

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012347.D
 Acq On : 24 Jan 2023 17:12
 Operator : KP/MD
 Sample : 01253-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 01:32:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

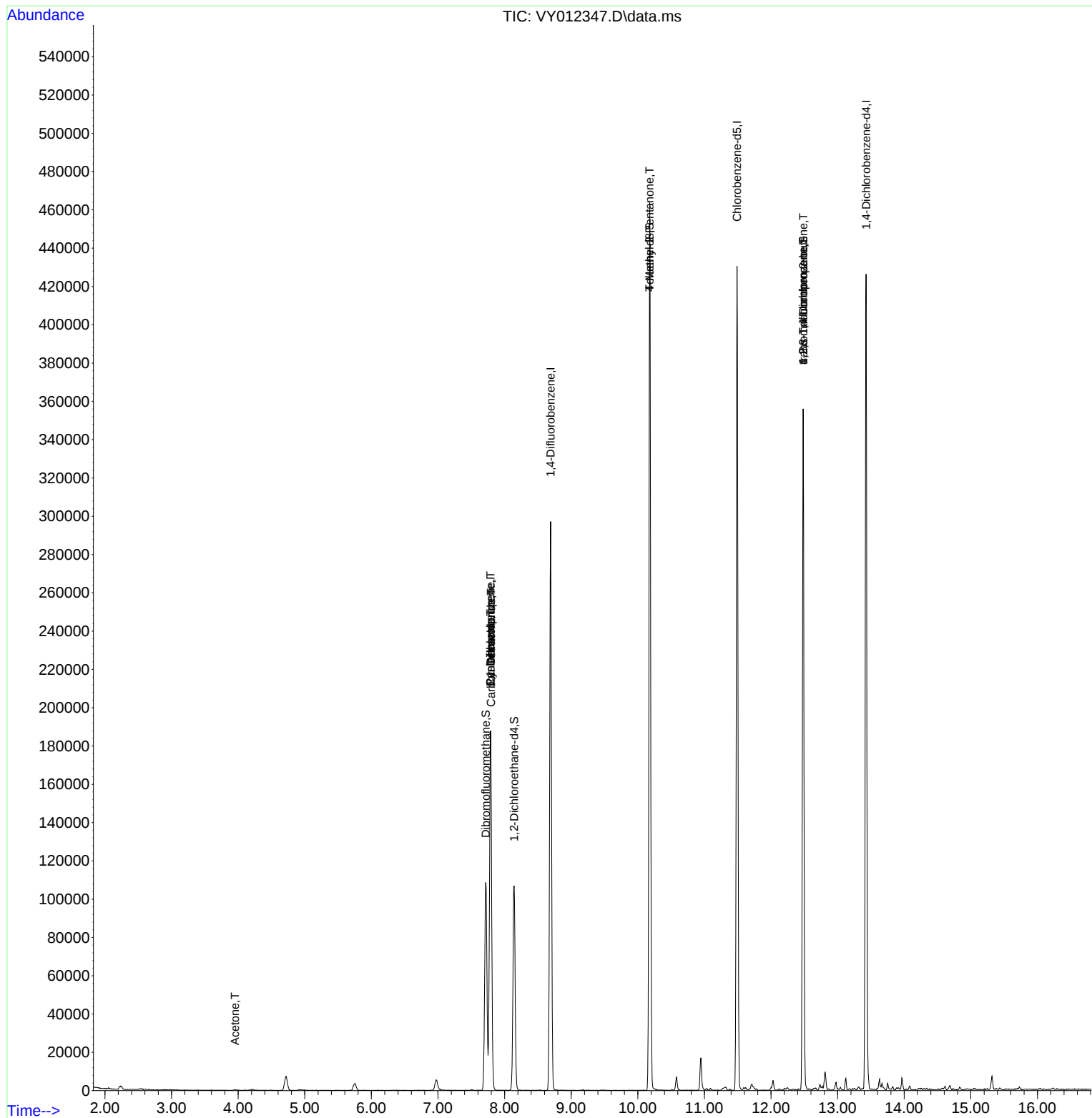
Internal Standards						
1) Pentafluorobenzene	7.789	168	148369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	254731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	247163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91830	76.776	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 153.560%		
35) Dibromofluoromethane	7.716	113	74383	55.147	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.300%		
50) Toluene-d8	10.179	98	306775	67.127	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 134.260%		
62) 4-Bromofluorobenzene	12.483	95	102481	53.898	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 107.800%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.942	59	479	Below Cal	#	74
16) Acetone	3.954	43	625	1.513	ug/l #	51
20) Methylene Chloride	4.722	84	6363	Below Cal	#	79
31) Cyclohexane	7.789	56	2833	1.310	ug/l #	22
36) 1,1-Dichloropropene	7.789	75	10096	4.404	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14853	5.017	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	1084	1.081	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	55626	51.474	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55626	106.060	ug/l #	13

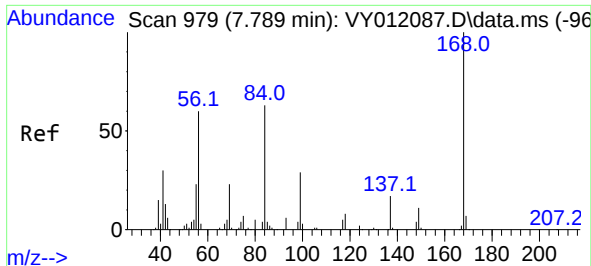
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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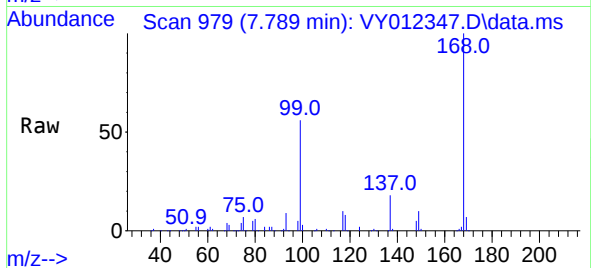
Quant Time: Jan 25 01:32:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
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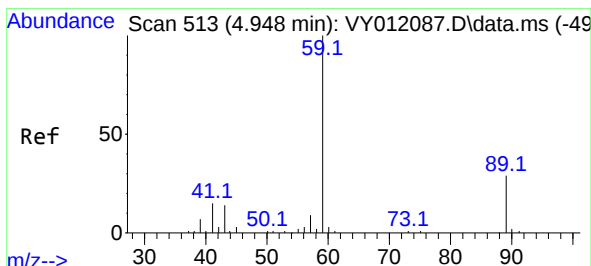
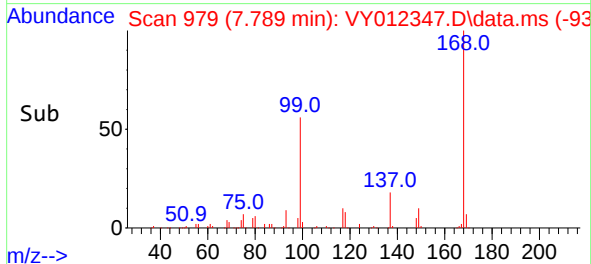
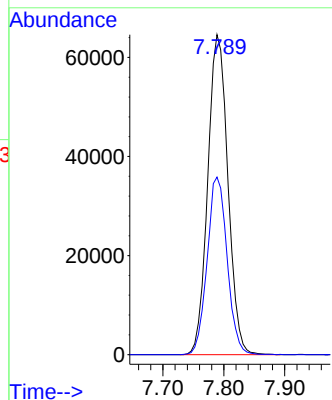


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

Instrument :
MSVOA_Y
ClientSampleId :

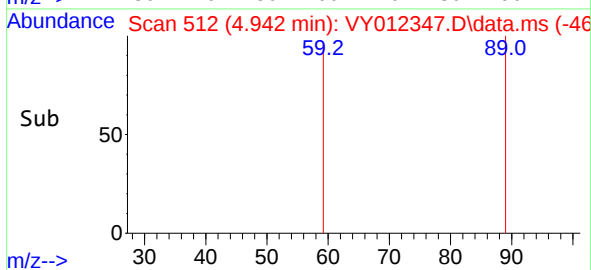
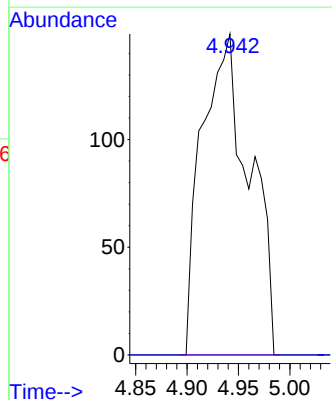
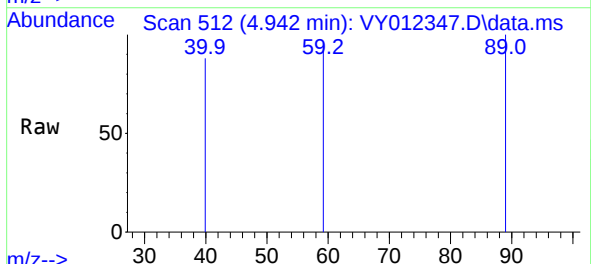


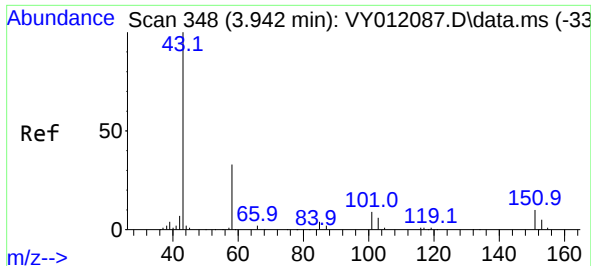
Tgt Ion:168 Resp: 148369
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

Tgt Ion: 59 Resp: 479
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

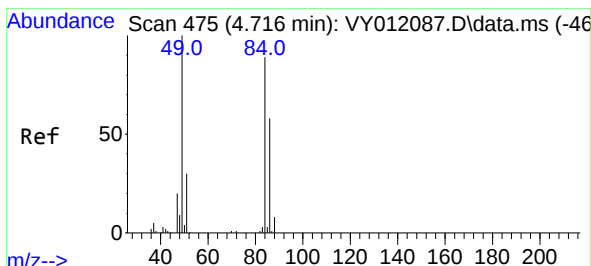
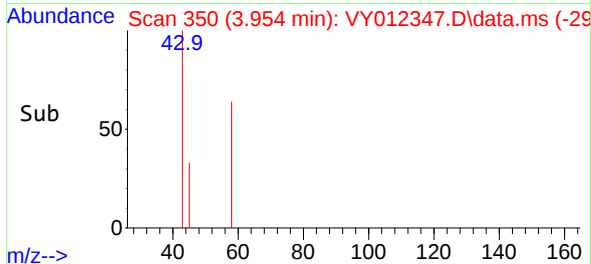
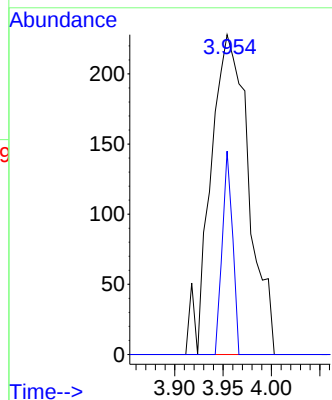
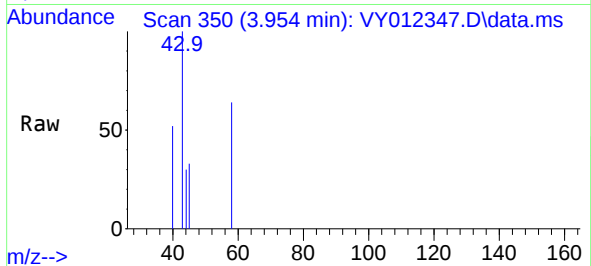




#16
Acetone
Concen: 1.513 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

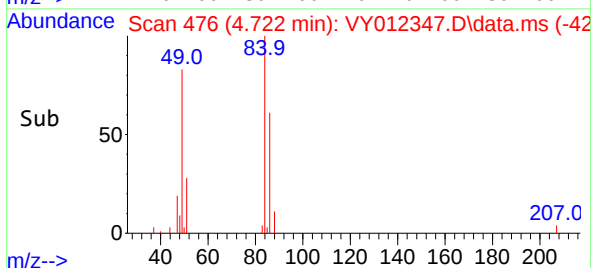
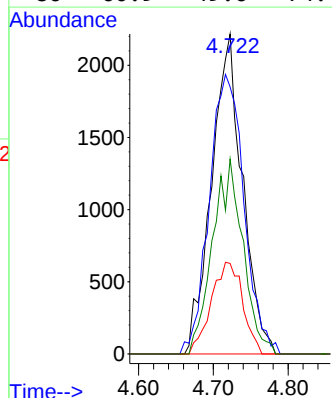
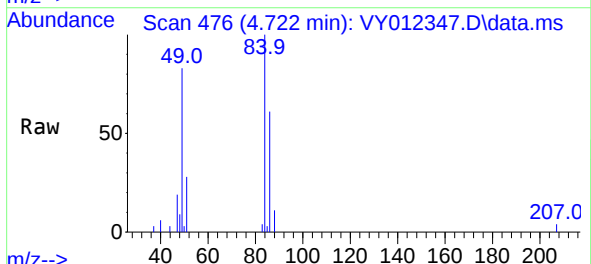
Instrument :
MSVOA_Y
ClientSampleId :

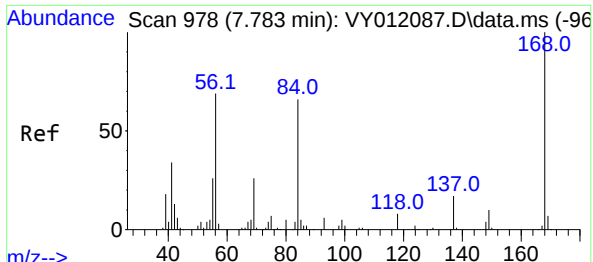
Tgt Ion: 43 Resp: 625
Ion Ratio Lower Upper
43 100
58 63.6 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

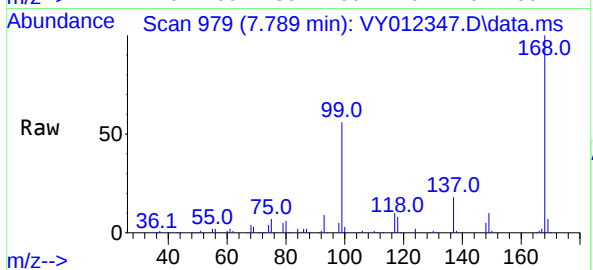
Tgt Ion: 84 Resp: 6363
Ion Ratio Lower Upper
84 100
49 83.4 95.4 143.2#
51 28.3 29.9 44.9#
86 60.9 49.6 74.4



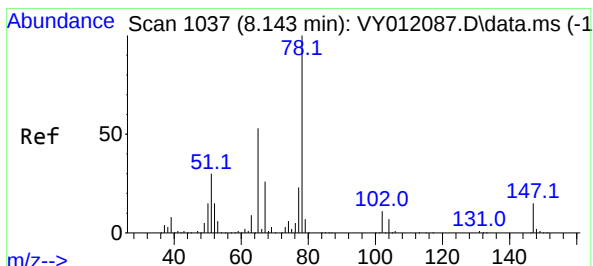
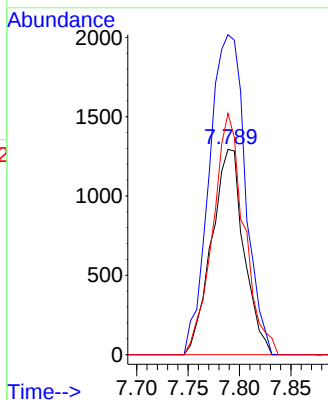
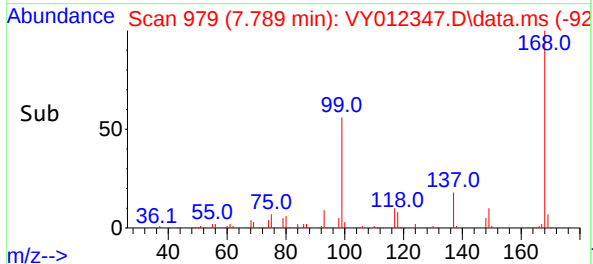


#31
Cyclohexane
Concen: 1.310 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

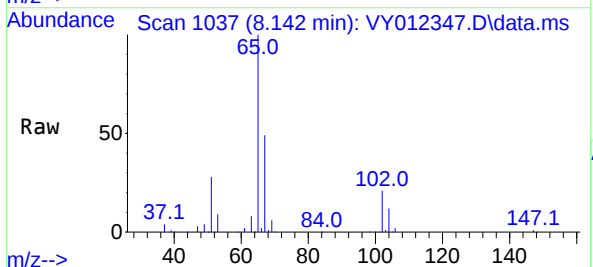
Instrument :
MSVOA_Y
ClientSampleId :



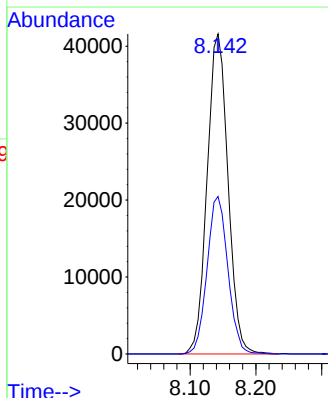
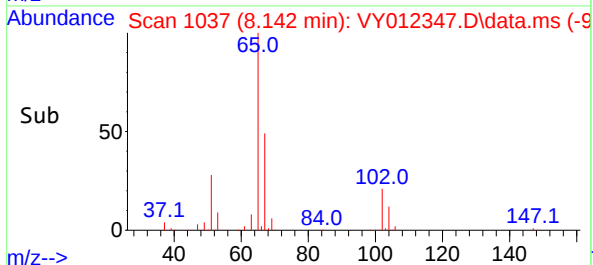
Tgt Ion: 56 Resp: 2833
Ion Ratio Lower Upper
56 100
69 155.9 29.2 43.8#
84 117.5 72.6 108.8#

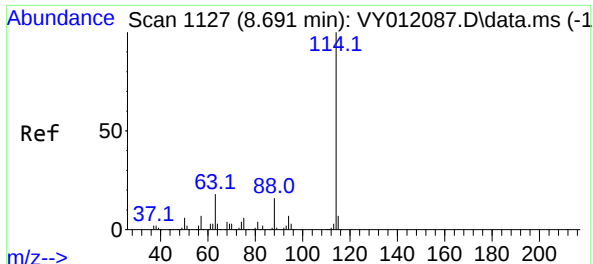


#33
1,2-Dichloroethane-d4
Concen: 76.776 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12



Tgt Ion: 65 Resp: 91830
Ion Ratio Lower Upper
65 100
67 49.1 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012347.D

Acq: 24 Jan 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

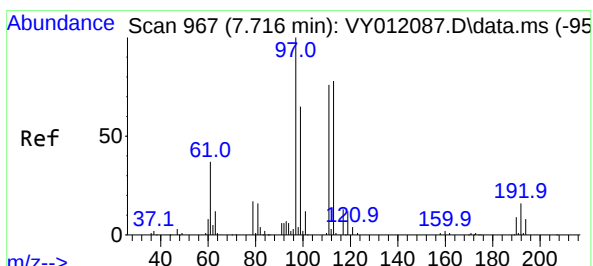
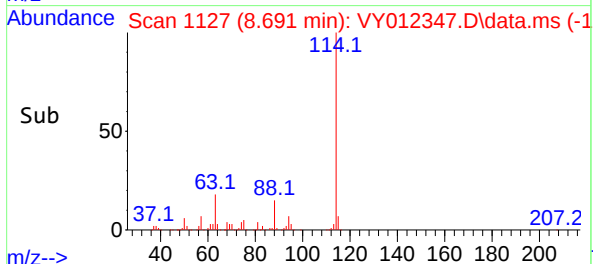
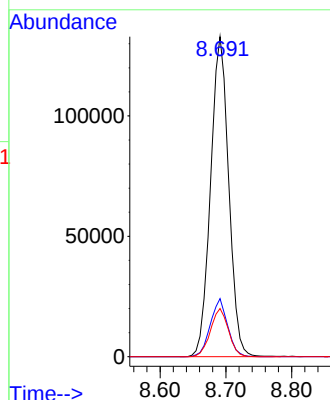
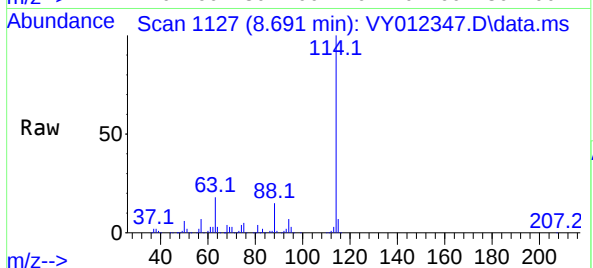
Tgt Ion:114 Resp: 254731

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.147 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012347.D

Acq: 24 Jan 2023 17:12

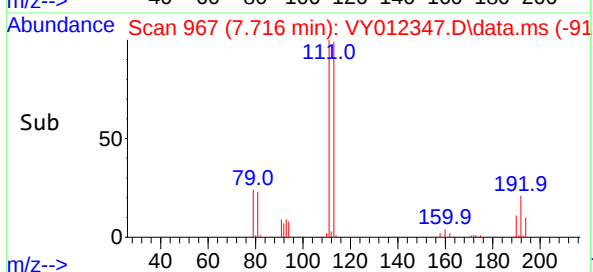
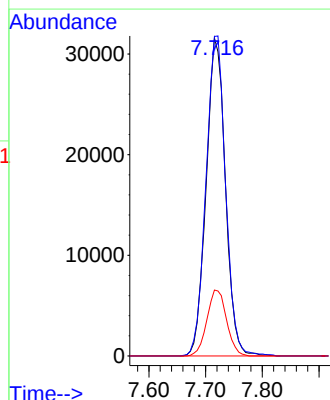
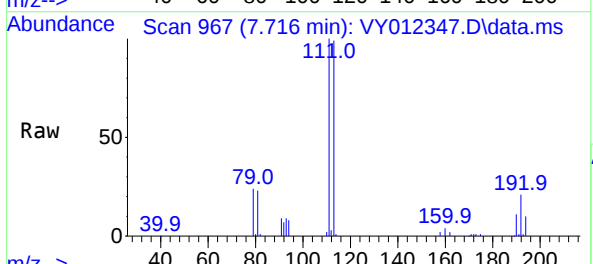
Tgt Ion:113 Resp: 74383

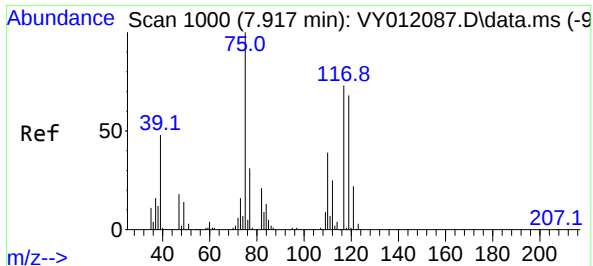
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

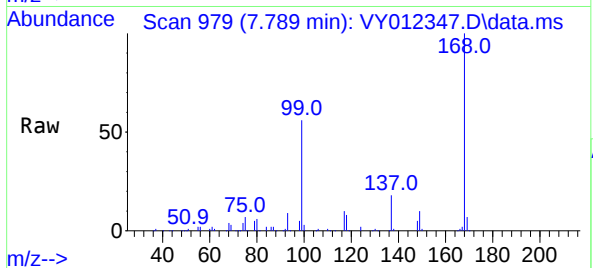
192 21.2 16.0 24.0



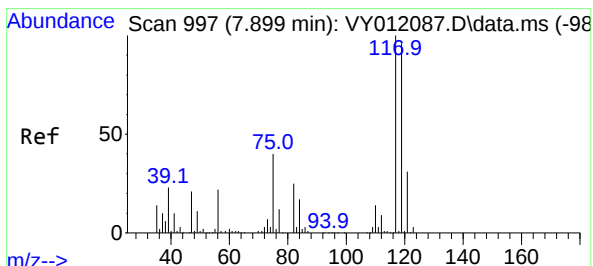
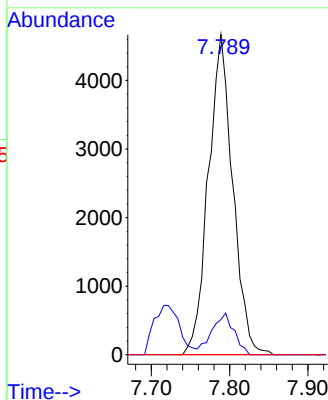
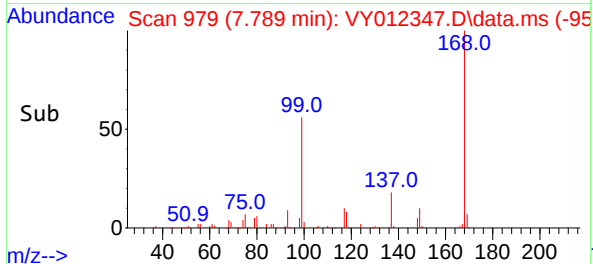


#36
1,1-Dichloropropene
Concen: 4.404 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

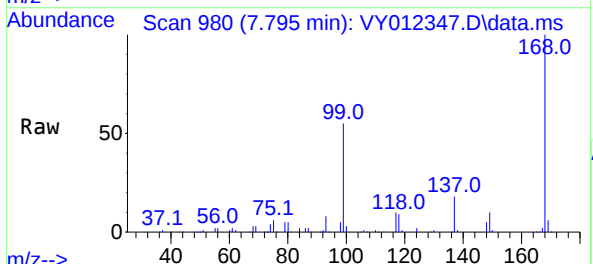
Instrument :
MSVOA_Y
ClientSampleId :



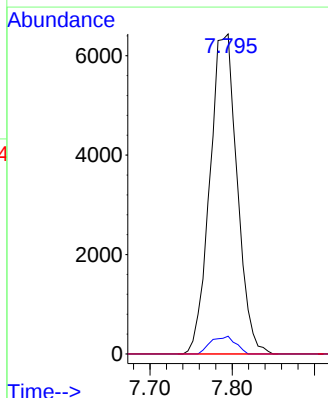
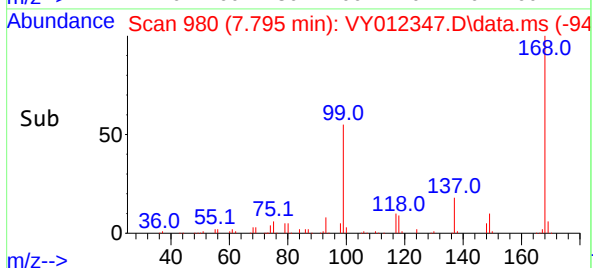
Tgt Ion: 75 Resp: 10096
Ion Ratio Lower Upper
75 100
110 11.7 18.1 54.1#
77 0.0 25.1 37.7#

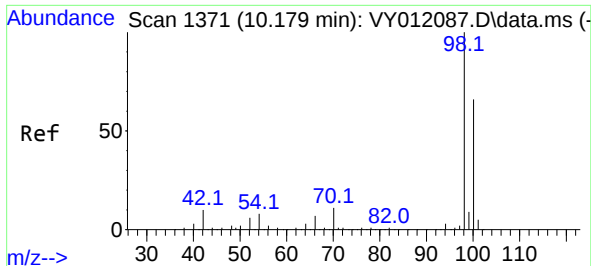


#38
Carbon Tetrachloride
Concen: 5.017 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12



Tgt Ion: 117 Resp: 14853
Ion Ratio Lower Upper
117 100
119 5.5 73.8 110.8#
121 0.0 25.2 37.8#

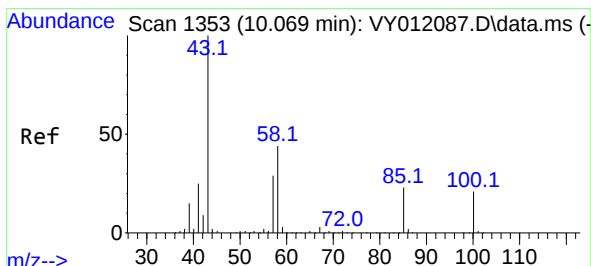
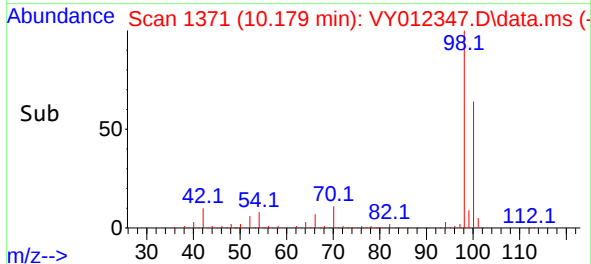
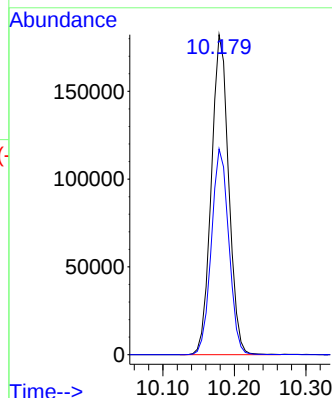
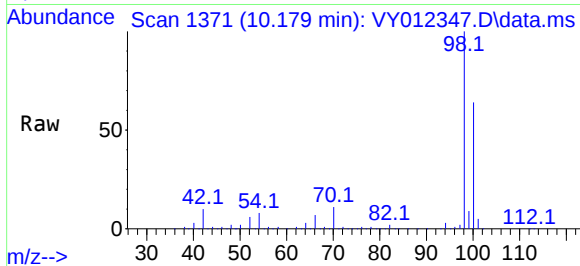




#50
Toluene-d8
Concen: 67.127 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

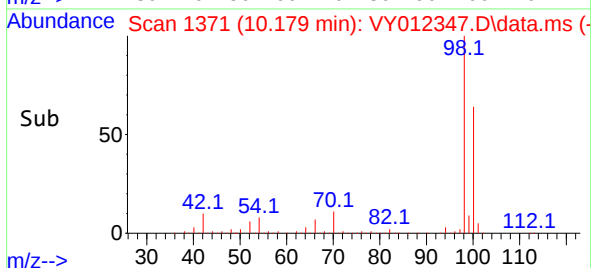
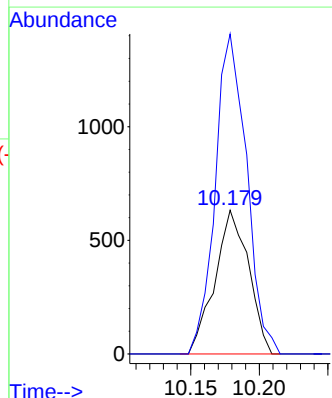
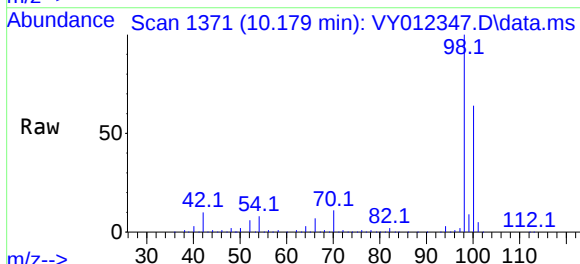
Instrument :
MSVOA_Y
ClientSampleId :

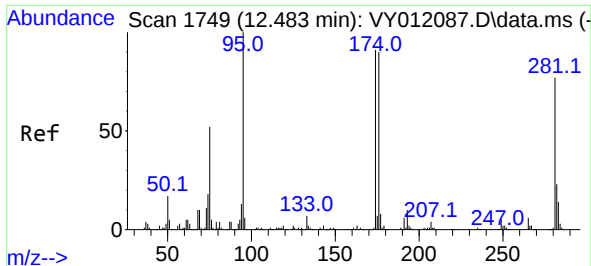
Tgt Ion: 98 Resp: 306775
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.081 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

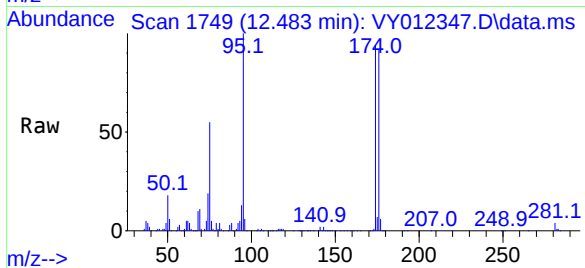
Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
58 206.9 32.9 49.3#



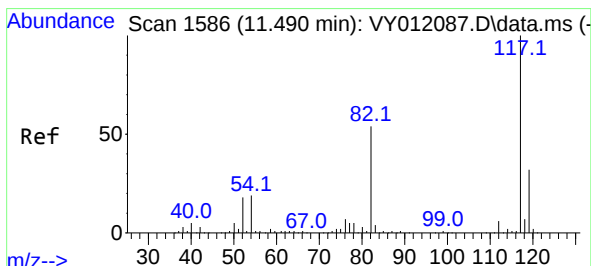
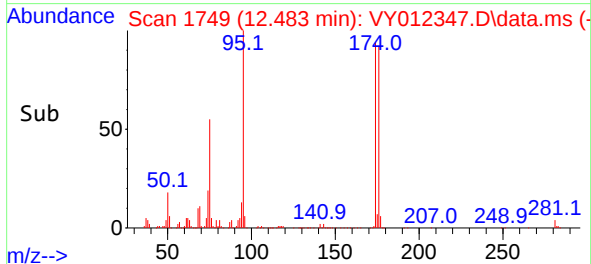
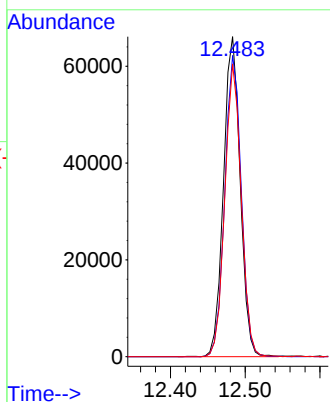


#62
4-Bromofluorobenzene
Concen: 53.898 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

Instrument :
MSVOA_Y
ClientSampleId :

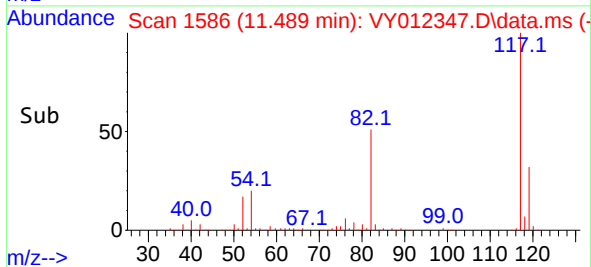
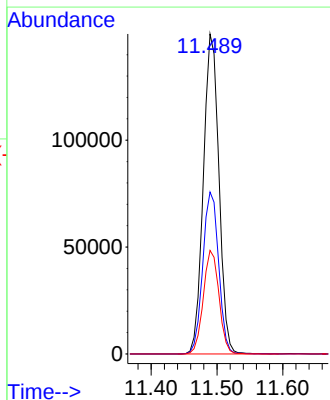
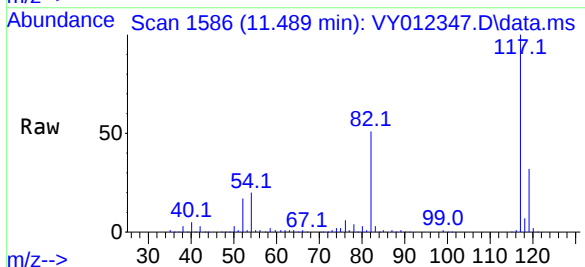


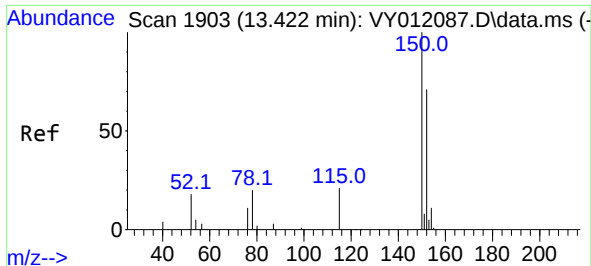
Tgt Ion: 95 Resp: 102481
Ion Ratio Lower Upper
95 100
174 93.2 0.0 172.0
176 90.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

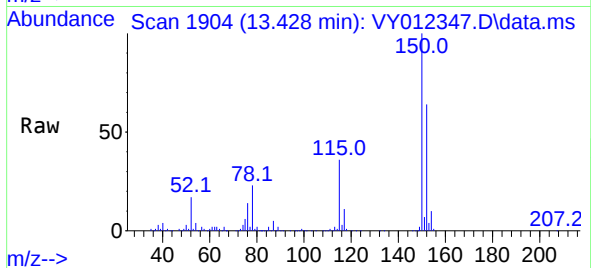
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Ion Ratio Lower Upper
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82 50.6 44.8 67.2
119 32.3 25.4 38.2



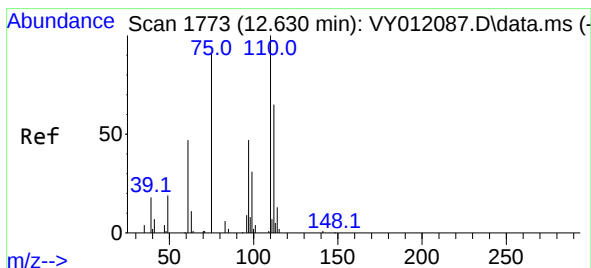
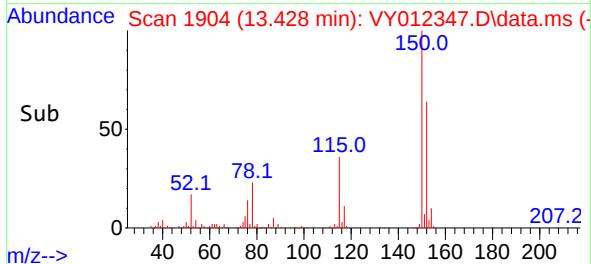
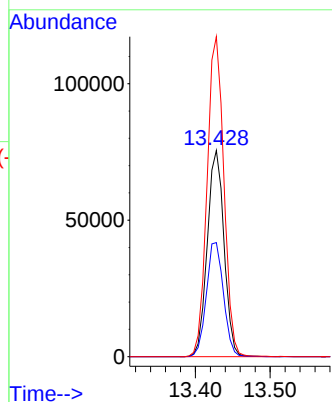


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

Instrument :
MSVOA_Y
ClientSampleId :

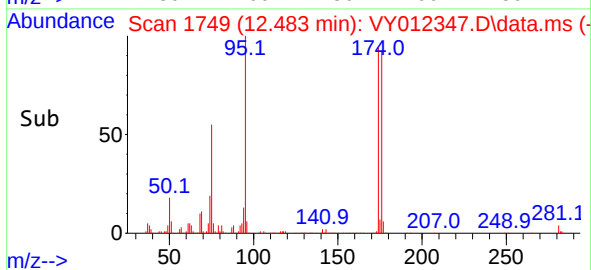
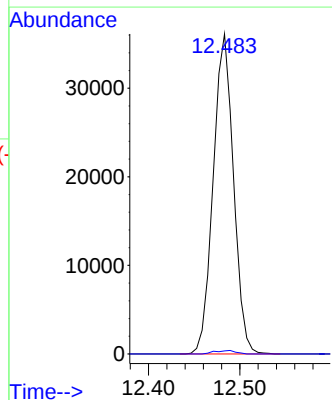
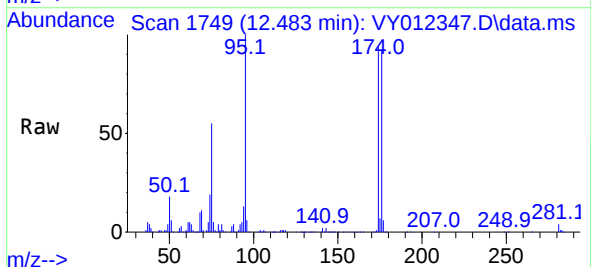


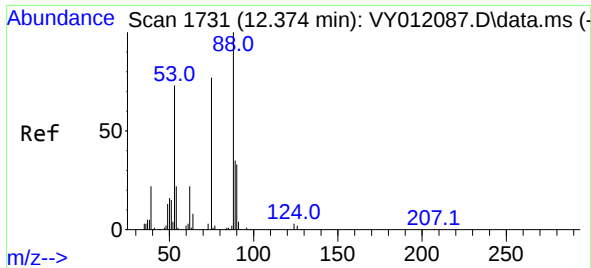
Tgt Ion:152 Resp: 117522
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 155.4 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 51.474 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

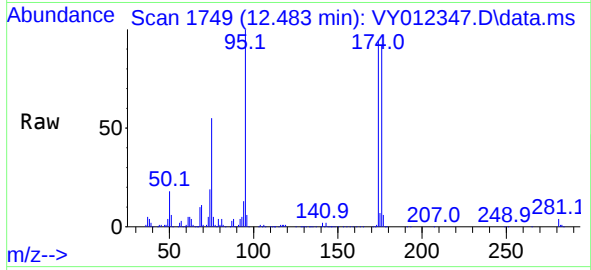
Tgt Ion: 75 Resp: 55626
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.060 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012347.D
 Acq: 24 Jan 2023 17:12

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 55626
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.2 37.0 55.4#

