

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008602.D
 Acq On : 04 May 2022 11:06
 Operator : KP/MD
 Sample : VY0504SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBL01

Quant Time: May 05 04:33:02 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)

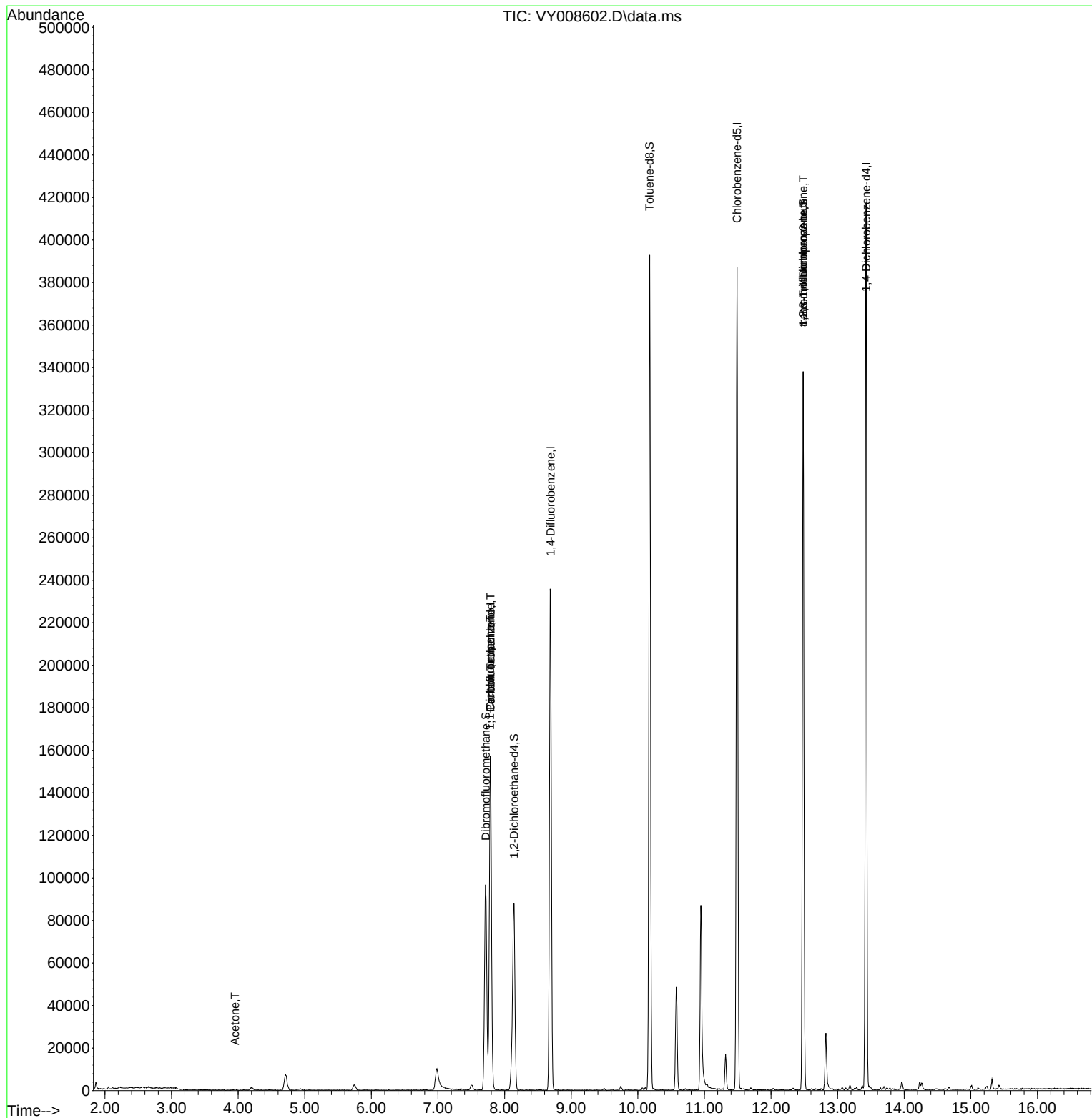
Internal Standards						
1) Pentafluorobenzene	7.789	168	132977	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	223328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	225174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	63446	49.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.180%
35) Dibromofluoromethane	7.716	113	69181	46.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.620%
50) Toluene-d8	10.179	98	263912	50.409	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.483	95	96264	50.166	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.340%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	338	Below Cal	#	76
11) Tert butyl alcohol	4.942	59	657	Below Cal	#	77
16) Acetone	3.954	43	837	3.006	ug/l #	65
18) Methyl Acetate	4.460	43	238	Below Cal	#	56
20) Methylene Chloride	4.710	84	6208	Below Cal	#	75
36) 1,1-Dichloropropene	7.783	75	8362	3.639	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11711	4.467	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47045	39.233	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47045	79.542	ug/l #	7

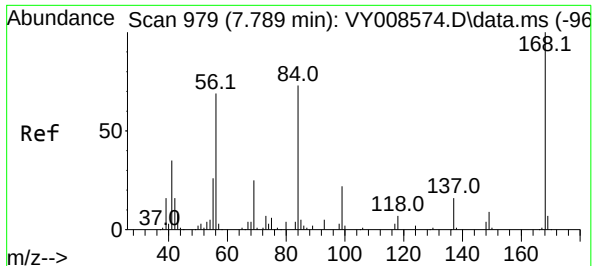
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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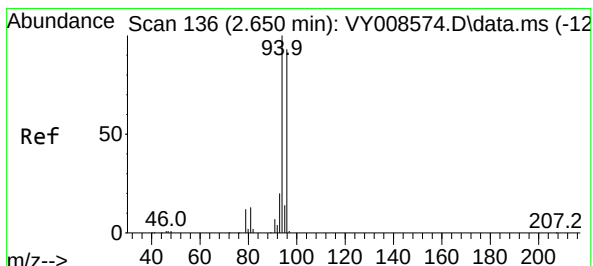
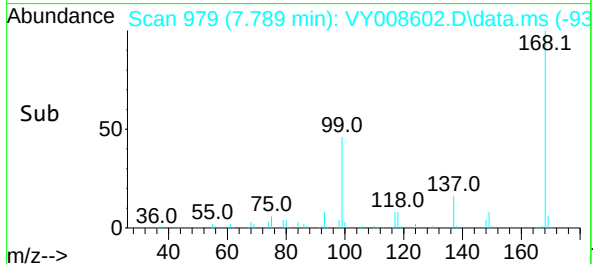
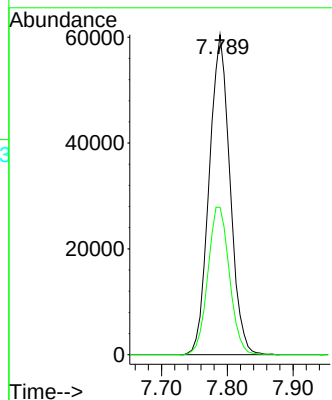
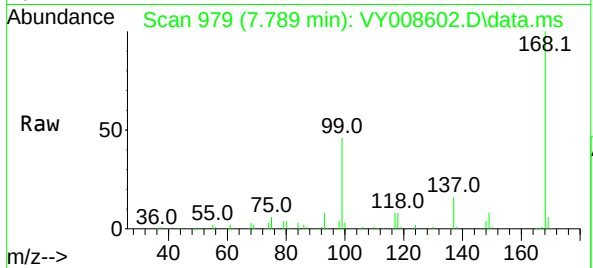




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

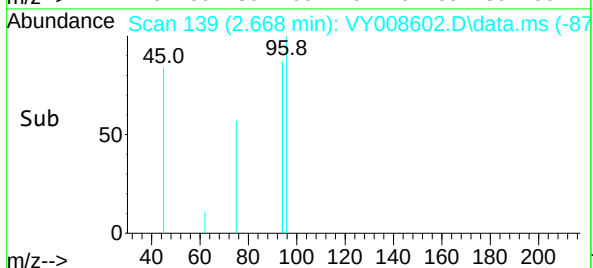
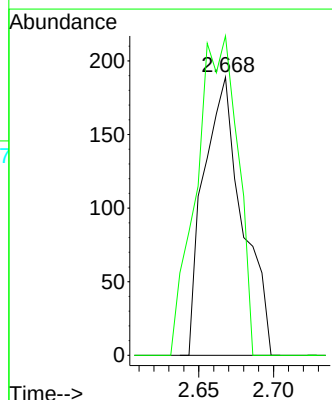
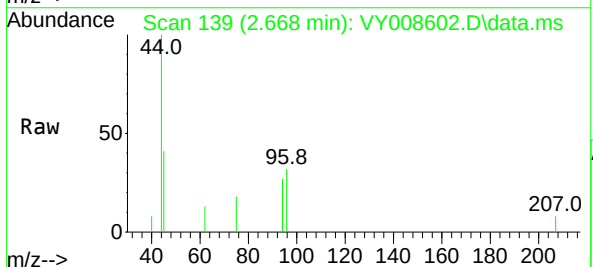
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL01

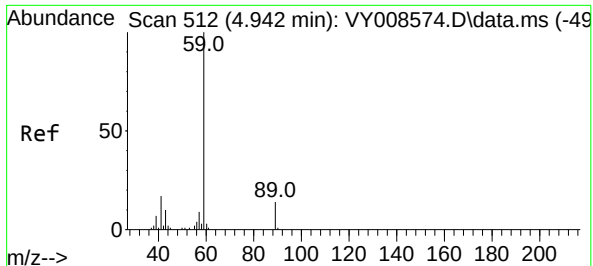
Tgt Ion:168 Resp: 132977
Ion Ratio Lower Upper
168 100
99 46.1 46.9 70.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

Tgt Ion: 94 Resp: 338
Ion Ratio Lower Upper
94 100
96 114.8 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 512

Delta R.T. -0.000 min

Lab File: VY008602.D

Acq: 04 May 2022 11:06

Instrument :

MSVOA_Y

ClientSampleId :

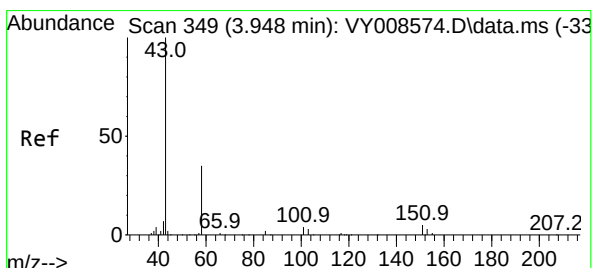
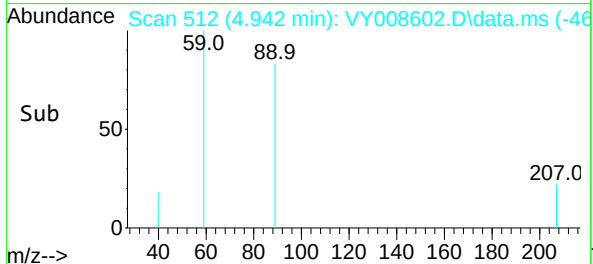
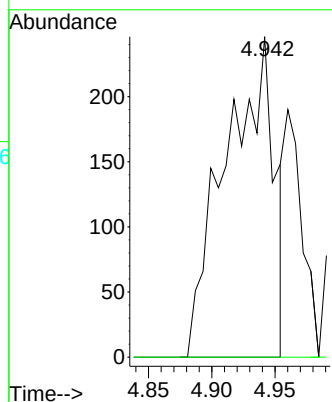
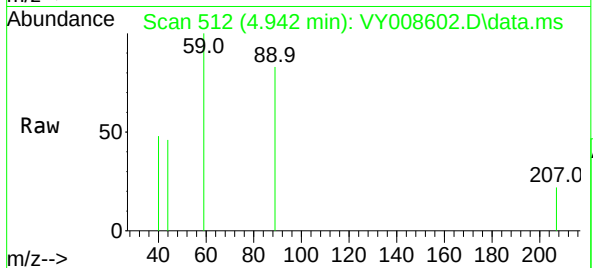
VY0504SBL01

Tgt Ion: 59 Resp: 657

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.006 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY008602.D

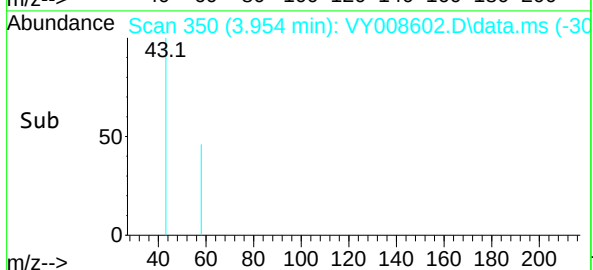
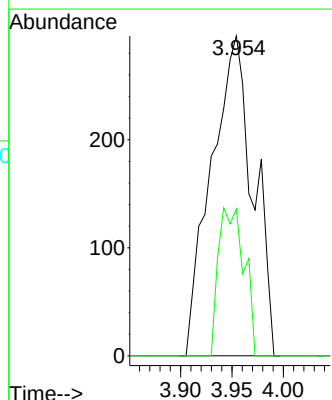
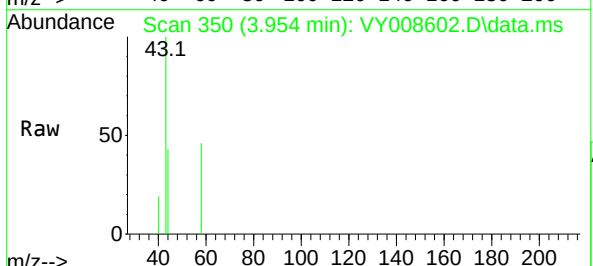
Acq: 04 May 2022 11:06

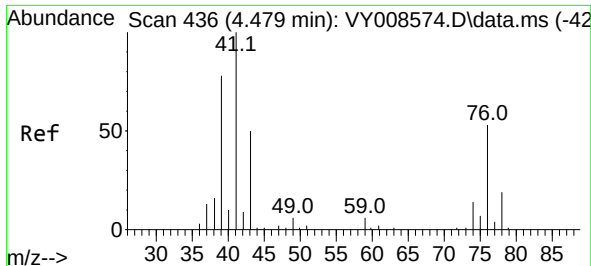
Tgt Ion: 43 Resp: 837

Ion Ratio Lower Upper

43 100

58 45.9 22.0 33.0#

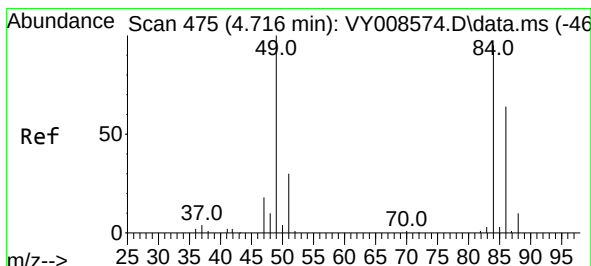
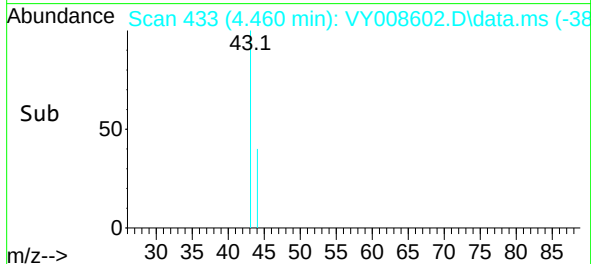
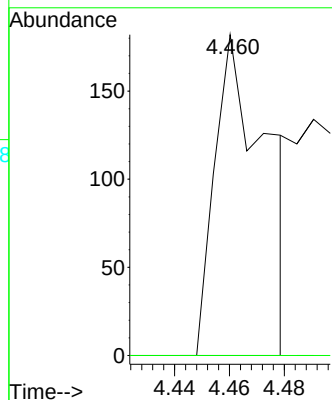
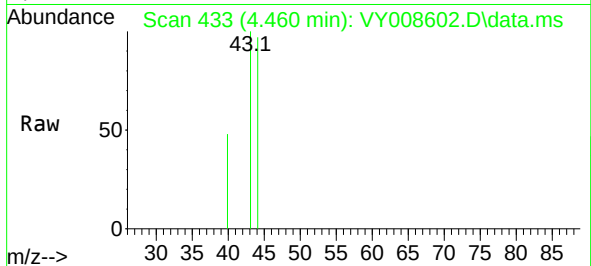




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.019 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

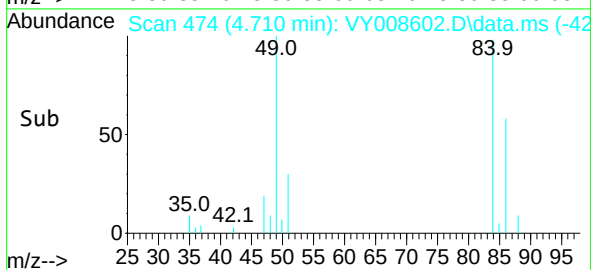
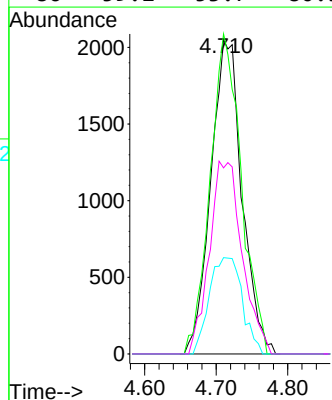
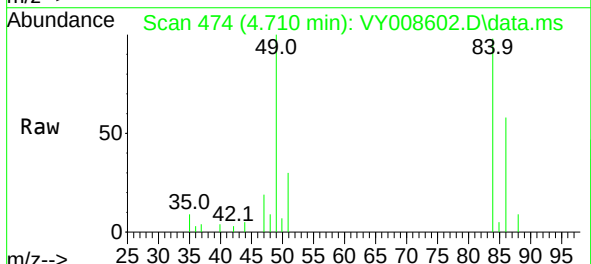
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL01

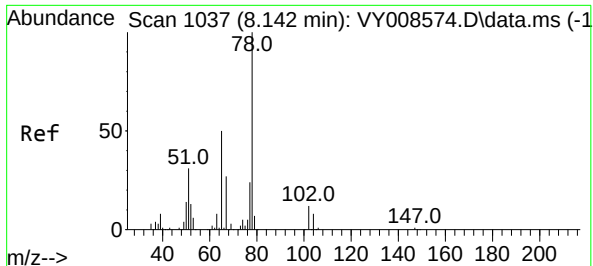
Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

Tgt Ion: 84 Resp: 6208
Ion Ratio Lower Upper
84 100
49 101.8 114.4 171.6#
51 30.6 35.3 52.9#
86 59.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 49.090 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008602.D

Acq: 04 May 2022 11:06

Instrument :

MSVOA_Y

ClientSampleId :

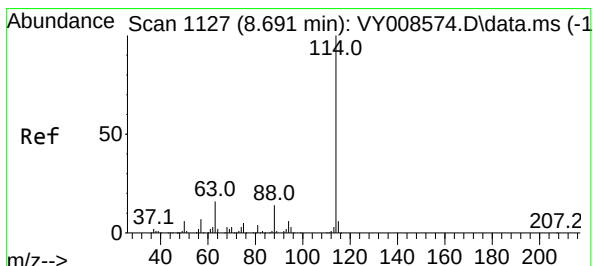
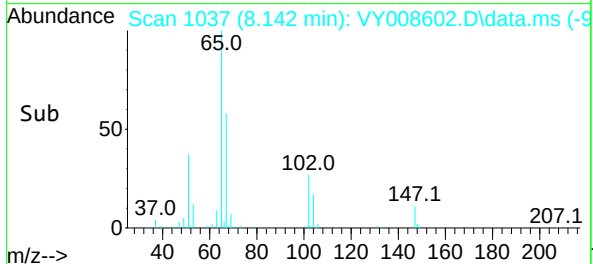
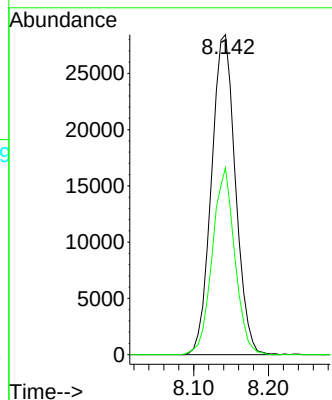
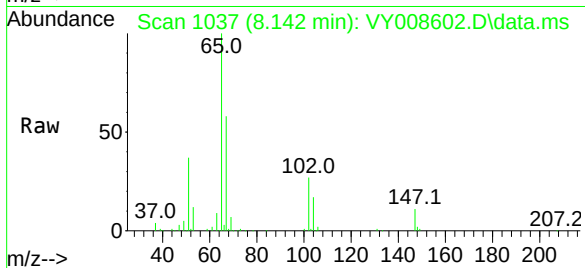
VY0504SBL01

Tgt Ion: 65 Resp: 63446

Ion Ratio Lower Upper

65 100

67 54.7 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: VY008602.D

Acq: 04 May 2022 11:06

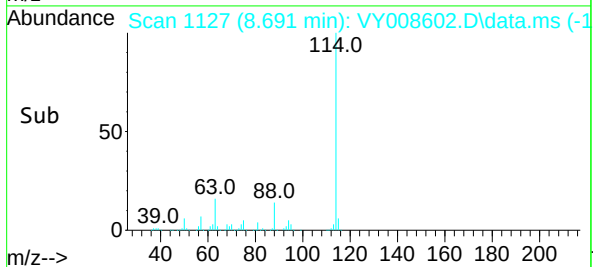
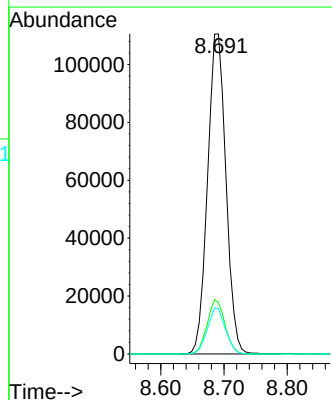
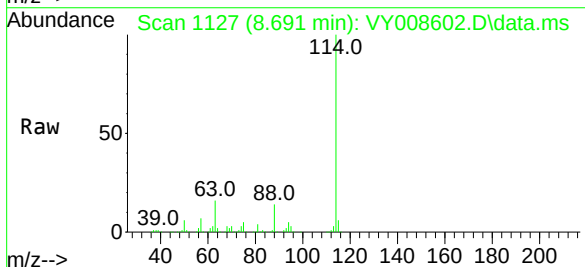
Tgt Ion: 114 Resp: 223328

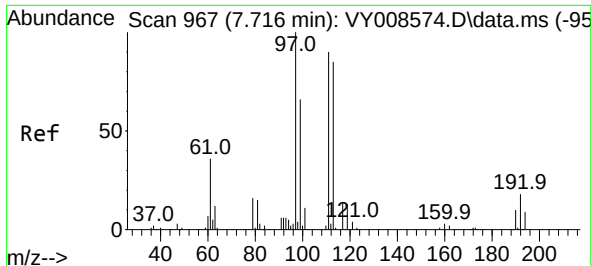
Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 14.1 0.0 31.8

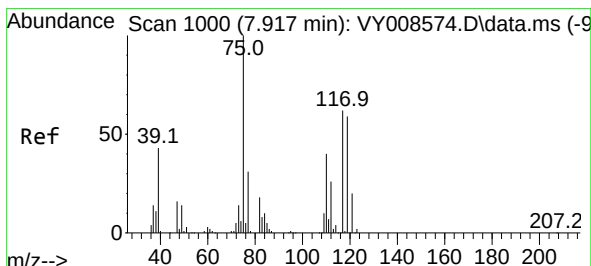
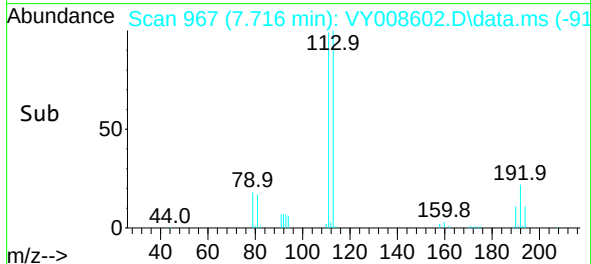
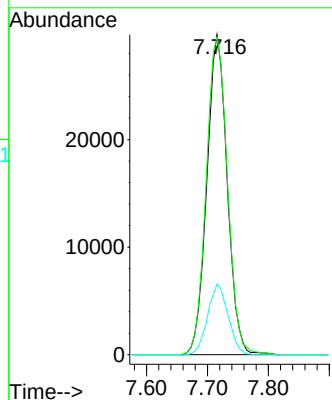
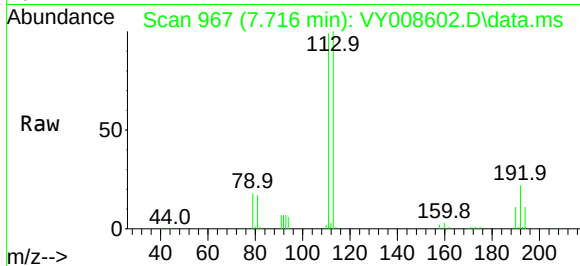




#35
Dibromofluoromethane
Concen: 46.815 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

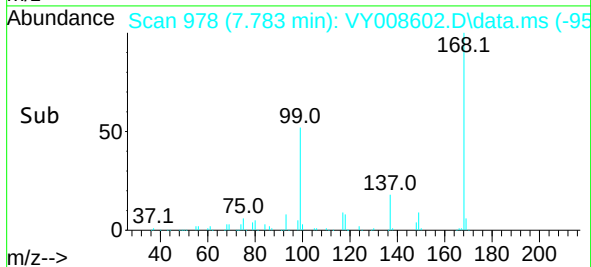
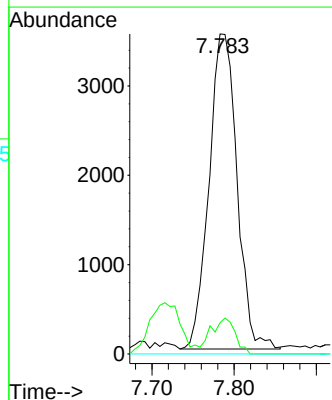
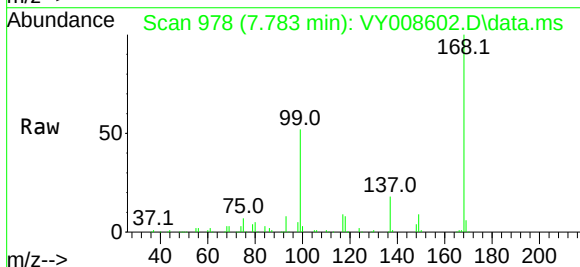
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL01

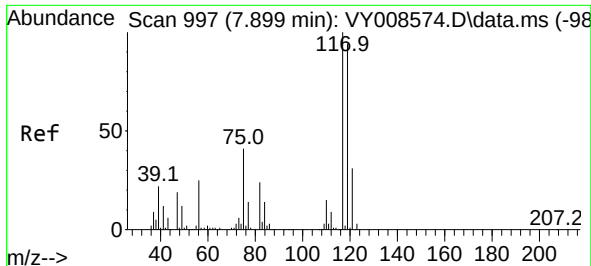
Tgt Ion:113 Resp: 69181
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 22.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.639 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

Tgt Ion: 75 Resp: 8362
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

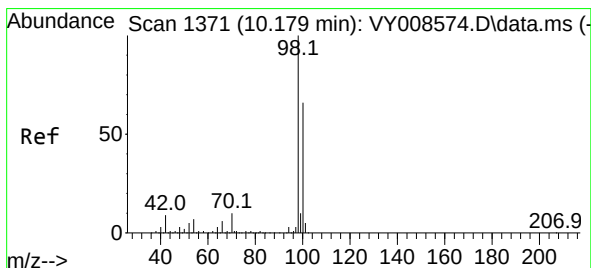
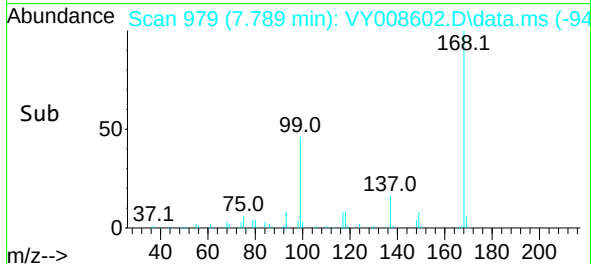
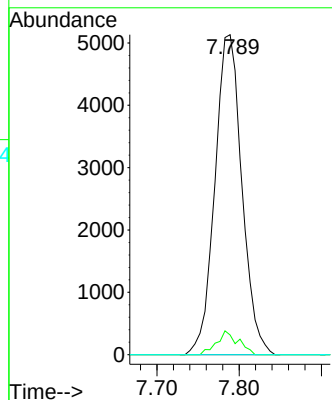
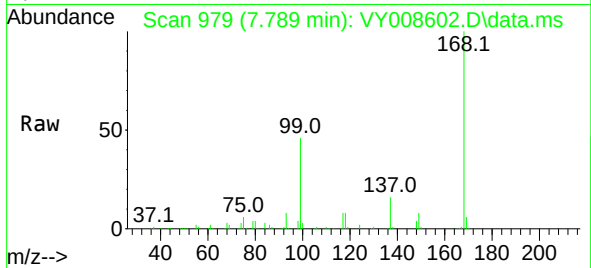




#38
Carbon Tetrachloride
Concen: 4.467 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

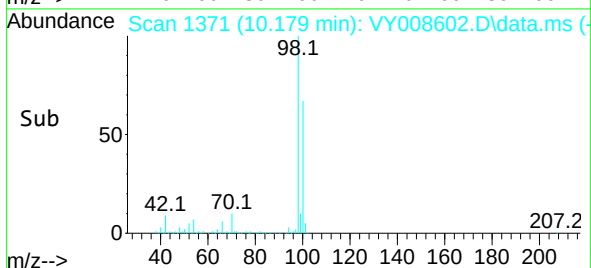
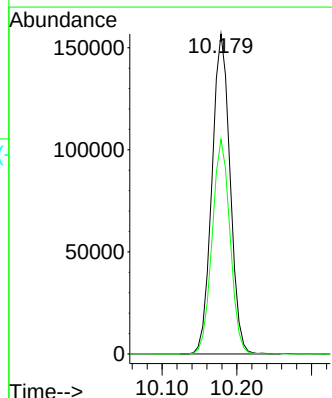
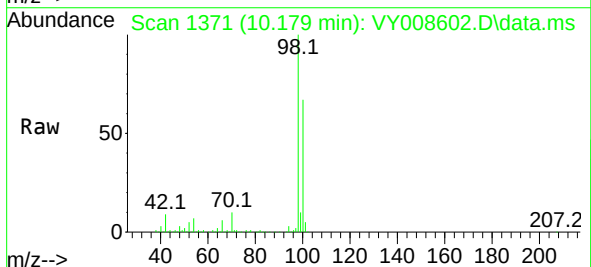
Instrument :
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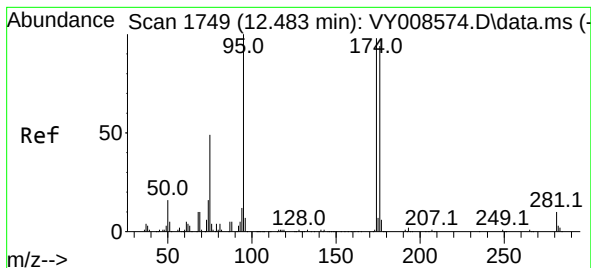
Tgt Ion:117 Resp: 11711
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.409 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

Tgt Ion: 98 Resp: 263912
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2

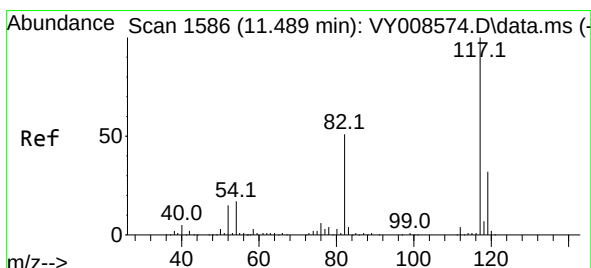
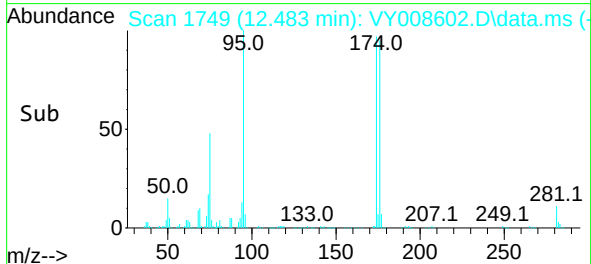
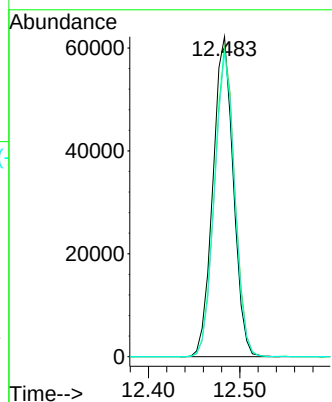
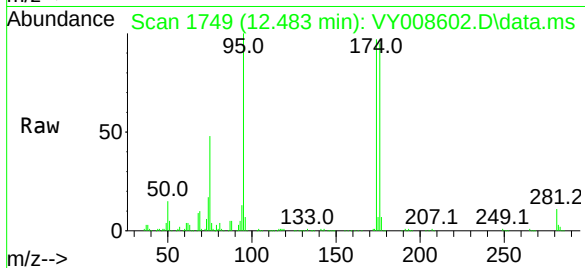




#62
4-Bromofluorobenzene
Concen: 50.166 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

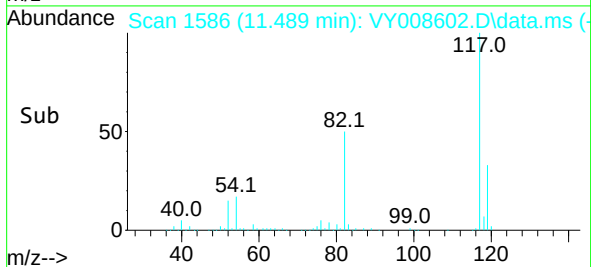
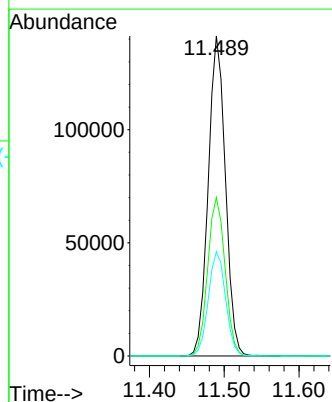
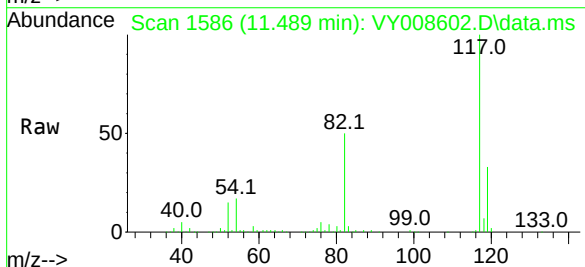
Instrument :
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VY0504SBL01

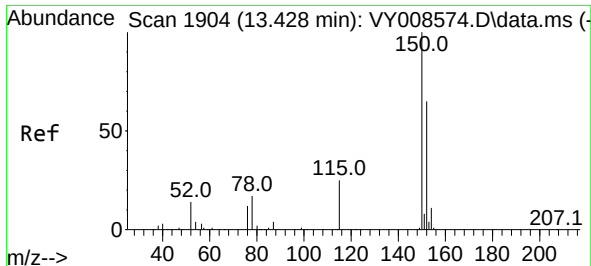
Tgt Ion: 95 Resp: 96264
Ion Ratio Lower Upper
95 100
174 96.4 0.0 177.0
176 93.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

Tgt Ion: 117 Resp: 225174
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 32.6 25.4 38.0

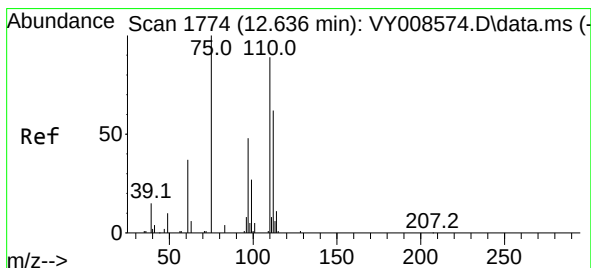
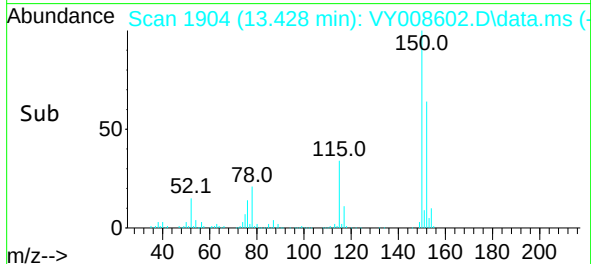
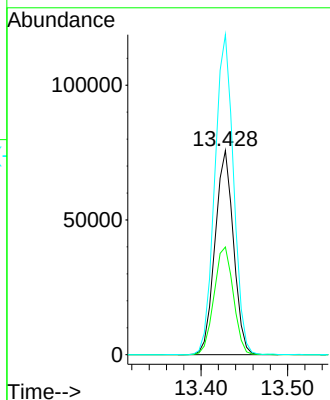
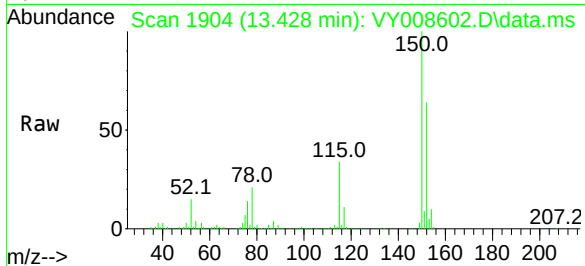




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008602.D
 Acq: 04 May 2022 11:06

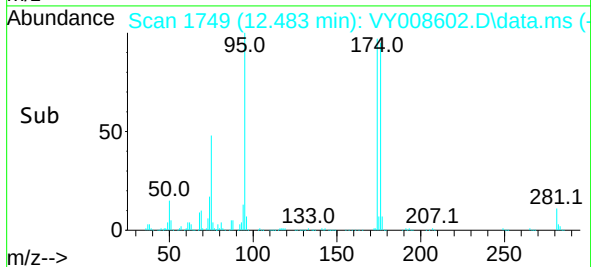
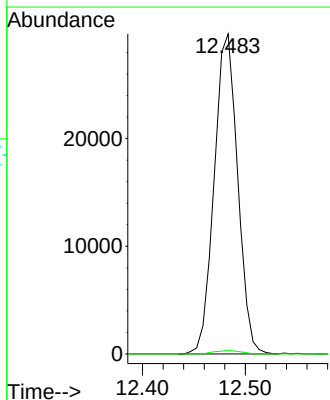
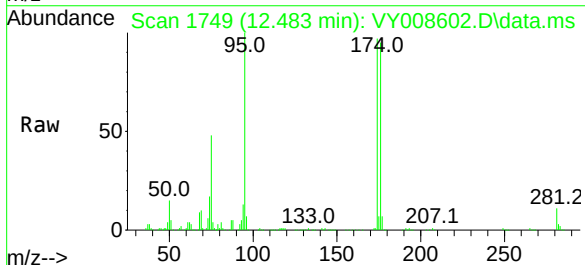
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBL01

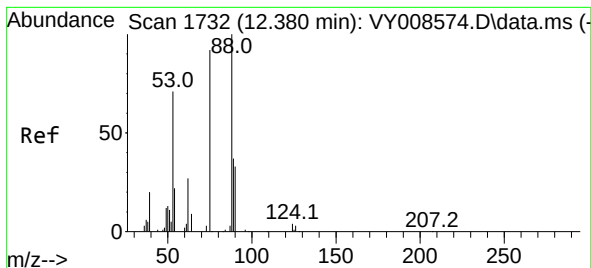
Tgt Ion:152 Resp: 112331
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.2 84.7
 150 159.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.233 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008602.D
 Acq: 04 May 2022 11:06

Tgt Ion: 75 Resp: 47045
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.542 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008602.D
 Acq: 04 May 2022 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBL01

Tgt Ion: 75 Resp: 47045
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

