

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012523\
 Data File : VY012354.D
 Acq On : 25 Jan 2023 14:10
 Operator : KP/MD
 Sample : VY0125SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 26 04:07:47 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

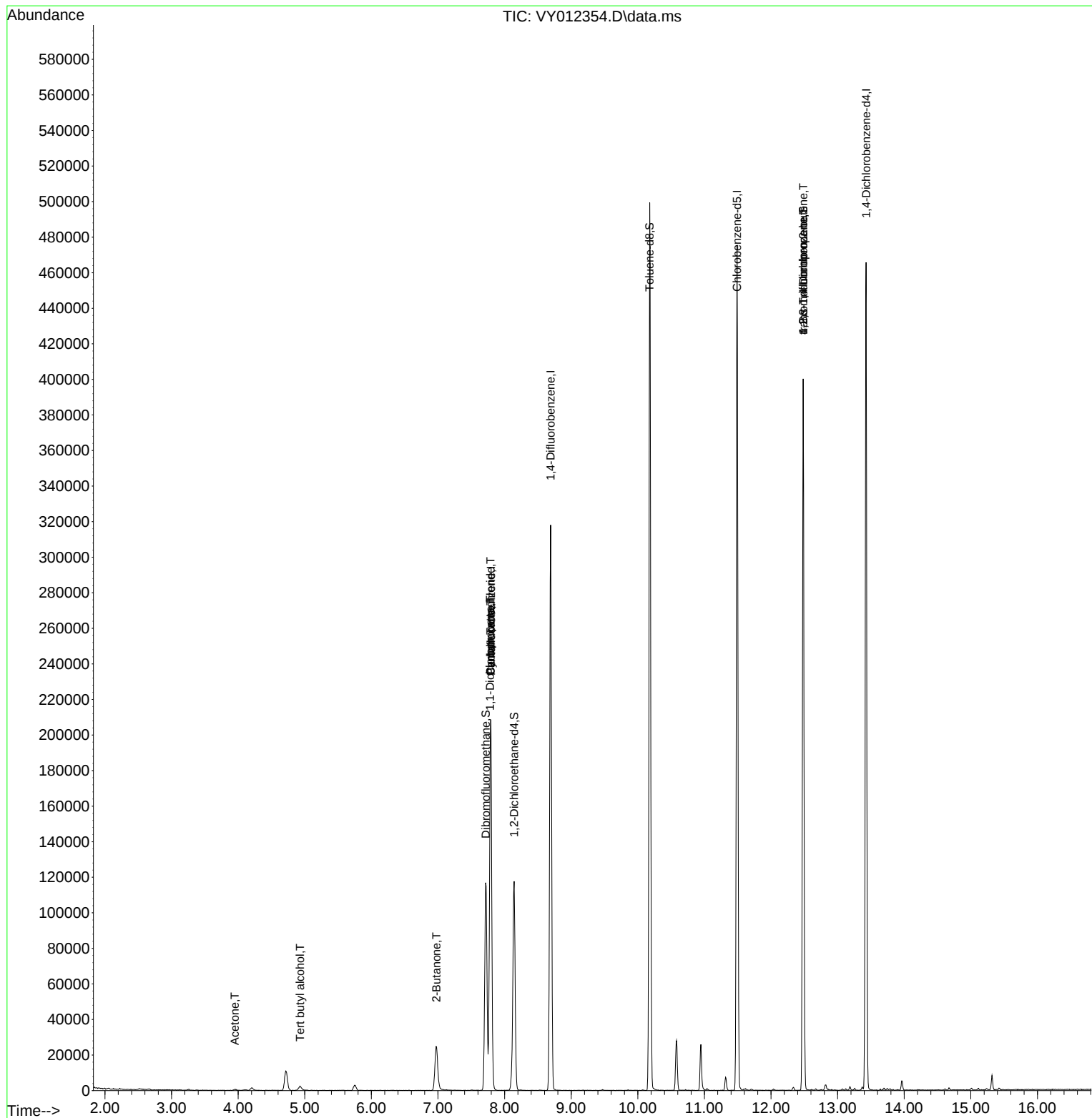
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

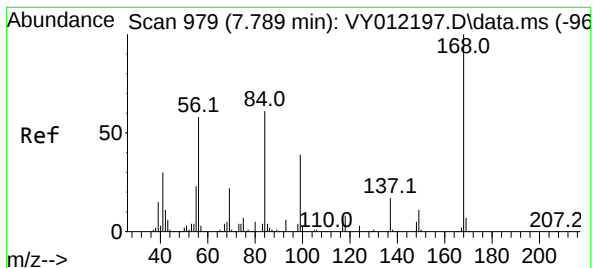
Internal Standards						
1) Pentafluorobenzene	7.795	168	168481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	278529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	267231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97115	71.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.420%	
35) Dibromofluoromethane	7.716	113	80546	54.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.220%	
50) Toluene-d8	10.179	98	328557	65.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 131.300%	
62) 4-Bromofluorobenzene	12.483	95	108499	52.187	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	2317	1.755	ug/l #	74
16) Acetone	3.948	43	1102	2.349	ug/l	92
20) Methylene Chloride	4.723	84	9360	Below Cal	#	80
25) 2-Butanone	6.978	43	1091	2.106	ug/l #	74
31) Cyclohexane	7.789	56	3063	1.247	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11610	4.632	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17060	5.270	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	58781	50.876	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58781	104.826	ug/l #	13

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY012354.D

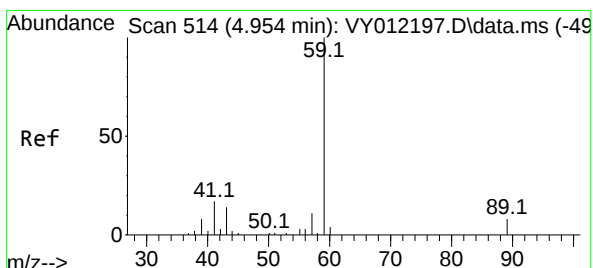
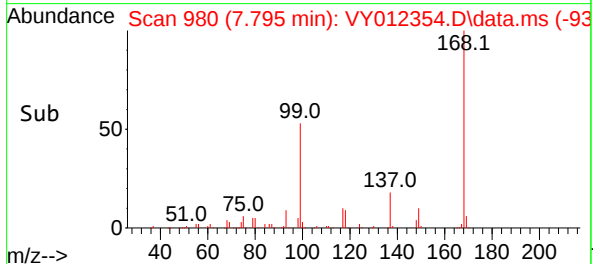
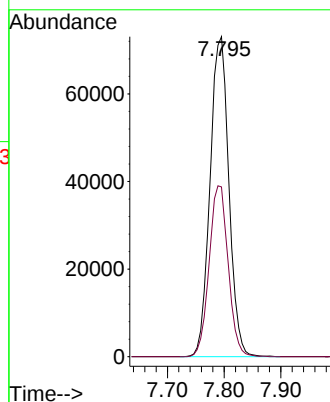
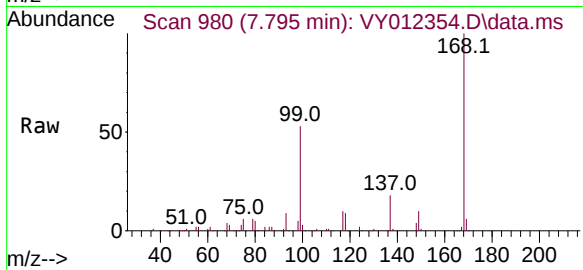
Acq: 25 Jan 2023 14:10

Tgt Ion:168 Resp: 168481

Ion Ratio Lower Upper

168 100

99 53.1 44.0 66.0



#11

Tert butyl alcohol

Concen: 1.755 ug/l

RT: 4.930 min Scan# 510

Delta R.T. -0.018 min

Lab File: VY012354.D

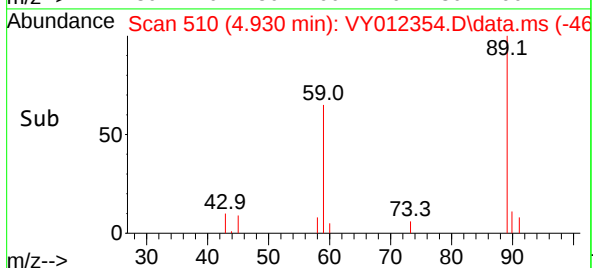
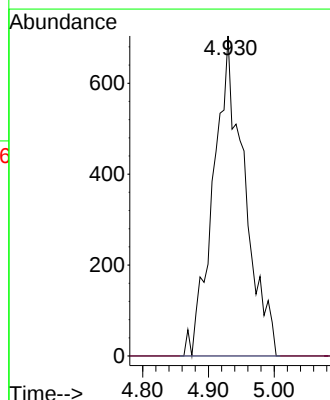
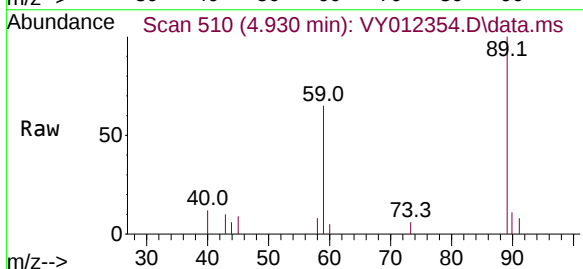
Acq: 25 Jan 2023 14:10

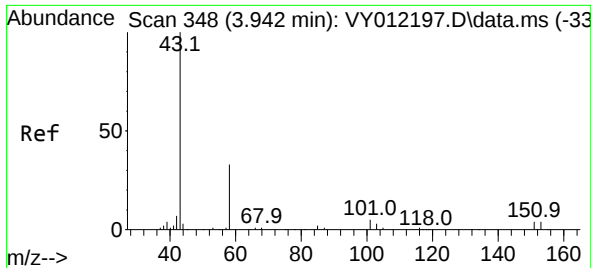
Tgt Ion: 59 Resp: 2317

Ion Ratio Lower Upper

59 100

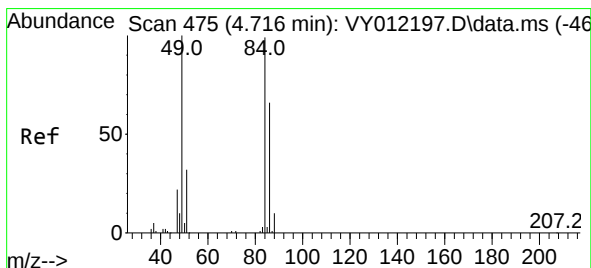
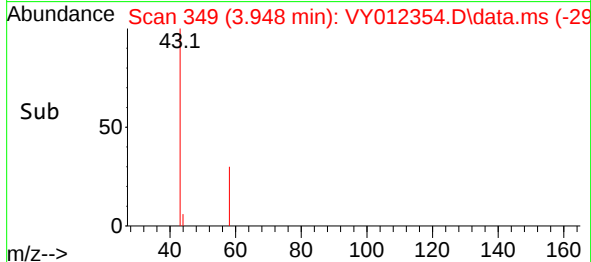
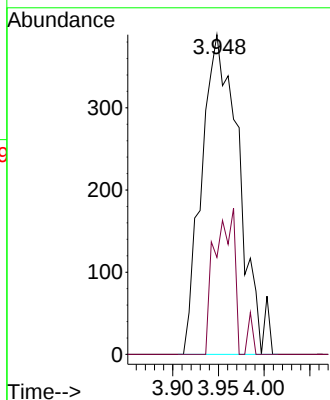
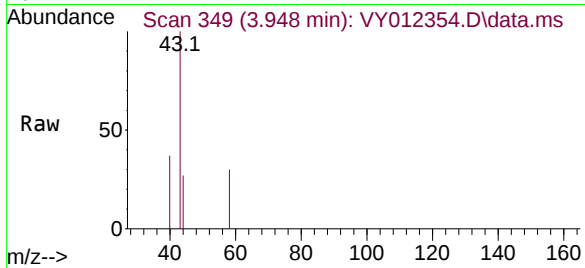
57 0.0 7.4 11.2#





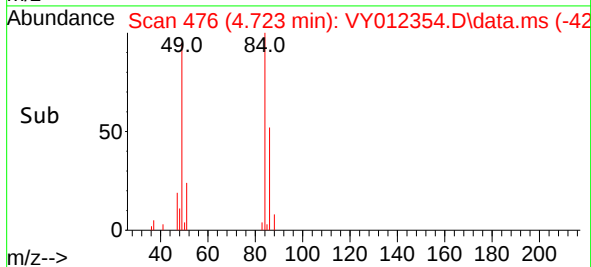
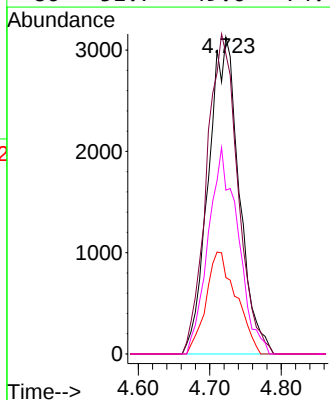
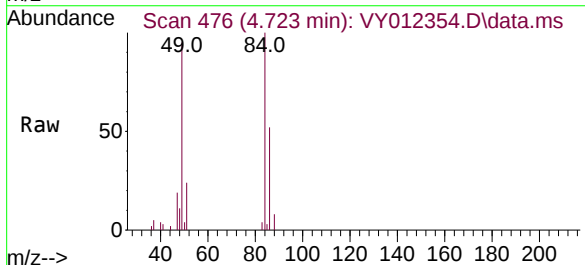
#16
Acetone
Concen: 2.349 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012354.D
Acq: 25 Jan 2023 14:10

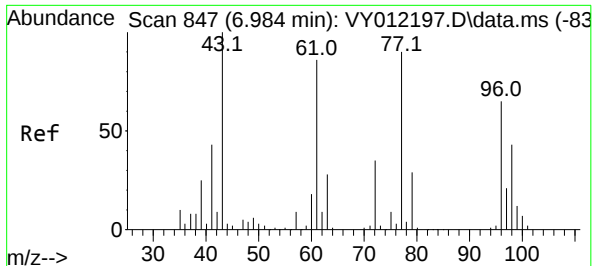
Tgt Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
58 30.3 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012354.D
Acq: 25 Jan 2023 14:10

Tgt Ion: 84 Resp: 9360
Ion Ratio Lower Upper
84 100
49 94.7 95.4 143.2#
51 24.1 29.9 44.9#
86 51.7 49.6 74.4





#25

2-Butanone

Concen: 2.106 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012354.D

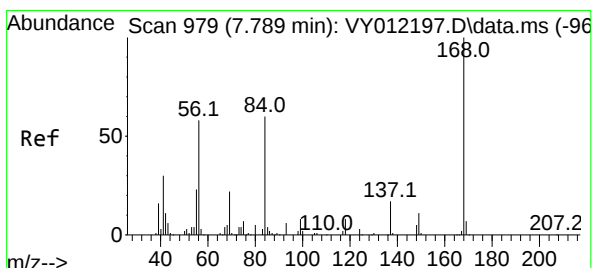
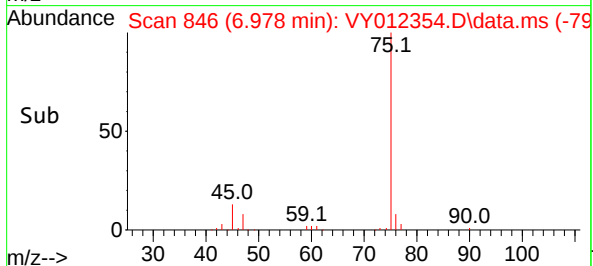
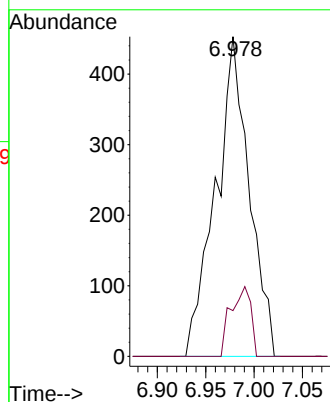
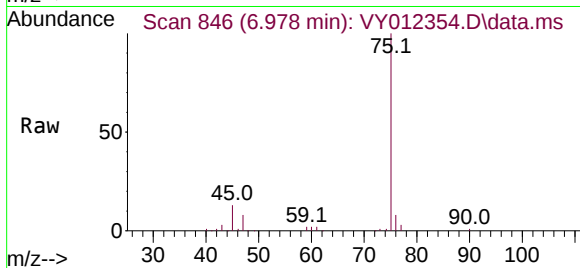
Acq: 25 Jan 2023 14:10

Tgt Ion: 43 Resp: 1091

Ion Ratio Lower Upper

43 100

72 14.3 22.6 34.0#



#31

Cyclohexane

Concen: 1.247 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012354.D

Acq: 25 Jan 2023 14:10

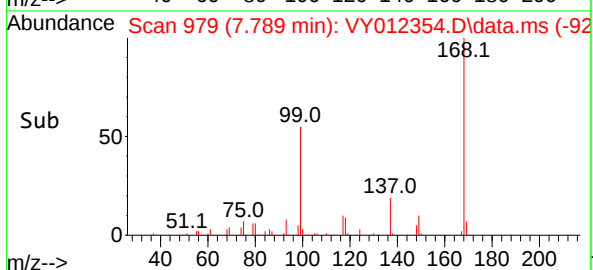
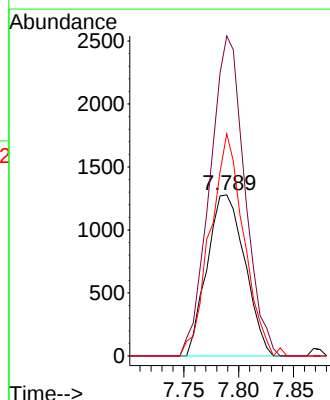
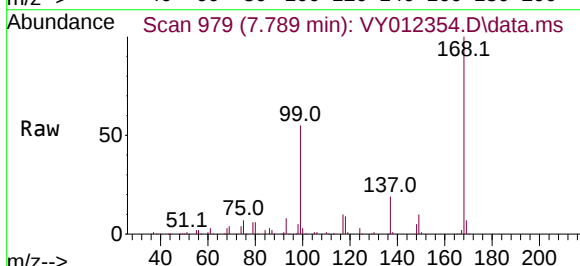
Tgt Ion: 56 Resp: 3063

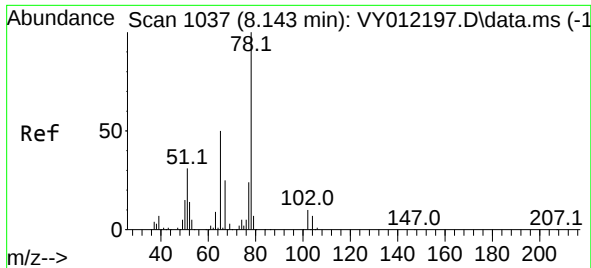
Ion Ratio Lower Upper

56 100

69 198.6 29.2 43.8#

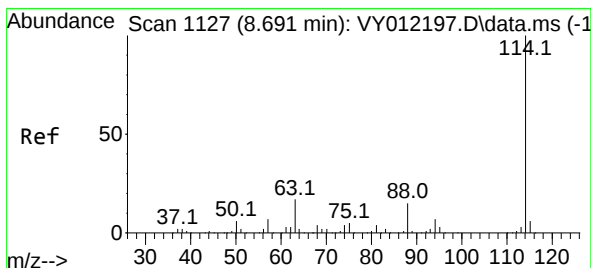
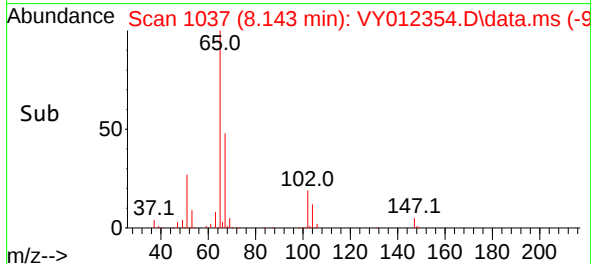
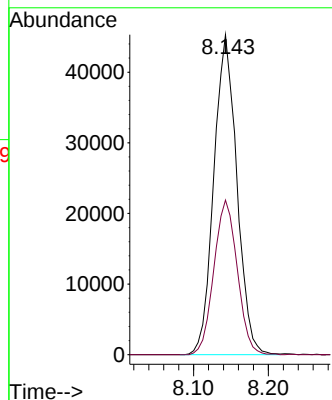
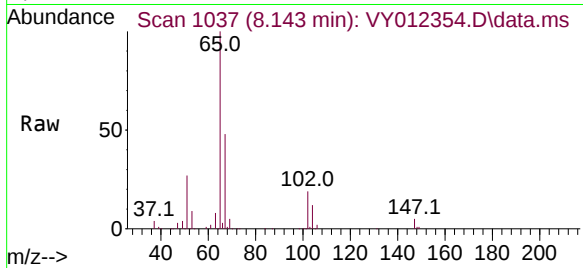
84 137.9 72.6 108.8#





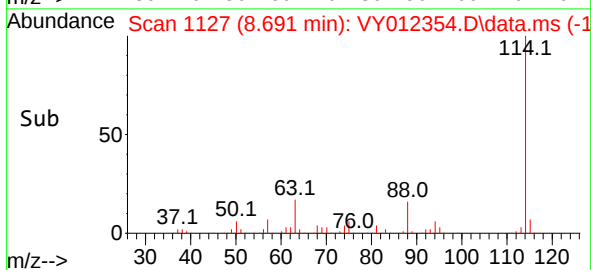
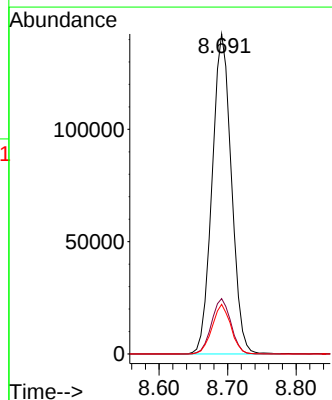
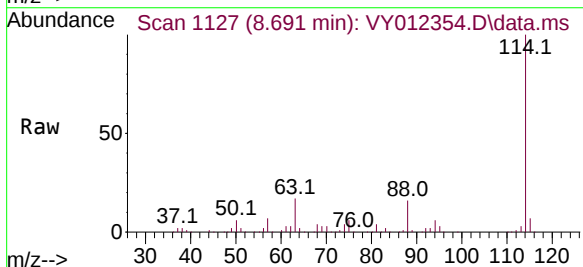
#33
 1,2-Dichloroethane-d4
 Concen: 71.209 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012354.D
 Acq: 25 Jan 2023 14:10

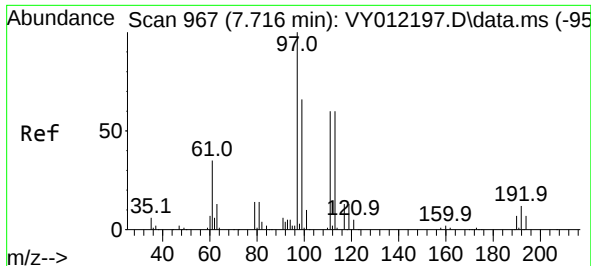
Tgt Ion: 65 Resp: 97115
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012354.D
 Acq: 25 Jan 2023 14:10

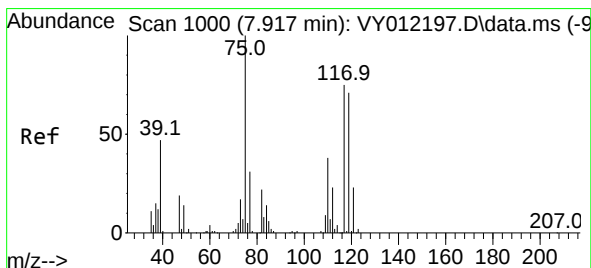
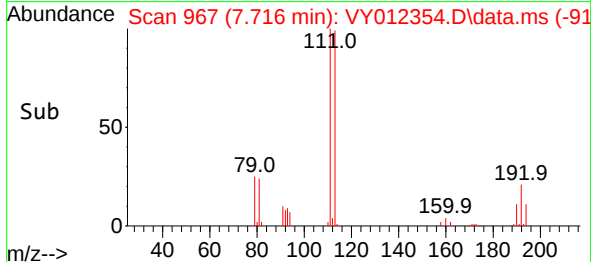
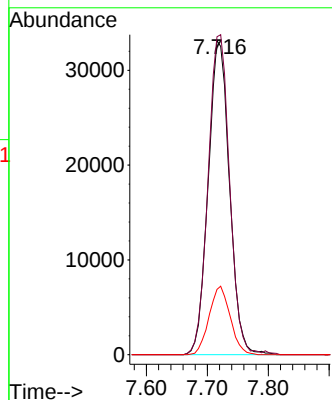
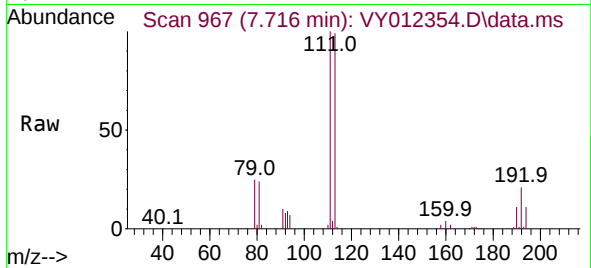
Tgt Ion: 114 Resp: 278529
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 39.6
 88 15.5 0.0 32.2





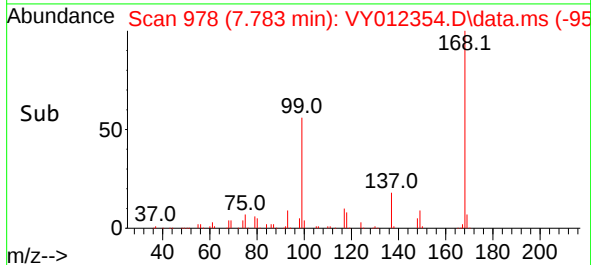
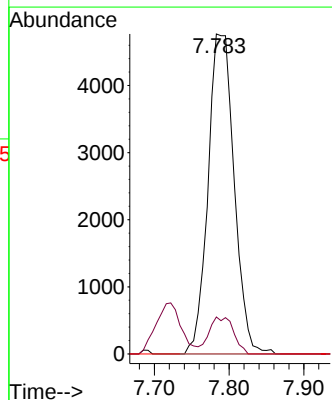
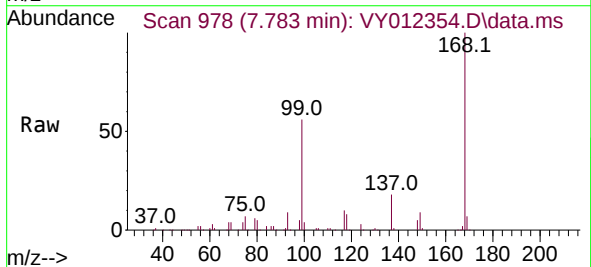
#35
Dibromofluoromethane
Concen: 54.614 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012354.D
Acq: 25 Jan 2023 14:10

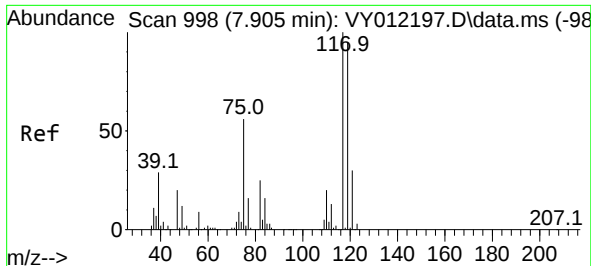
Tgt Ion:113 Resp: 80546
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.4
192 21.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.632 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012354.D
Acq: 25 Jan 2023 14:10

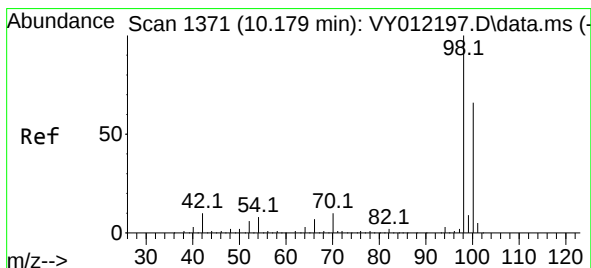
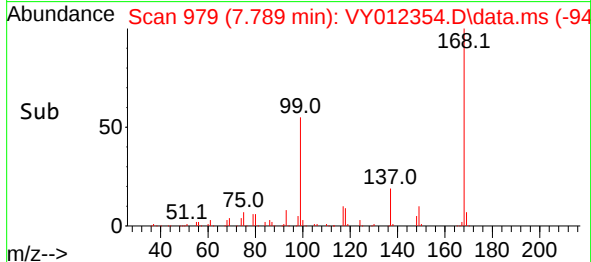
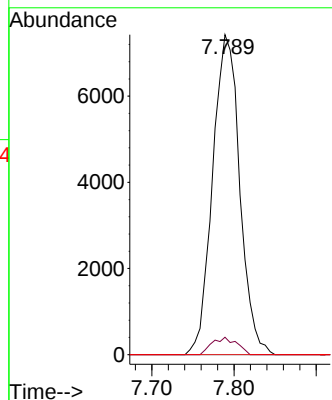
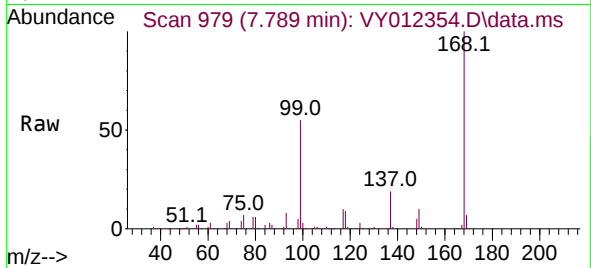
Tgt Ion: 75 Resp: 11610
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.1#
77 0.0 25.1 37.7#





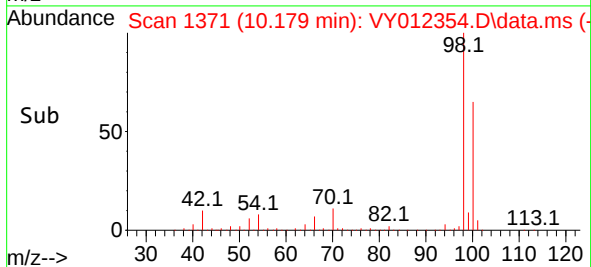
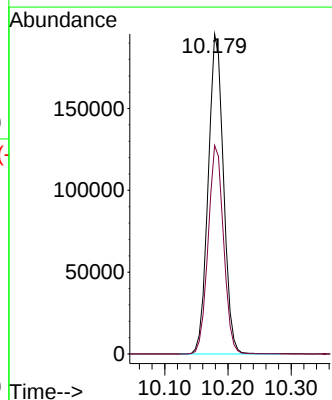
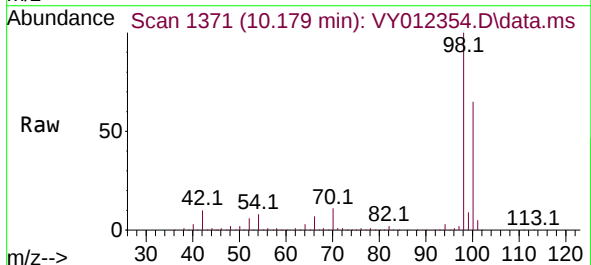
#38
Carbon Tetrachloride
Concen: 5.270 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012354.D
Acq: 25 Jan 2023 14:10

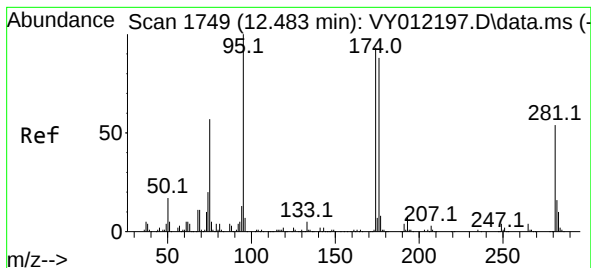
Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	73.8	110.8#
121	0.0	25.2	37.8#



#50
Toluene-d8
Concen: 65.654 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012354.D
Acq: 25 Jan 2023 14:10

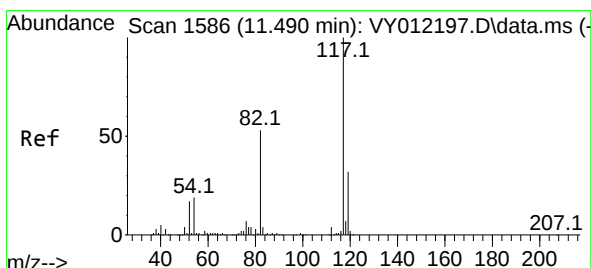
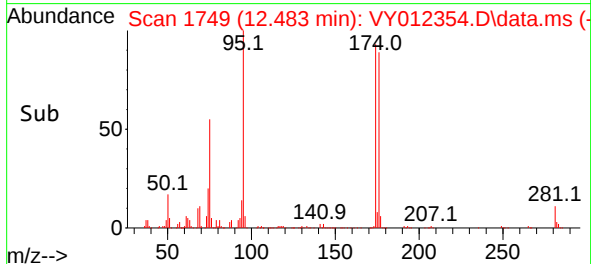
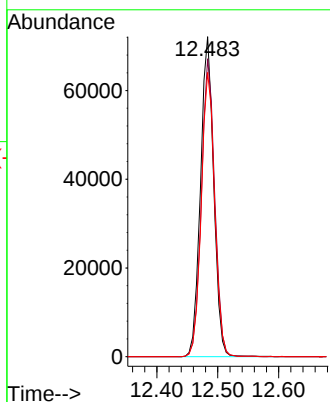
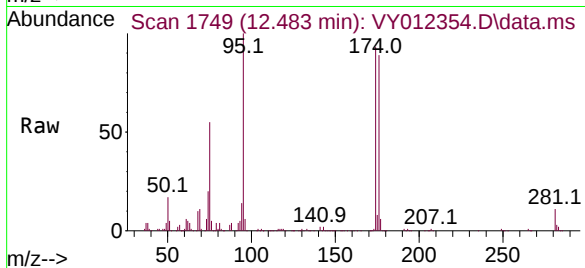
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.9	77.9





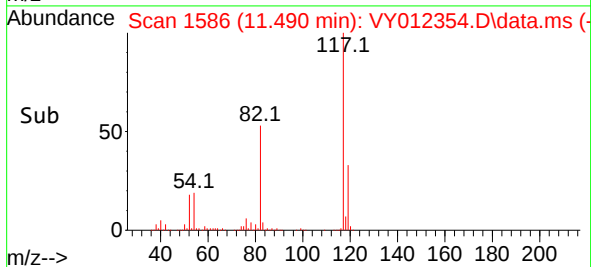
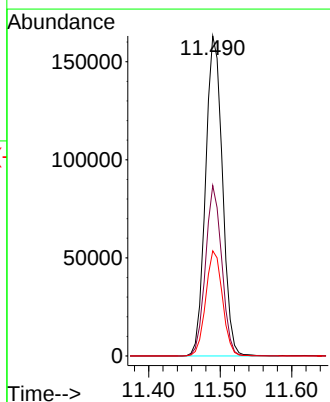
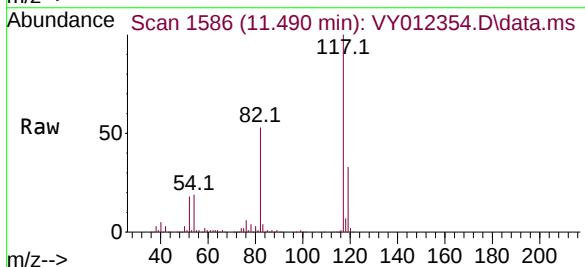
#62
4-Bromofluorobenzene
Concen: 52.187 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012354.D
Acq: 25 Jan 2023 14:10

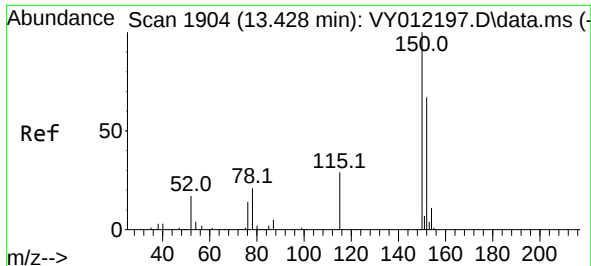
Tgt Ion: 95 Resp: 108499
Ion Ratio Lower Upper
95 100
174 94.1 0.0 172.0
176 90.4 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012354.D
Acq: 25 Jan 2023 14:10

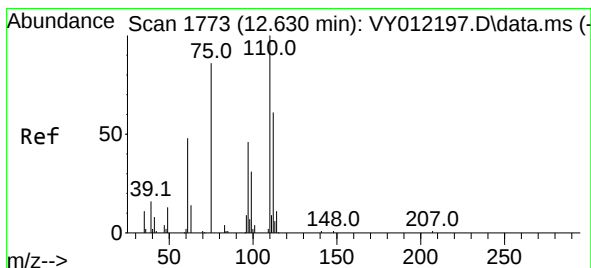
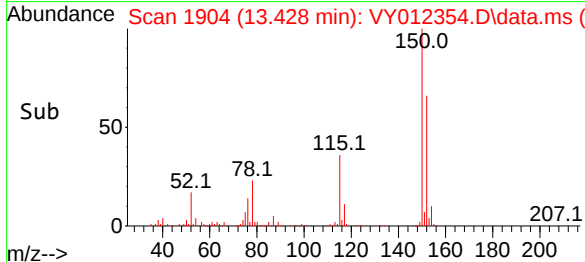
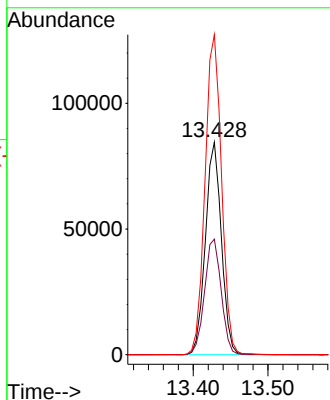
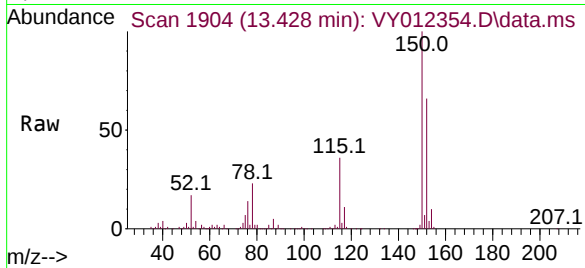
Tgt Ion: 117 Resp: 267231
Ion Ratio Lower Upper
117 100
82 53.3 44.8 67.2
119 32.9 25.4 38.2





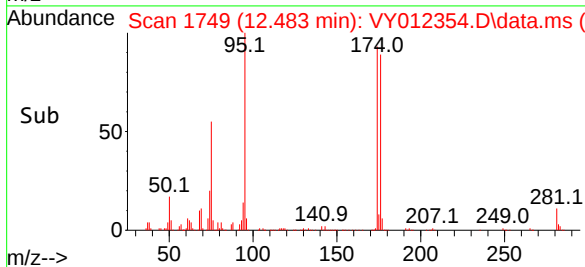
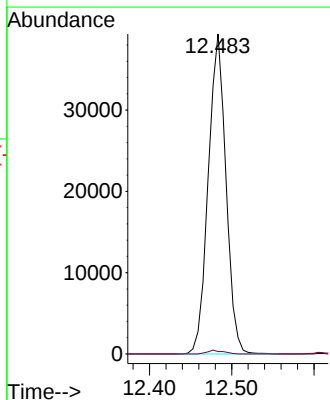
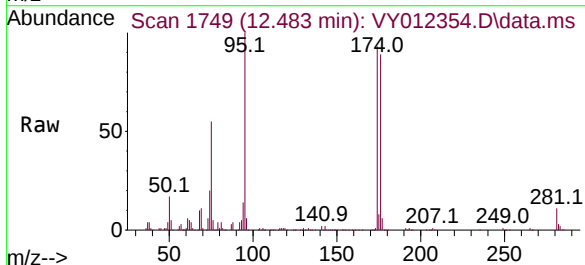
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012354.D
 Acq: 25 Jan 2023 14:10

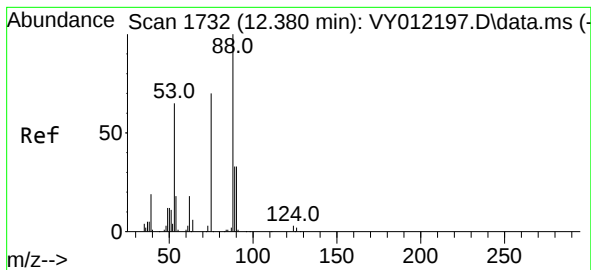
Tgt Ion:152 Resp: 125649
 Ion Ratio Lower Upper
 152 100
 115 56.5 29.1 87.3
 150 155.1 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 50.876 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012354.D
 Acq: 25 Jan 2023 14:10

Tgt Ion: 75 Resp: 58781
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.826 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.109 min
 Lab File: VY012354.D
 Acq: 25 Jan 2023 14:10

Tgt Ion: 75 Resp: 58781
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

