

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012523\
 Data File : VY012353.D
 Acq On : 25 Jan 2023 13:47
 Operator : KP/MD
 Sample : VY0125SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 26 04:07:29 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

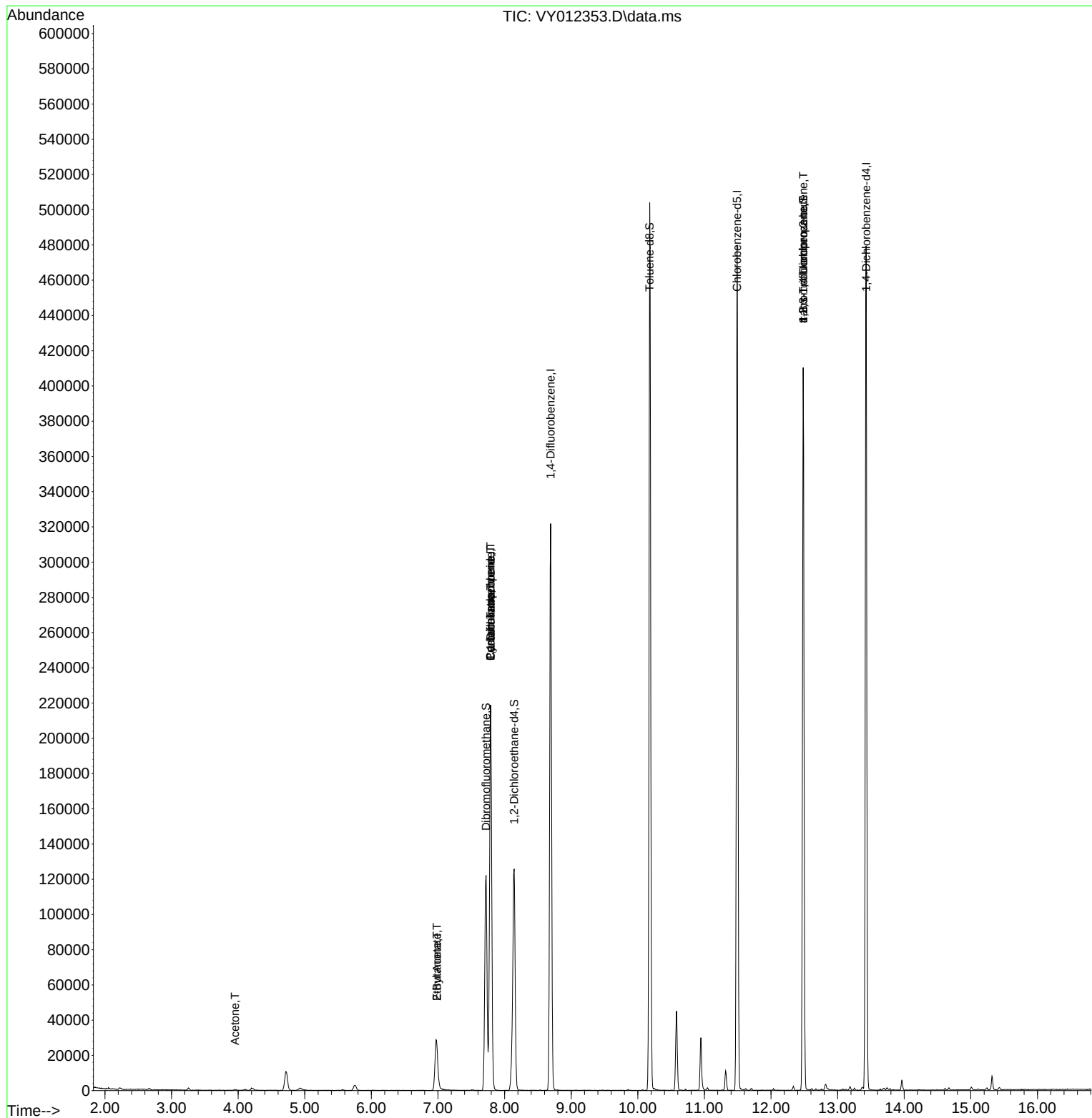
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

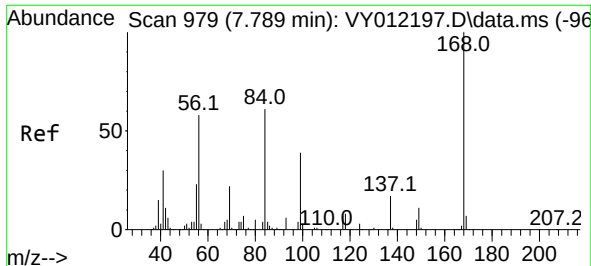
Internal Standards						
1) Pentafluorobenzene	7.789	168	171536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	282715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	100309	72.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.600%	
35) Dibromofluoromethane	7.722	113	83806	55.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.960%	
50) Toluene-d8	10.179	98	337417	66.482	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.960%	
62) 4-Bromofluorobenzene	12.483	95	114067	54.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	1639	Below Cal	#	74
16) Acetone	3.954	43	993	2.079	ug/l #	81
20) Methylene Chloride	4.716	84	8947	Below Cal		86
25) 2-Butanone	6.984	43	1392	2.640	ug/l #	75
31) Cyclohexane	7.789	56	3178	1.271	ug/l #	24
36) 1,1-Dichloropropene	7.789	75	11808	4.641	ug/l #	50
37) Ethyl Acetate	6.984	43	1392	1.241	ug/l #	1
38) Carbon Tetrachloride	7.789	117	17083	5.199	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	61860	52.173	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61860	107.499	ug/l #	13

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

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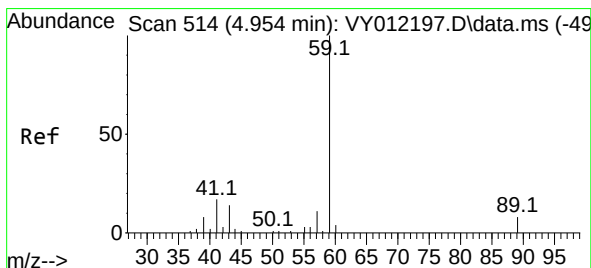
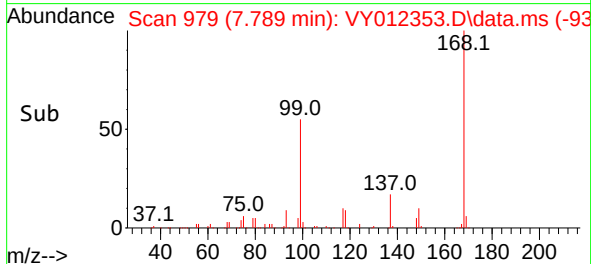
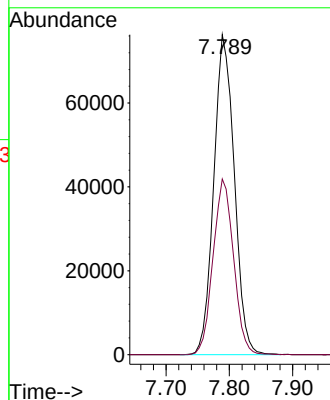
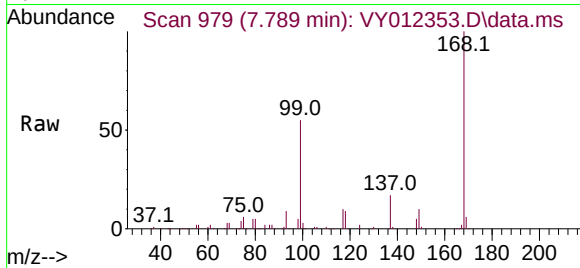
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QLast Update : Tue Jan 17 04:31:47 2023
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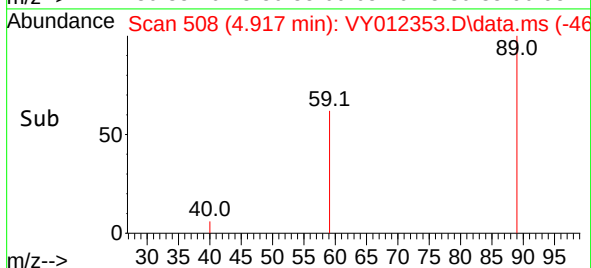
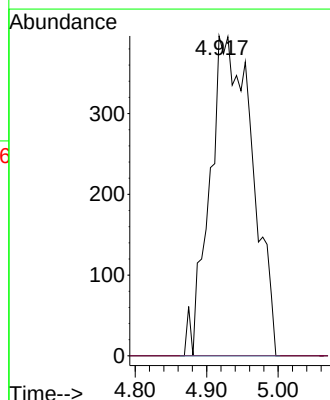
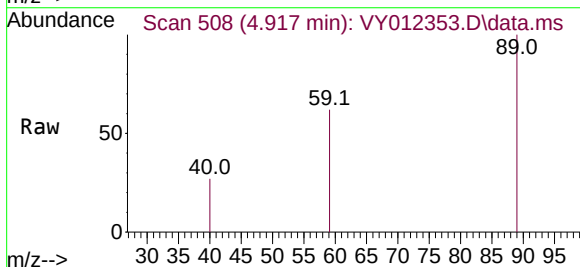
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY012353.D
Acq: 25 Jan 2023 13:47

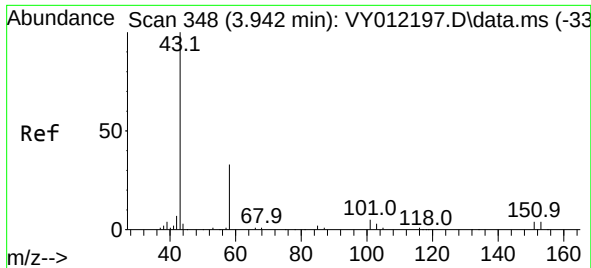
Tgt Ion:168 Resp: 171536
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY012353.D
Acq: 25 Jan 2023 13:47

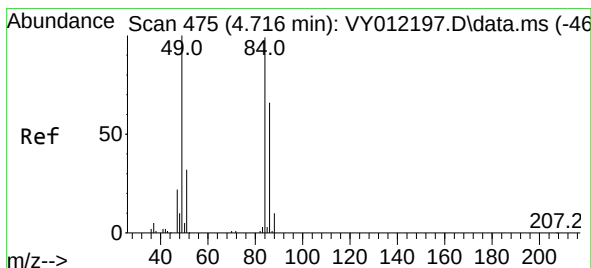
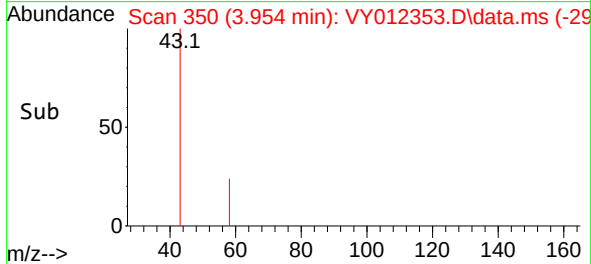
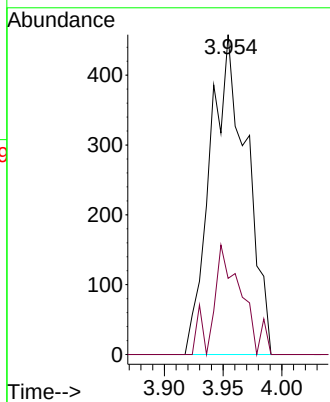
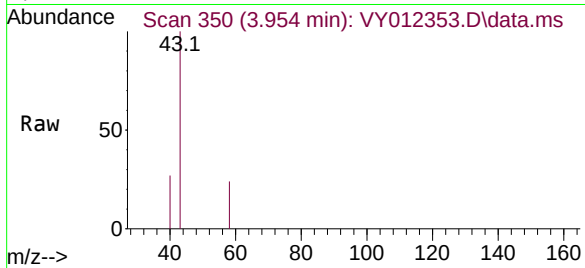
Tgt Ion: 59 Resp: 1639
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





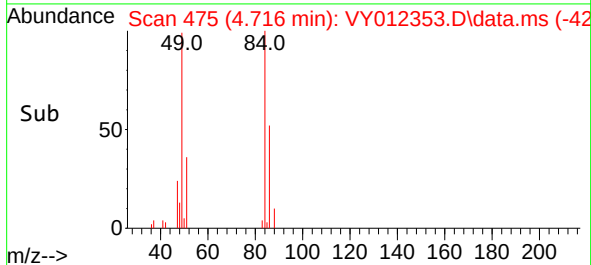
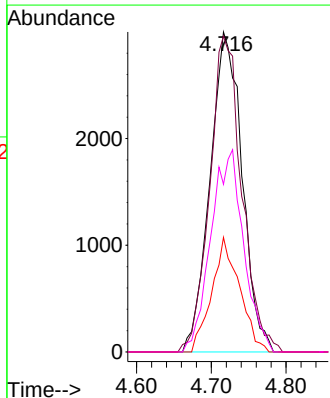
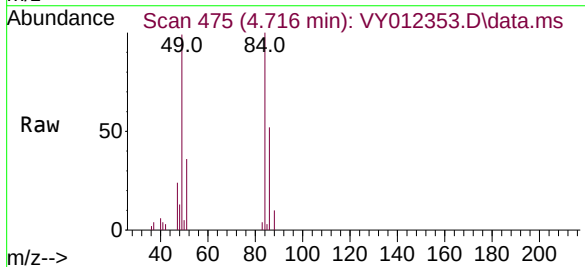
#16
Acetone
Concen: 2.079 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012353.D
Acq: 25 Jan 2023 13:47

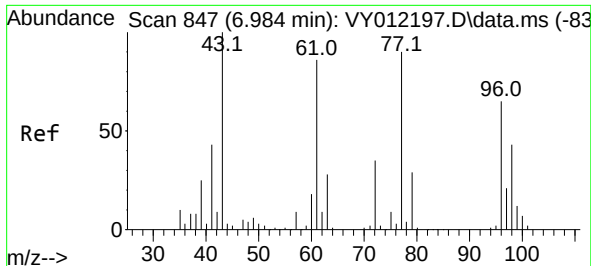
Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
58 23.8 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012353.D
Acq: 25 Jan 2023 13:47

Tgt Ion: 84 Resp: 8947
Ion Ratio Lower Upper
84 100
49 98.7 95.4 143.2
51 35.8 29.9 44.9
86 52.4 49.6 74.4





#25

2-Butanone

Concen: 2.640 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012353.D

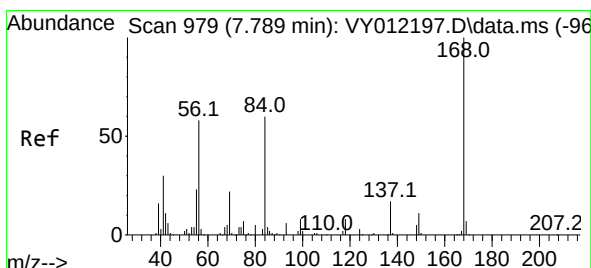
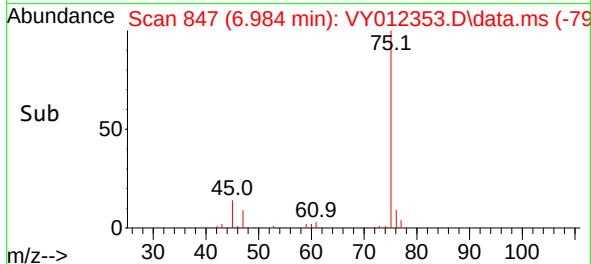
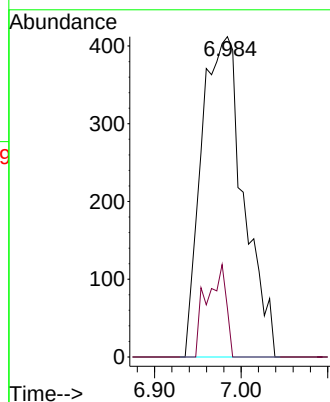
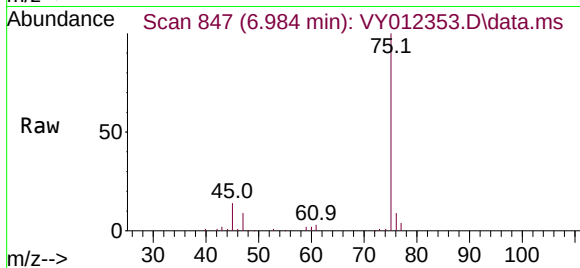
Acq: 25 Jan 2023 13:47

Tgt Ion: 43 Resp: 1392

Ion Ratio Lower Upper

43 100

72 15.3 22.6 34.0#



#31

Cyclohexane

Concen: 1.271 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012353.D

Acq: 25 Jan 2023 13:47

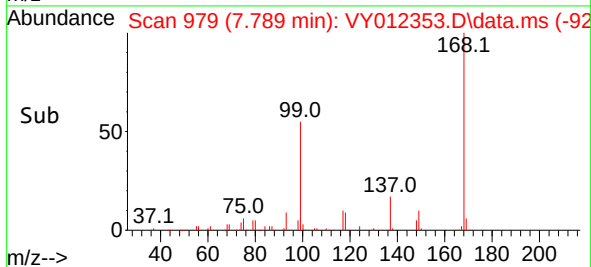
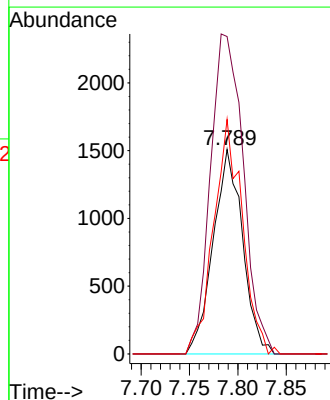
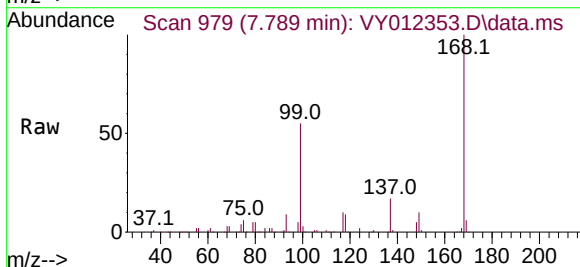
Tgt Ion: 56 Resp: 3178

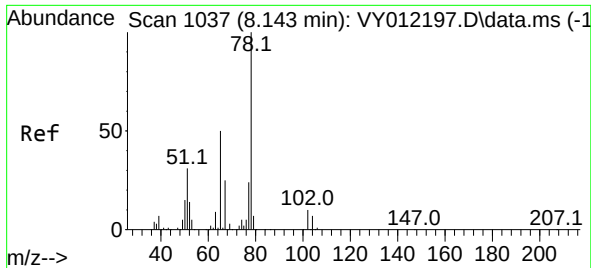
Ion Ratio Lower Upper

56 100

69 155.2 29.2 43.8#

84 114.7 72.6 108.8#

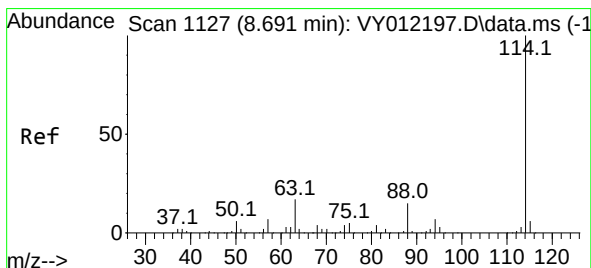
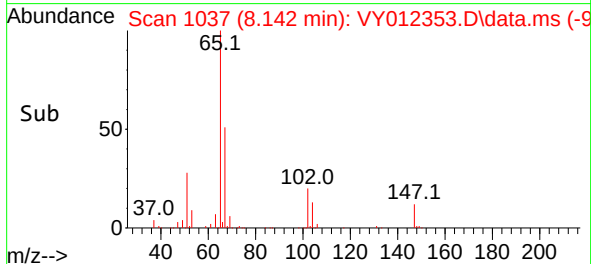
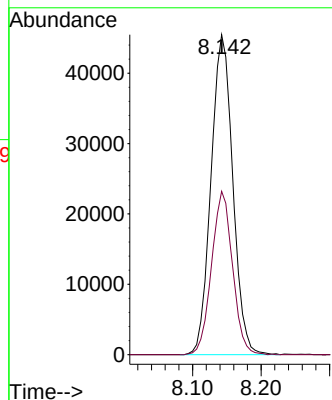
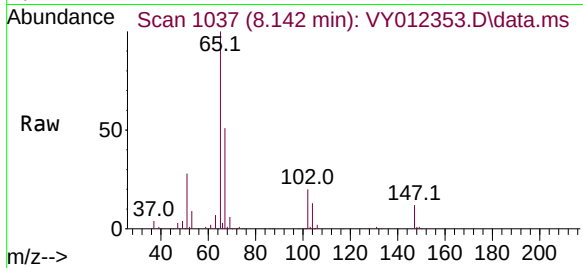




#33
 1,2-Dichloroethane-d4
 Concen: 72.303 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012353.D
 Acq: 25 Jan 2023 13:47

Tgt Ion: 65 Resp: 100309

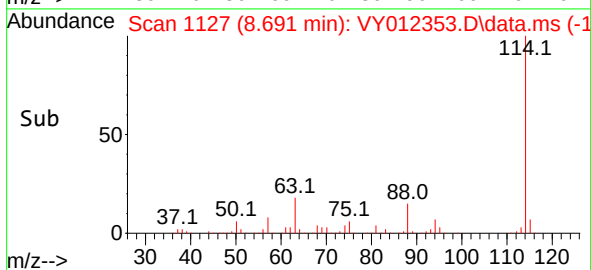
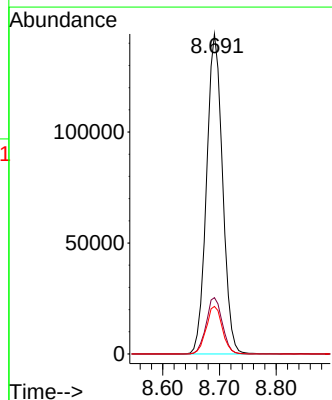
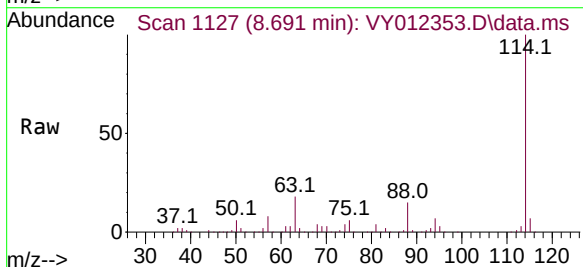
Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	103.2

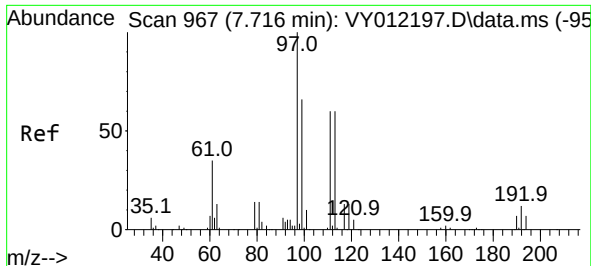


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012353.D
 Acq: 25 Jan 2023 13:47

Tgt Ion: 114 Resp: 282715

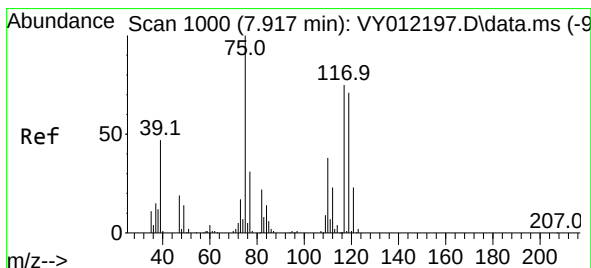
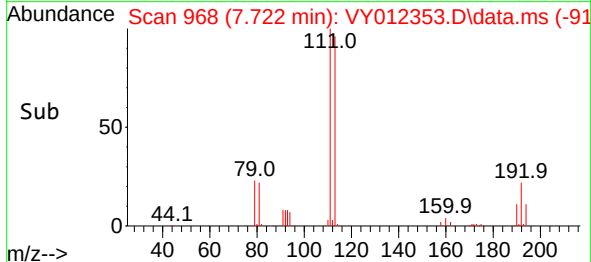
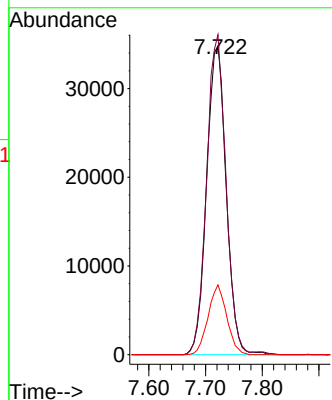
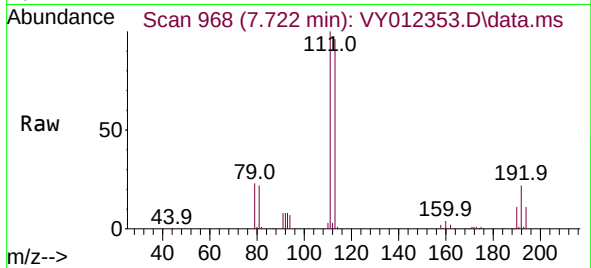
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	39.6
88	14.9	0.0	32.2





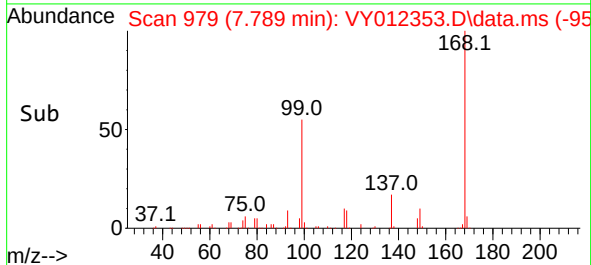
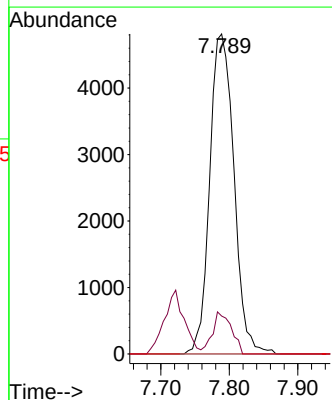
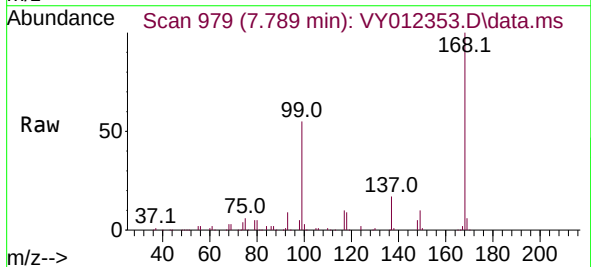
#35
Dibromofluoromethane
Concen: 55.984 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY012353.D
Acq: 25 Jan 2023 13:47

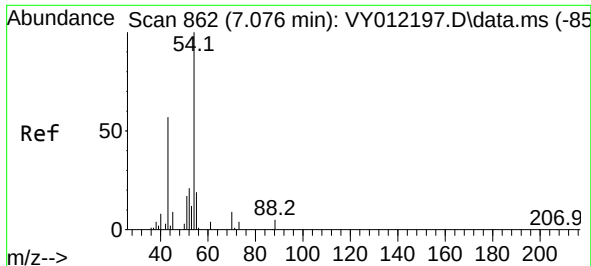
Tgt Ion:113 Resp: 83806
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.4
192 21.5 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.641 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012353.D
Acq: 25 Jan 2023 13:47

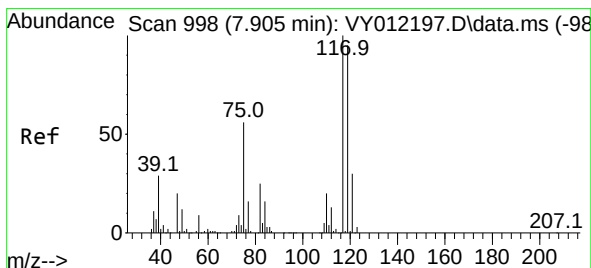
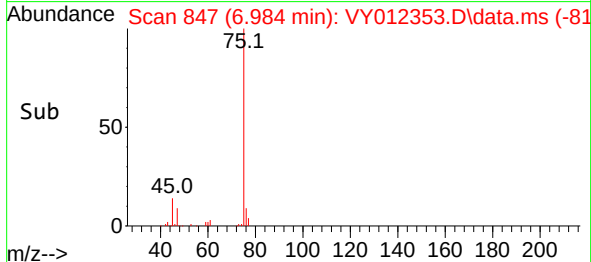
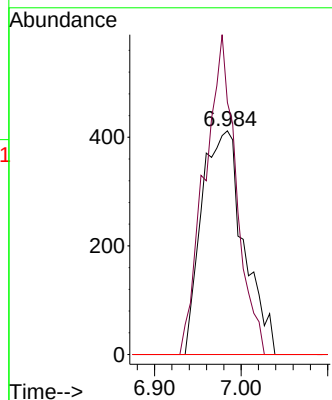
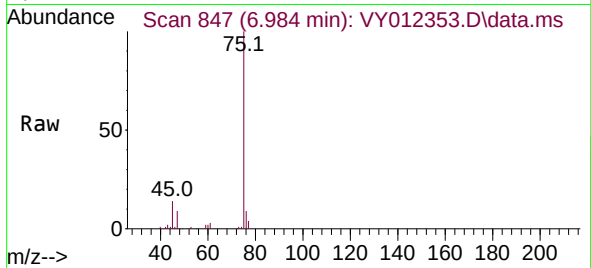
Tgt Ion: 75 Resp: 11808
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.1#
77 0.0 25.1 37.7#





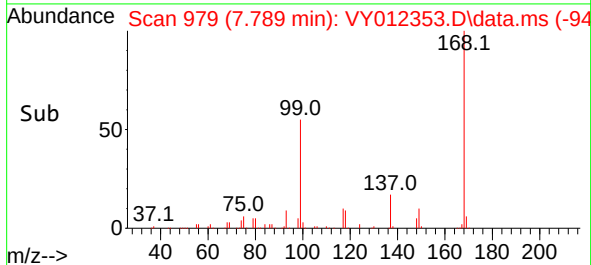
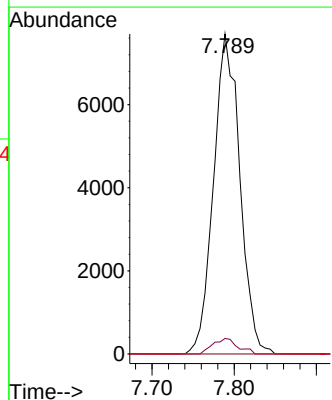
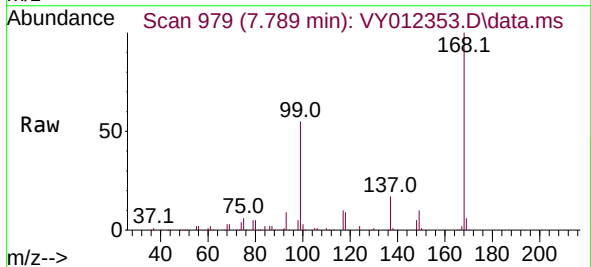
#37
Ethyl Acetate
Concen: 1.241 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.092 min
Lab File: VY012353.D
Acq: 25 Jan 2023 13:47

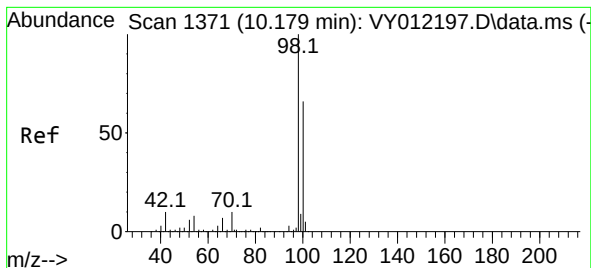
Tgt Ion: 43 Resp: 1392
Ion Ratio Lower Upper
43 100
61 107.5 11.3 16.9#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 5.199 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012353.D
Acq: 25 Jan 2023 13:47

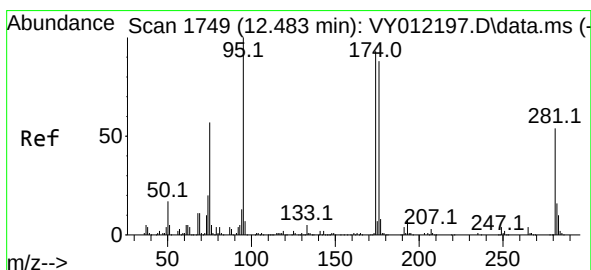
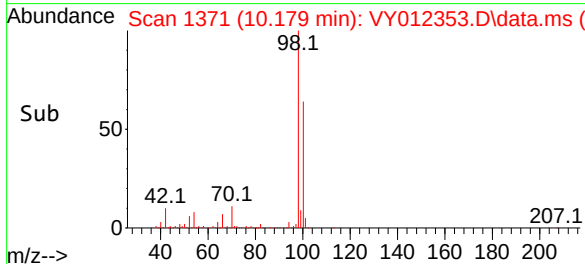
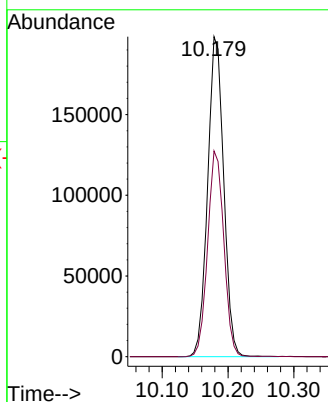
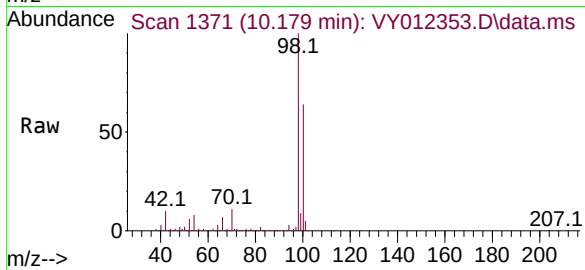
Tgt Ion: 117 Resp: 17083
Ion Ratio Lower Upper
117 100
119 4.8 73.8 110.8#
121 0.0 25.2 37.8#





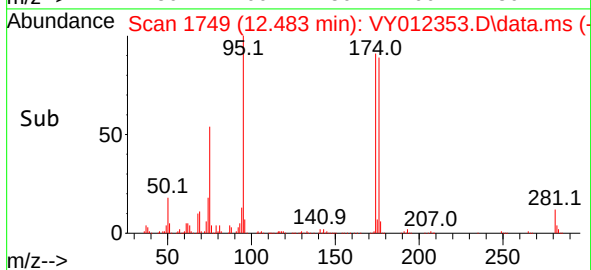
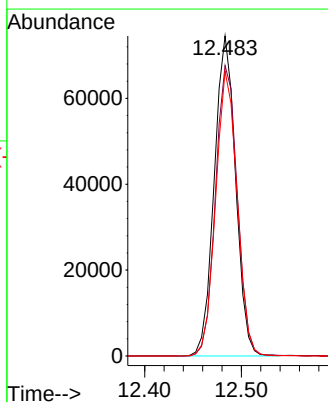
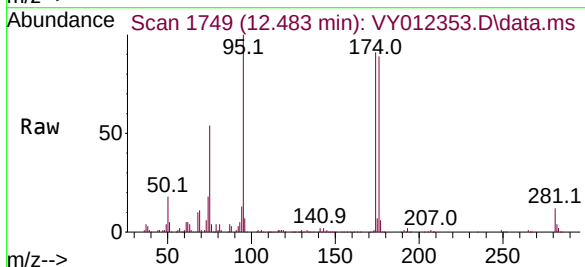
#50
Toluene-d8
Concen: 66.482 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012353.D
Acq: 25 Jan 2023 13:47

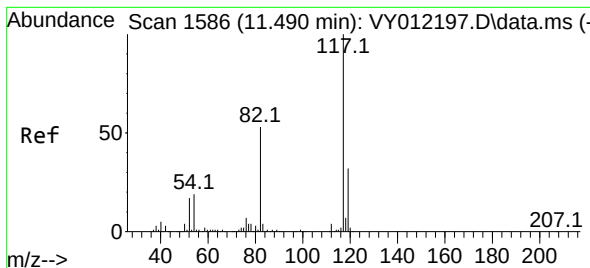
Tgt Ion: 98 Resp: 337417
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.053 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012353.D
Acq: 25 Jan 2023 13:47

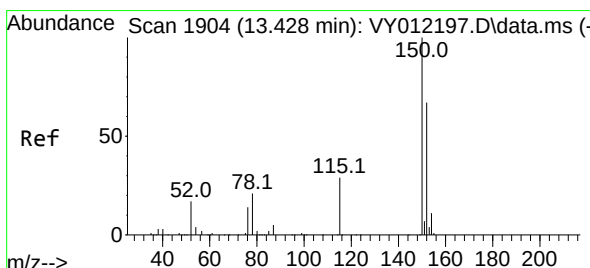
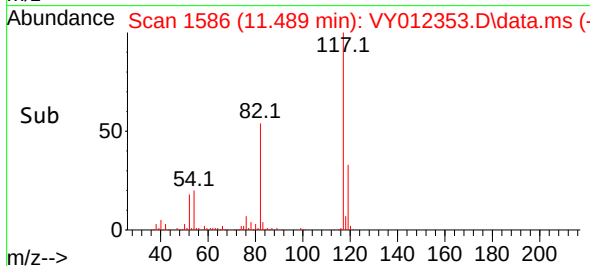
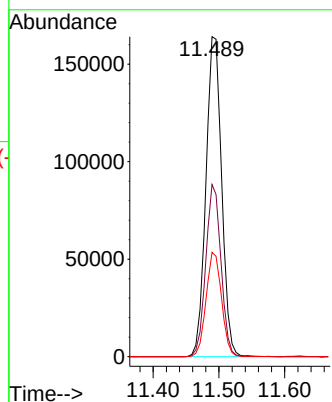
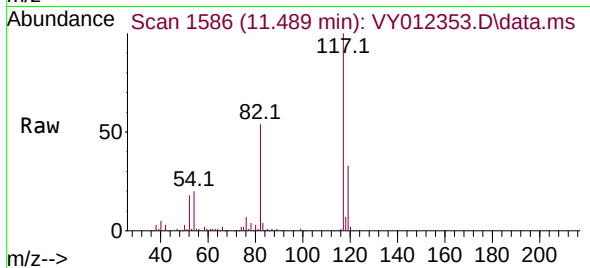
Tgt Ion: 95 Resp: 114067
Ion Ratio Lower Upper
95 100
174 92.8 0.0 172.0
176 89.5 0.0 167.6





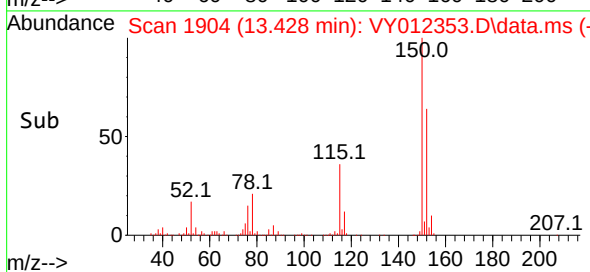
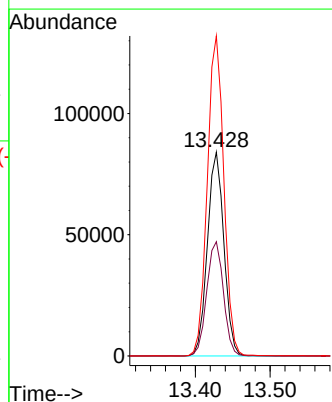
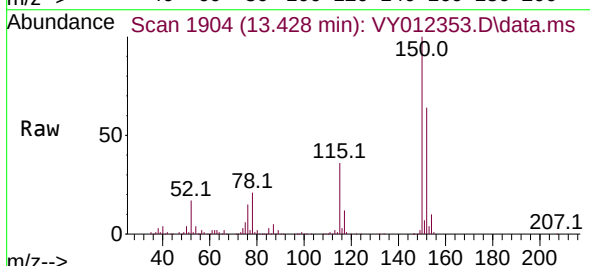
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012353.D
Acq: 25 Jan 2023 13:47

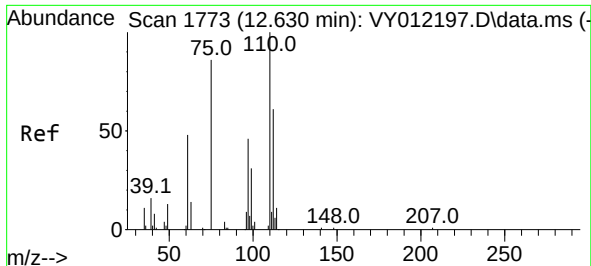
Tgt Ion:117 Resp: 273235
Ion Ratio Lower Upper
117 100
82 53.8 44.8 67.2
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012353.D
Acq: 25 Jan 2023 13:47

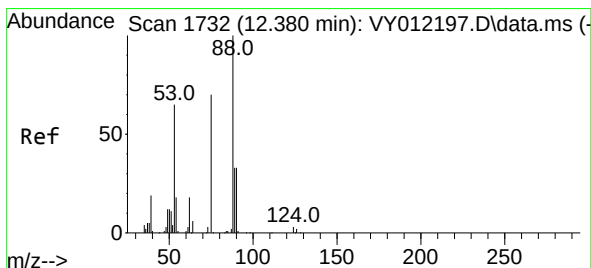
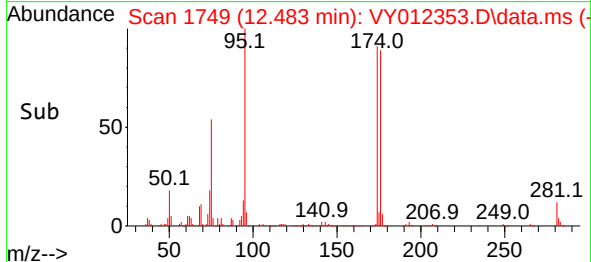
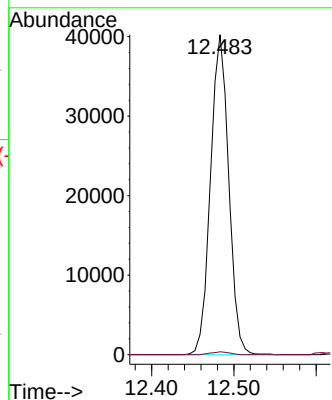
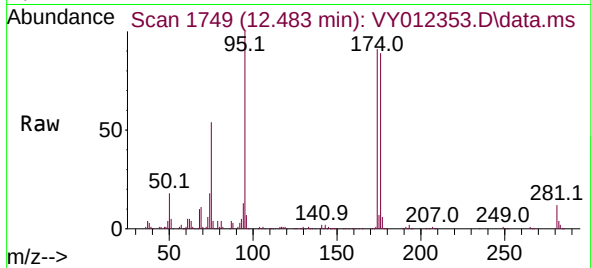
Tgt Ion:152 Resp: 128943
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 157.5 0.0 342.6





#76
1,2,3-Trichloropropane
Concen: 52.173 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012353.D
Acq: 25 Jan 2023 13:47

Tgt Ion: 75 Resp: 61860
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.499 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012353.D
Acq: 25 Jan 2023 13:47

Tgt Ion: 75 Resp: 61860
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

