

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012343.D
 Acq On : 24 Jan 2023 15:39
 Operator : KP/MD
 Sample : 01260-13
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 01:32:20 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)

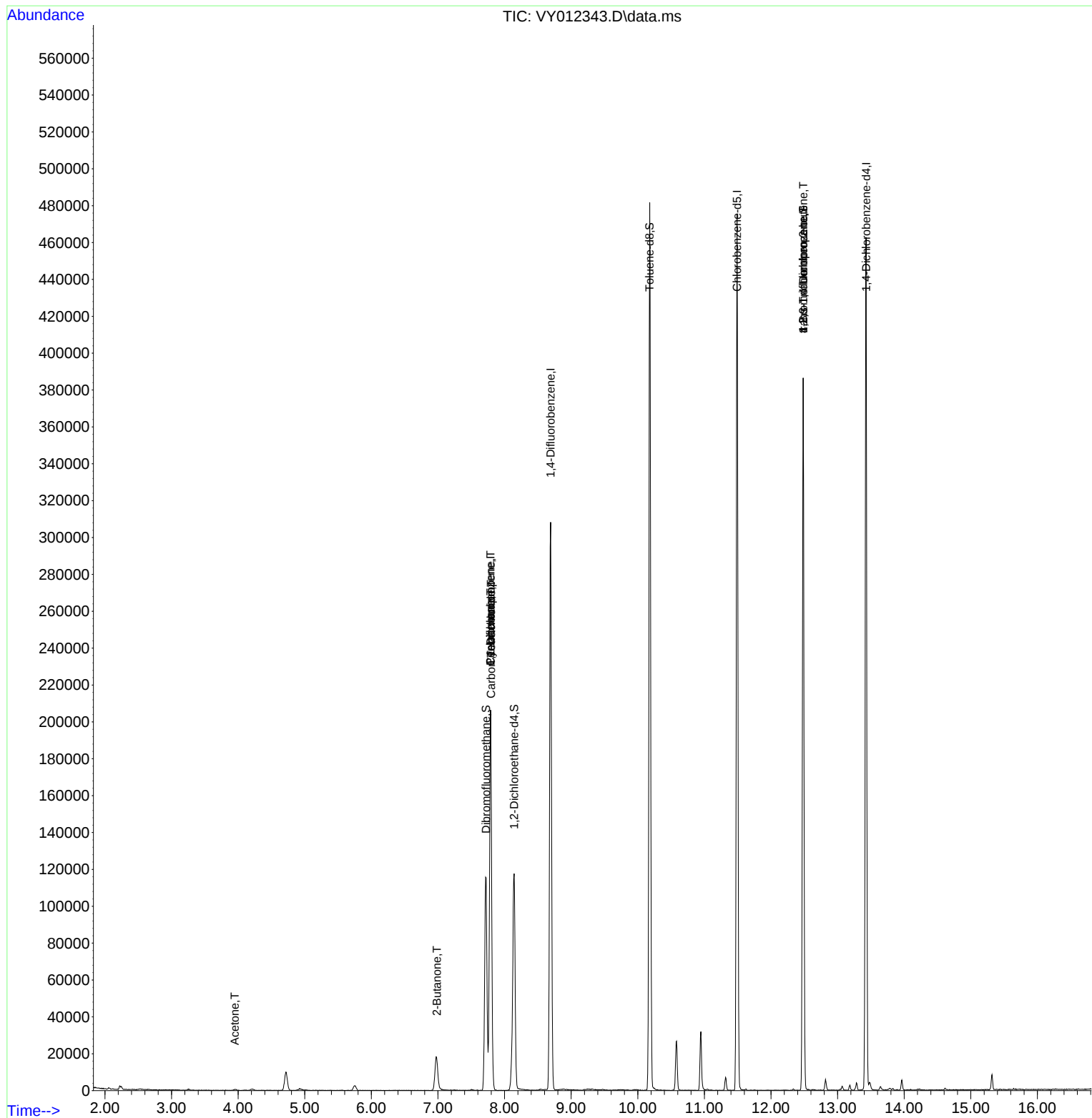
Internal Standards						
1) Pentafluorobenzene	7.789	168	159434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	265645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	96339	74.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.700%	
35) Dibromofluoromethane	7.722	113	79970	55.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.720%	
50) Toluene-d8	10.179	98	325313	66.418	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.840%	
62) 4-Bromofluorobenzene	12.483	95	107522	52.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	896	Below Cal	#	74
16) Acetone	3.948	43	1025	2.309	ug/l	100
20) Methylene Chloride	4.716	84	8024	Below Cal	#	87
25) 2-Butanone	6.984	43	841	1.716	ug/l	# 46
31) Cyclohexane	7.789	56	2998	1.290	ug/l	# 25
36) 1,1-Dichloropropene	7.789	75	10828	4.410	ug/l	# 51
38) Carbon Tetrachloride	7.795	117	15750	4.967	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	58849	51.880	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	58849	106.895	ug/l	# 13

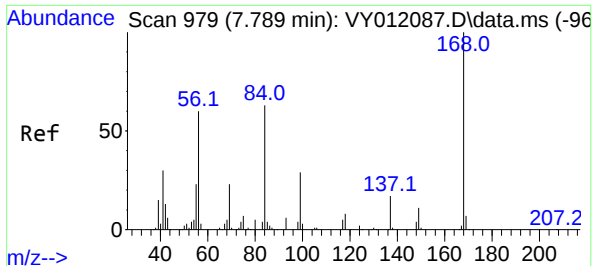
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
Data File : VY012343.D
Acq On : 24 Jan 2023 15:39
Operator : KP/MD
Sample : 01260-13
Misc : 4.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

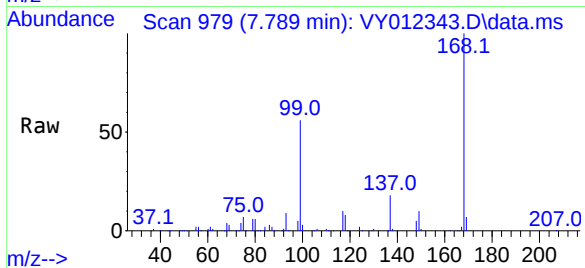
Quant Time: Jan 25 01:32:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration



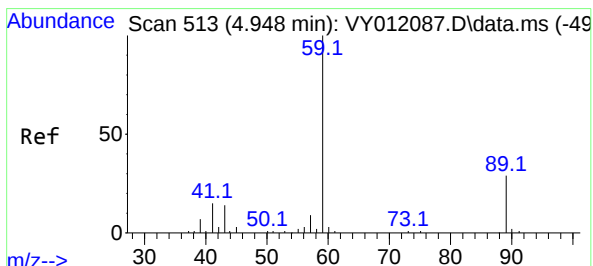
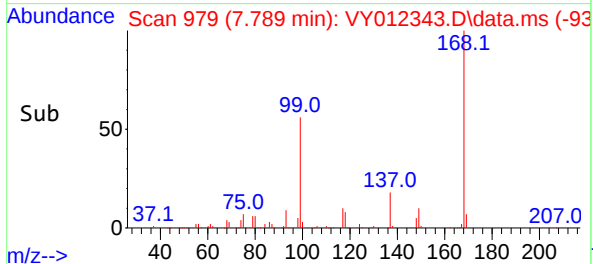
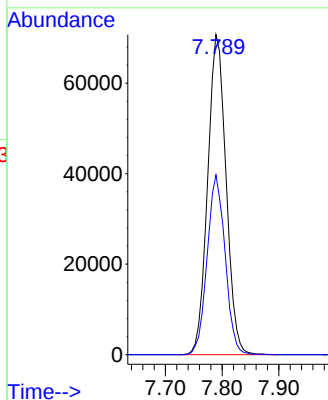


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012343.D
Acq: 24 Jan 2023 15:39

Instrument :
MSVOA_Y
ClientSampleId :

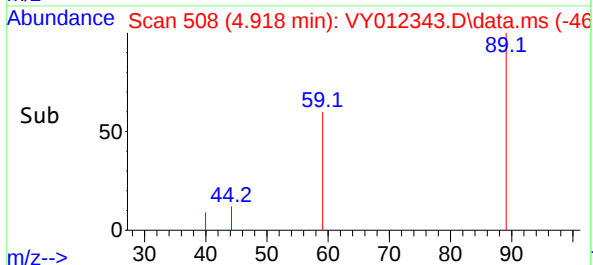
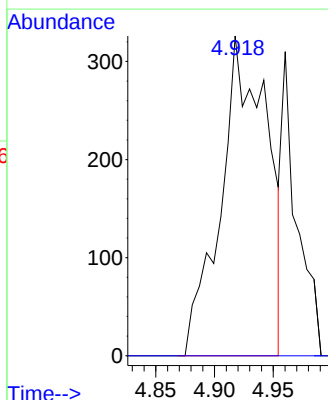
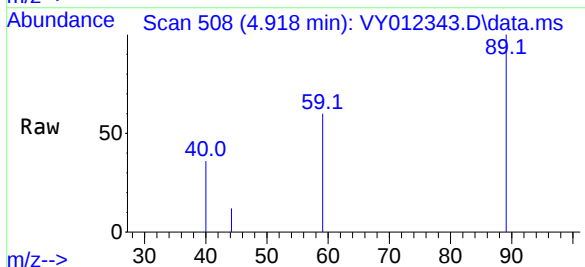


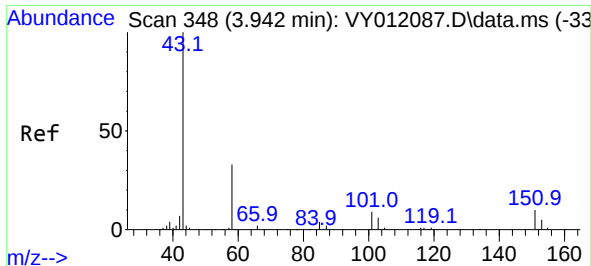
Tgt Ion:168 Resp: 159434
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY012343.D
Acq: 24 Jan 2023 15:39

Tgt Ion: 59 Resp: 896
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

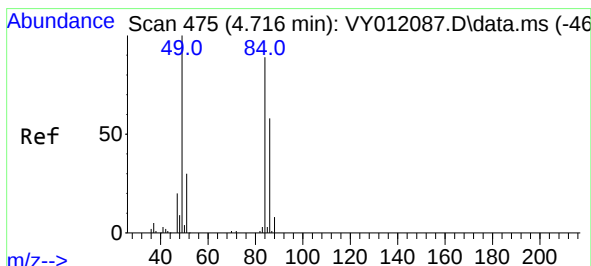
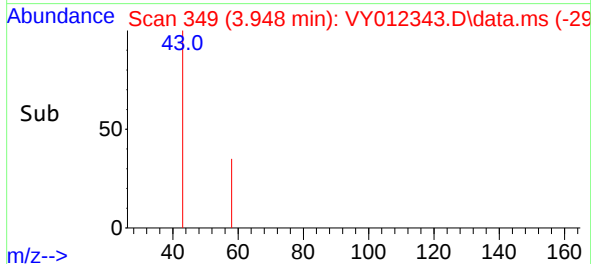
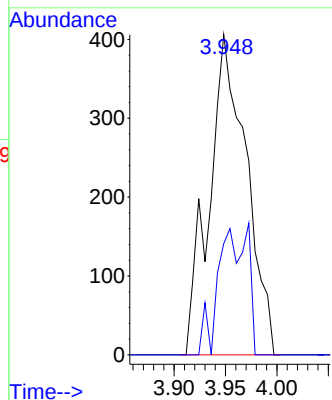
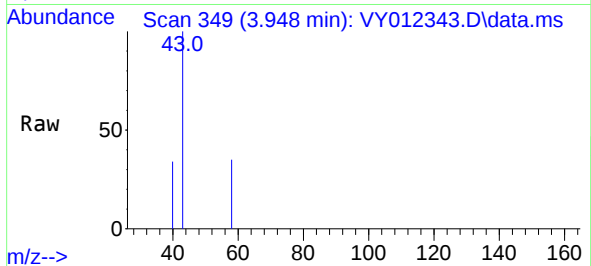




#16
Acetone
Concen: 2.309 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012343.D
Acq: 24 Jan 2023 15:39

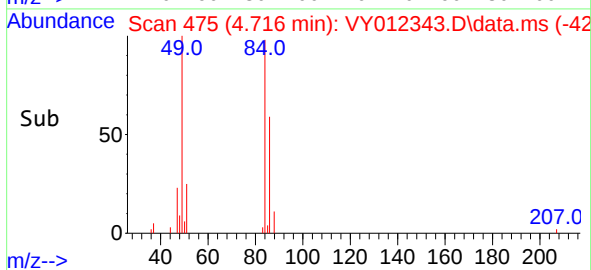
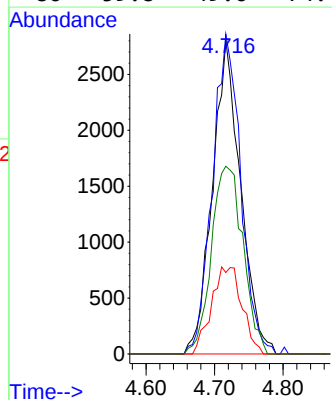
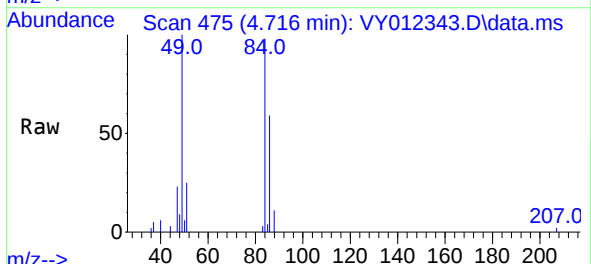
Instrument :
MSVOA_Y
ClientSampleId :

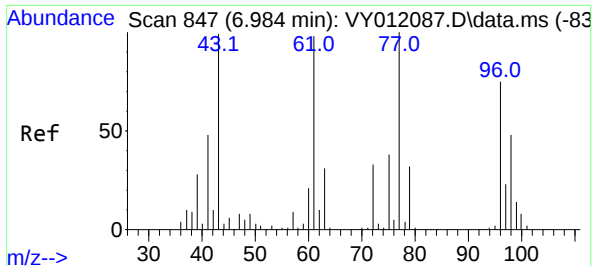
Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
58 34.7 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012343.D
Acq: 24 Jan 2023 15:39

Tgt Ion: 84 Resp: 8024
Ion Ratio Lower Upper
84 100
49 102.0 95.4 143.2
51 26.0 29.9 44.9#
86 59.8 49.6 74.4





#25

2-Butanone

Concen: 1.716 ug/l

RT: 6.984 min Scan# 841

Delta R.T. 0.000 min

Lab File: VY012343.D

Acq: 24 Jan 2023 15:39

Instrument :

MSVOA_Y

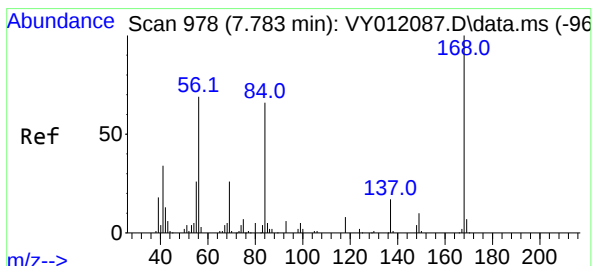
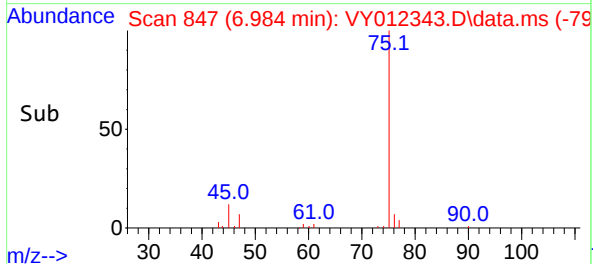
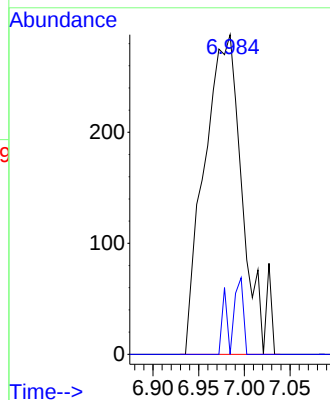
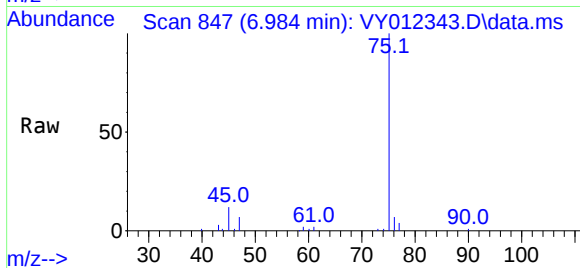
ClientSampleId :

Tgt Ion: 43 Resp: 841

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#31

Cyclohexane

Concen: 1.290 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012343.D

Acq: 24 Jan 2023 15:39

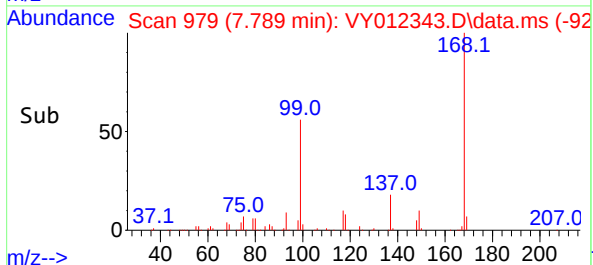
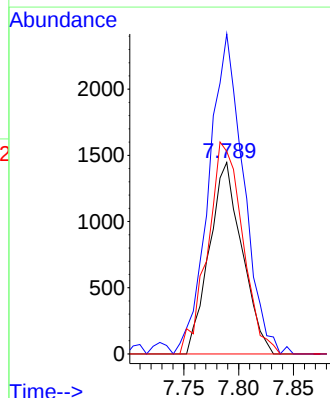
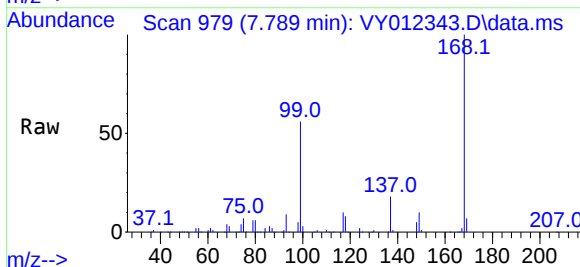
Tgt Ion: 56 Resp: 2998

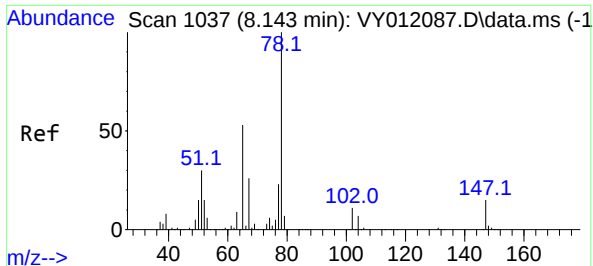
Ion Ratio Lower Upper

56 100

69 167.2 29.2 43.8#

84 105.8 72.6 108.8

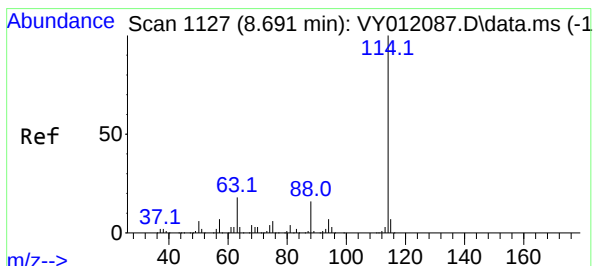
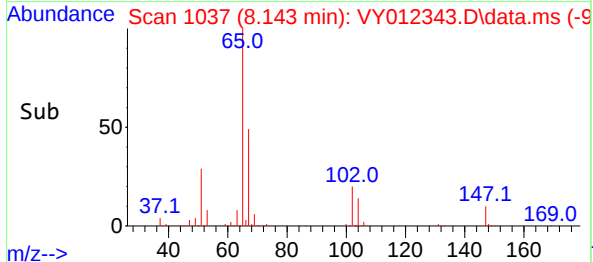
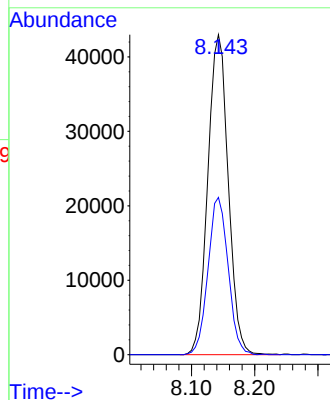
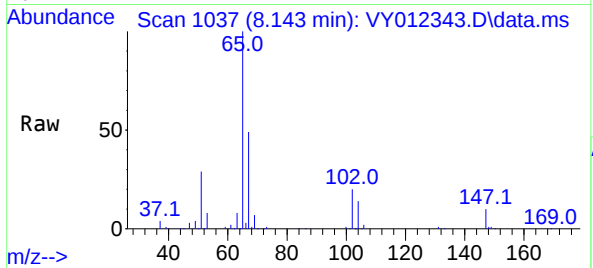




#33
1,2-Dichloroethane-d4
Concen: 74.854 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012343.D
Acq: 24 Jan 2023 15:39

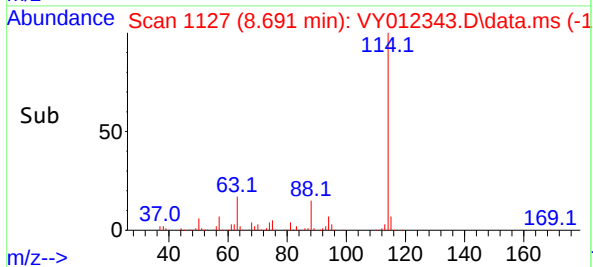
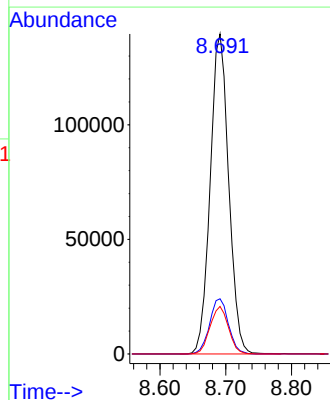
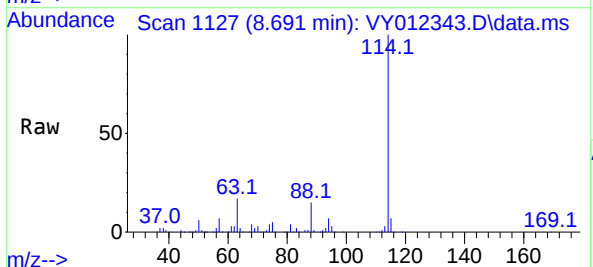
Instrument :
MSVOA_Y
ClientSampleId :

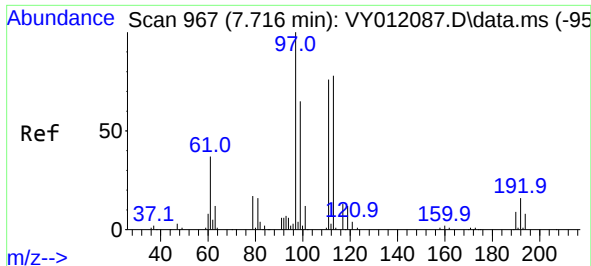
Tgt Ion: 65 Resp: 96339
Ion Ratio Lower Upper
65 100
67 48.5 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012343.D
Acq: 24 Jan 2023 15:39

Tgt Ion:114 Resp: 272816
Ion Ratio Lower Upper
114 100
63 17.2 0.0 39.6
88 14.9 0.0 32.2

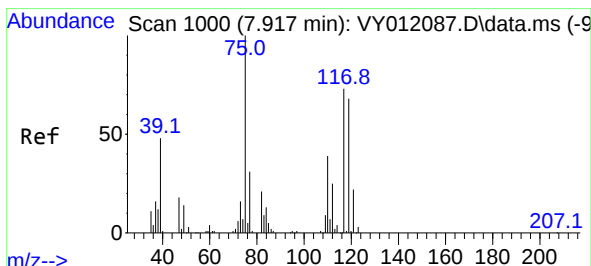
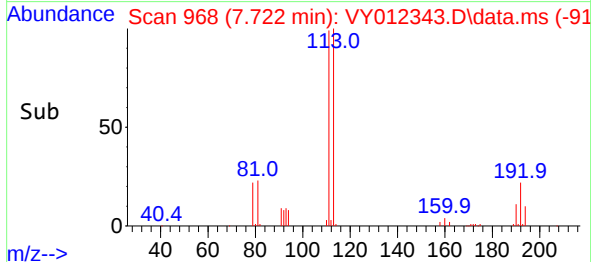
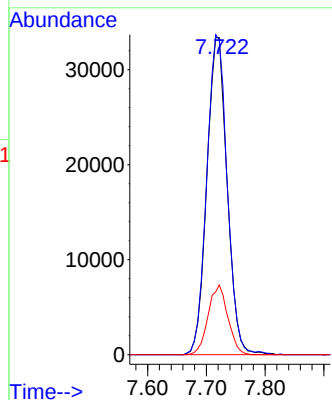
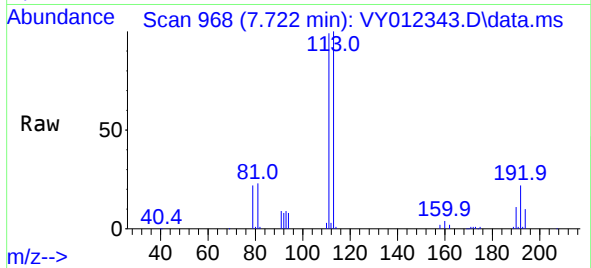




#35
Dibromofluoromethane
Concen: 55.359 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012343.D
Acq: 24 Jan 2023 15:39

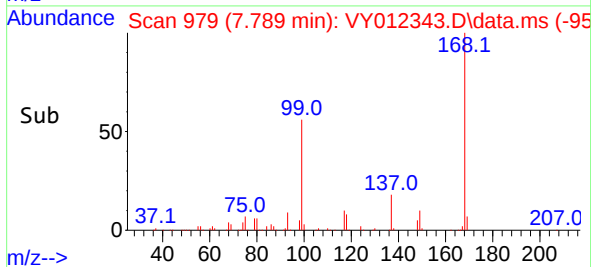
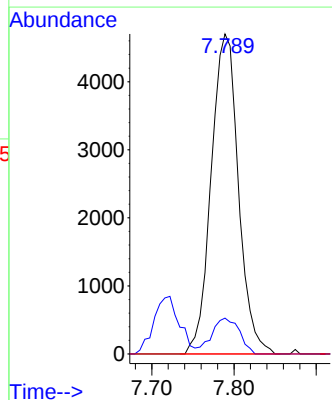
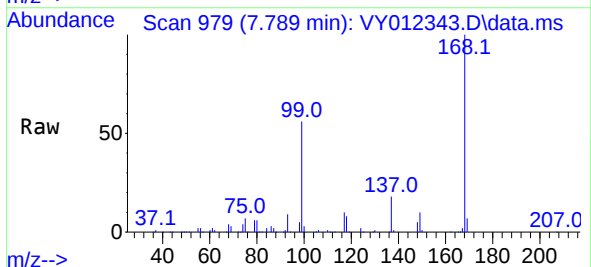
Instrument :
MSVOA_Y
ClientSampleId :

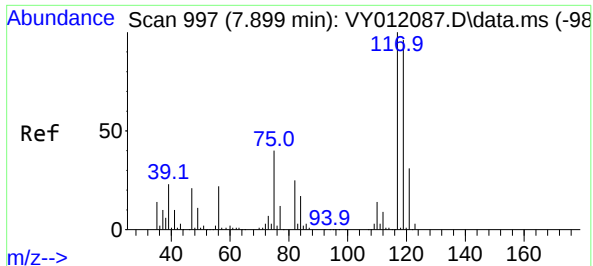
Tgt Ion:113 Resp: 79970
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.4
192 21.3 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.410 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012343.D
Acq: 24 Jan 2023 15:39

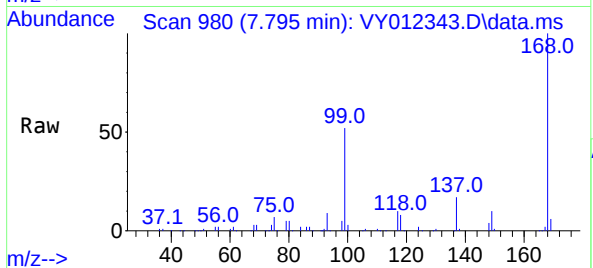
Tgt Ion: 75 Resp: 10828
Ion Ratio Lower Upper
75 100
110 11.4 18.1 54.1#
77 0.0 25.1 37.7#



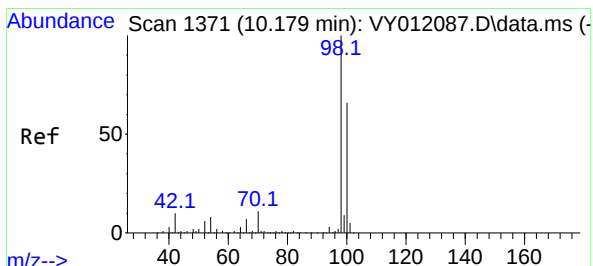
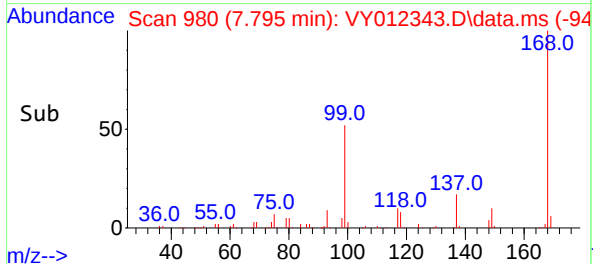
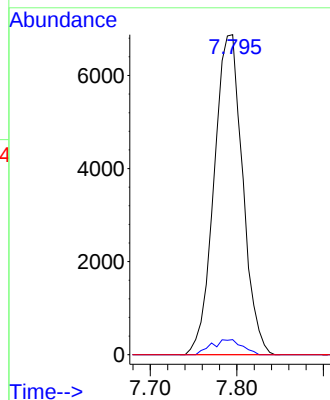


#38
Carbon Tetrachloride
Concen: 4.967 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY012343.D
Acq: 24 Jan 2023 15:39

Instrument :
MSVOA_Y
ClientSampleId :

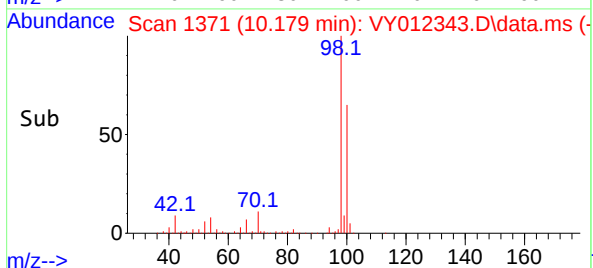
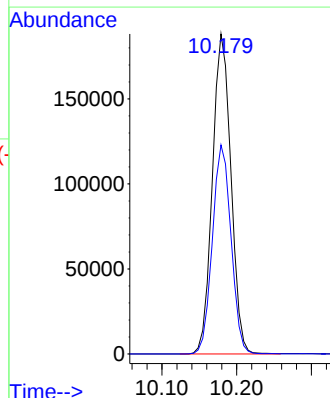
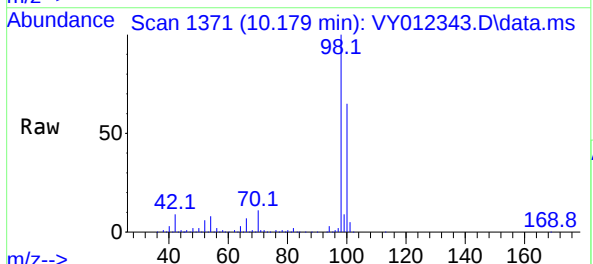


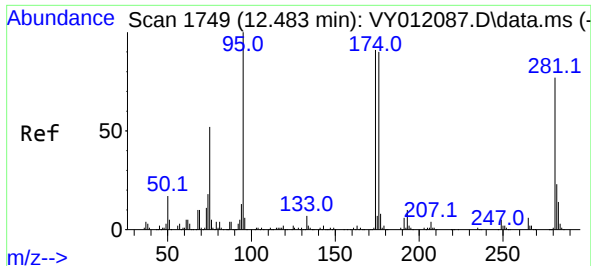
Tgt Ion:117 Resp: 15750
Ion Ratio Lower Upper
117 100
119 4.7 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 66.418 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012343.D
Acq: 24 Jan 2023 15:39

Tgt Ion: 98 Resp: 325313
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

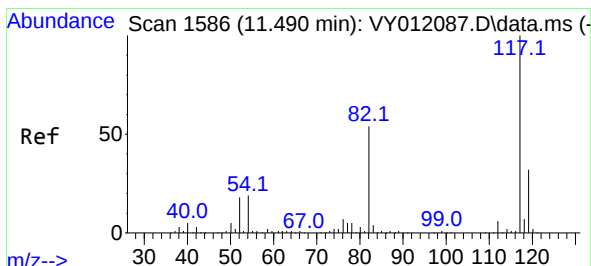
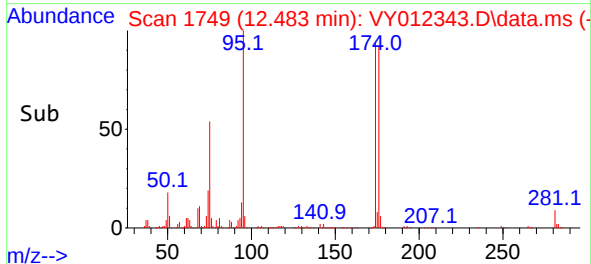
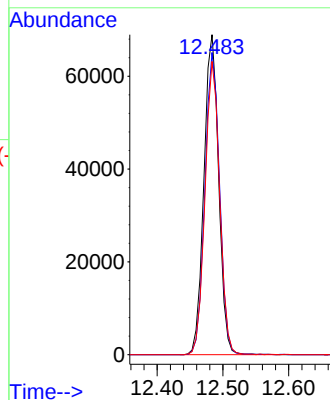
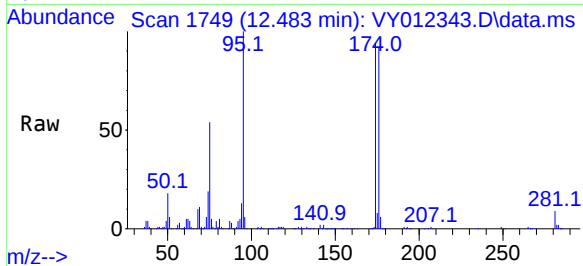




#62
4-Bromofluorobenzene
Concen: 52.800 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012343.D
Acq: 24 Jan 2023 15:39

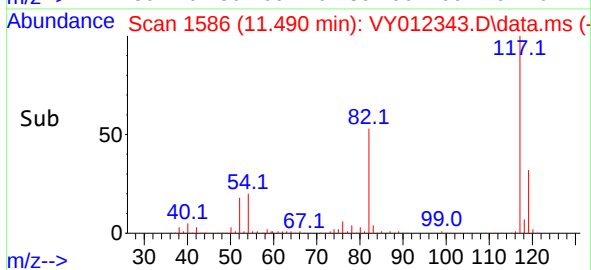
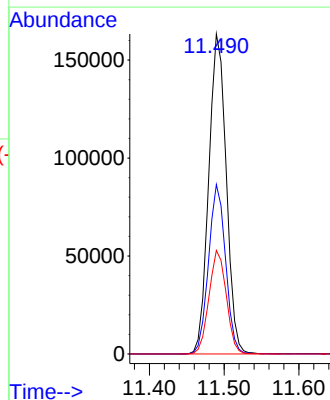
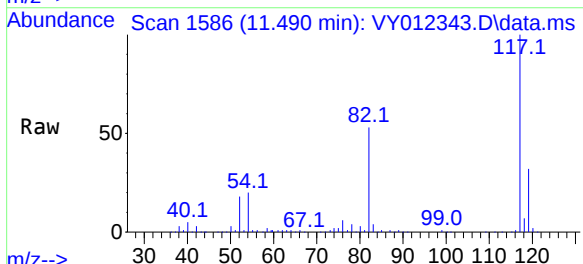
Instrument :
MSVOA_Y
ClientSampleId :

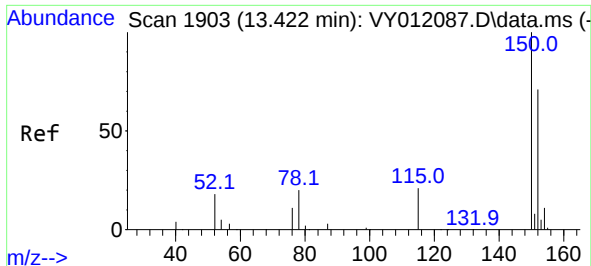
Tgt Ion: 95 Resp: 107522
Ion Ratio Lower Upper
95 100
174 94.4 0.0 172.0
176 91.2 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012343.D
Acq: 24 Jan 2023 15:39

Tgt Ion: 117 Resp: 265645
Ion Ratio Lower Upper
117 100
82 52.9 44.8 67.2
119 32.3 25.4 38.2

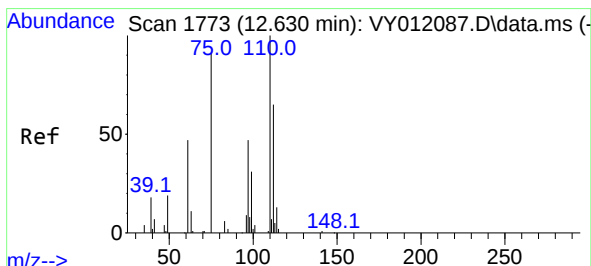
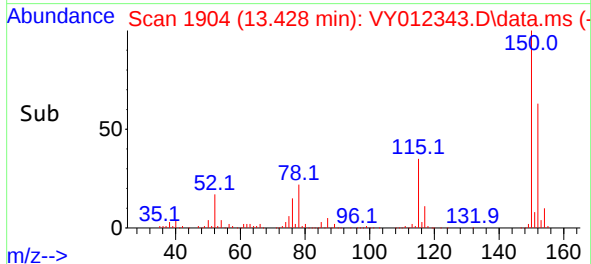
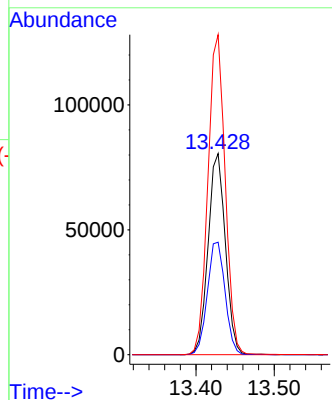
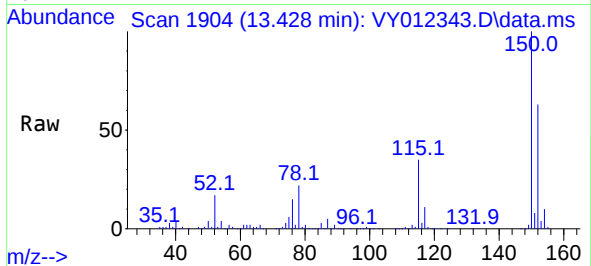




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012343.D
Acq: 24 Jan 2023 15:39

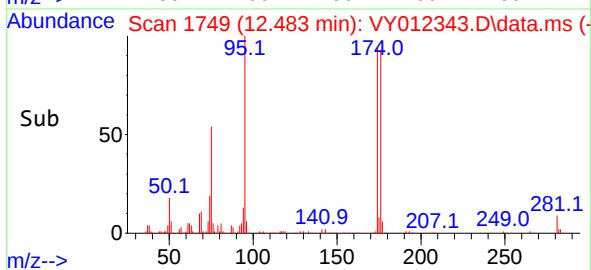
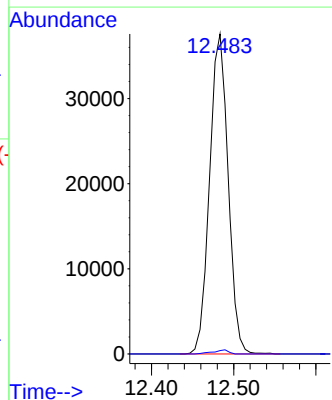
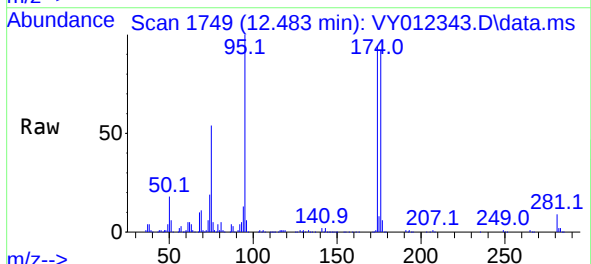
Instrument :
MSVOA_Y
ClientSampleId :

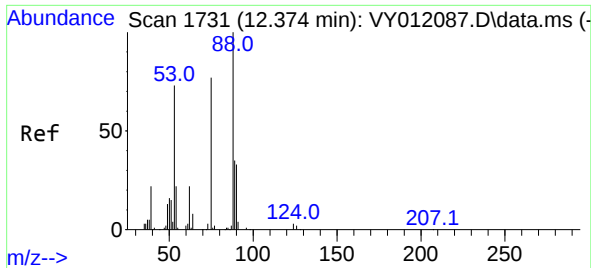
Tgt Ion:152 Resp: 123360
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 158.7 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 51.880 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012343.D
Acq: 24 Jan 2023 15:39

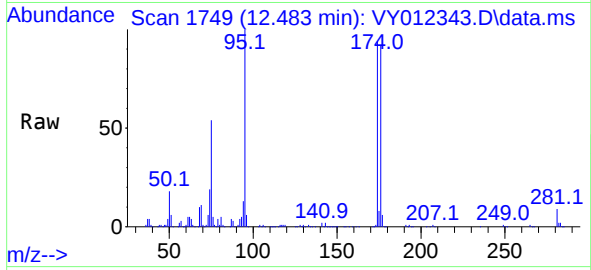
Tgt Ion: 75 Resp: 58849
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.895 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012343.D
 Acq: 24 Jan 2023 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 58849
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

