

Data File : VU023548.D
Acq On : 01 May 2018 11:47
Operator : MD/SY
Sample : VSTD10060
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 02 02:18:08 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 02 02:16:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	342412	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	328170	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	173323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	240428	108.94	ug/L	0.00
7) Chloroethane-d5	1.68	69	183202	104.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	466812	103.40	ug/L	0.00
21) 2-Butanone-d5	4.18	46	366068	191.50	ug/L	0.00
24) Chloroform-d	4.65	84	419009	96.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	279062	96.42	ug/L	0.00
32) Benzene-d6	5.35	84	907230	98.76	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	302263	96.33	ug/L	0.00
41) Toluene-d8	7.57	98	860707	102.60	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	137464	102.60	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	260697	189.43	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	393420	95.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	339487	95.70	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	332161	99.08	ug/L	99
3) Chloromethane	1.33	50	357391	84.99	ug/L	100
5) Vinyl chloride	1.40	62	343180	97.95	ug/L	98
6) Bromomethane	1.62	94	186422	113.35	ug/L	99
8) Chloroethane	1.70	64	195379	96.57	ug/L	99
9) Trichlorofluoromethane	1.89	101	384599	98.27	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	248299	99.16	ug/L	99
12) 1,1-Dichloroethene	2.28	96	230160	100.08	ug/L	91
13) Acetone	2.32	43	433166	230.97	ug/L	100
14) Carbon disulfide	2.48	76	798144	102.21	ug/L	99
15) Methyl Acetate	2.62	43	312590	93.84	ug/L	100
16) Methylene chloride	2.70	84	278897	92.98	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	254838	101.49	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	781449	100.03	ug/L	100
19) 1,1-Dichloroethane	3.45	63	494898	96.21	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	285110	101.58	ug/L	99
22) 2-Butanone	4.26	43	521578	210.52	ug/L	98
23) Bromochloromethane	4.55	128	140786	99.40	ug/L	99
25) Chloroform	4.68	83	491901	99.33	ug/L	98
27) 1,2-Dichloroethane	5.41	62	381698	96.43	ug/L	99
29) Cyclohexane	5.00	56	489962	100.04	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	387525	95.96	ug/L	100
31) Carbon tetrachloride	5.14	117	342967	98.33	ug/L	99
33) Benzene	5.39	78	1097647	96.09	ug/L	100
34) Trichloroethene	6.19	95	275704	99.77	ug/L	99
35) Methylcyclohexane	6.42	83	460769	98.51	ug/L	100
37) 1,2-Dichloropropane	6.44	63	310130	95.23	ug/L	99
38) Bromodichloromethane	6.76	83	353647	97.60	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	458486	102.51	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	825552	193.22	ug/L	100

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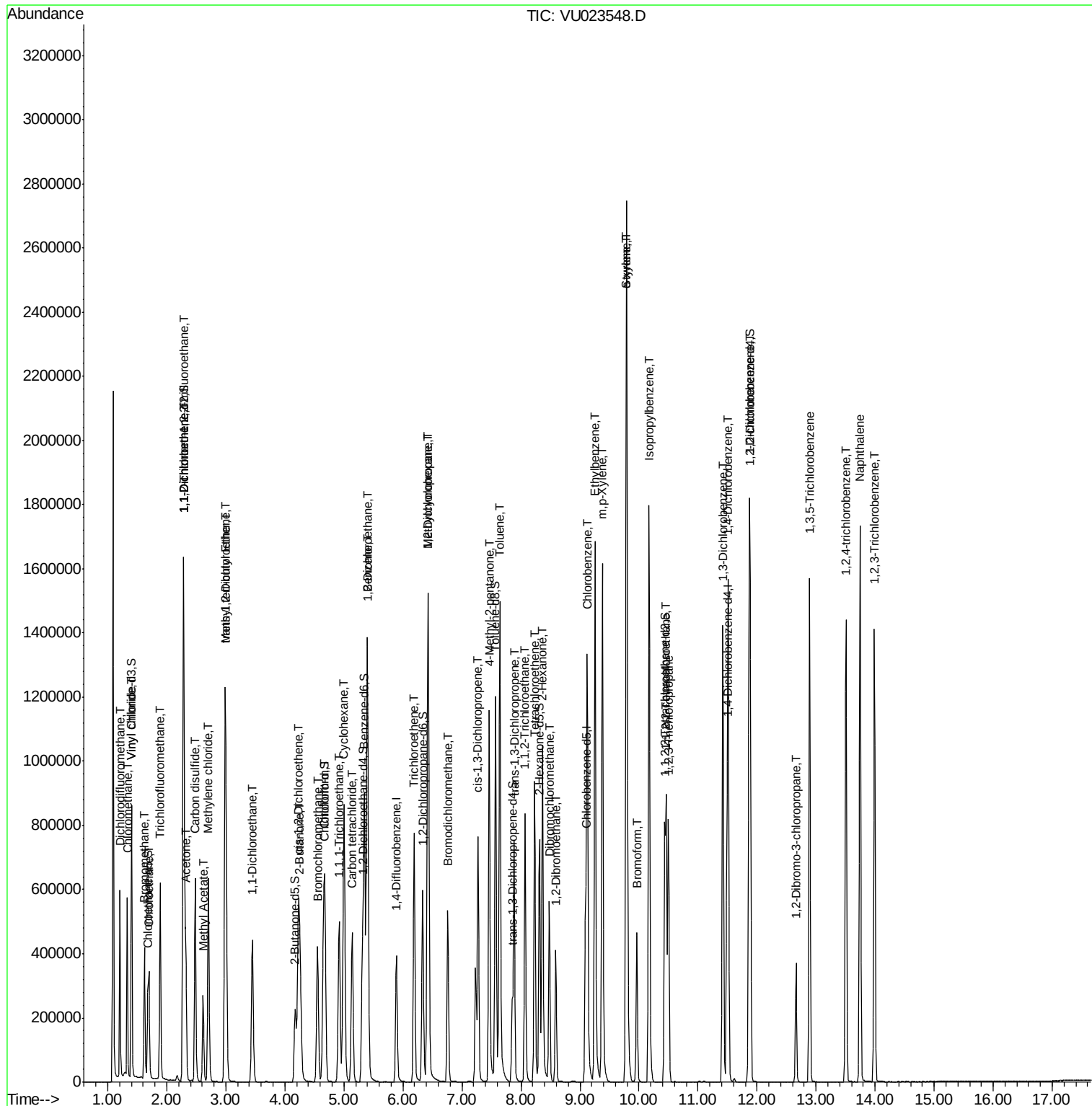
Quant Time: May 02 02:18:08 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
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QLast Update : Wed May 02 02:16:14 2018
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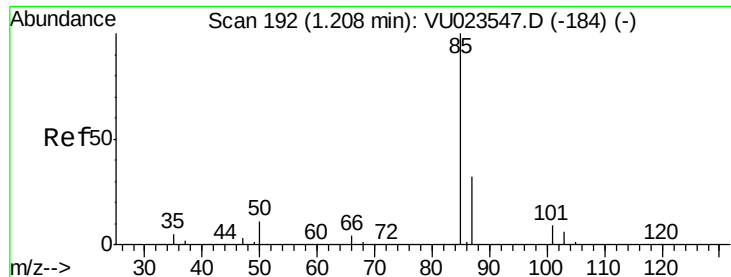
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.64	91	1156806	100.83	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	412654	102.88	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	260792	95.95	ug/L	100
46) Tetrachloroethene	8.23	164	226589	102.95	ug/L	99
48) 2-Hexanone	8.36	43	707752	205.28	ug/L	99
49) Dibromochloromethane	8.48	129	288741	101.96	ug/L	100
50) 1,2-Dibromoethane	8.59	107	269357	96.94	ug/L	99
51) Chlorobenzene	9.12	112	743383	101.10	ug/L	99
52) Ethylbenzene	9.25	91	1275802	103.87	ug/L	100
53) m,p-Xylene	9.38	106	490428	107.20	ug/L	100
54) o-xylene	9.78	106	468674	104.39	ug/L	97
55) Styrene	9.80	104	826200	108.06	ug/L	99
56) Isopropylbenzene	10.17	105	1223020	104.56	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	439224	94.83	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	344616	92.51	ug/L	99
61) Bromoform	9.96	173	210994	94.66	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	588066	100.06	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	605087	99.28	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	591223	95.01	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	91493	88.80	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	491963	104.19	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	444202	108.35	ug/L	99
69) Naphthalene	13.74	128	1327173	103.53	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	450284	101.59	ug/L	100

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

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#2

Dichlorodifluoromethane

Concen: 99.08 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023548.D

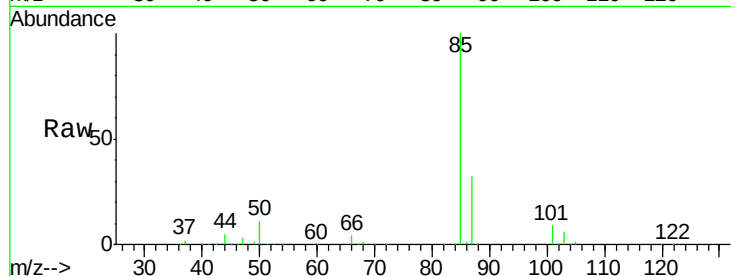
Acq: 01 May 2018 11:47

Tgt Ion: 85 Resp: 332161

Ion Ratio Lower Upper

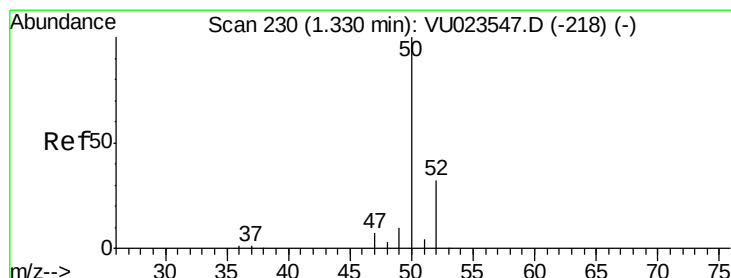
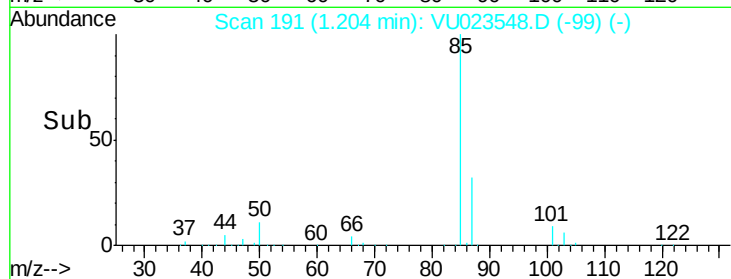
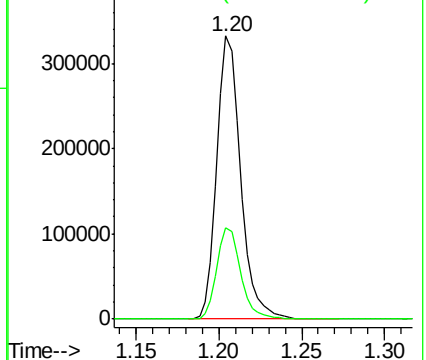
85 100

87 32.3 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 84.99 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU023548.D

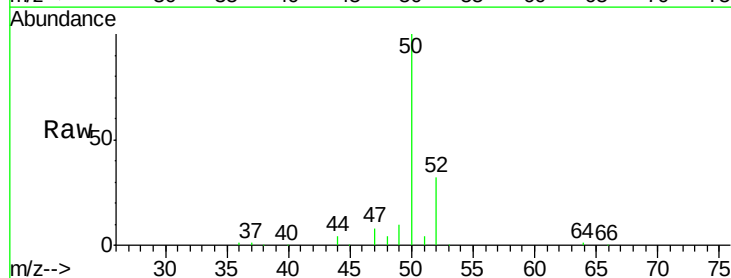
Acq: 01 May 2018 11:47

Tgt Ion: 50 Resp: 357391

Ion Ratio Lower Upper

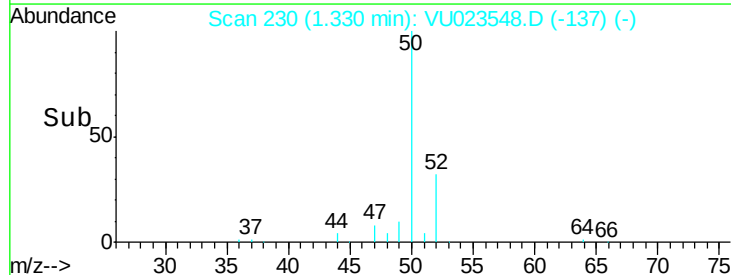
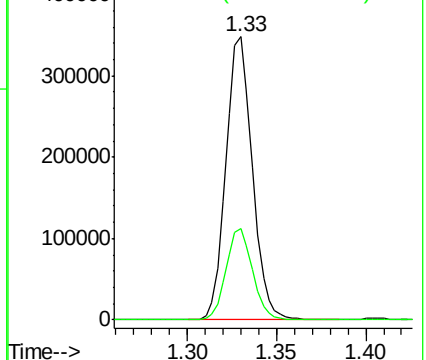
50 100

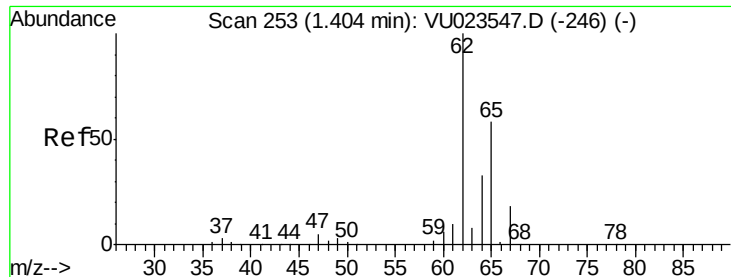
52 32.1 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 97.95 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023548.D

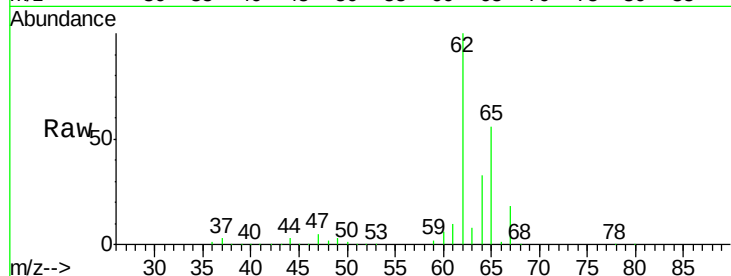
Acq: 01 May 2018 11:47

Tgt Ion: 62 Resp: 343180

Ion Ratio Lower Upper

62 100

64 33.4 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

300000

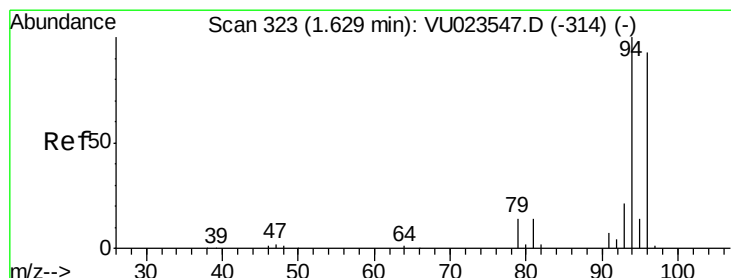
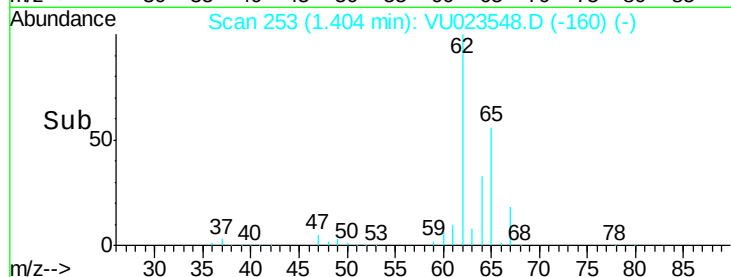
200000

100000

0

Time-->

1.35 1.40 1.45 1.50



#6

Bromomethane

Concen: 113.35 ug/L

RT: 1.62 min Scan# 321

Delta R.T. -0.01 min

Lab File: VU023548.D

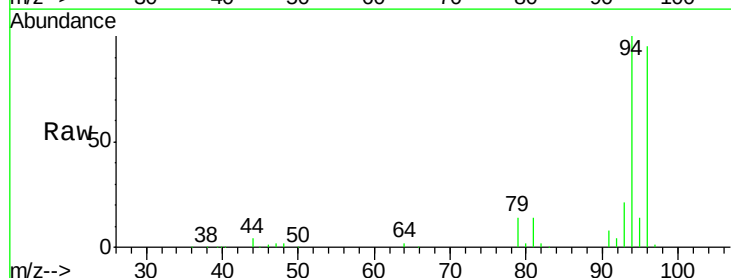
Acq: 01 May 2018 11:47

Tgt Ion: 94 Resp: 186422

Ion Ratio Lower Upper

94 100

96 94.6 65.3 121.3



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.62

150000

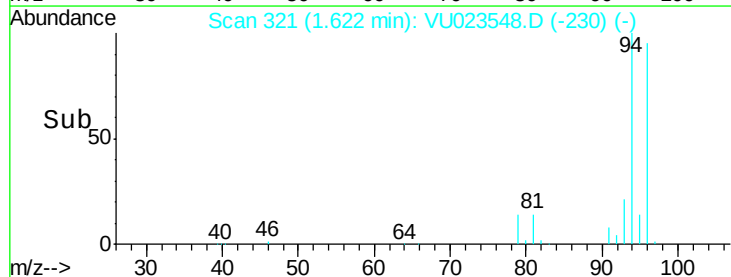
100000

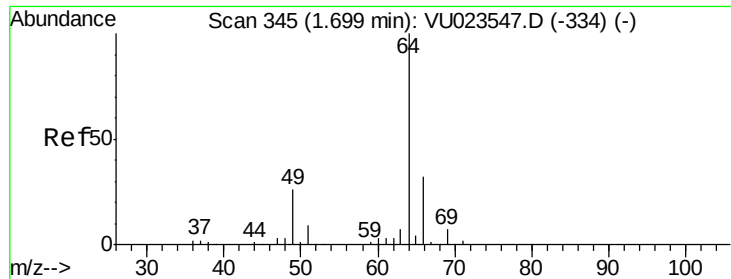
50000

0

Time-->

1.55 1.60 1.65 1.70





#8

Chloroethane

Concen: 96.57 ug/L

RT: 1.70 min Scan# 344

Delta R.T. -0.00 min

Lab File: VU023548.D

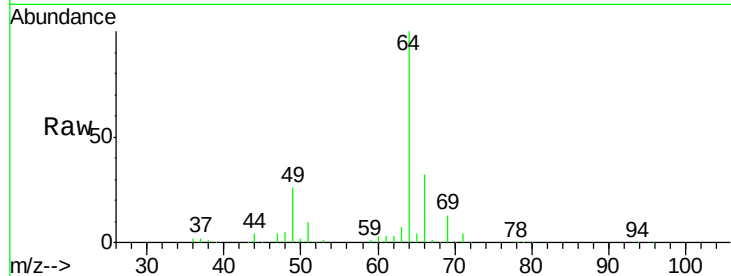
Acq: 01 May 2018 11:47

Tgt Ion: 64 Resp: 195379

Ion Ratio Lower Upper

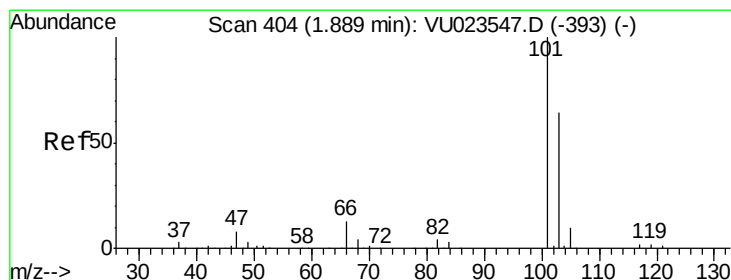
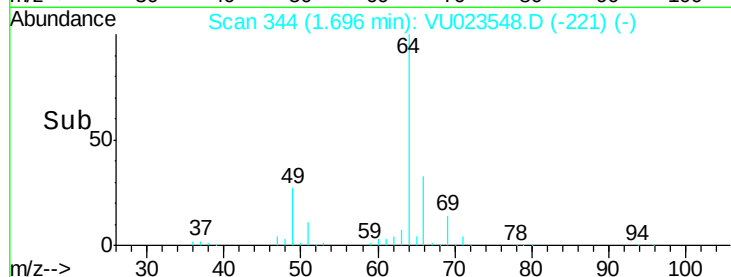
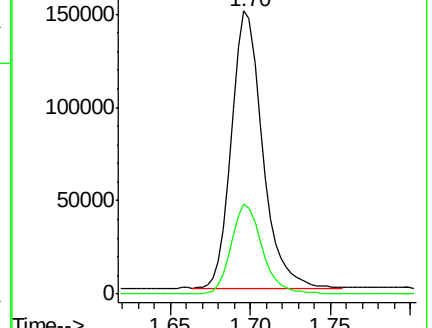
64 100

66 31.6 21.7 40.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



#9

Trichlorofluoromethane

Concen: 98.27 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU023548.D

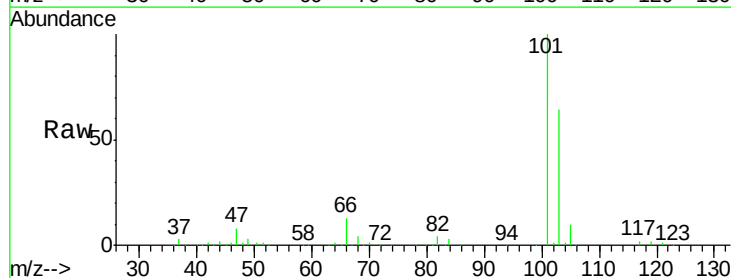
Acq: 01 May 2018 11:47

Tgt Ion: 101 Resp: 384599

Ion Ratio Lower Upper

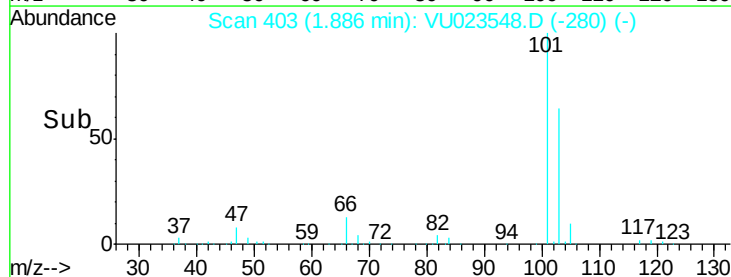
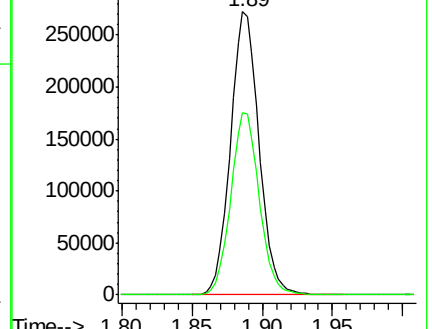
101 100

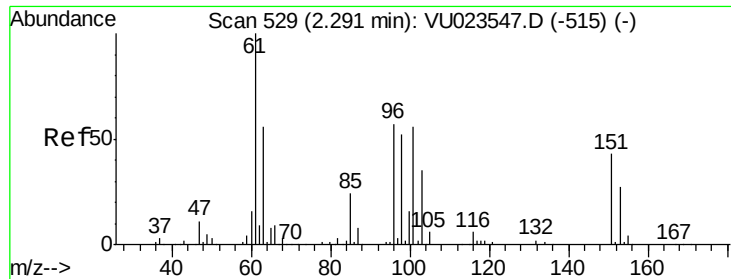
103 64.3 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 99.16 ug/L

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

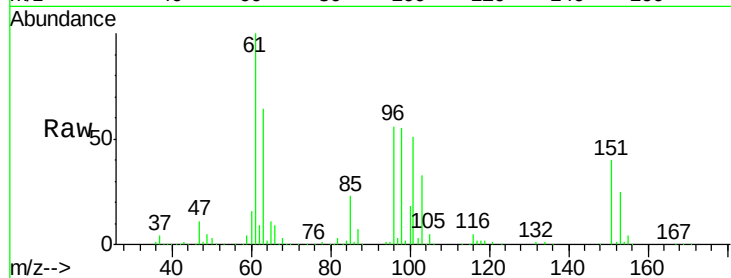
Tgt Ion: 101 Resp: 248299

Ion Ratio Lower Upper

101 100

85 43.5 34.9 52.3

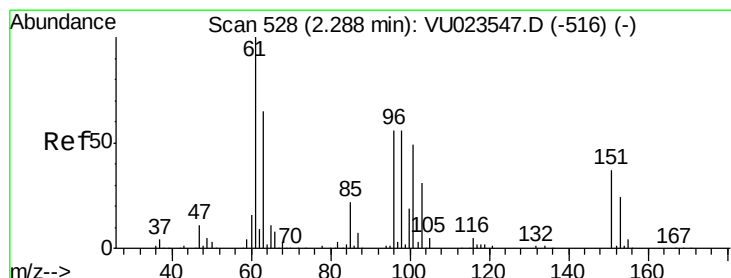
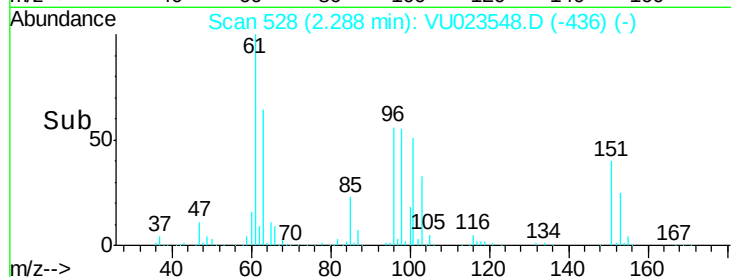
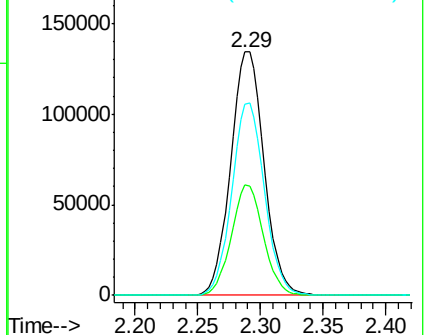
151 77.3 61.0 91.6



Abundance Ion 101.00 (100.70 to 101.70): VU023548.D (-436) (-)

Ion 85.00 (84.70 to 85.70): VU023548.D (-436) (-)

Ion 151.00 (150.70 to 151.70): VU023548.D (-436) (-)



#12

1,1-Dichloroethene

Concen: 100.08 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

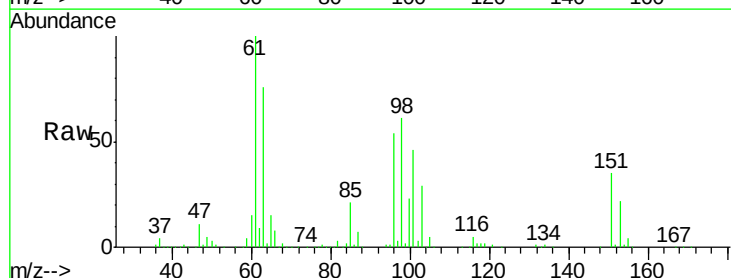
Tgt Ion: 96 Resp: 230160

Ion Ratio Lower Upper

96 100

61 184.4 125.9 233.7

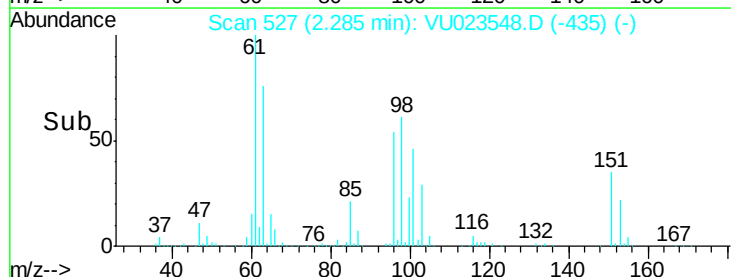
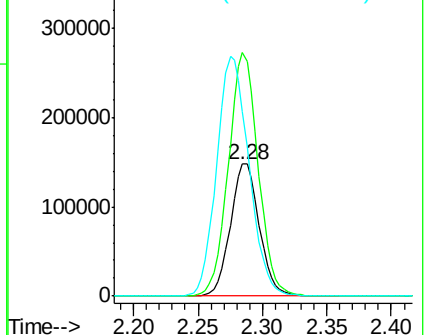
63 140.3 84.8 157.6

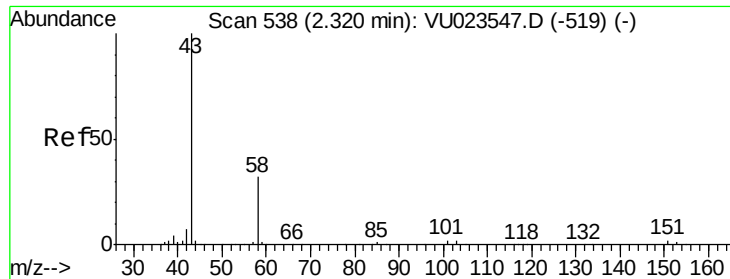


Abundance Ion 96.00 (95.70 to 96.70): VU023548.D (-435) (-)

Ion 61.00 (60.70 to 61.70): VU023548.D (-435) (-)

Ion 63.00 (62.70 to 63.70): VU023548.D (-435) (-)





#13

Acetone

Concen: 230.97 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU023548.D

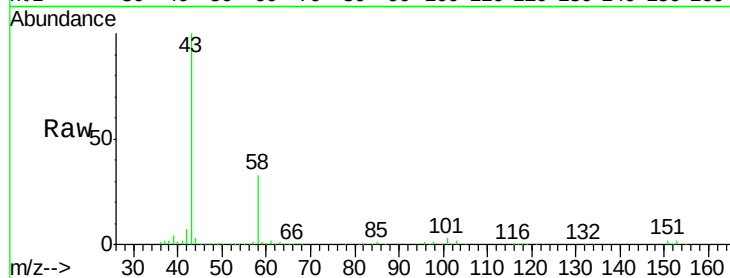
Acq: 01 May 2018 11:47

Tgt Ion: 43 Resp: 433166

Ion Ratio Lower Upper

43 100

58 32.2 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

250000

200000

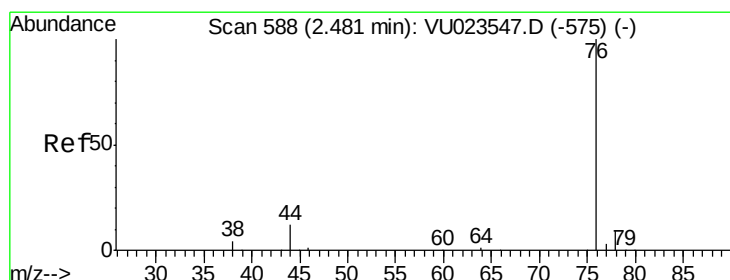
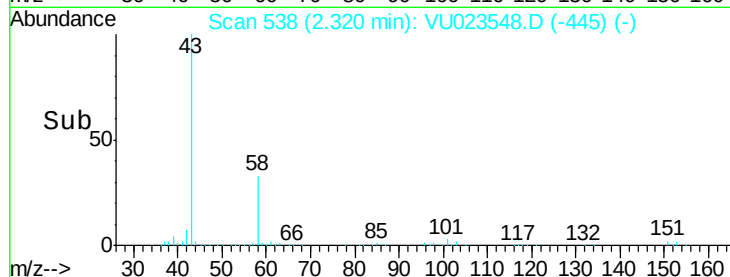
150000

100000

50000

0

Time--> 2.20 2.30 2.40



#14

Carbon disulfide

Concen: 102.21 ug/L

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU023548.D

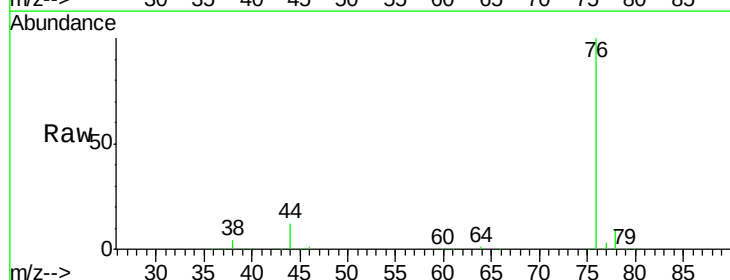
Acq: 01 May 2018 11:47

Tgt Ion: 76 Resp: 798144

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

500000

400000

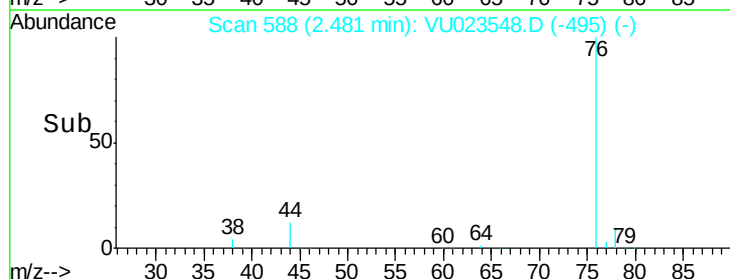
300000

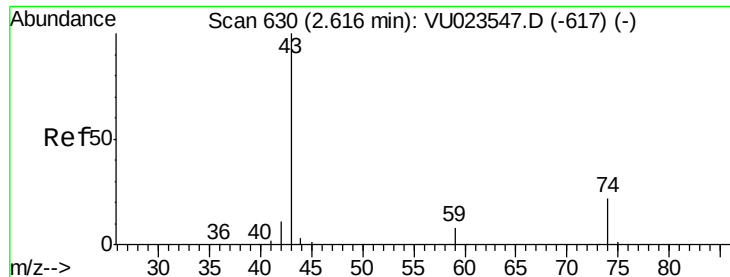
200000

100000

0

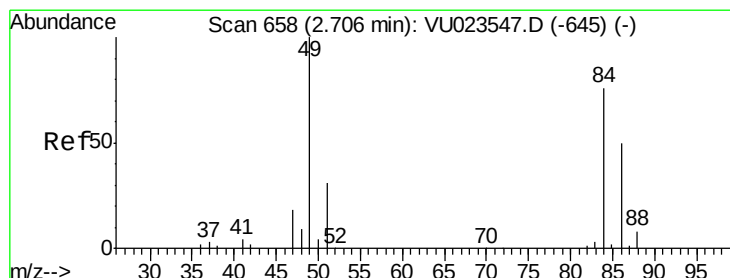
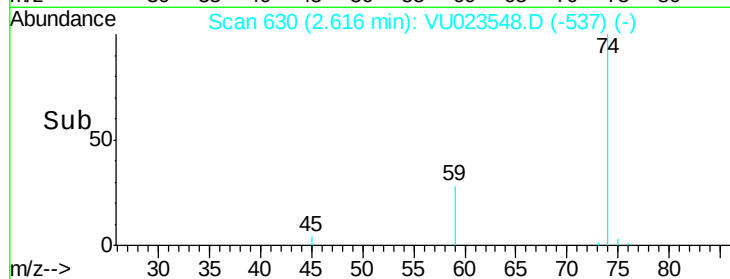
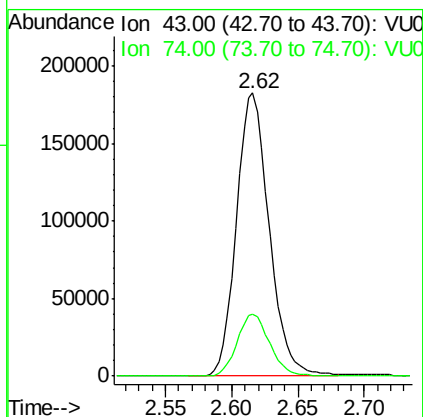
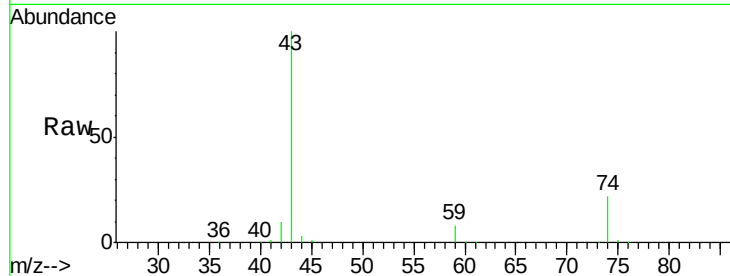
Time--> 2.40 2.50 2.60





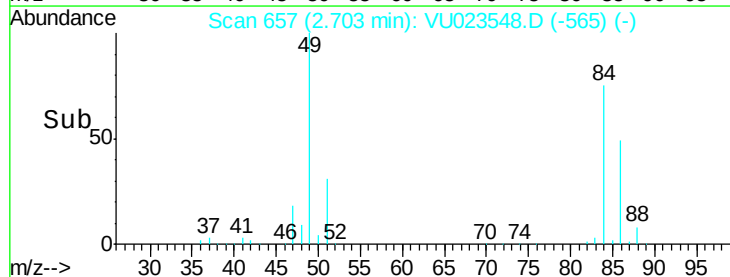
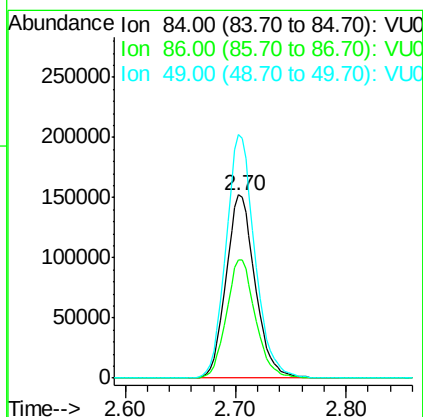
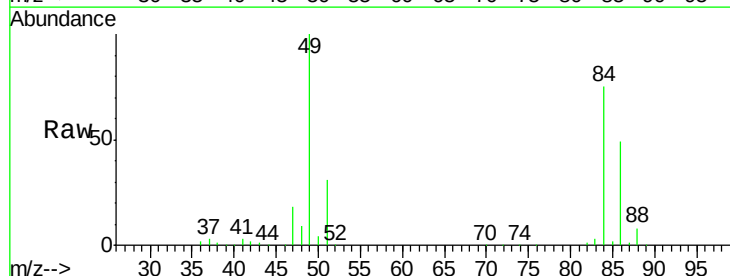
#15
Methyl Acetate
Concen: 93.84 ug/L
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU023548.D
Acq: 01 May 2018 11:47

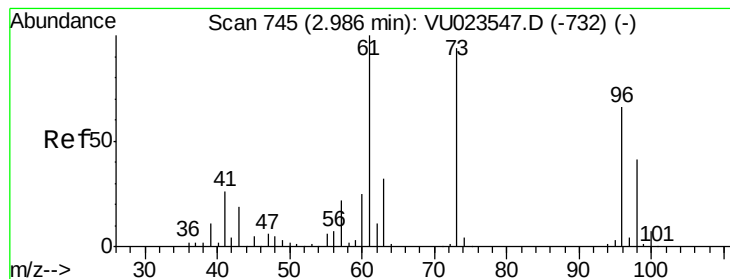
Tgt Ion: 43 Resp: 312590
Ion Ratio Lower Upper
43 100
74 22.0 17.5 26.3



#16
Methylene chloride
Concen: 92.98 ug/L
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023548.D
Acq: 01 May 2018 11:47

Tgt Ion: 84 Resp: 278897
Ion Ratio Lower Upper
84 100
86 64.9 45.6 84.8
49 133.1 91.9 170.7





#17

trans-1,2-Dichloroethene

Concen: 101.49 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

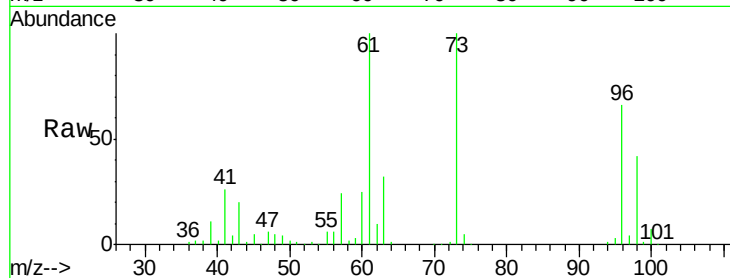
Tgt Ion: 96 Resp: 254838

Ion Ratio Lower Upper

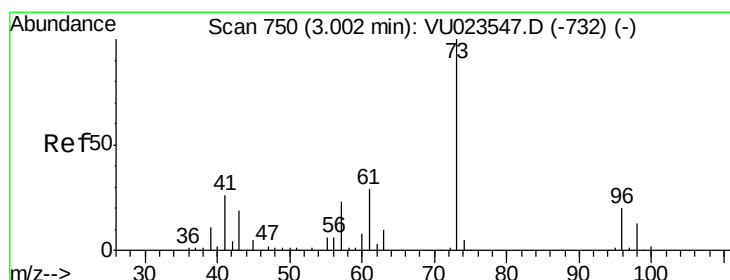
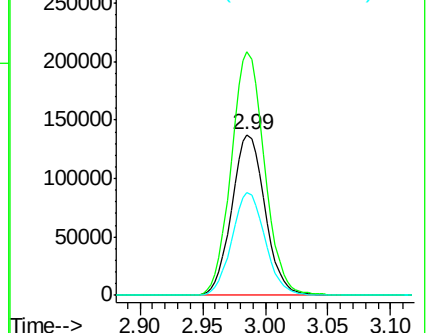
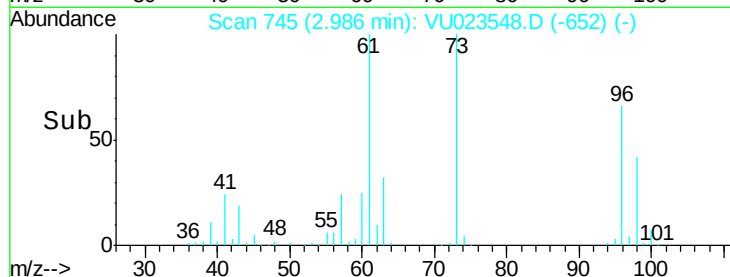
96 100

61 151.5 106.9 198.5

98 63.9 44.2 82.2



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#18

Methyl tert-butyl Ether

Concen: 100.03 ug/L

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

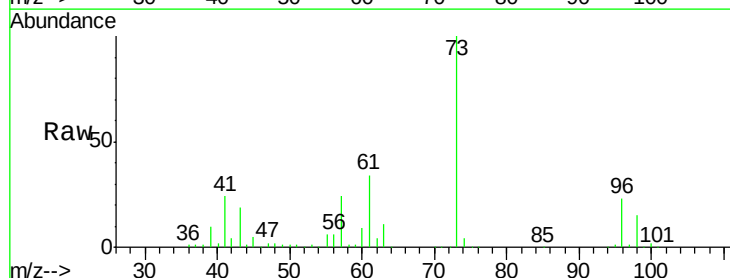
Tgt Ion: 73 Resp: 781449

Ion Ratio Lower Upper

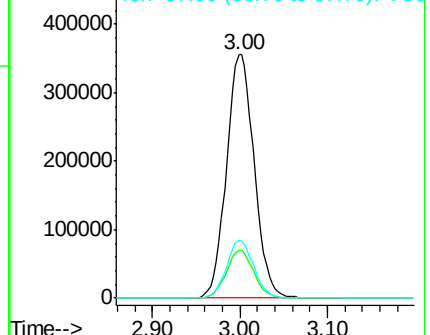
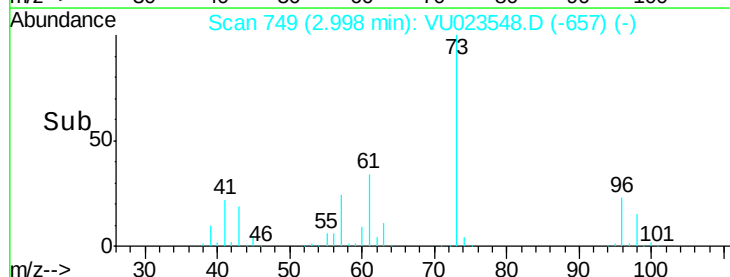
73 100

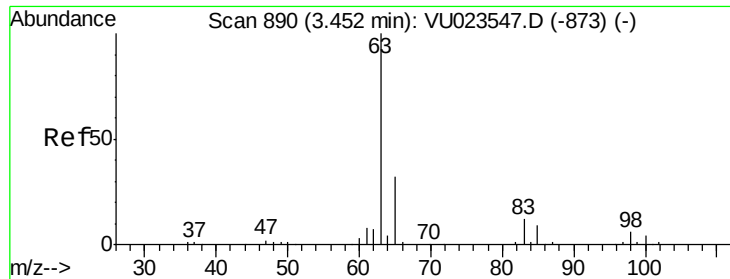
43 19.4 15.5 23.3

57 23.3 18.5 27.7



Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





#19

1,1-Dichloroethane

Concen: 96.21 ug/L

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

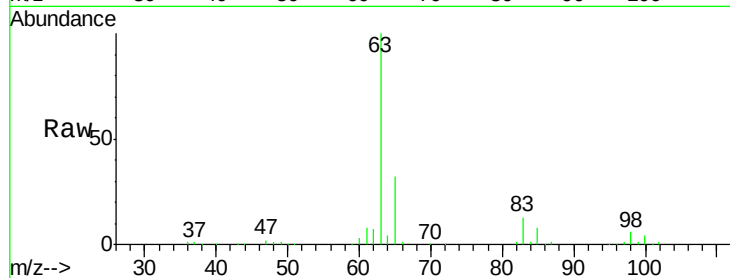
Tgt Ion: 63 Resp: 494898

Ion Ratio Lower Upper

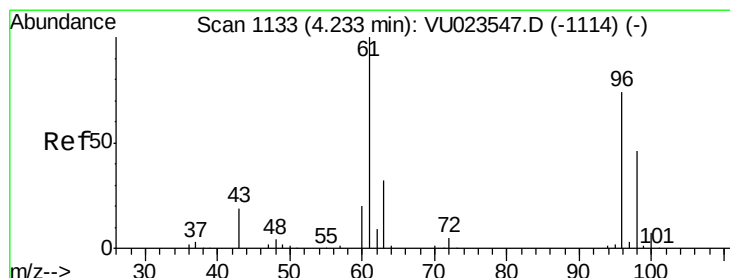
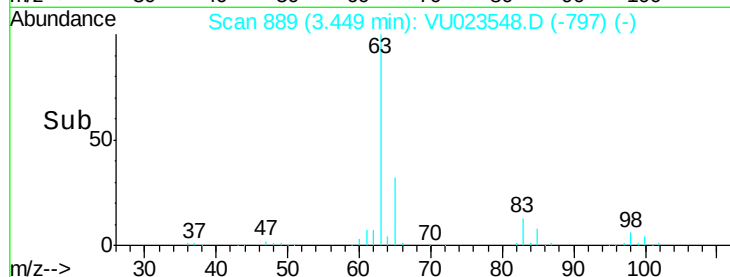
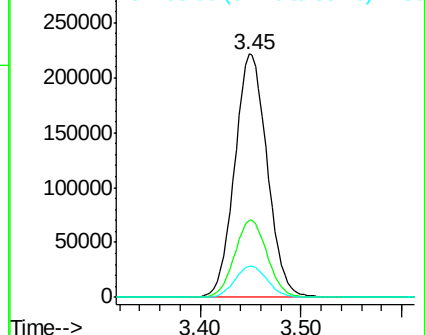
63 100

65 31.8 22.3 41.5

83 12.9 8.7 16.1



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 65.00 (64.70 to 65.70): VU0
Ion 83.00 (82.70 to 83.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 101.58 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

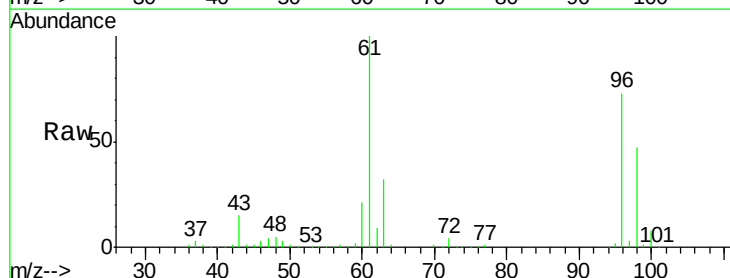
Tgt Ion: 96 Resp: 285110

Ion Ratio Lower Upper

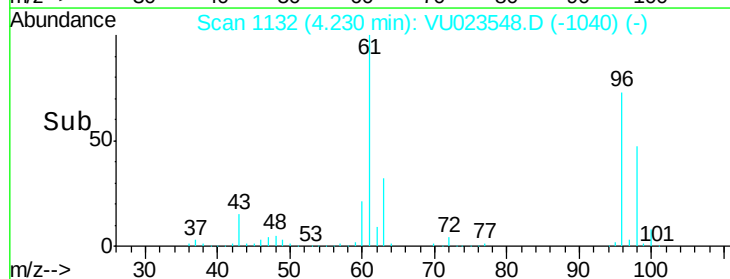
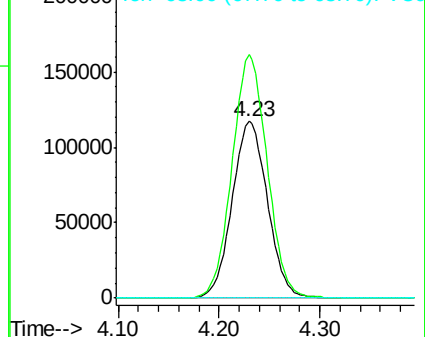
96 100

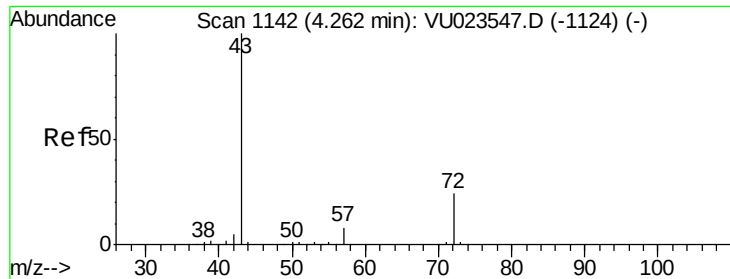
61 137.8 95.3 177.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 210.52 ug/L

RT: 4.26 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VU023548.D

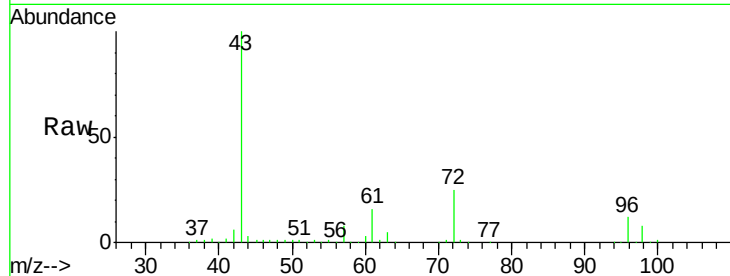
Acq: 01 May 2018 11:47

Tgt Ion: 43 Resp: 521578

Ion Ratio Lower Upper

43 100

72 25.3 12.3 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU023548.D (-1142) (-)

Ion 72.00 (71.70 to 72.70): VU023548.D (-1142) (-)

4.26

200000

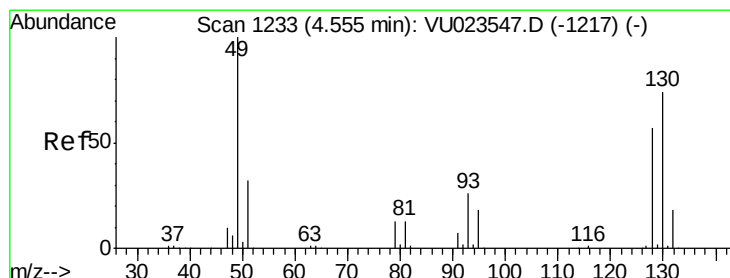
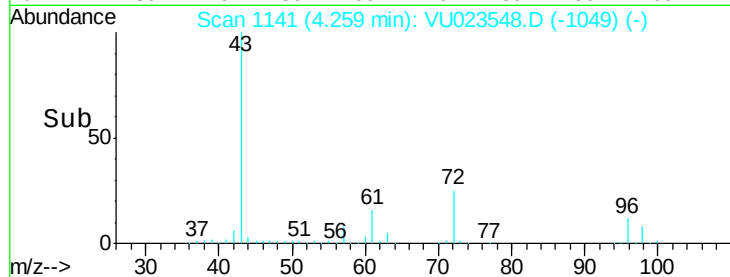
150000

100000

50000

0

Time-->



#23

Bromochloromethane

Concen: 99.40 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

Tgt Ion: 128 Resp: 140786

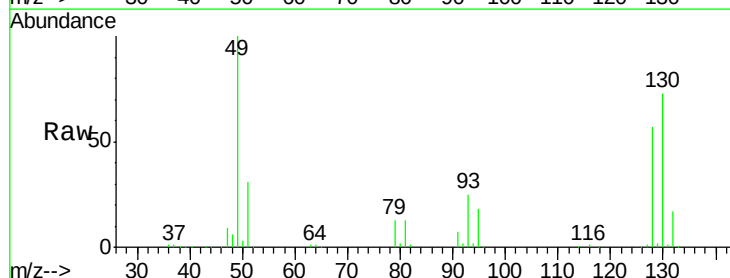
Ion Ratio Lower Upper

128 100

49 177.0 123.7 229.7

130 129.4 90.6 168.3

51 54.4 45.0 67.6



Abundance Ion 128.00 (127.70 to 128.70): VU023548.D (-1233) (-)

Ion 49.00 (48.70 to 49.70): VU023548.D (-1233) (-)

Ion 130.00 (129.70 to 130.70): VU023548.D (-1233) (-)

Ion 51.00 (50.70 to 51.70): VU023548.D (-1233) (-)

4.55

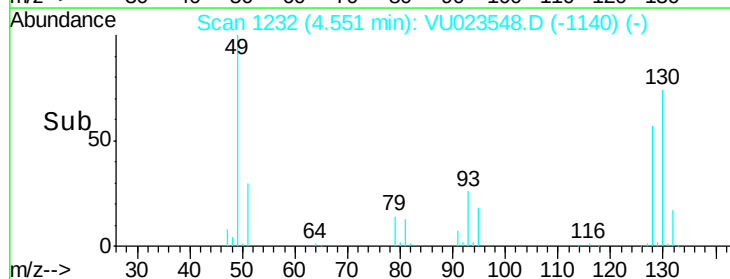
150000

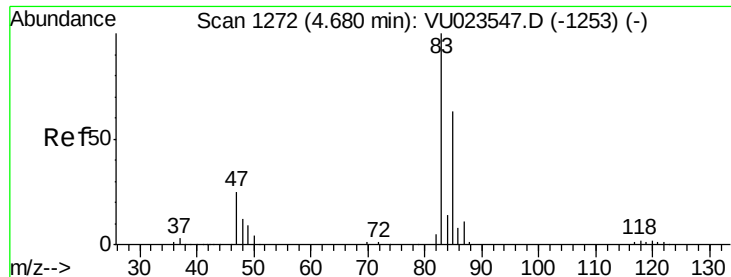
100000

50000

0

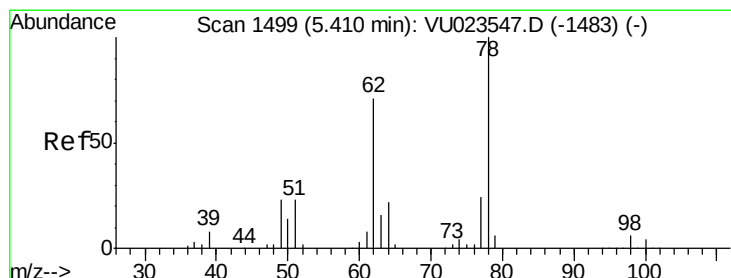
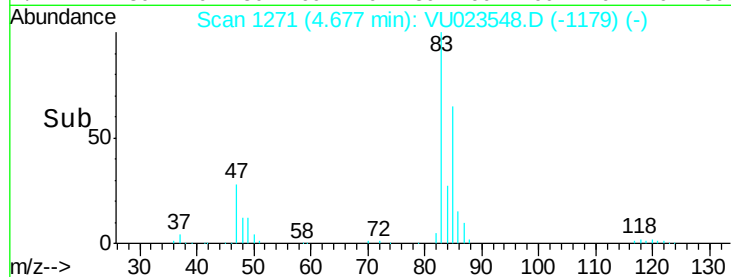
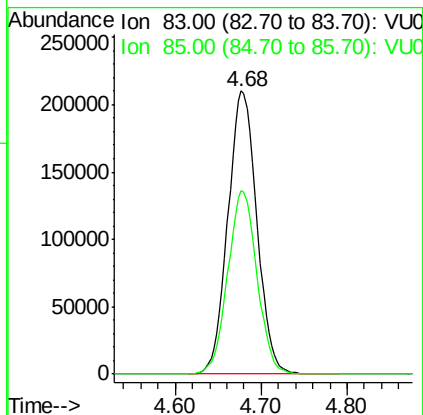
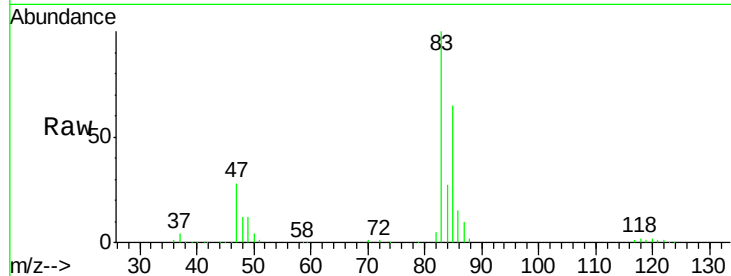
Time-->





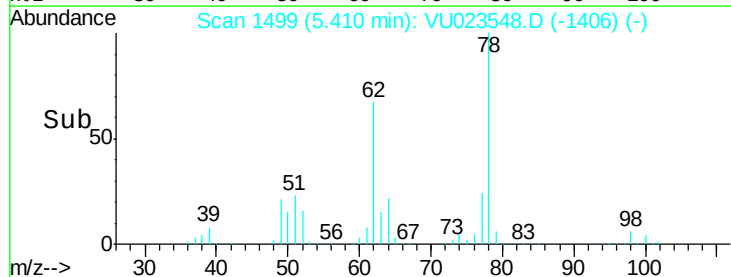
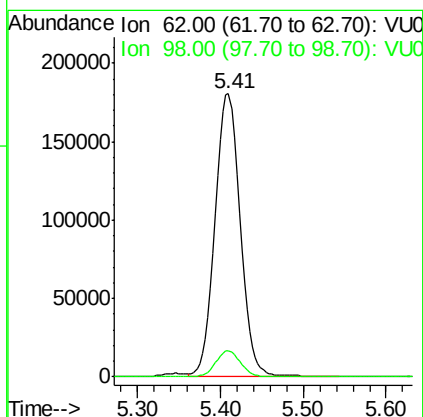
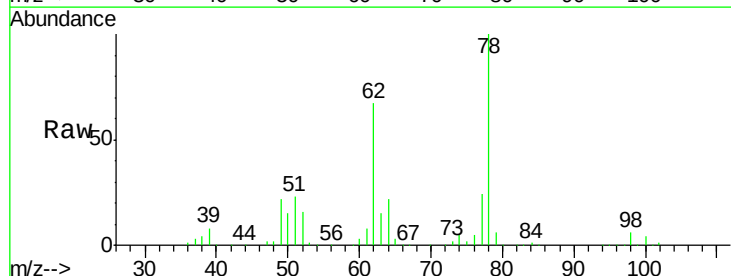
#25
Chloroform
Concen: 99.33 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023548.D
Acq: 01 May 2018 11:47

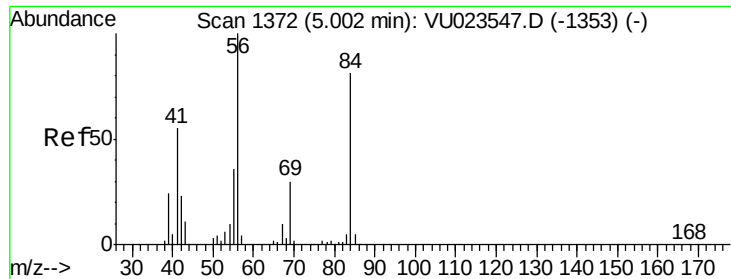
Tgt Ion: 83 Resp: 491901
Ion Ratio Lower Upper
83 100
85 64.8 44.4 82.5



#27
1,2-Dichloroethane
Concen: 96.43 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU023548.D
Acq: 01 May 2018 11:47

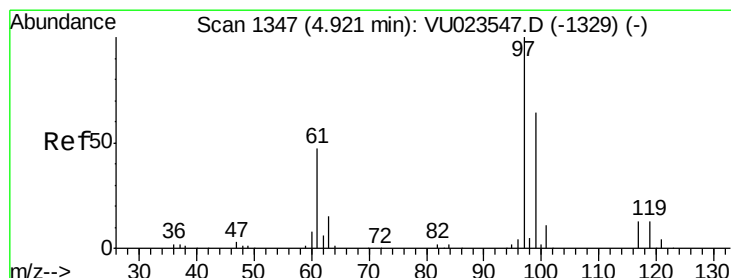
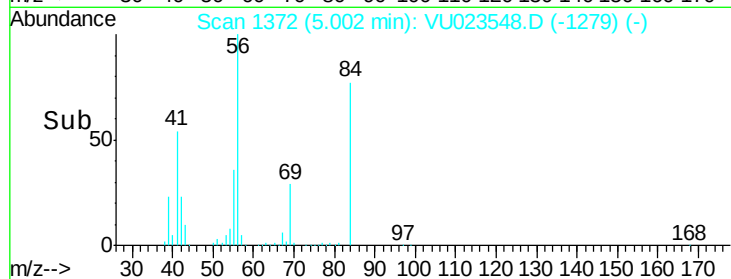
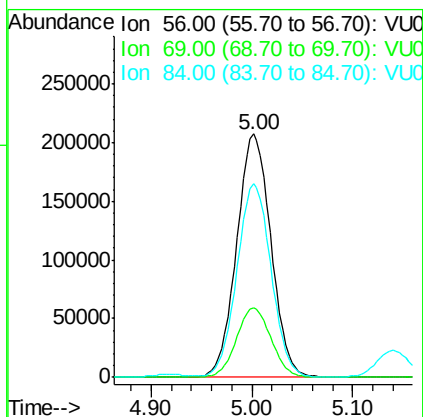
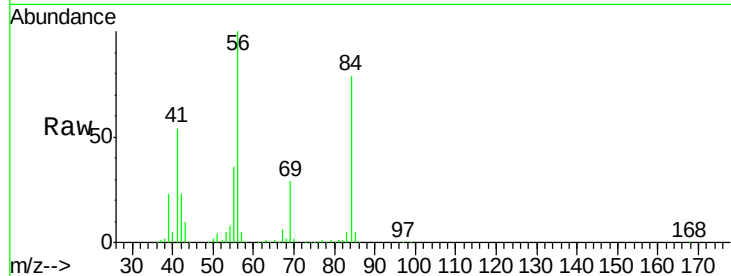
Tgt Ion: 62 Resp: 381698
Ion Ratio Lower Upper
62 100
98 9.4 7.3 10.9





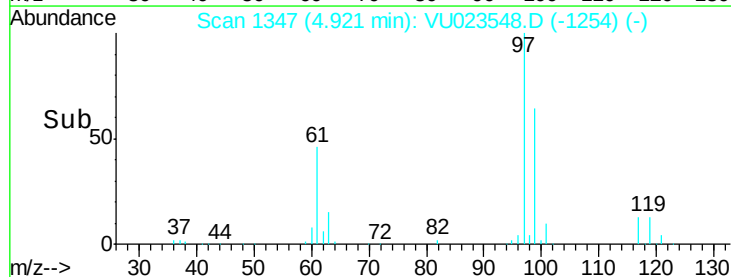
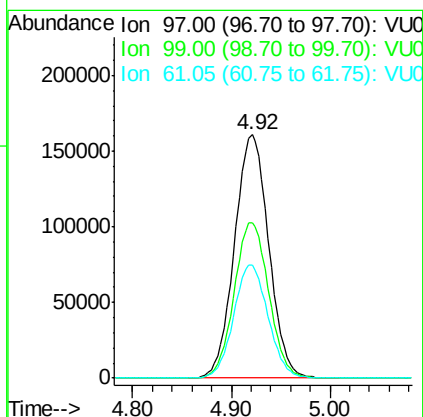
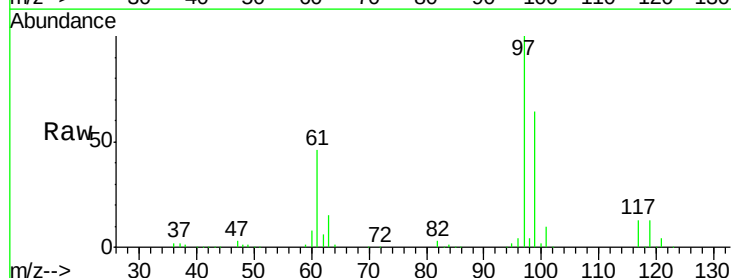
#29
Cyclohexane
Concen: 100.04 ug/L
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU023548.D
Acq: 01 May 2018 11:47

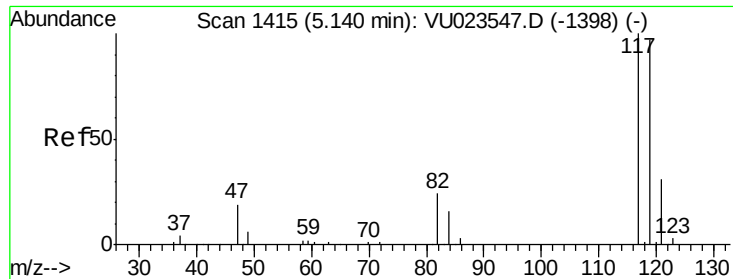
Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.5	35.3
84	79.3	63.8	95.8



#30
1,1,1-Trichloroethane
Concen: 95.96 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU023548.D
Acq: 01 May 2018 11:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.6
61	46.8	37.7	56.5





#31

Carbon tetrachloride

Concen: 98.33 ug/L

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU023548.D

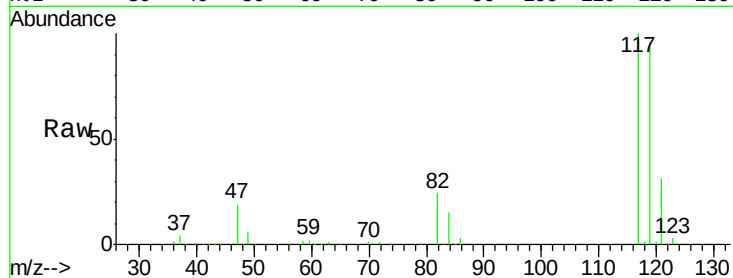
Acq: 01 May 2018 11:47

Tgt Ion: 117 Resp: 342967

Ion Ratio Lower Upper

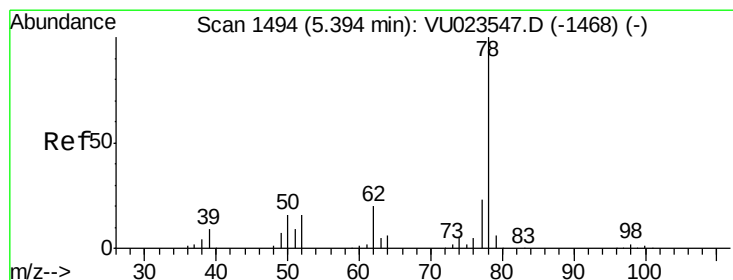
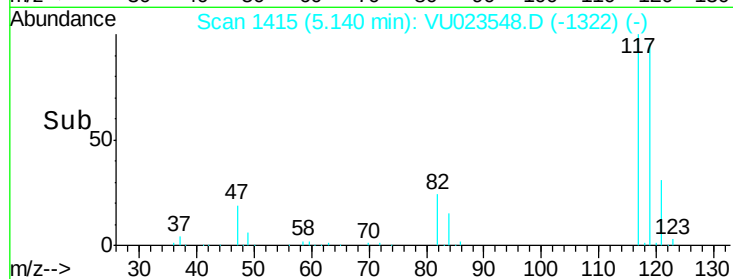
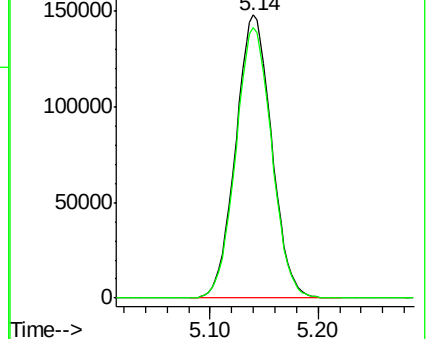
117 100

119 95.6 77.4 116.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 96.09 ug/L

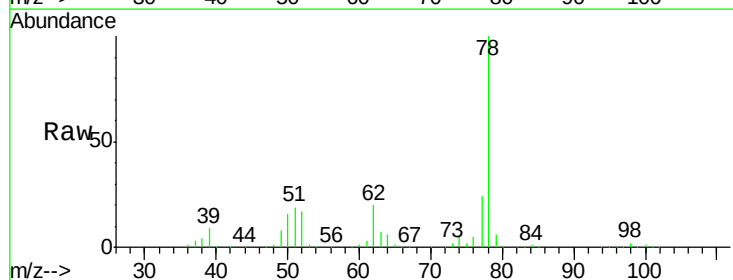
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

Tgt Ion: 78 Resp: 1097647



Abundance Ion 78.00 (77.70 to 78.70): VU0

600000

500000

400000

300000

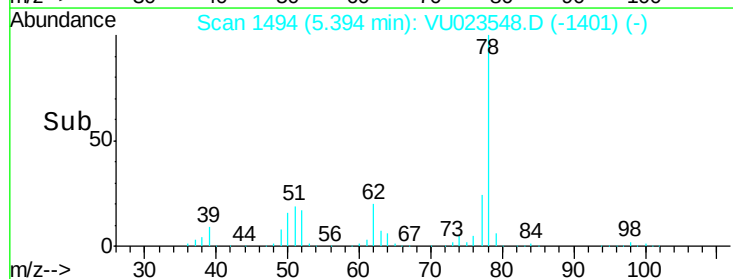
200000

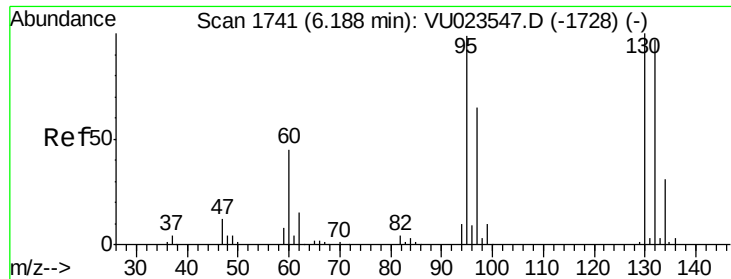
100000

0

Time-->

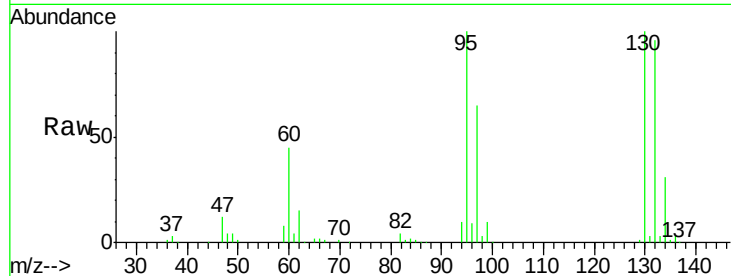
5.20 5.30 5.40 5.50 5.60



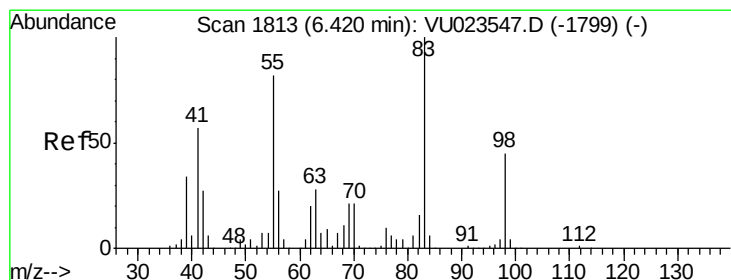
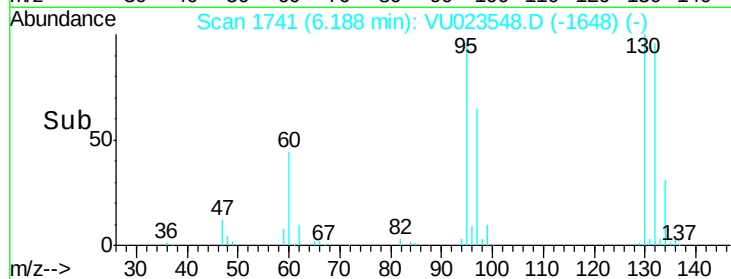
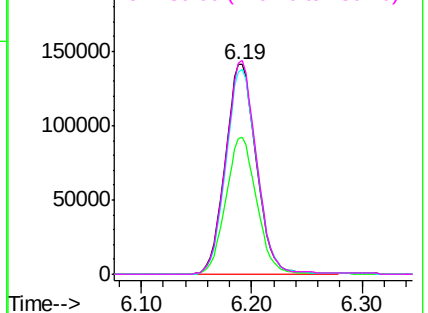


#34
 Trichloroethene
 Concen: 99.77 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU023548.D
 Acq: 01 May 2018 11:47

Tgt Ion:	95	Resp:	275704
Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.3	85.9
132	96.4	68.5	127.1
130	100.5	70.8	131.4

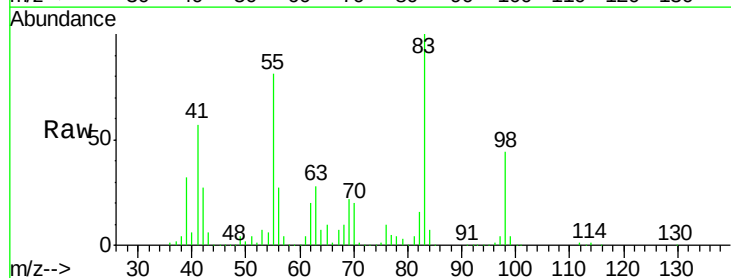


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

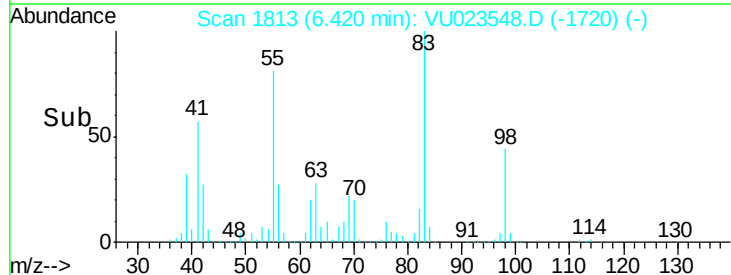
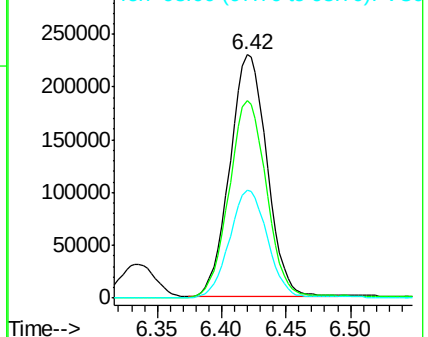


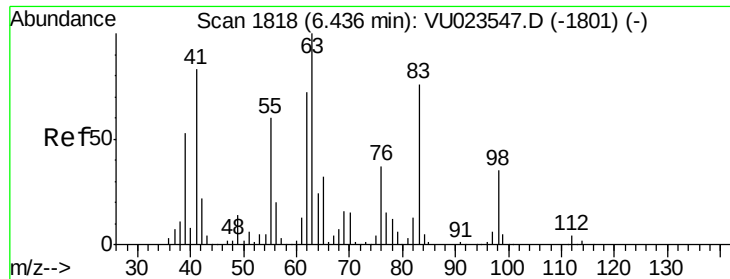
#35
 Methylcyclohexane
 Concen: 98.51 ug/L
 RT: 6.42 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VU023548.D
 Acq: 01 May 2018 11:47

Tgt Ion:	83	Resp:	460769
Ion	Ratio	Lower	Upper
83	100		
55	82.8	66.7	100.1
98	45.6	36.6	54.8



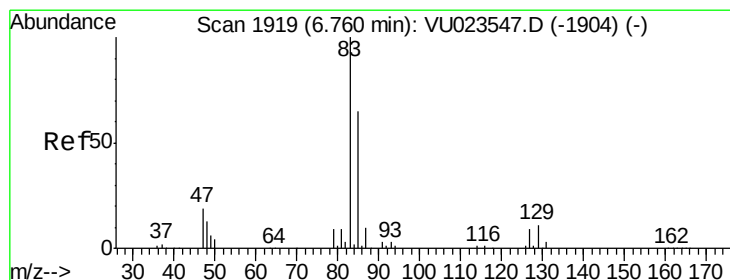
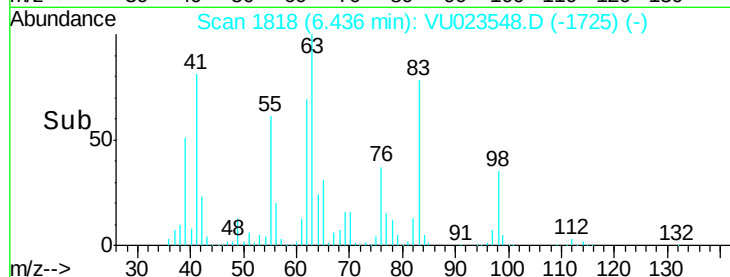
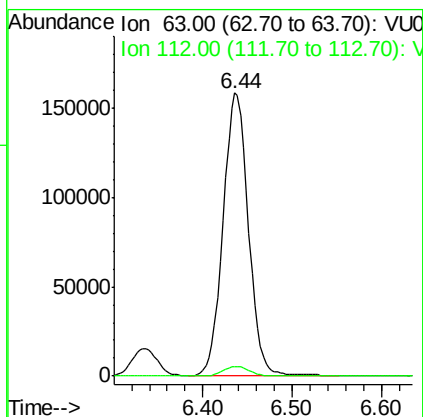
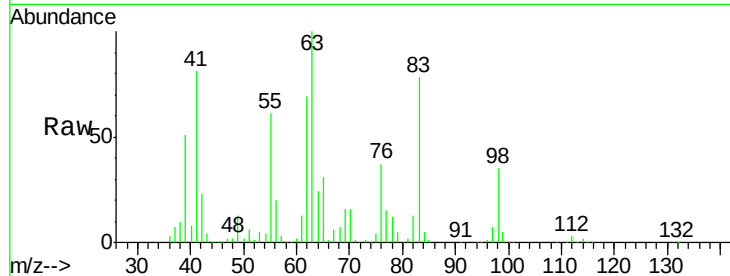
Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





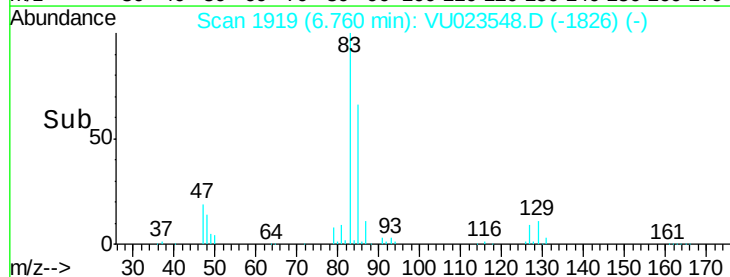
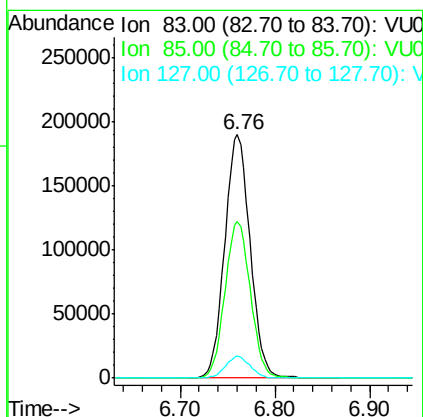
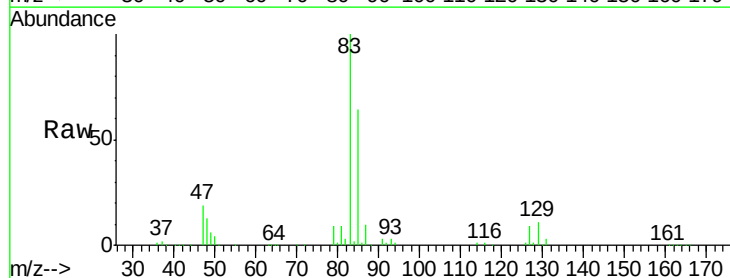
#37
 1,2-Dichloropropane
 Concen: 95.23 ug/L
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU023548.D
 Acq: 01 May 2018 11:47

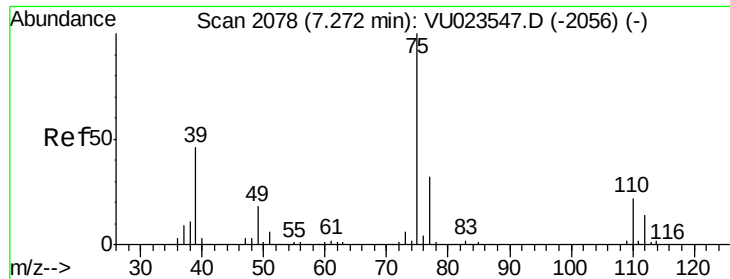
Tgt Ion: 63 Resp: 310130
 Ion Ratio Lower Upper
 63 100
 112 3.6 3.1 4.7



#38
 Bromodichloromethane
 Concen: 97.60 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: VU023548.D
 Acq: 01 May 2018 11:47

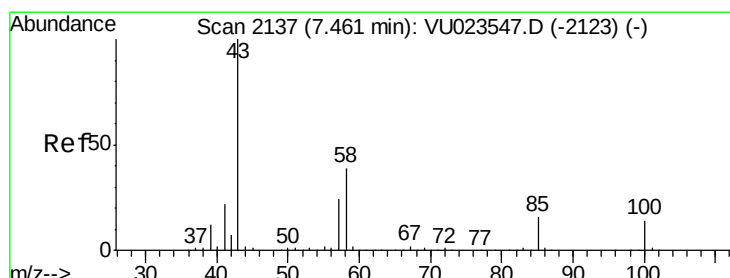
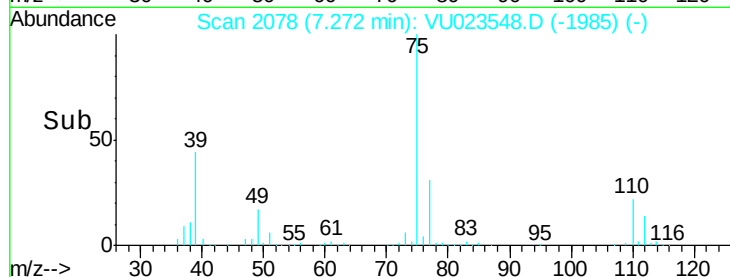
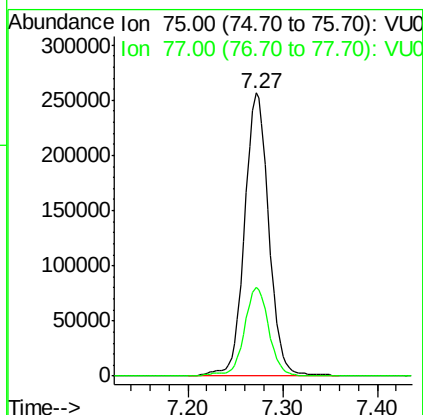
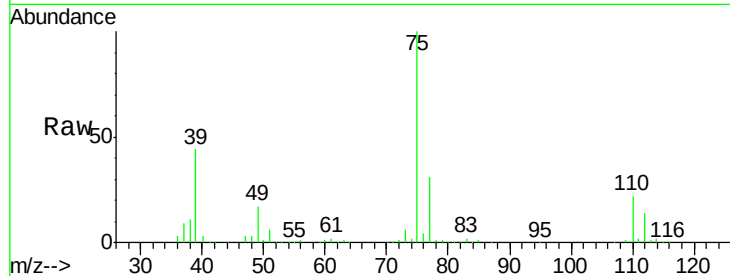
Tgt Ion: 83 Resp: 353647
 Ion Ratio Lower Upper
 83 100
 85 64.2 45.1 83.7
 127 8.9 6.9 10.3





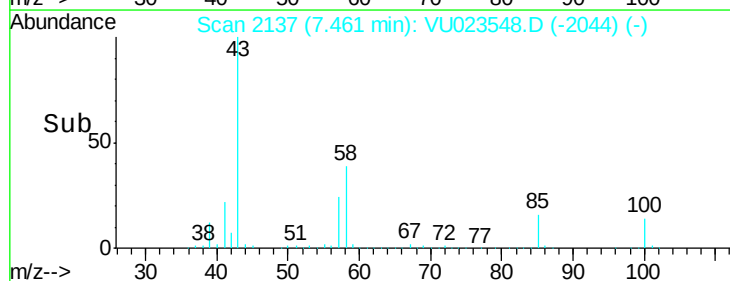
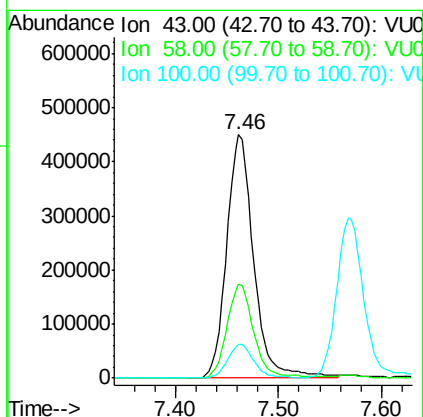
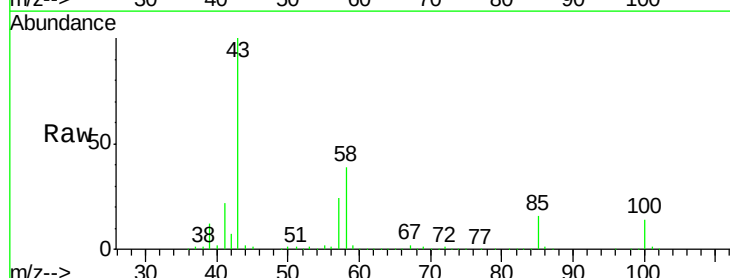
#39
 cis-1,3-Dichloropropene
 Concen: 102.51 ug/L
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU023548.D
 Acq: 01 May 2018 11:47

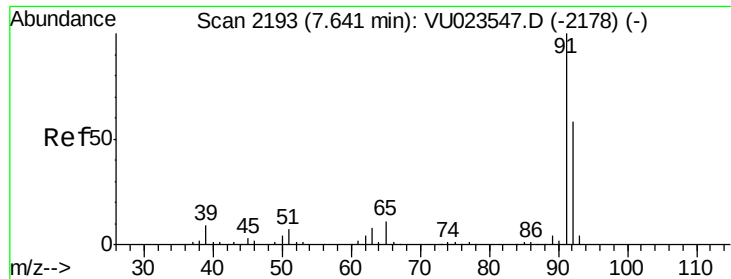
Tgt Ion: 75 Resp: 458486
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 193.22 ug/L
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU023548.D
 Acq: 01 May 2018 11:47

Tgt Ion: 43 Resp: 825552
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.8 46.2
 100 13.5 10.7 16.1





#42

Toluene

Concen: 100.83 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023548.D

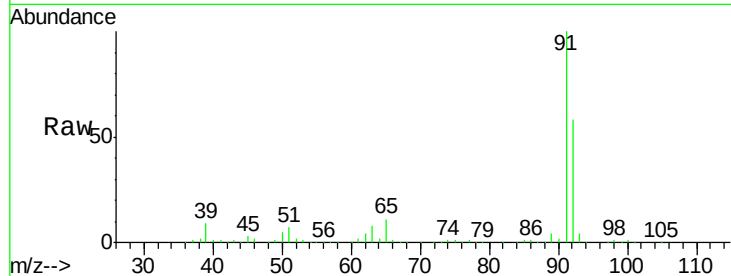
Acq: 01 May 2018 11:47

Tgt Ion: 91 Resp: 1156806

Ion Ratio Lower Upper

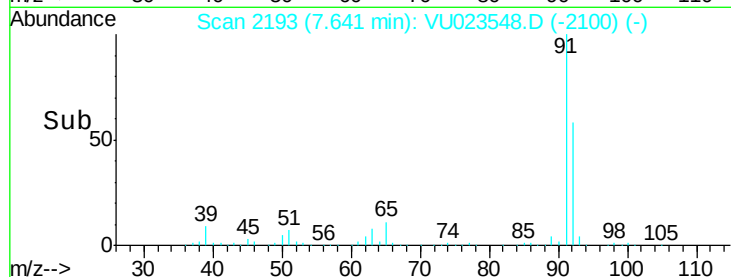
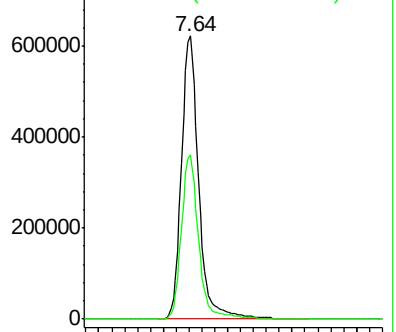
91 100

92 58.0 40.3 74.9

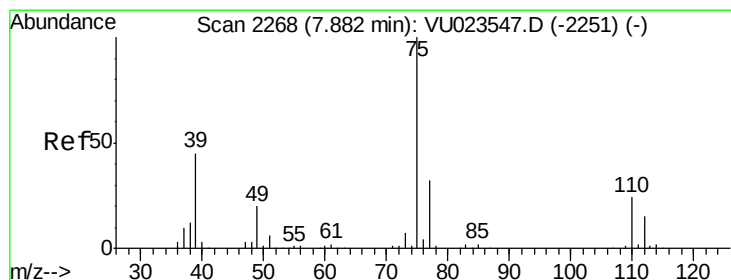


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



Time-->



#44

trans-1,3-Dichloropropene

Concen: 102.88 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU023548.D

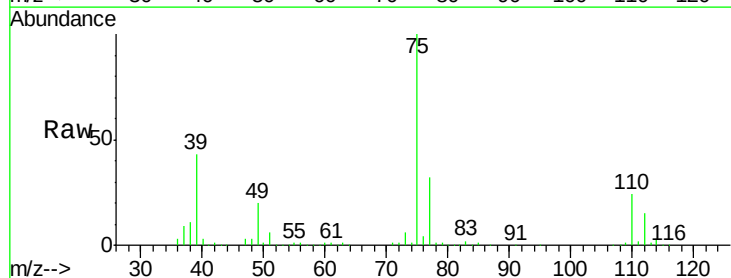
Acq: 01 May 2018 11:47

Tgt Ion: 75 Resp: 412654

Ion Ratio Lower Upper

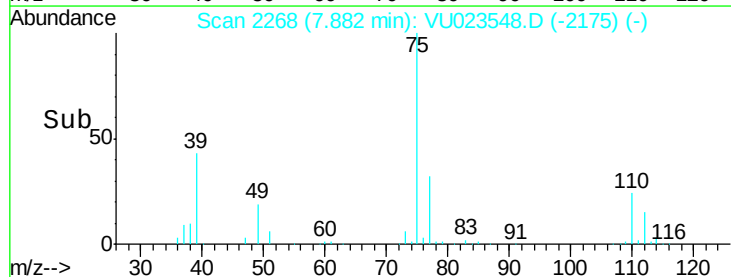
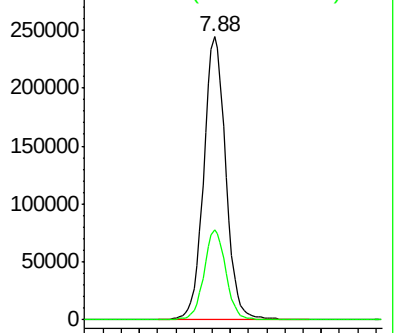
75 100

77 31.7 22.5 41.7

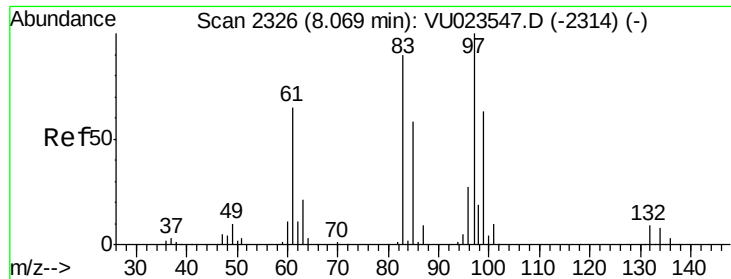


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->



#45

1,1,2-Trichloroethane

Concen: 95.95 ug/L

RT: 8.07 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

Tgt Ion: 97 Resp: 260792

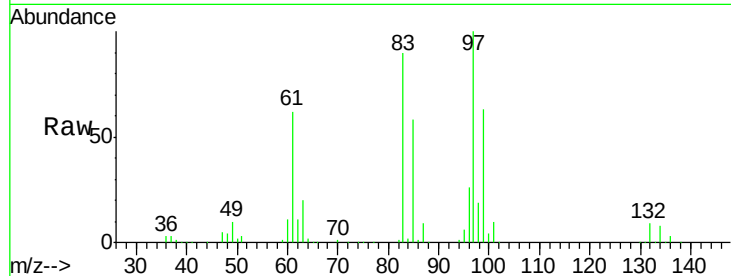
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.2	82.2
83	90.0	63.1	117.1
85	58.3	40.3	74.8

97 100

99 63.3 44.2 82.2

83 90.0 63.1 117.1

85 58.3 40.3 74.8

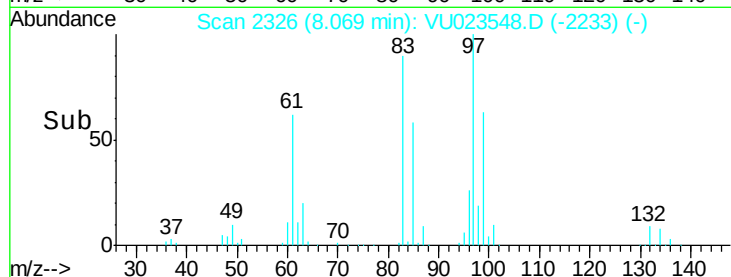


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



Time-->

8.07

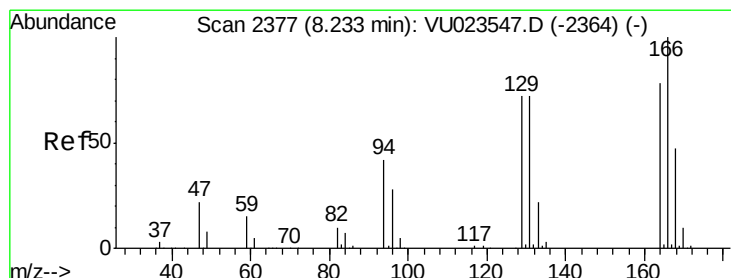
150000

100000

50000

0

8.00 8.05 8.10 8.15 8.20



#46

Tetrachloroethene

Concen: 102.95 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

Tgt Ion: 164 Resp: 226589

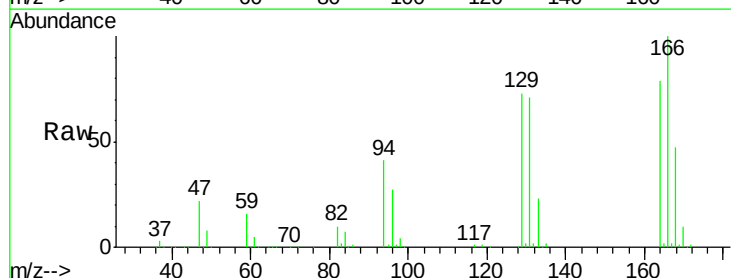
Ion	Ratio	Lower	Upper
164	100		
129	92.5	64.2	119.2
131	89.9	64.1	119.1
166	127.2	89.4	166.0

164 100

129 92.5 64.2 119.2

131 89.9 64.1 119.1

166 127.2 89.4 166.0

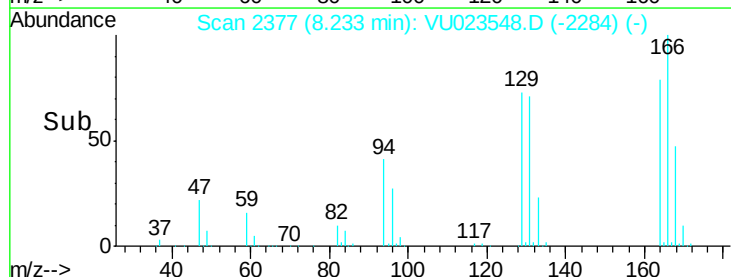


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->

8.23

250000

200000

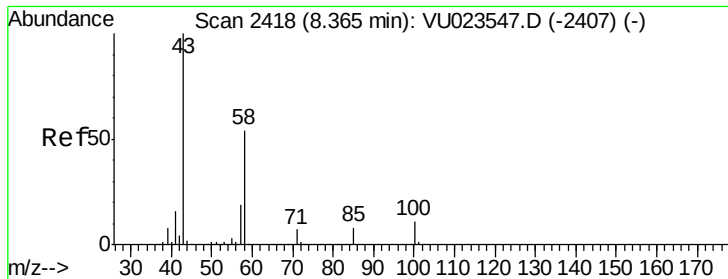
150000

100000

50000

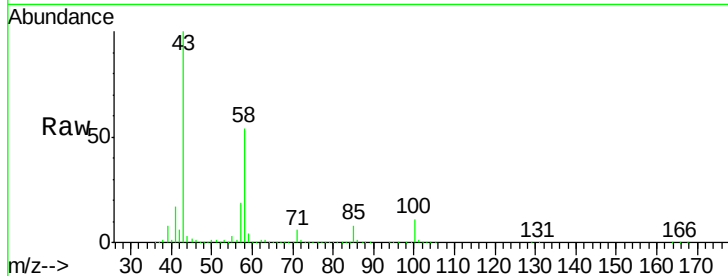
0

8.20 8.25 8.30 8.40

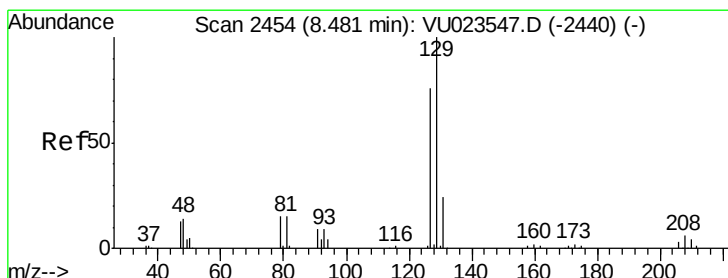
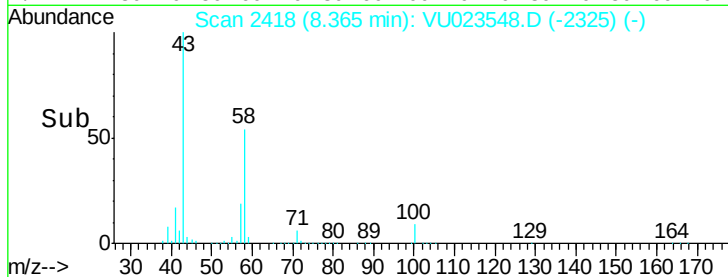
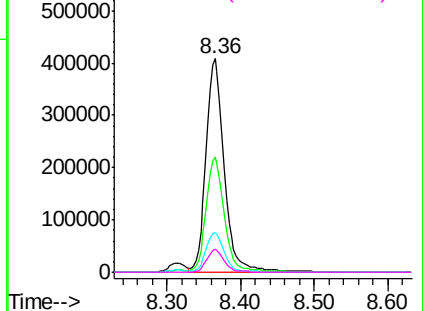


#48
2-Hexanone
Concen: 205.28 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU023548.D
Acq: 01 May 2018 11:47

Tgt Ion:	43	Resp:	707752
Ion	Ratio	Lower	Upper
43	100		
58	53.3	43.0	64.6
57	18.4	14.6	22.0
100	10.3	8.4	12.6

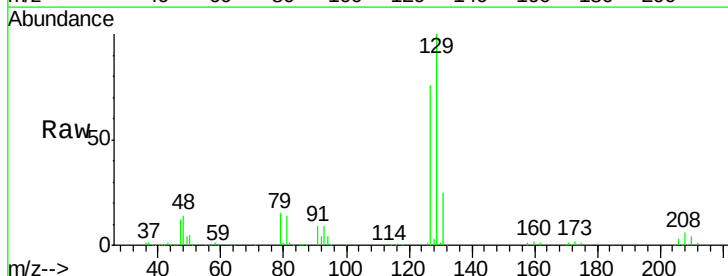


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

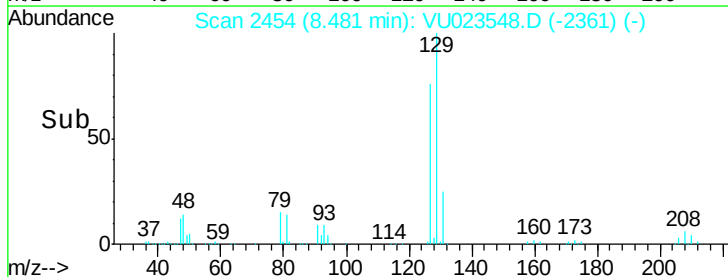
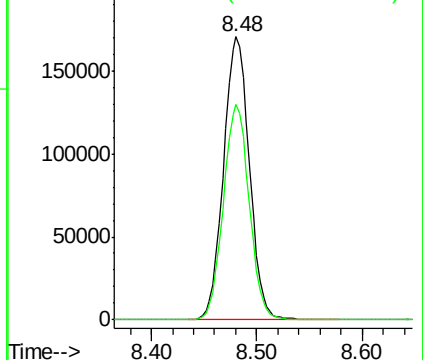


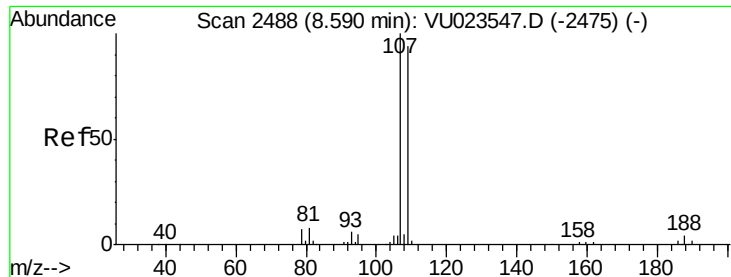
#49
Dibromochloromethane
Concen: 101.96 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU023548.D
Acq: 01 May 2018 11:47

Tgt Ion:	129	Resp:	288741
Ion	Ratio	Lower	Upper
129	100		
127	76.0	53.3	99.1



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#50

1,2-Dibromoethane

Concen: 96.94 ug/L

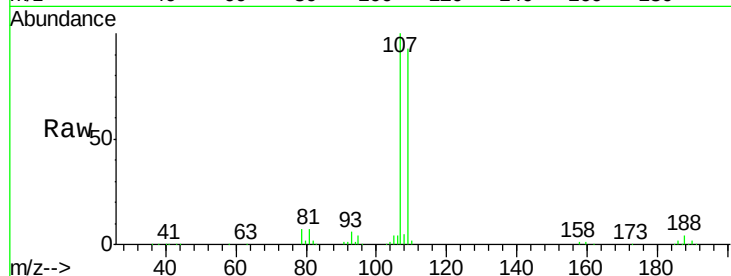
RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

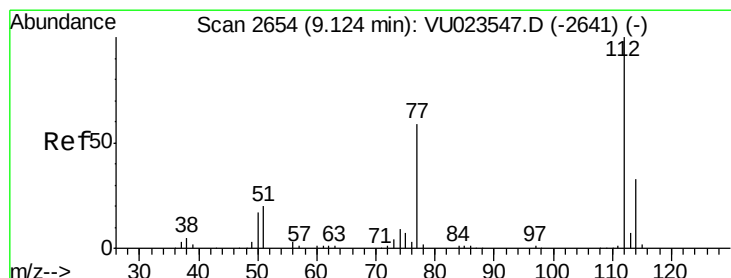
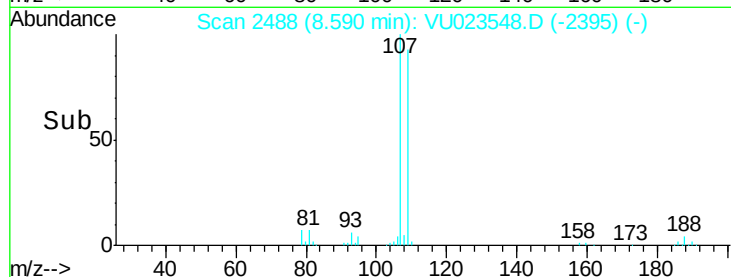
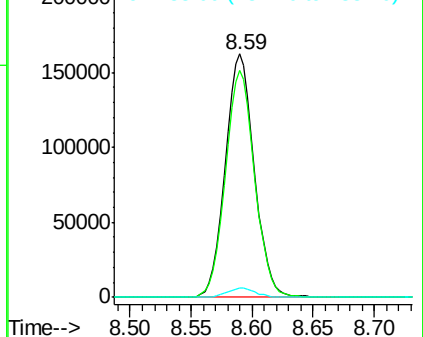
Lab File: VU023548.D

Acq: 01 May 2018 11:47

Tgt Ion:	107	Resp:	269357
Ion	Ratio	Lower	Upper
107	100		
109	93.0	66.1	122.7
188	3.8	3.2	4.8



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V



#51

Chlorobenzene

Concen: 101.10 ug/L

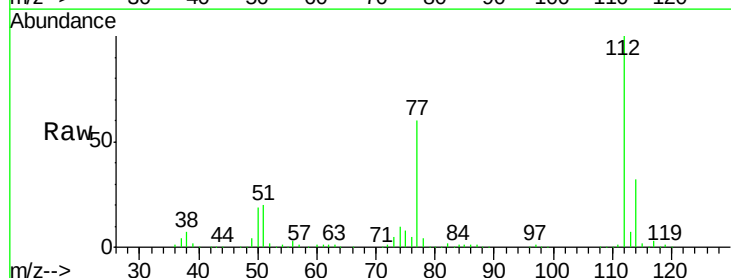
RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

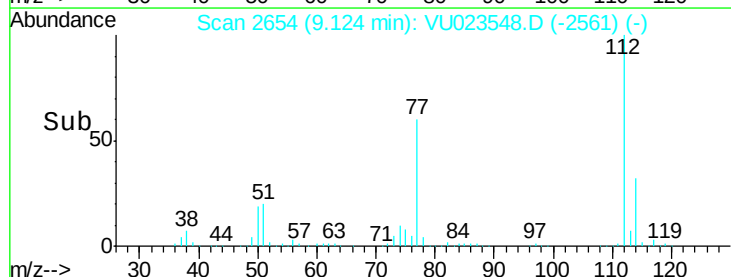
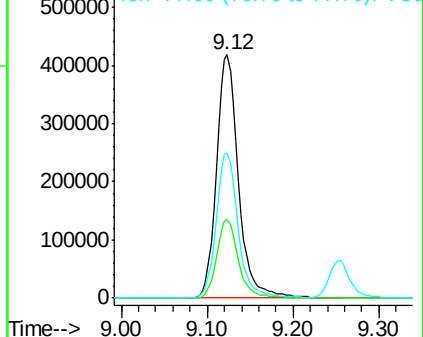
Lab File: VU023548.D

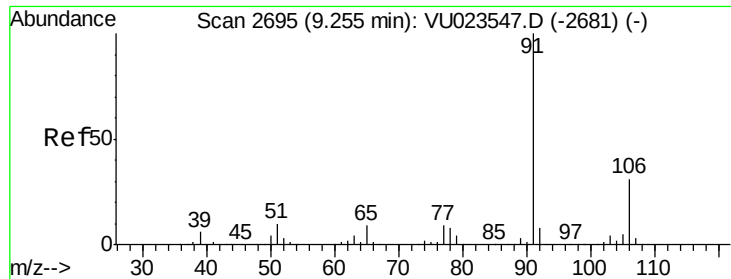
Acq: 01 May 2018 11:47

Tgt Ion:	112	Resp:	743383
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.7	42.3
77	59.8	47.5	71.3



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 103.87 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023548.D

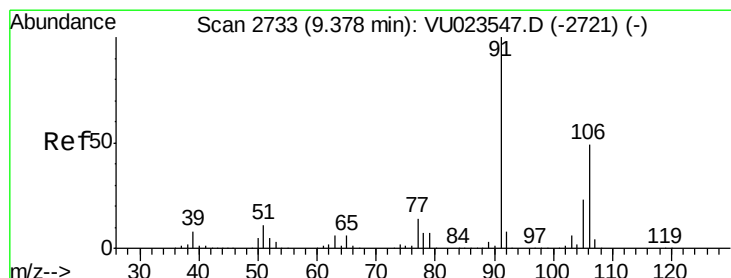
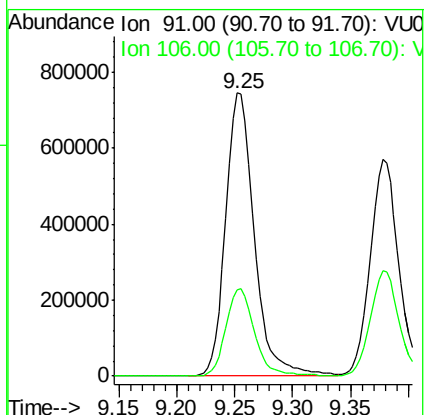
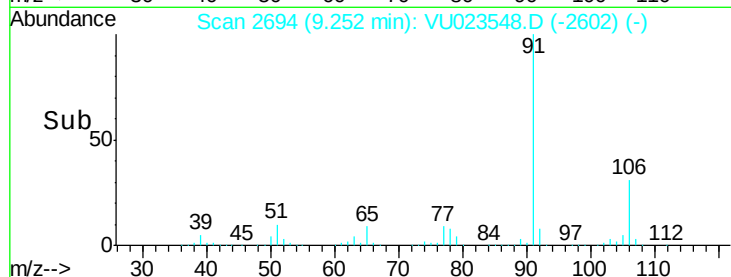
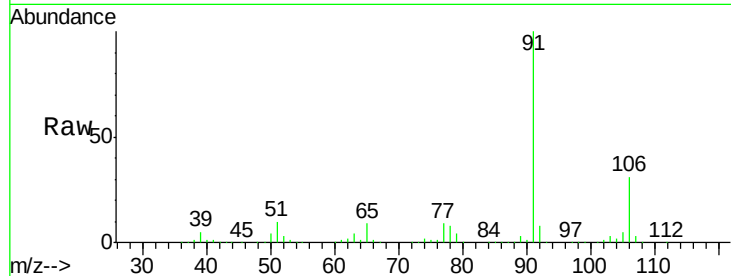
Acq: 01 May 2018 11:47

Tgt Ion: 91 Resp: 1275802

Ion Ratio Lower Upper

91 100

106 30.6 21.6 40.0



#53

m,p-Xylene

Concen: 107.20 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU023548.D

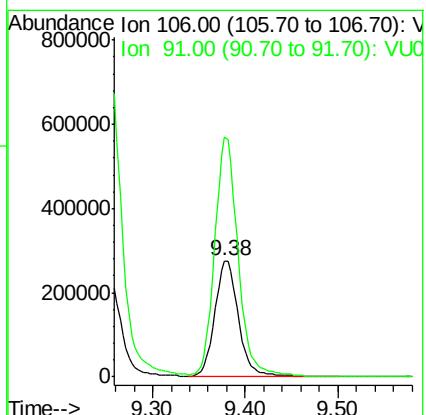
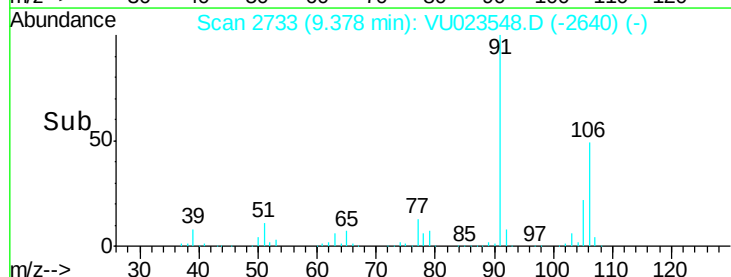
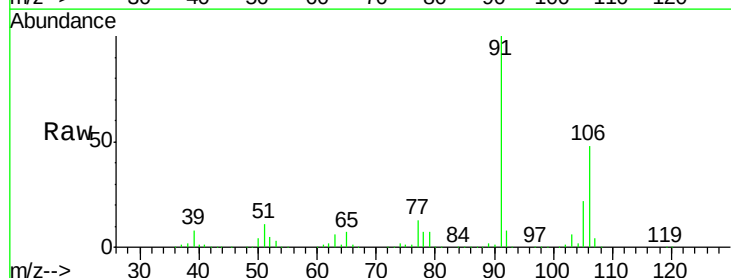
Acq: 01 May 2018 11:47

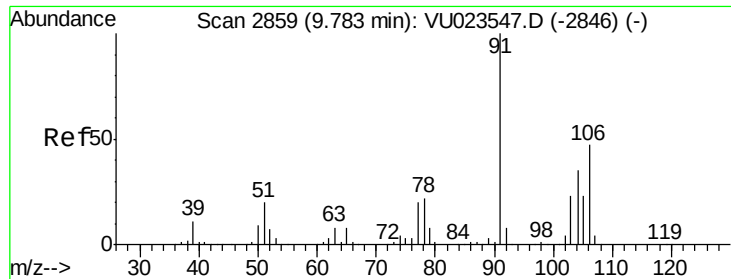
Tgt Ion: 106 Resp: 490428

Ion Ratio Lower Upper

106 100

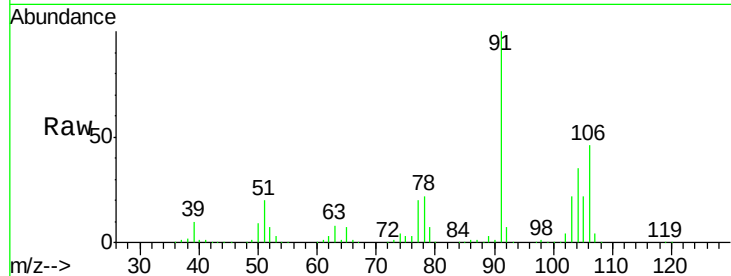
91 206.2 144.1 267.5



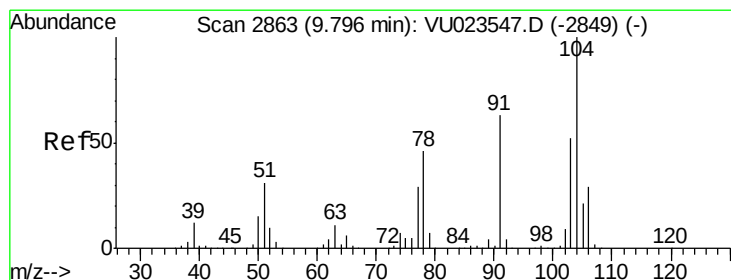
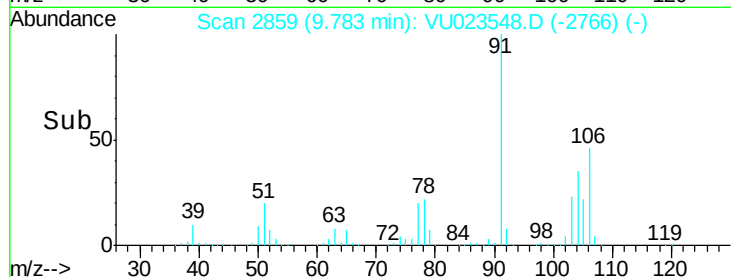
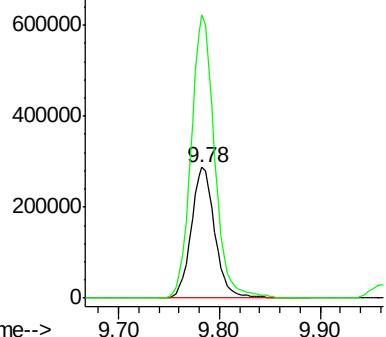


#54
o-xylene
Concen: 104.39 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU023548.D
Acq: 01 May 2018 11:47

Tgt Ion:106 Resp: 468674
Ion Ratio Lower Upper
106 100
91 216.8 148.9 276.5

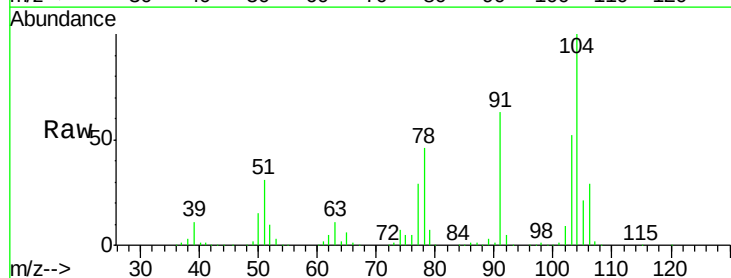


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

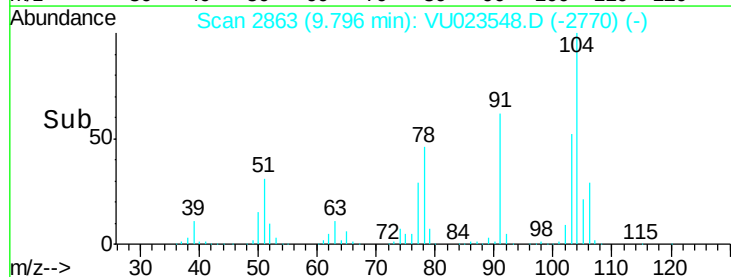
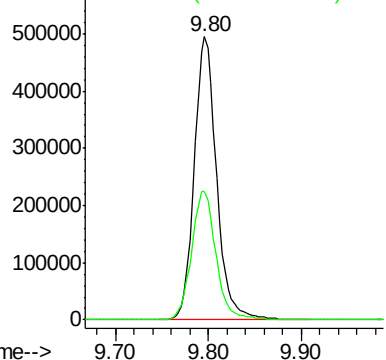


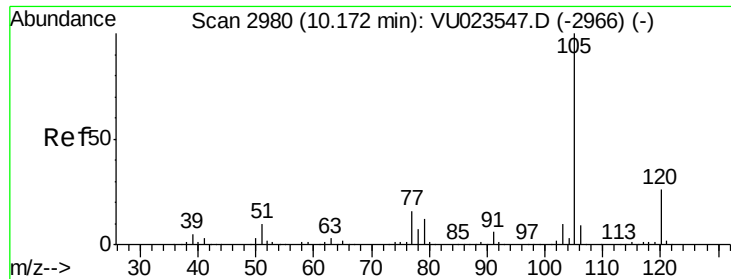
#55
Styrene
Concen: 108.06 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU023548.D
Acq: 01 May 2018 11:47

Tgt Ion:104 Resp: 826200
Ion Ratio Lower Upper
104 100
78 45.5 32.1 59.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 104.56 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

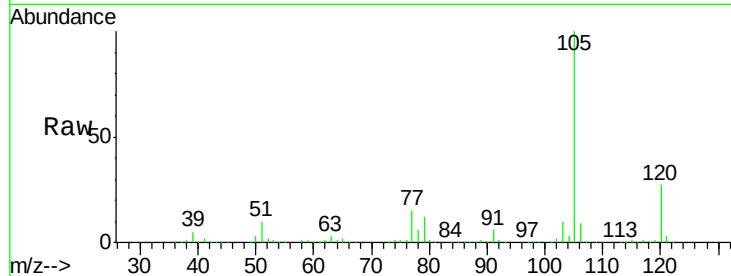
Tgt Ion: 105 Resp: 1223020

Ion Ratio Lower Upper

105 100

120 26.4 20.9 31.3

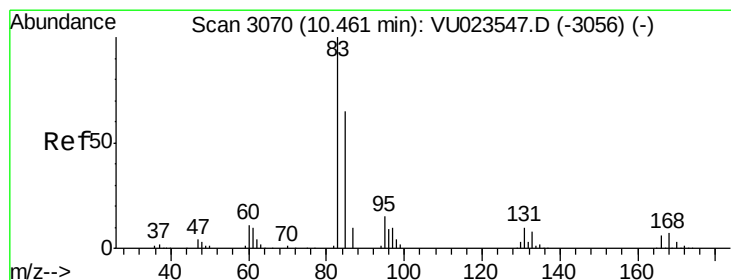
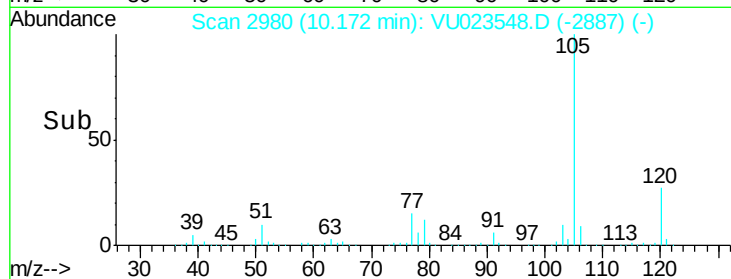
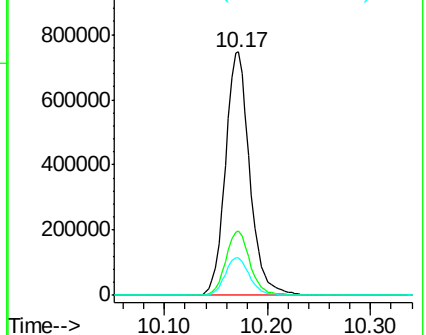
77 15.7 12.6 18.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 94.83 ug/L

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

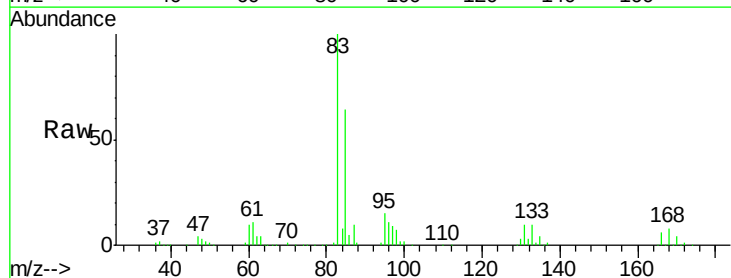
Tgt Ion: 83 Resp: 439224

Ion Ratio Lower Upper

83 100

85 64.3 45.6 84.6

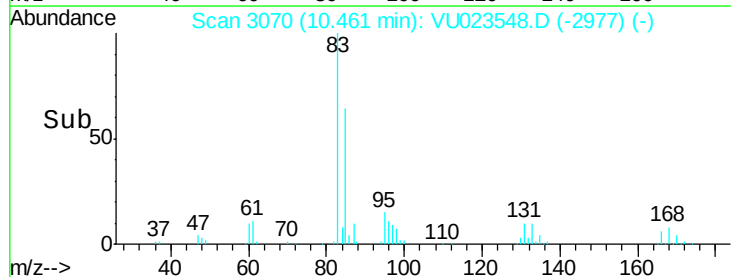
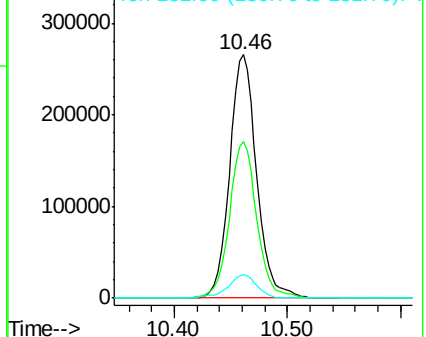
131 9.5 7.9 11.9

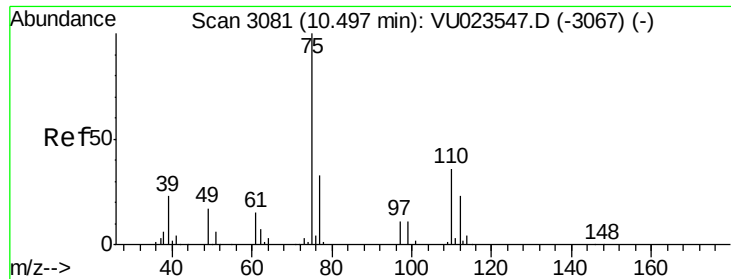


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 92.51 ug/L

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU023548.D

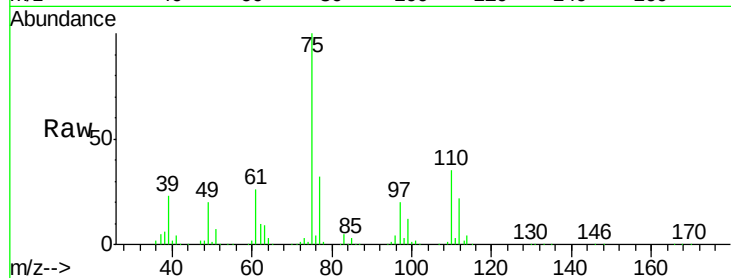
Acq: 01 May 2018 11:47

Tgt Ion: 75 Resp: 344616

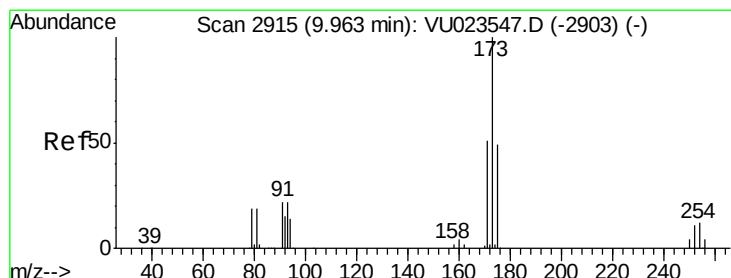
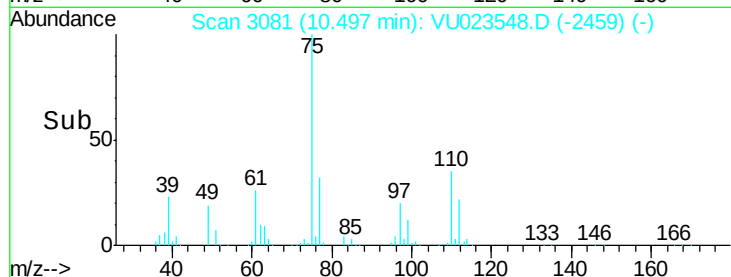
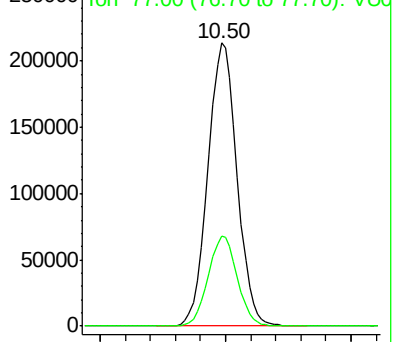
Ion Ratio Lower Upper

75 100

77 31.8 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU023548.D (-2459) (-)



#61

Bromoform

Concen: 94.66 ug/L

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

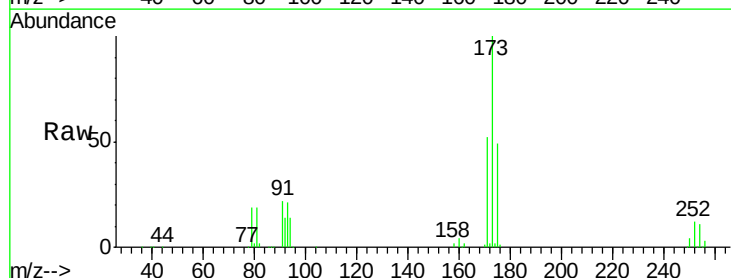
Tgt Ion: 173 Resp: 210994

Ion Ratio Lower Upper

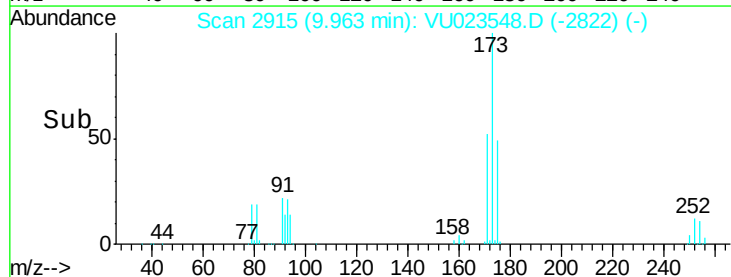
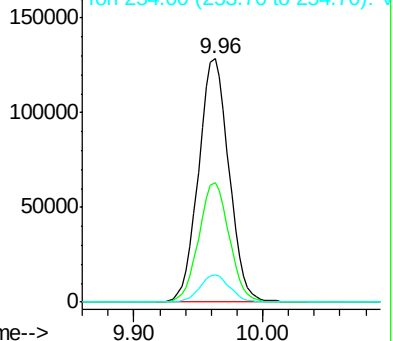
173 100

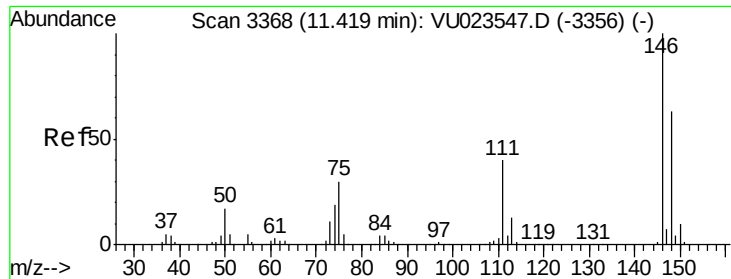
175 48.9 39.0 58.4

254 10.9 8.8 13.2



Abundance Ion 173.00 (172.70 to 173.70): VU023548.D (-2822) (-)





#62

1,3-Dichlorobenzene

Concen: 100.06 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

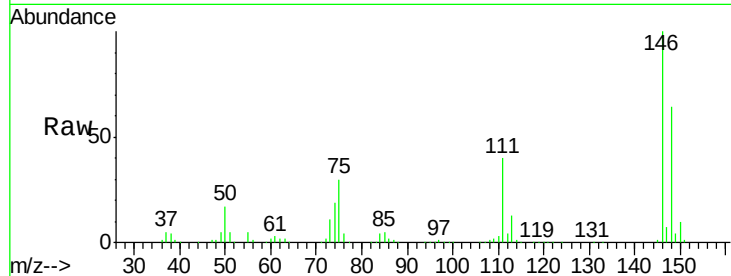
Tgt Ion:146 Resp: 588066

Ion Ratio Lower Upper

146 100

111 40.4 27.9 51.7

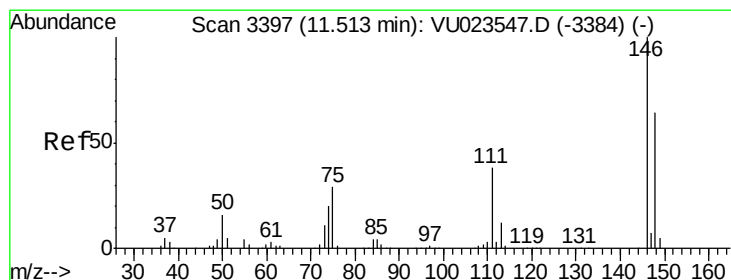
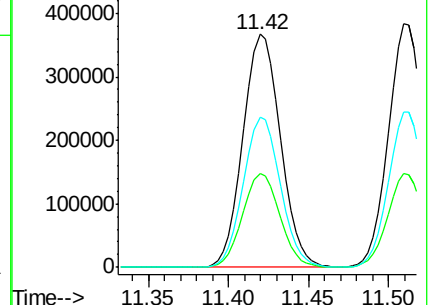
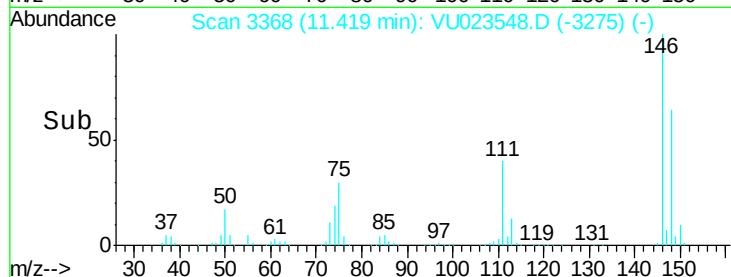
148 64.3 44.4 82.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 99.28 ug/L

RT: 11.51 min Scan# 3396

Delta R.T. -0.00 min

Lab File: VU023548.D

Acq: 01 May 2018 11:47

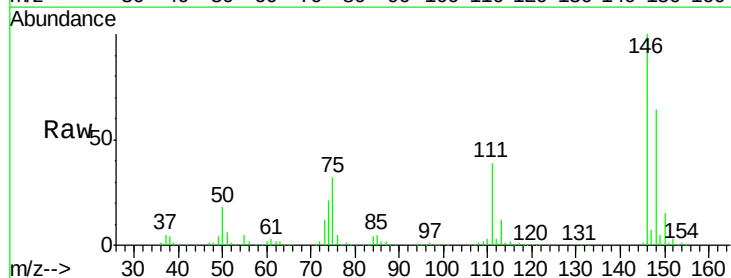
Tgt Ion:146 Resp: 605087

Ion Ratio Lower Upper

146 100

111 38.6 26.8 49.8

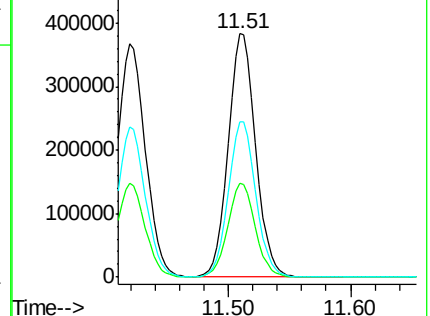
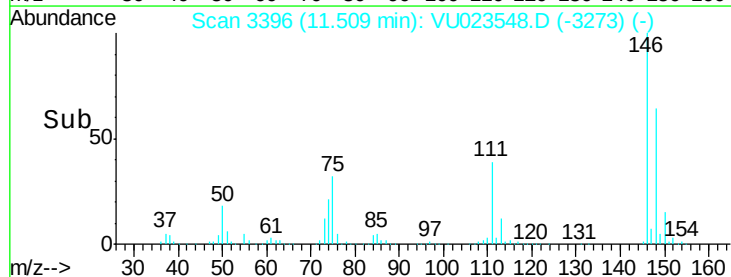
148 63.8 44.8 83.2

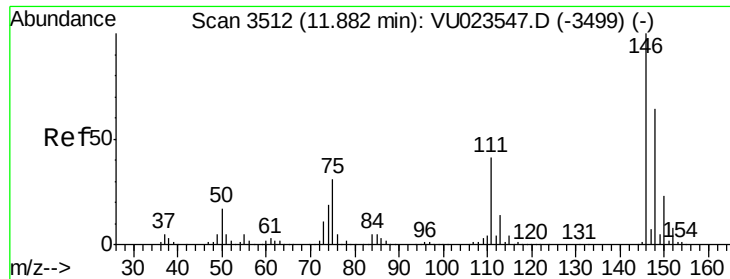


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

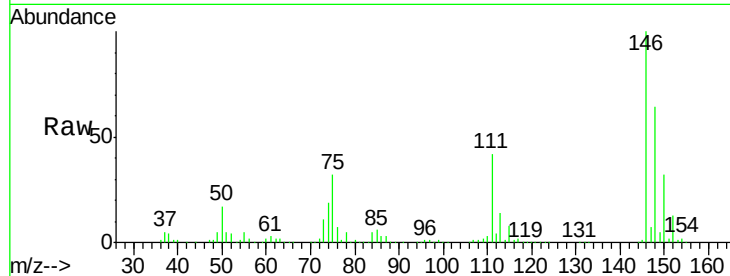
Ion 148.00 (147.70 to 148.70): V



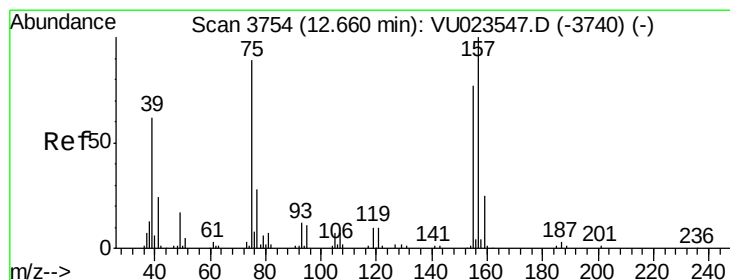
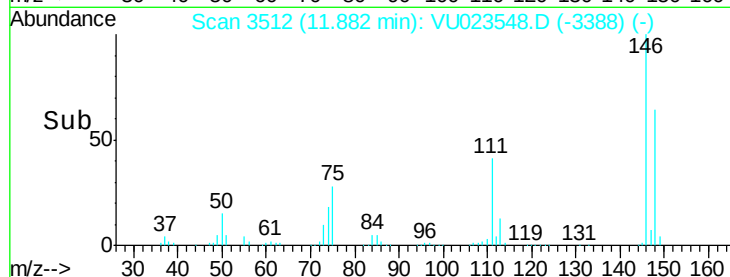
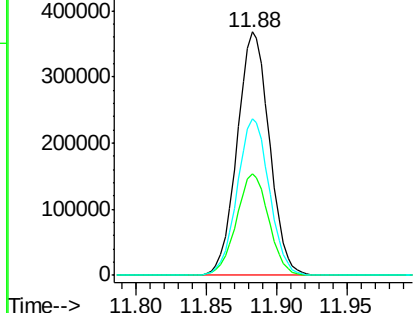


#65
 1,2-Dichlorobenzene
 Concen: 95.01 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU023548.D
 Acq: 01 May 2018 11:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	32.9	49.3
148	64.4	51.0	76.4

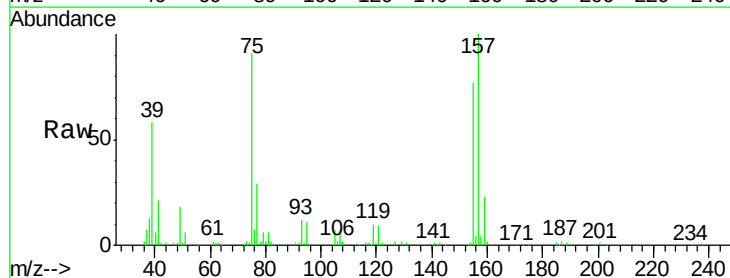


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

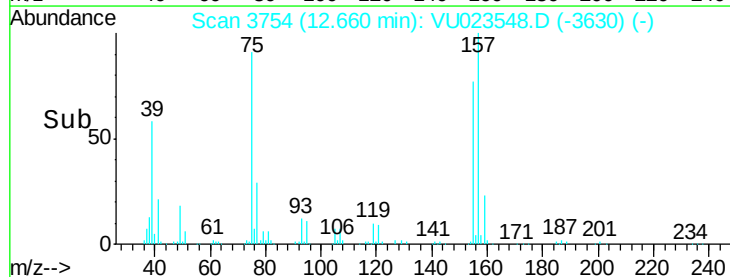
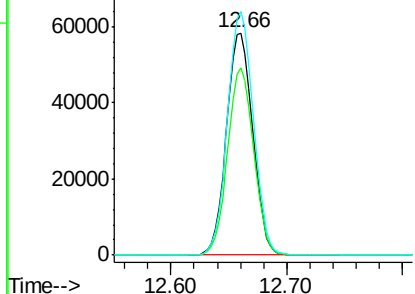


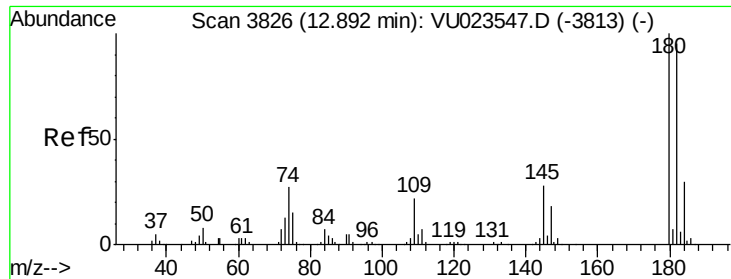
#66
 1,2-Dibromo-3-chloropropane
 Concen: 88.80 ug/L
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU023548.D
 Acq: 01 May 2018 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.6	68.9	103.3
157	109.7	89.9	134.9



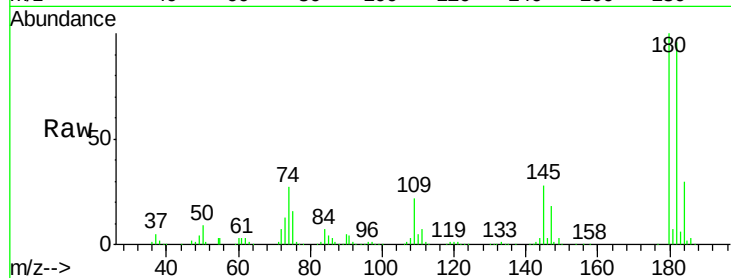
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 104.19 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. 0.00 min
 Lab File: VU023548.D
 Acq: 01 May 2018 11:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.5	114.7
184	30.4	24.1	36.1
145	27.9	22.2	33.4

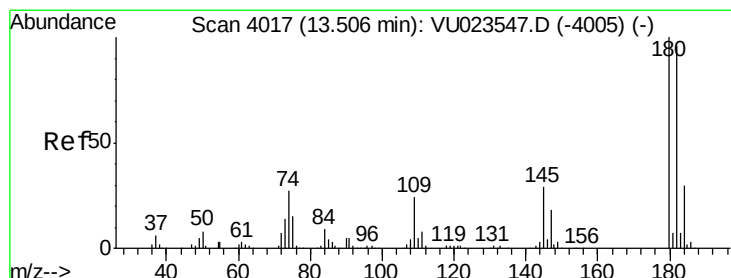
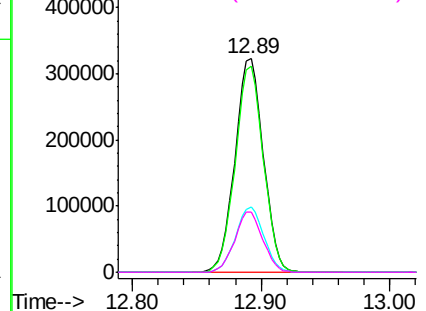
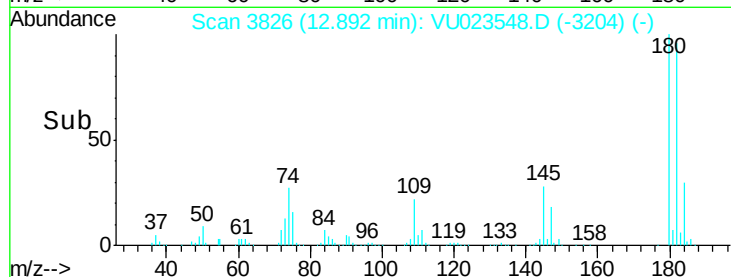


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

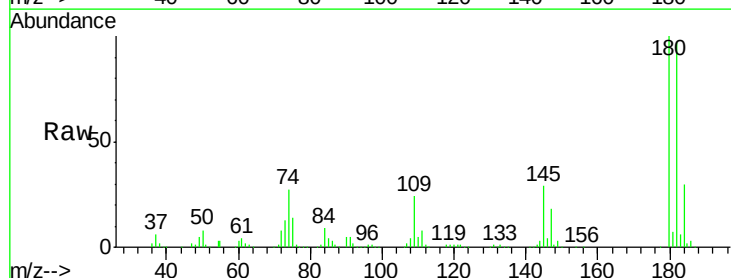
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 108.35 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU023548.D
 Acq: 01 May 2018 11:47

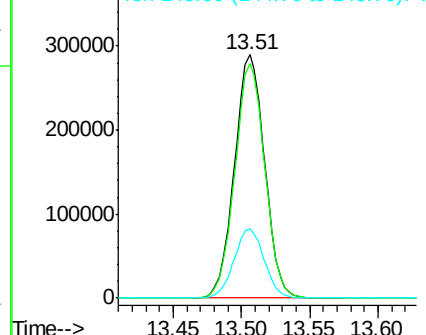
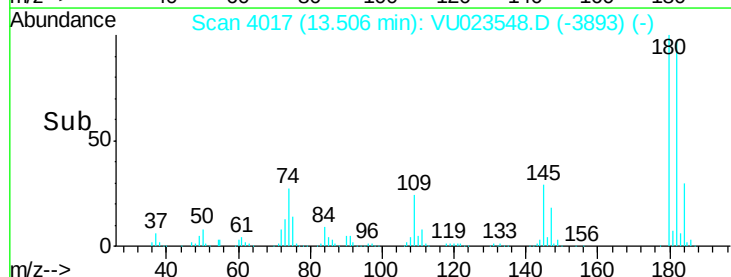
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.1	115.7
145	28.6	23.4	35.0

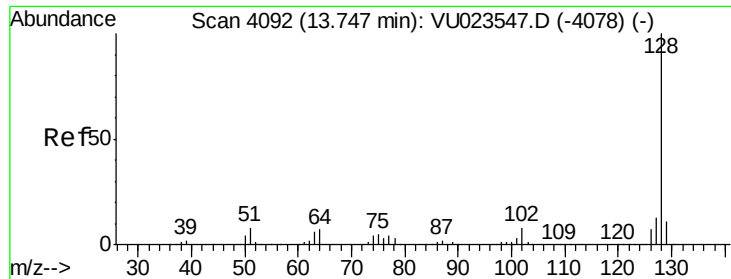


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

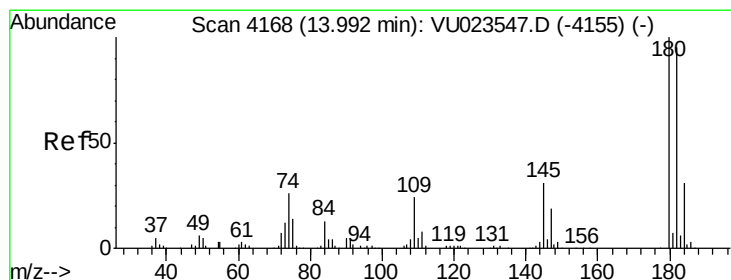
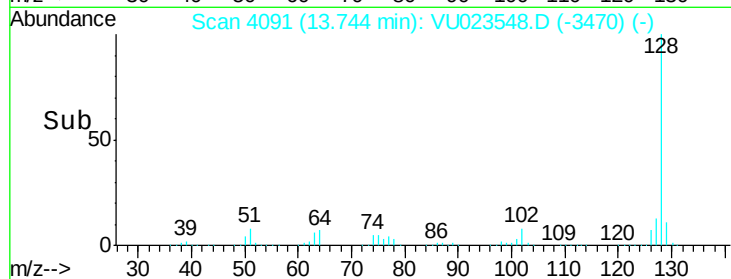
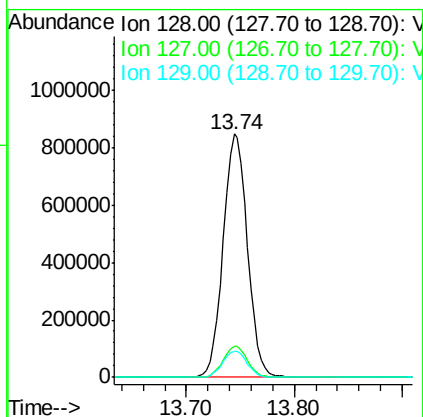
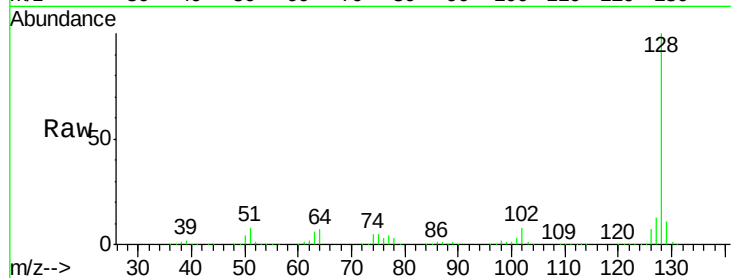
Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 103.53 ug/L
RT: 13.74 min Scan# 4091
Delta R.T. -0.00 min
Lab File: VU023548.D
Acq: 01 May 2018 11:47

Tgt Ion:128 Resp: 1327173
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 101.59 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU023548.D
Acq: 01 May 2018 11:47

Tgt Ion:180 Resp: 450284
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.4
145 30.2 24.3 36.5

