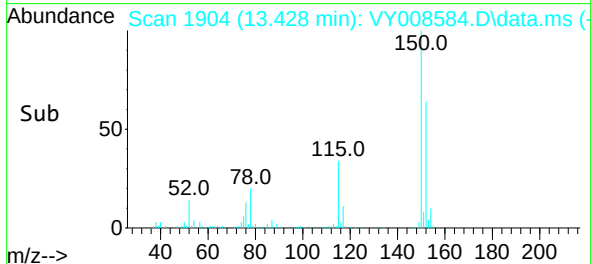
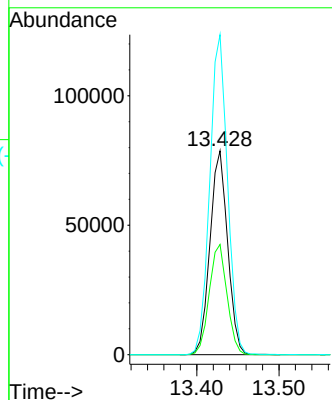
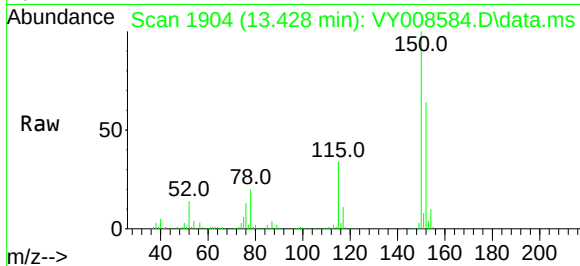




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008584.D
 Acq: 03 May 2022 12:11

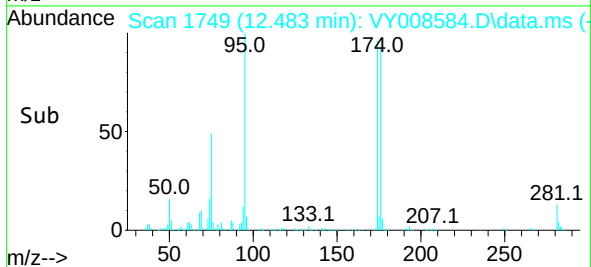
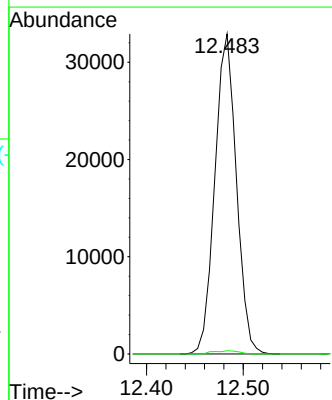
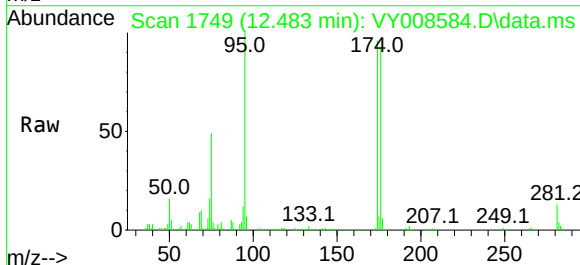
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-042822

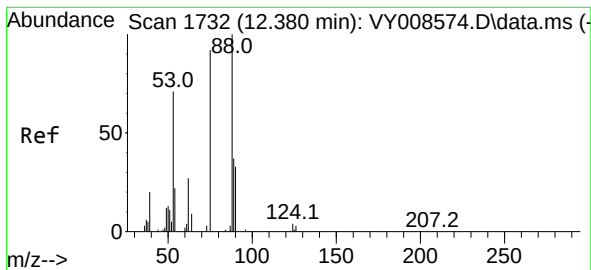
Tgt Ion:152 Resp: 117440
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.2 84.7
 150 157.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.532 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008584.D
 Acq: 03 May 2022 12:11

Tgt Ion: 75 Resp: 50813
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.176 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008584.D
 Acq: 03 May 2022 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-042822

Tgt Ion: 75 Resp: 50813
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

