

Data File : VU023731.D
Acq On : 08 May 2018 12:31
Operator : MD/SY
Sample : VSTD20057
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 09 01:38:21 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 09 01:35:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	355901	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	348507	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	194202	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	552037	217.32	ug/L	0.00
7) Chloroethane-d5	1.66	69	402672	208.10	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	1008353	206.22	ug/L	0.00
21) 2-Butanone-d5	4.18	46	855835	482.90	ug/L	0.00
24) Chloroform-d	4.65	84	940930	223.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	594656	206.64	ug/L	0.00
32) Benzene-d6	5.35	84	1979782	211.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	652383	208.82	ug/L	0.00
41) Toluene-d8	7.57	98	1866888	216.77	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	314094	234.30	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	677317	552.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	917696	225.18	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.87	152	794601	209.10	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	618272	166.71	ug/L	99
3) Chloromethane	1.33	50	572087	147.34	ug/L	100
5) Vinyl chloride	1.40	62	644910	171.11	ug/L	96
6) Bromomethane	1.61	94	282813	147.39	ug/L	97
8) Chloroethane	1.69	64	365712	159.34	ug/L	99
9) Trichlorofluoromethane	1.88	101	759465	177.18	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	490642	181.52	ug/L	99
12) 1,1-Dichloroethene	2.28	96	459314	181.03	ug/L	91
13) Acetone	2.32	43	811588	323.71	ug/L	100
14) Carbon disulfide	2.47	76	1506353	173.76	ug/L	99
15) Methyl Acetate	2.62	43	669020	196.47	ug/L	99
16) Methylene chloride	2.70	84	559093	176.63	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	506122	182.05	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	1651138	199.26	ug/L	99
19) 1,1-Dichloroethane	3.45	63	994209	180.28	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	587511	189.49	ug/L	99
22) 2-Butanone	4.26	43	1077825	381.33	ug/L	99
23) Bromochloromethane	4.55	128	285892	183.12	ug/L	98
25) Chloroform	4.68	83	968938	172.40	ug/L	99
27) 1,2-Dichloroethane	5.41	62	750977	179.04	ug/L	99
29) Cyclohexane	5.00	56	952569	189.95	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	798556	183.52	ug/L	100
31) Carbon tetrachloride	5.14	117	705661	186.66	ug/L	100
33) Benzene	5.39	78	2192903	182.25	ug/L	100
34) Trichloroethene	6.19	95	560220	180.50	ug/L	98
35) Methylcyclohexane	6.42	83	914290	190.37	ug/L	99
37) 1,2-Dichloropropane	6.44	63	619134	178.58	ug/L	100
38) Bromodichloromethane	6.76	83	738093	188.30	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	960729	201.13	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	1848858	431.14	ug/L	99

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Operator : MD/SY
Sample : VSTD20057
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

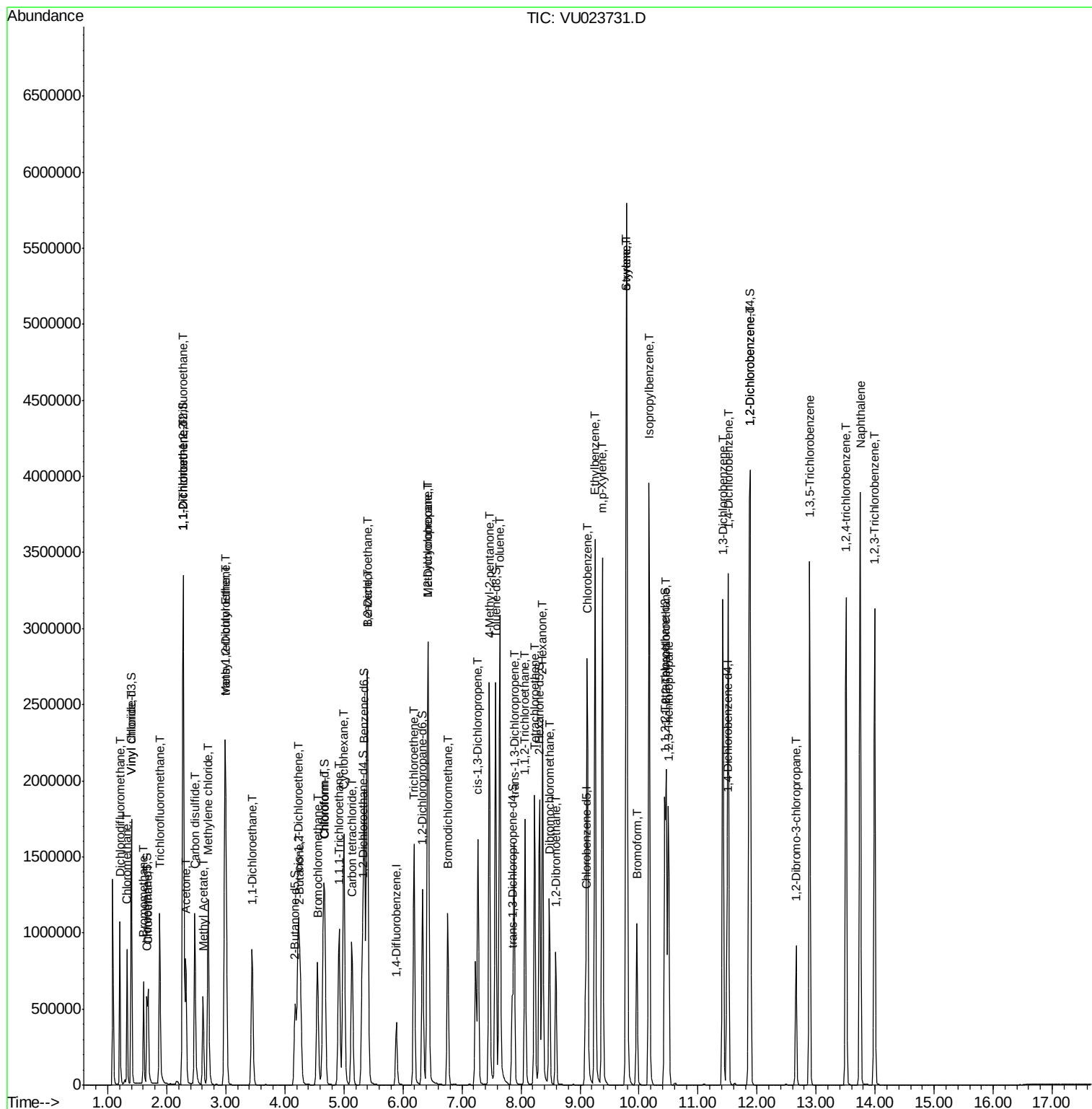
Quant Time: May 09 01:38:21 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 09 01:35:20 2018
Response via : Initial Calibration

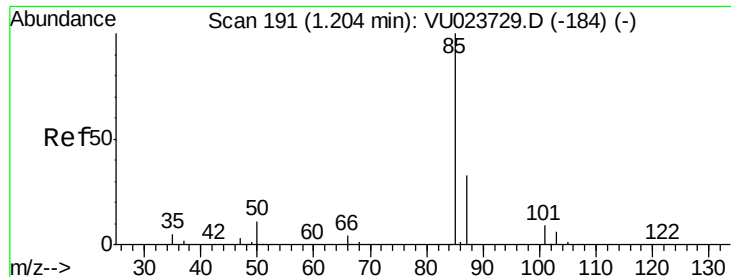
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	2326169	186.16	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	878870	206.52	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	545108	184.02	ug/L	99
46) Tetrachloroethene	8.23	164	460010	182.80	ug/L	97
48) 2-Hexanone	8.36	43	1542384	416.18	ug/L	98
49) Dibromochloromethane	8.48	129	622452	199.74	ug/L	99
50) 1,2-Dibromoethane	8.59	107	577551	192.06	ug/L	99
51) Chlorobenzene	9.12	112	1548889	184.98	ug/L	100
52) Ethylbenzene	9.26	91	2632417	193.68	ug/L	100
53) m,p-Xylene	9.38	106	1010250	195.40	ug/L	99
54) o-xylene	9.78	106	979276	199.08	ug/L	98
55) Styrene	9.80	104	1741888	202.47	ug/L	100
56) Isopropylbenzene	10.17	105	2598121	200.56	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	988055	202.06	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	771444	198.72	ug/L	100
61) Bromoform	9.96	173	489223	201.15	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	1318685	190.01	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	1347960	186.82	ug/L	98
65) 1,2-Dichlorobenzene	11.89	146	1315541	185.33	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	221457	212.35	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	1085520	187.86	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	1003670	204.25	ug/L	100
69) Naphthalene	13.75	128	3023757	234.12	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	990955	198.09	ug/L	99

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

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ALS Vial      : 7      Sample Multiplier: 1
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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 166.71 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023731.D

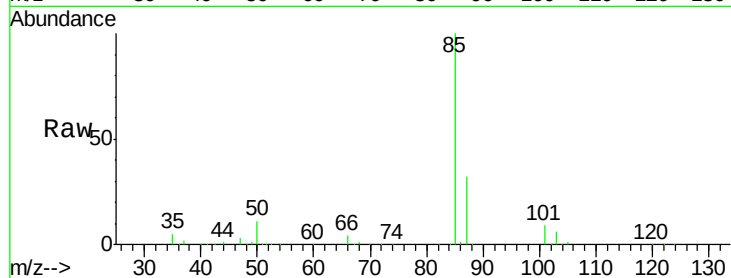
Acq: 08 May 2018 12:31

Tgt Ion: 85 Resp: 618272

Ion Ratio Lower Upper

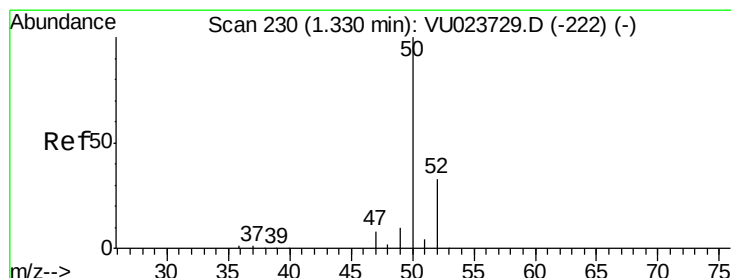
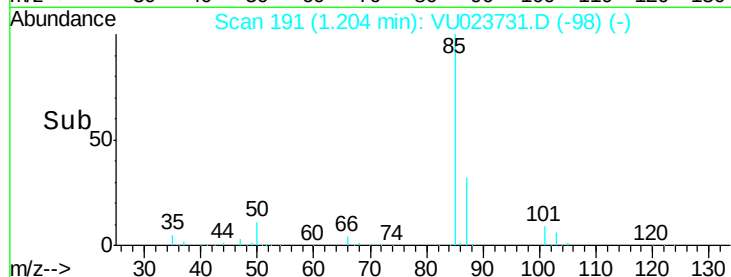
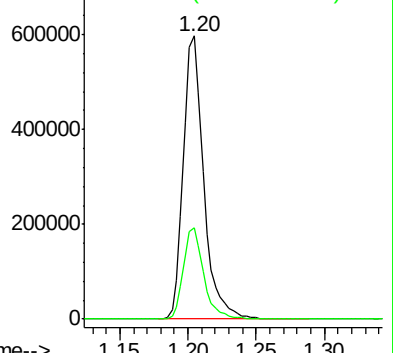
85 100

87 32.2 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 147.34 ug/L

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU023731.D

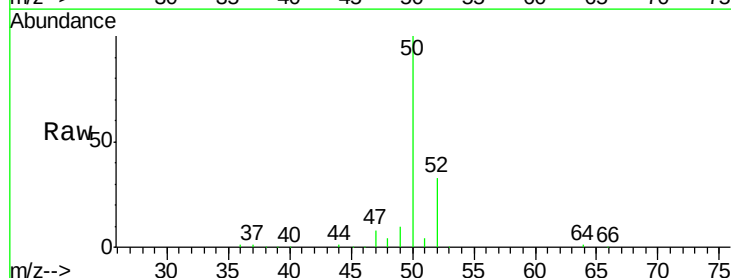
Acq: 08 May 2018 12:31

Tgt Ion: 50 Resp: 572087

Ion Ratio Lower Upper

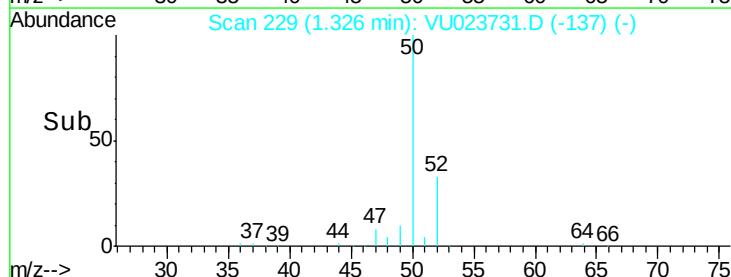
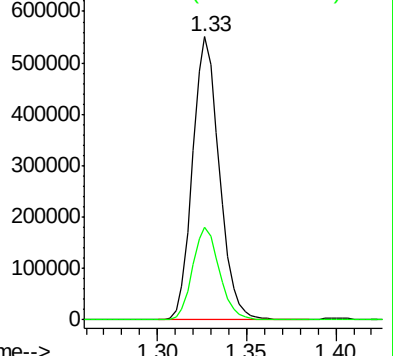
50 100

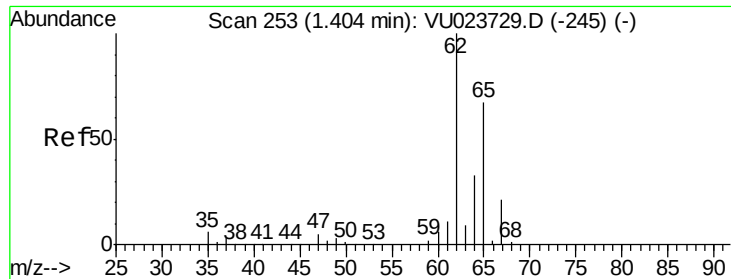
52 32.7 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 171.11 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU023731.D

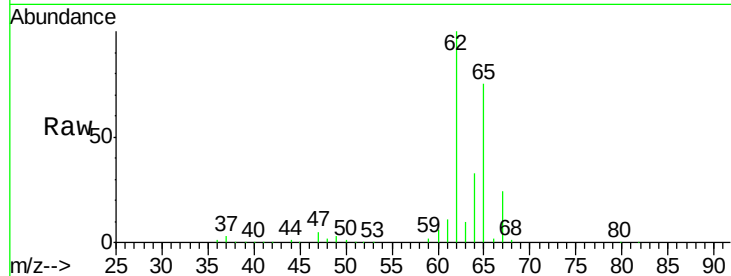
Acq: 08 May 2018 12:31

Tgt Ion: 62 Resp: 644910

Ion Ratio Lower Upper

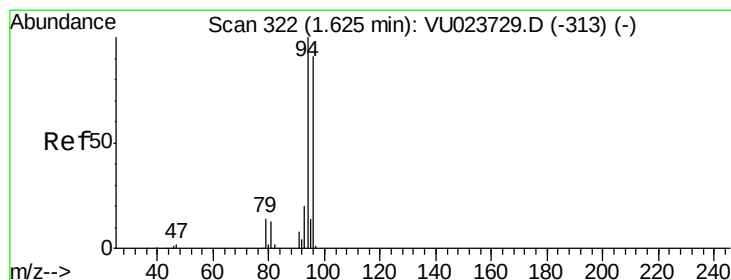
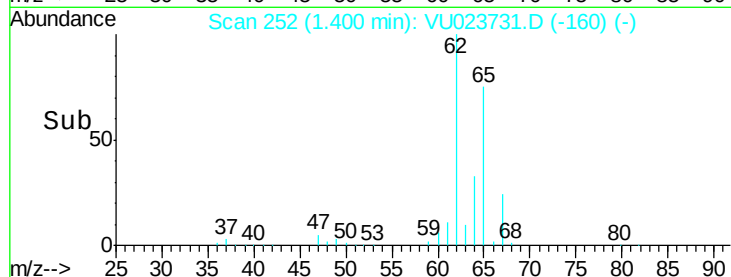
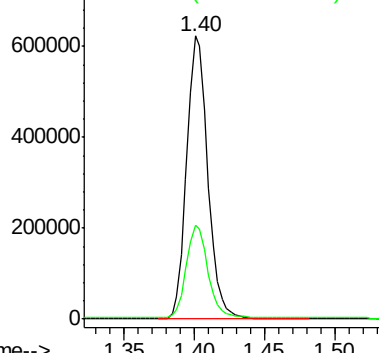
62 100

64 33.4 25.2 46.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#6

Bromomethane

Concen: 147.39 ug/L

RT: 1.61 min Scan# 316

Delta R.T. -0.02 min

Lab File: VU023731.D

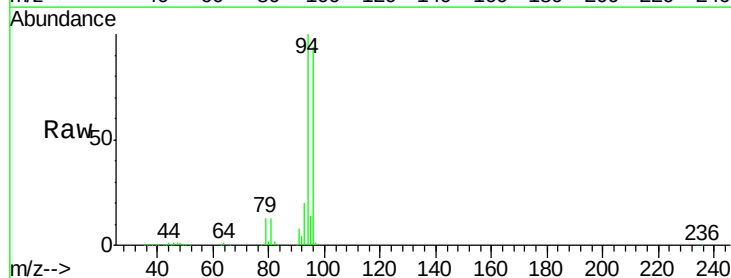
Acq: 08 May 2018 12:31

Tgt Ion: 94 Resp: 282813

Ion Ratio Lower Upper

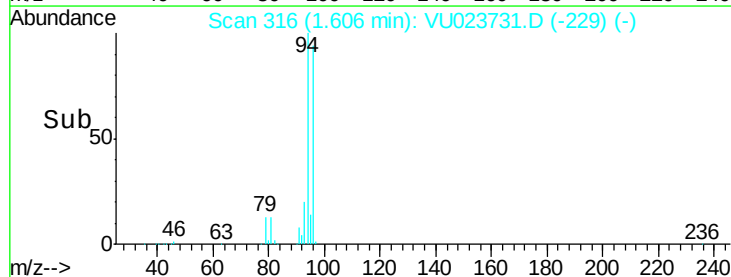
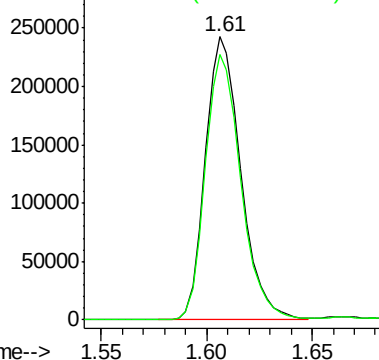
94 100

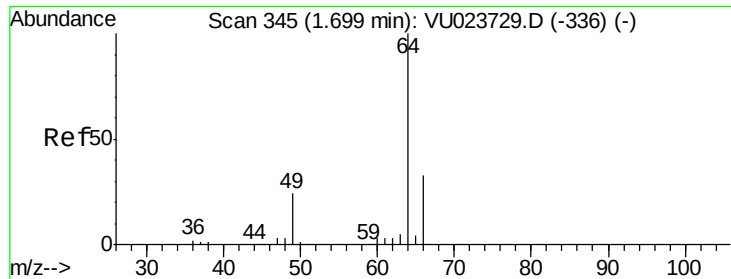
96 93.8 63.3 117.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 159.34 ug/L

RT: 1.69 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU023731.D

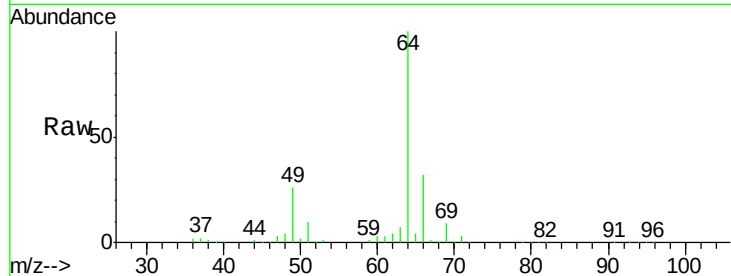
Acq: 08 May 2018 12:31

Tgt Ion: 64 Resp: 365712

Ion Ratio Lower Upper

64 100

66 31.9 22.5 41.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

1.69

250000

200000

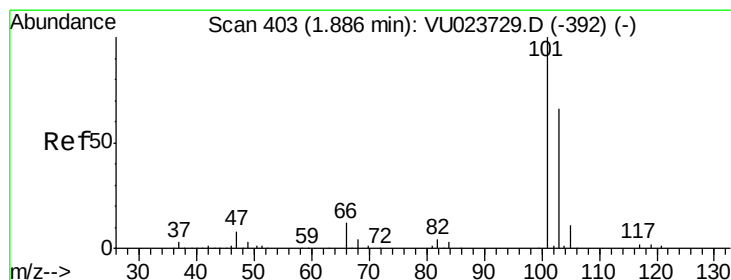
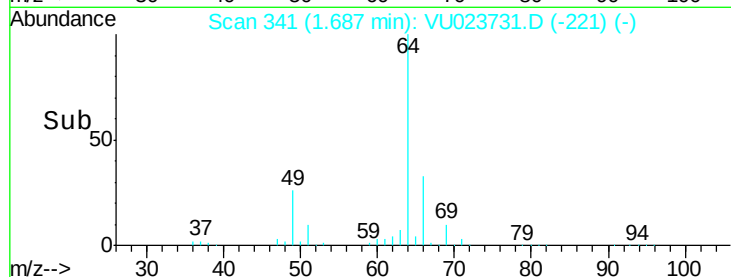
150000

100000

50000

0

Time-->



#9

Trichlorofluoromethane

Concen: 177.18 ug/L

RT: 1.88 min Scan# 401

Delta R.T. -0.01 min

Lab File: VU023731.D

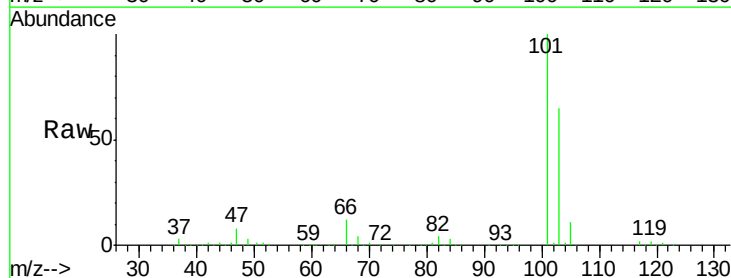
Acq: 08 May 2018 12:31

Tgt Ion: 101 Resp: 759465

Ion Ratio Lower Upper

101 100

103 64.7 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.88

500000

400000

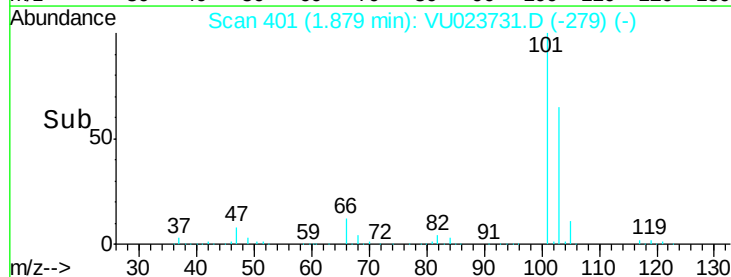
300000

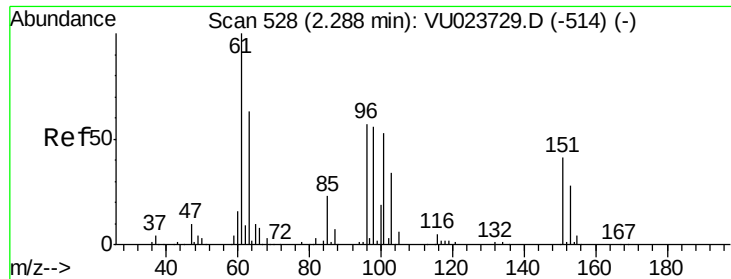
200000

100000

0

Time-->





#10

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

Concen: 181.52 ug/L

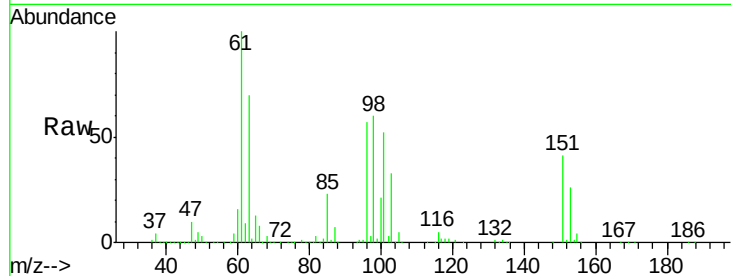
RT: 2.28 min Scan# 526

Delta R.T. -0.01 min

Lab File: VU023731.D

Acq: 08 May 2018 12:31

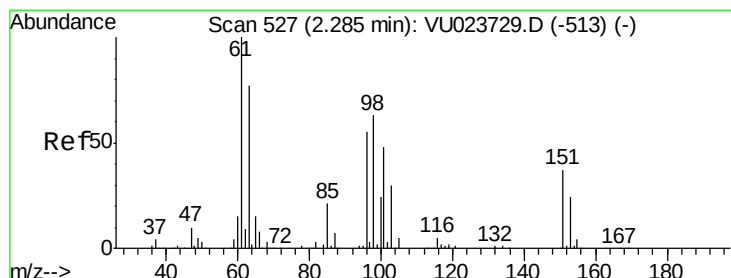
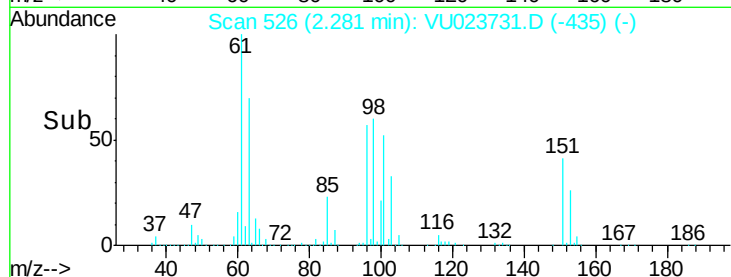
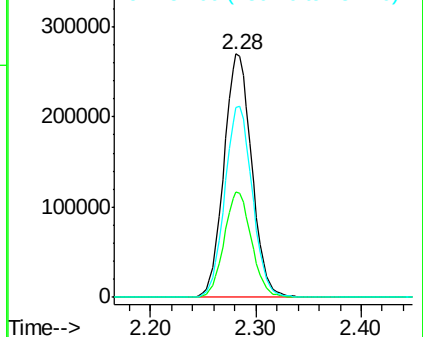
Tgt Ion:	101	Resp:	490642
Ion	Ratio	Lower	Upper
101	100		
85	42.5	33.9	50.9
151	78.0	63.0	94.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 181.03 ug/L

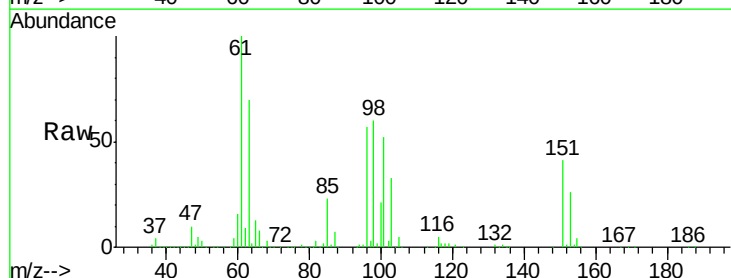
RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU023731.D

Acq: 08 May 2018 12:31

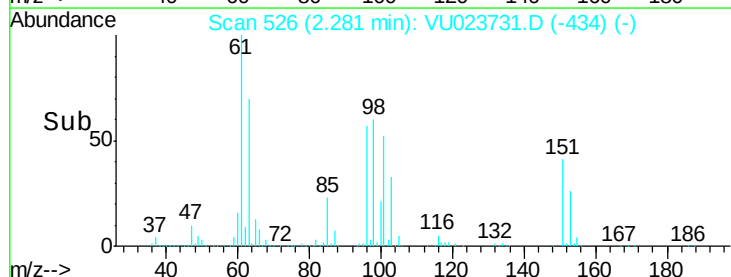
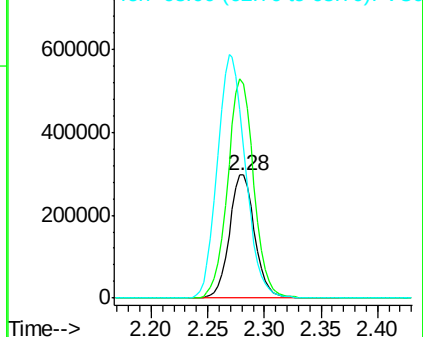
Tgt Ion:	96	Resp:	459314
Ion	Ratio	Lower	Upper
96	100		
61	174.2	126.4	234.8
63	121.9	97.3	180.7

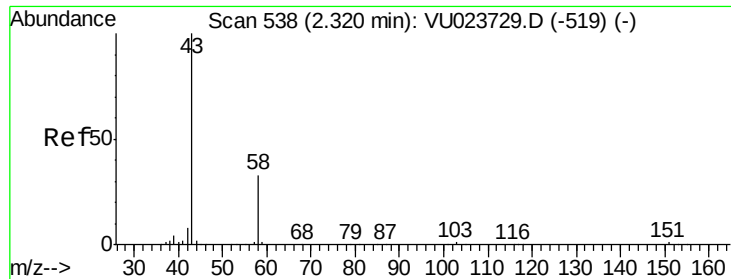


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 323.71 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU023731.D

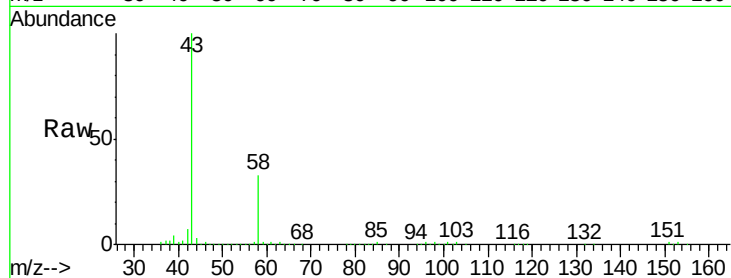
Acq: 08 May 2018 12:31

Tgt Ion: 43 Resp: 811588

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

500000

400000

300000

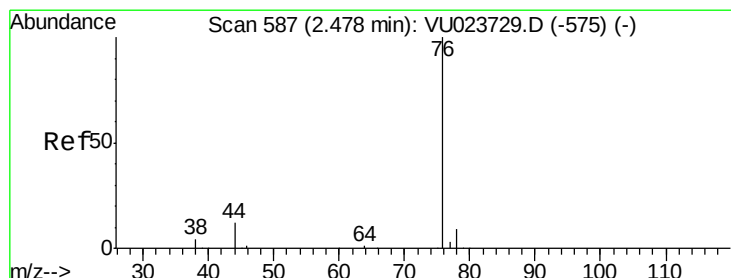
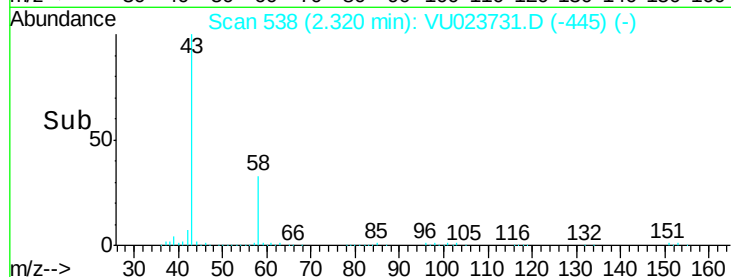
200000

100000

0

Time-->

2.20 2.30 2.40



#14

Carbon disulfide

Concen: 173.76 ug/L

RT: 2.47 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU023731.D

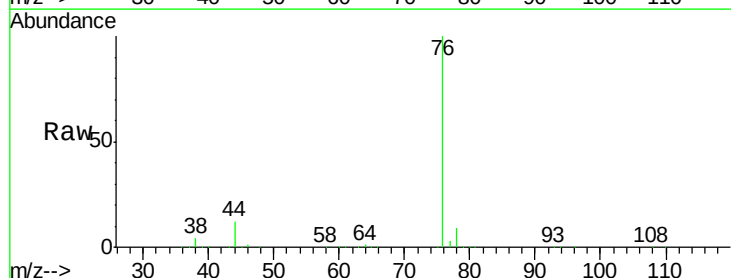
Acq: 08 May 2018 12:31

Tgt Ion: 76 Resp: 1506353

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.47

1000000

800000

600000

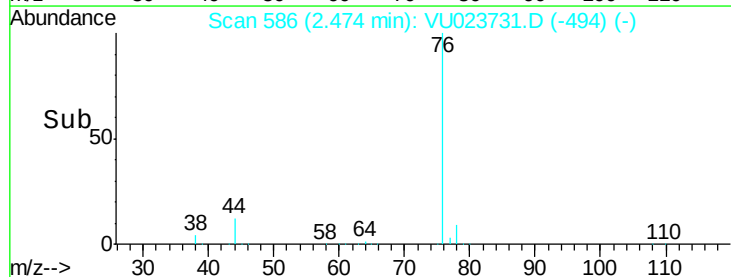
400000

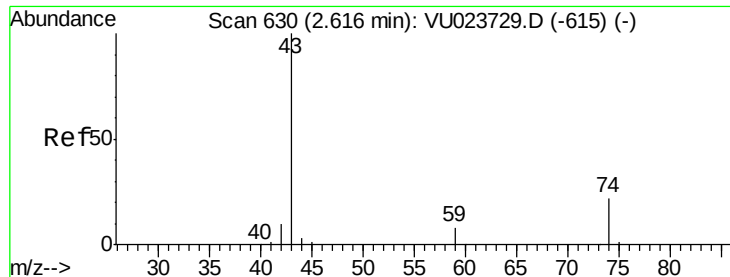
200000

0

Time-->

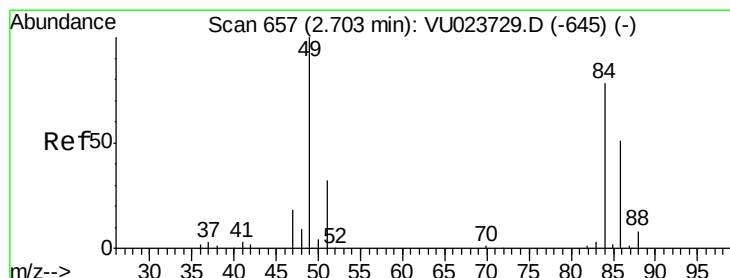
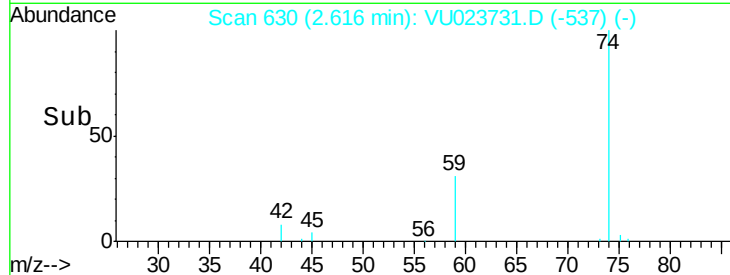
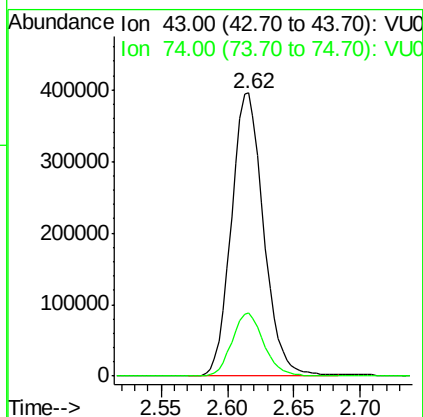
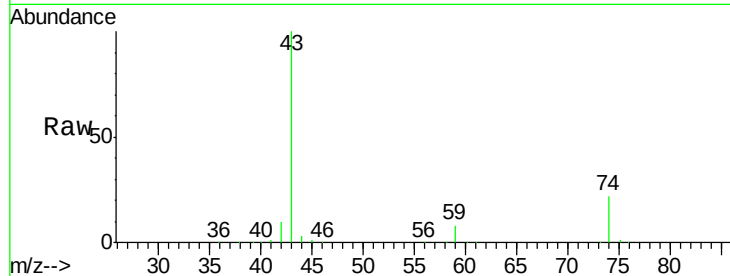
2.40 2.50 2.60





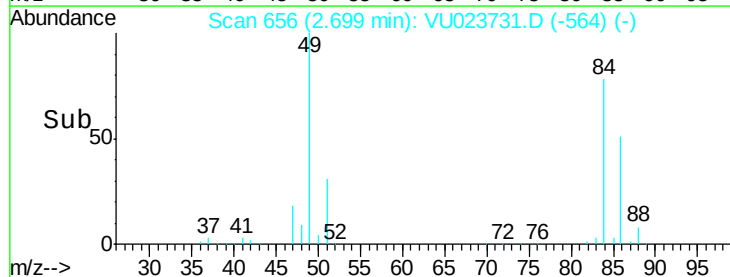
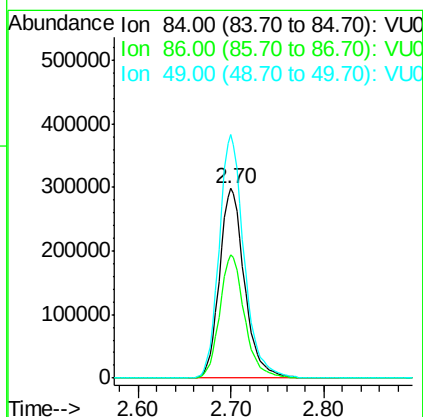
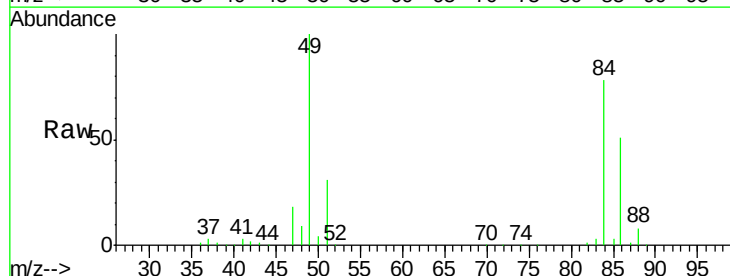
#15
Methyl Acetate
Concen: 196.47 ug/L
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU023731.D
Acq: 08 May 2018 12:31

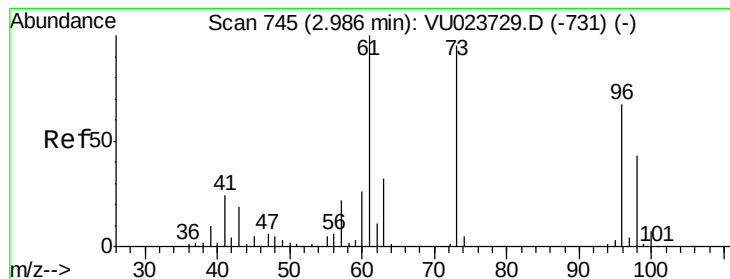
Tgt Ion: 43 Resp: 669020
Ion Ratio Lower Upper
43 100
74 22.1 18.0 27.0



#16
Methylene chloride
Concen: 176.63 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU023731.D
Acq: 08 May 2018 12:31

Tgt Ion: 84 Resp: 559093
Ion Ratio Lower Upper
84 100
86 64.9 45.8 85.2
49 128.3 90.4 167.8





#17

trans-1,2-Dichloroethene

Concen: 182.05 ug/L

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU023731.D

Acq: 08 May 2018 12:31

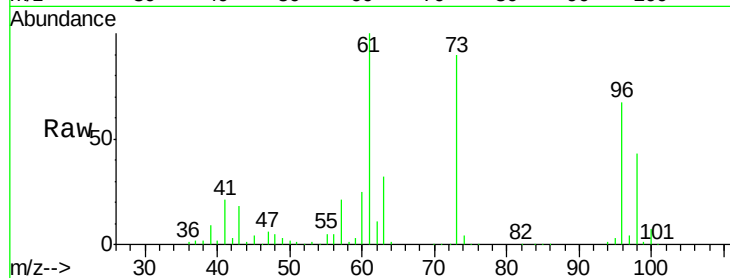
Tgt Ion: 96 Resp: 506122

Ion Ratio Lower Upper

96 100

61 148.3 103.7 192.7

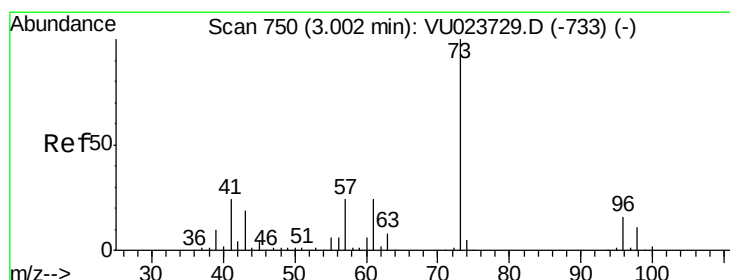
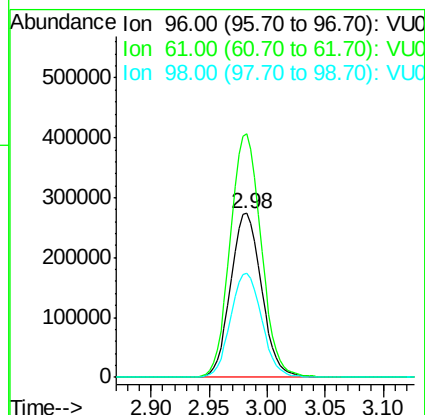
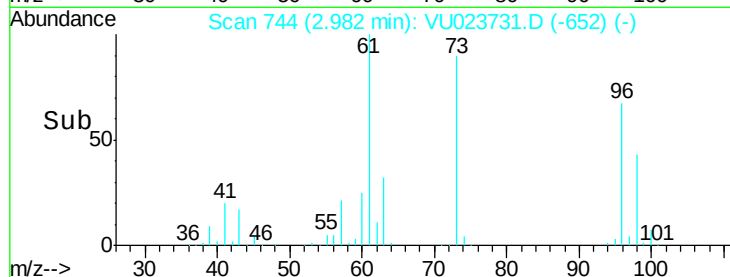
98 63.7 44.4 82.5



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: 199.26 ug/L

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU023731.D

Acq: 08 May 2018 12:31

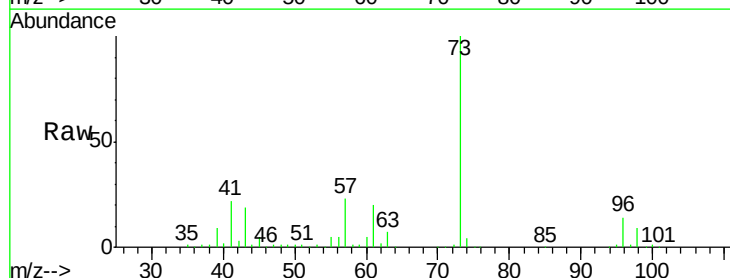
Tgt Ion: 73 Resp: 1651138

Ion Ratio Lower Upper

73 100

43 18.8 15.4 23.0

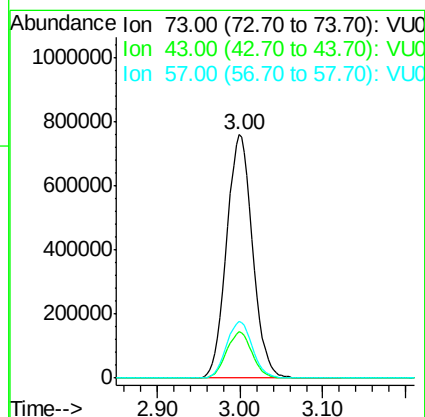
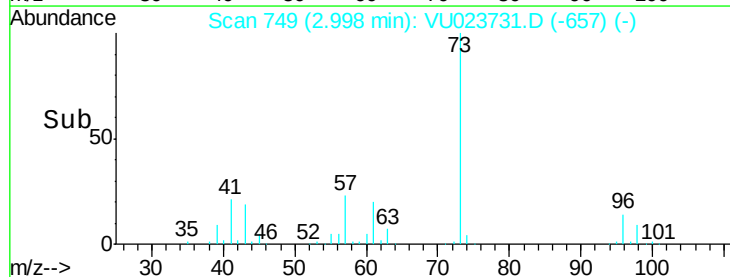
57 23.3 18.6 27.8

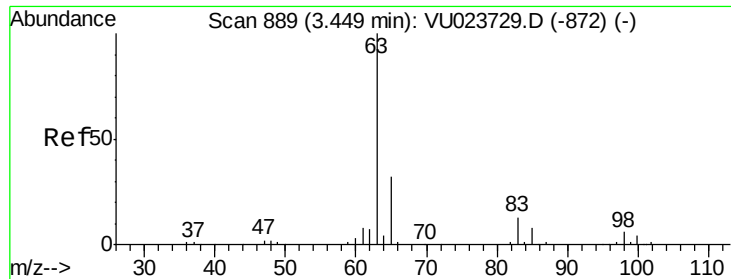


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#19

1,1-Dichloroethane

Concen: 180.28 ug/L

RT: 3.45 min Scan# 888

Delta R.T. -0.00 min

Lab File: VU023731.D

Acq: 08 May 2018 12:31

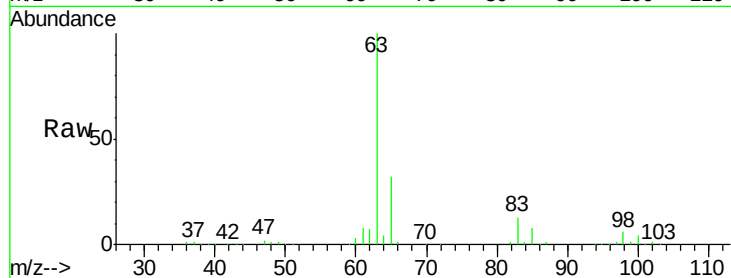
Tgt Ion: 63 Resp: 994209

Ion Ratio Lower Upper

63 100

65 31.8 22.4 41.6

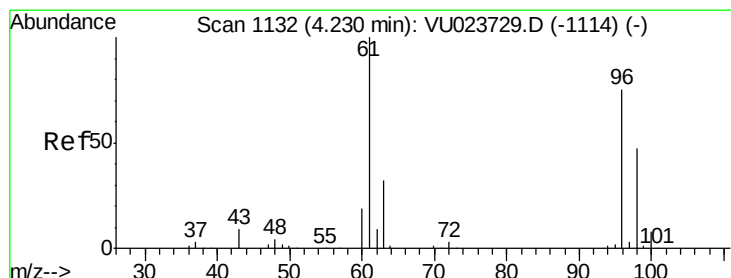
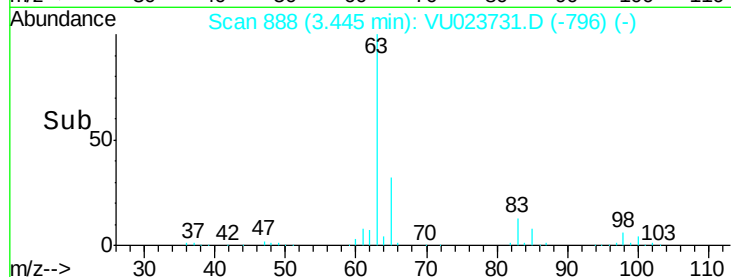
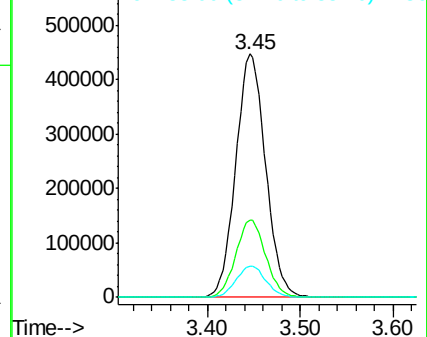
83 13.0 9.2 17.2



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: 189.49 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023731.D

Acq: 08 May 2018 12:31

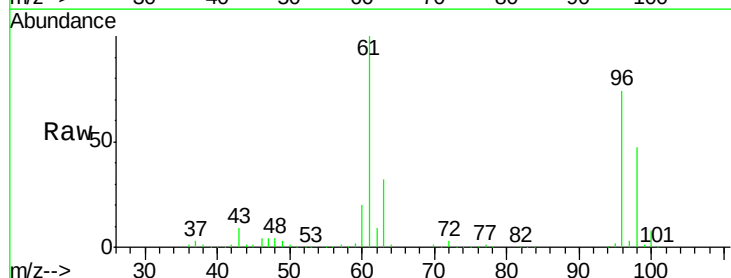
Tgt Ion: 96 Resp: 587511

Ion Ratio Lower Upper

96 100

61 135.1 93.9 174.5

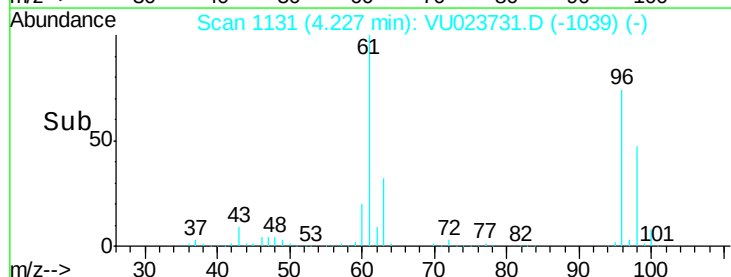
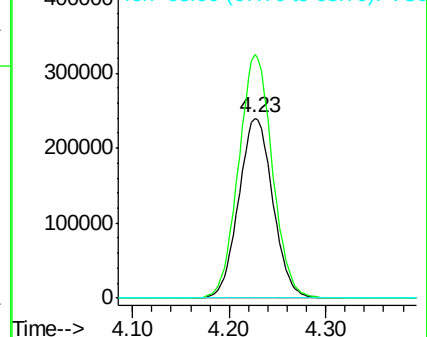
68 0.0 0.0 0.0

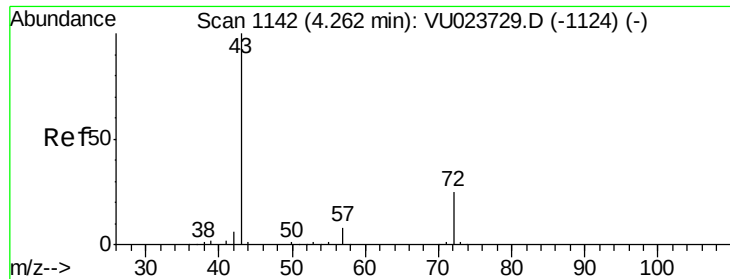


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 381.33 ug/L

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU023731.D

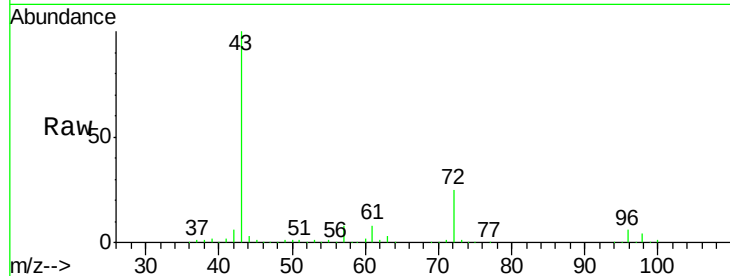
Acq: 08 May 2018 12:31

Tgt Ion: 43 Resp: 1077825

Ion Ratio Lower Upper

43 100

72 25.8 12.7 38.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

400000

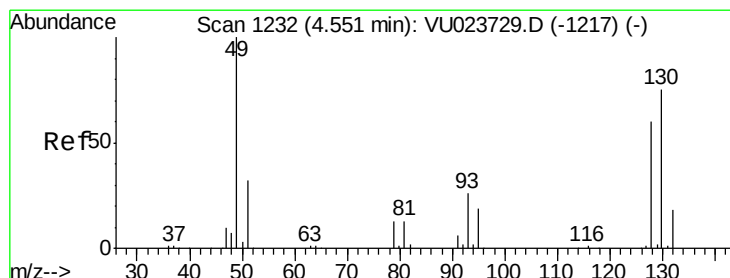
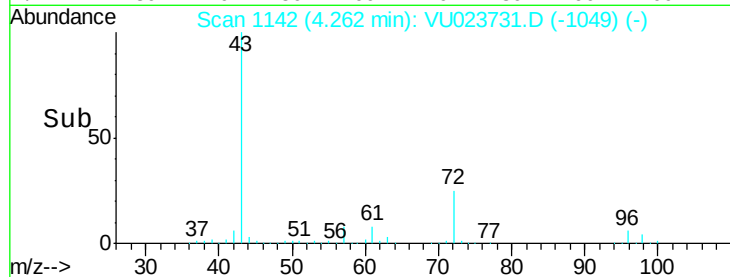
300000

200000

100000

0

Time-->



#23

Bromochloromethane

Concen: 183.12 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU023731.D

Acq: 08 May 2018 12:31

Tgt Ion: 128 Resp: 285892

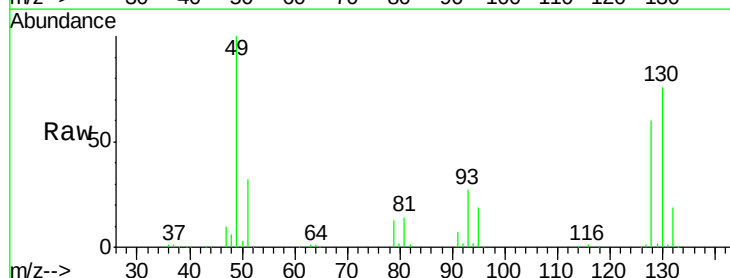
Ion Ratio Lower Upper

128 100

49 167.7 116.1 215.7

130 128.1 86.6 160.8

51 53.3 42.6 63.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VU0

300000

250000

200000

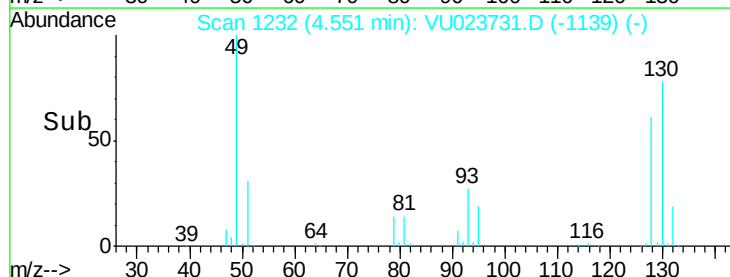
150000

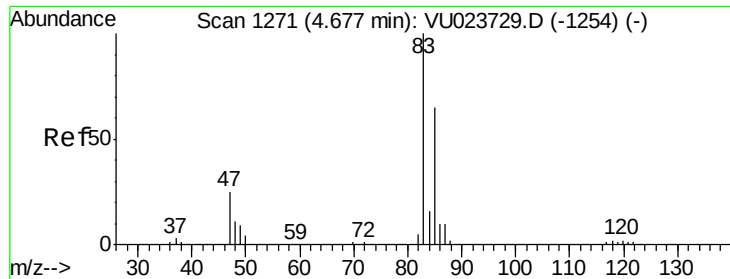
100000

50000

0

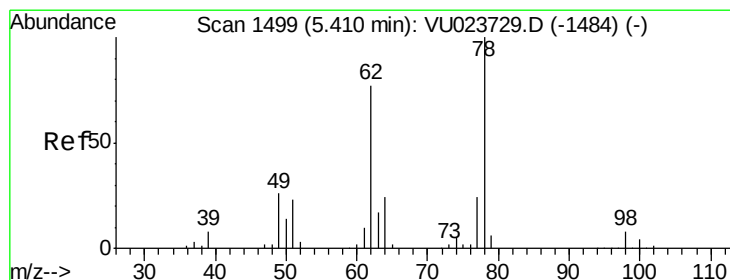
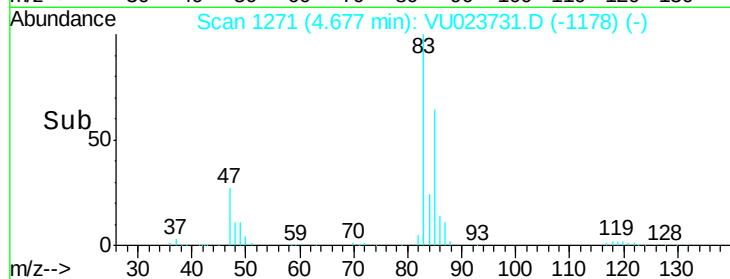
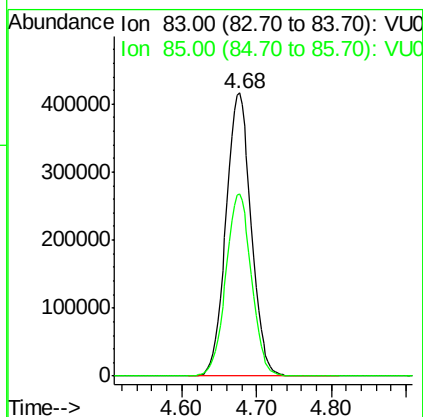
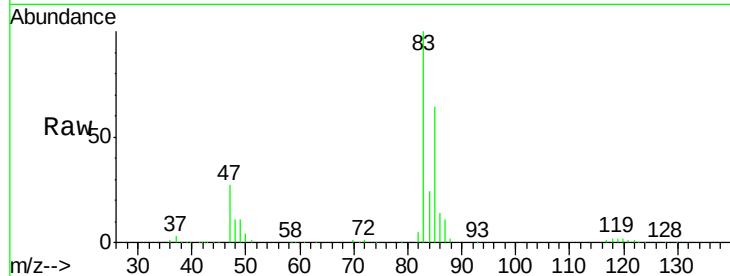
Time-->





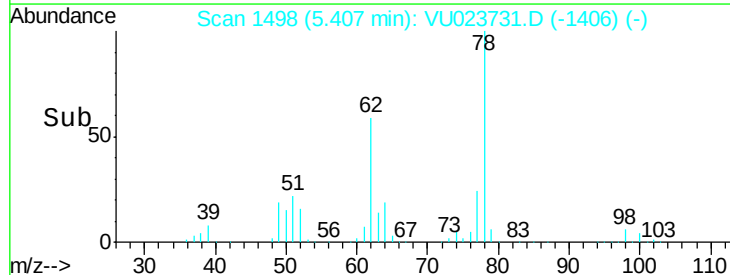
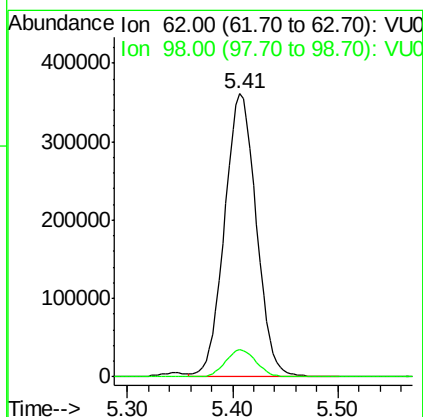
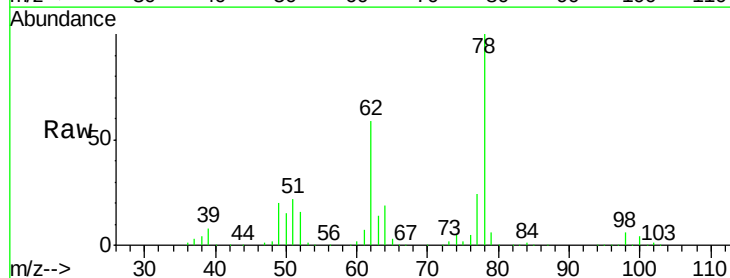
#25
Chloroform
Concen: 172.40 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023731.D
Acq: 08 May 2018 12:31

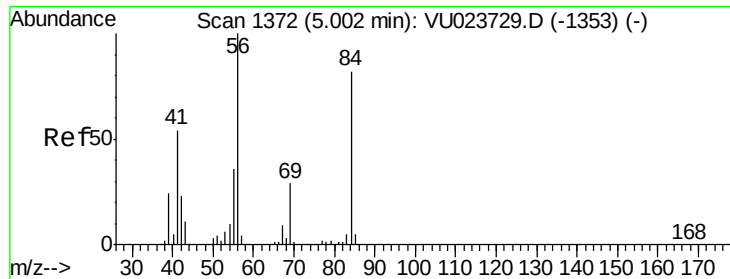
Tgt Ion: 83 Resp: 968938
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 179.04 ug/L
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU023731.D
Acq: 08 May 2018 12:31

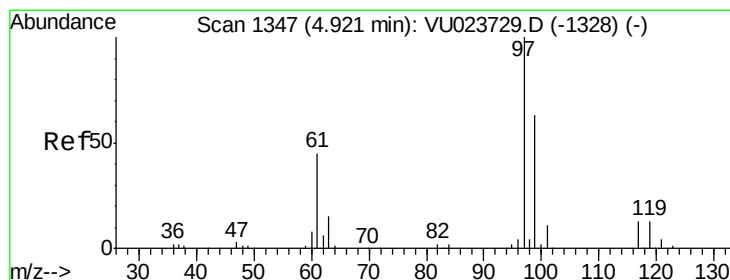
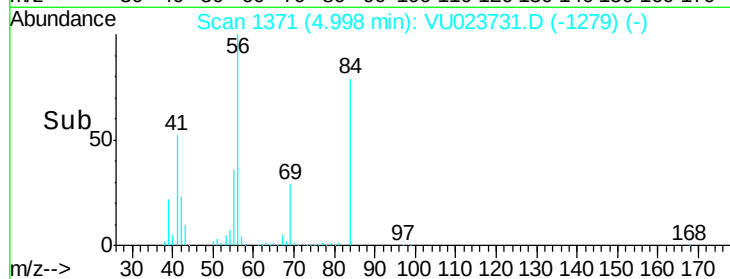
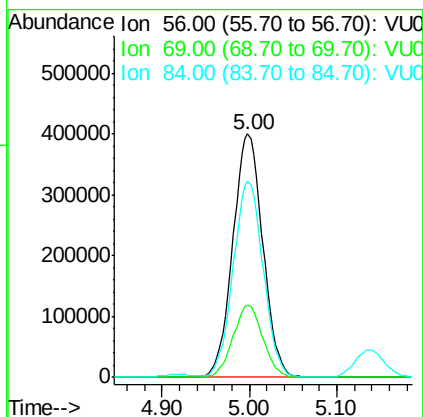
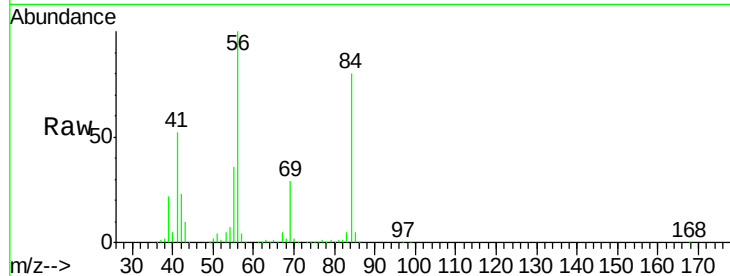
Tgt Ion: 62 Resp: 750977
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.8





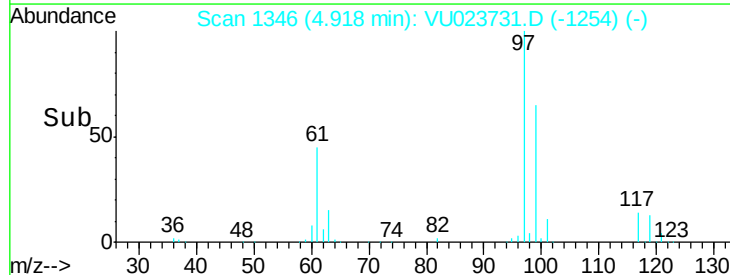
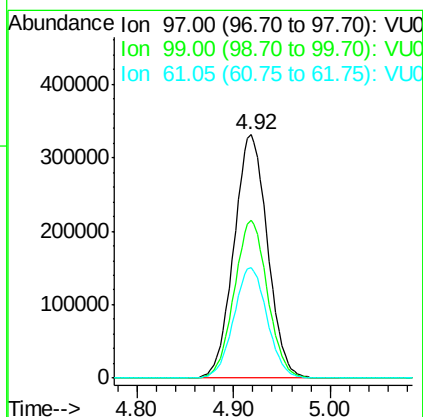
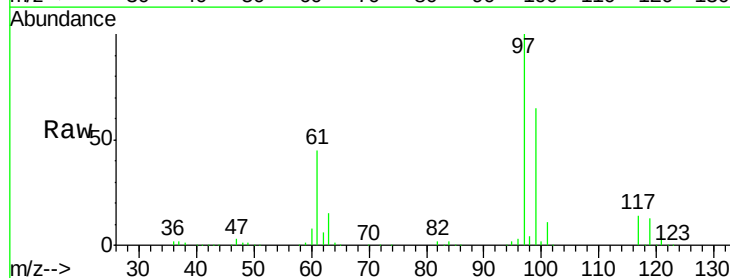
#29
Cyclohexane
Concen: 189.95 ug/L
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU023731.D
Acq: 08 May 2018 12:31

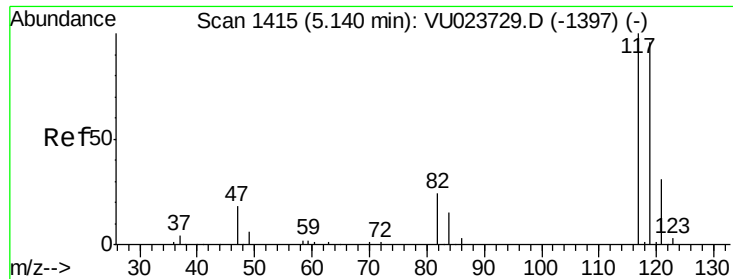
Tgt Ion: 56 Resp: 952569
Ion Ratio Lower Upper
56 100
69 29.4 23.6 35.4
84 81.0 65.8 98.8



#30
1,1,1-Trichloroethane
Concen: 183.52 ug/L
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU023731.D
Acq: 08 May 2018 12:31

Tgt Ion: 97 Resp: 798556
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 45.3 36.5 54.7





#31

Carbon tetrachloride

Concen: 186.66 ug/L

RT: 5.14 min Scan# 1414

Delta R.T. -0.00 min

Lab File: VU023731.D

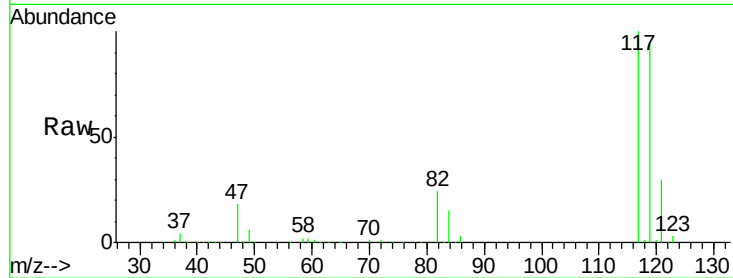
Acq: 08 May 2018 12:31

Tgt Ion:117 Resp: 705661

Ion Ratio Lower Upper

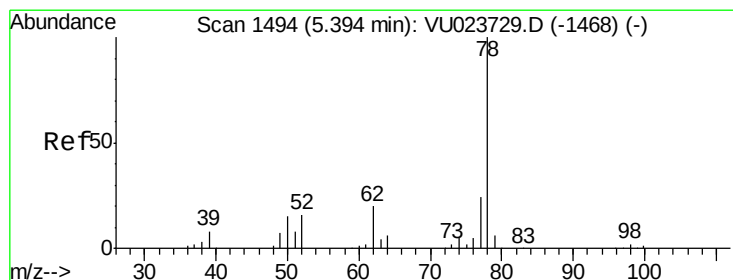
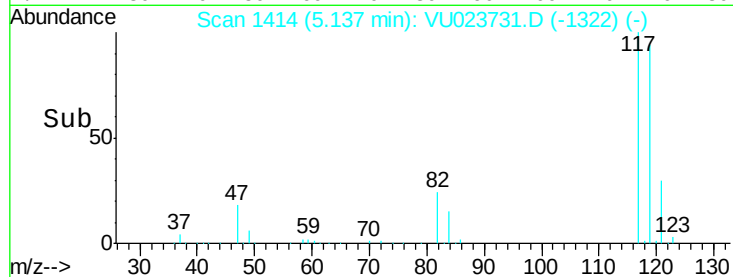
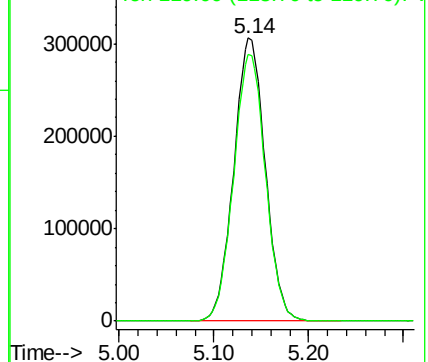
117 100

119 95.5 76.4 114.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 182.25 ug/L

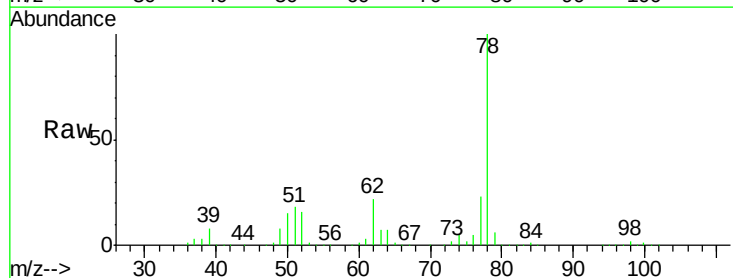
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

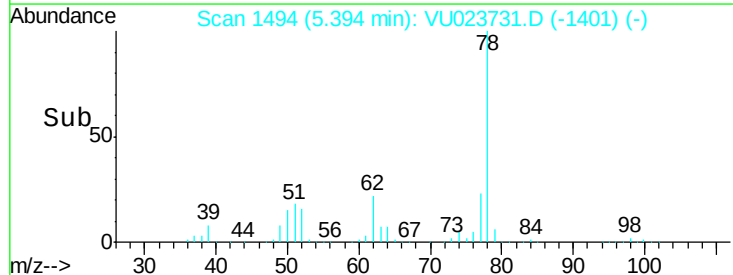
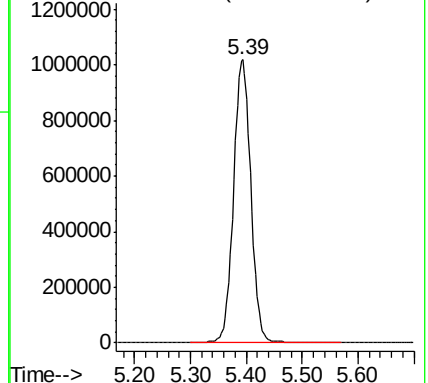
Lab File: VU023731.D

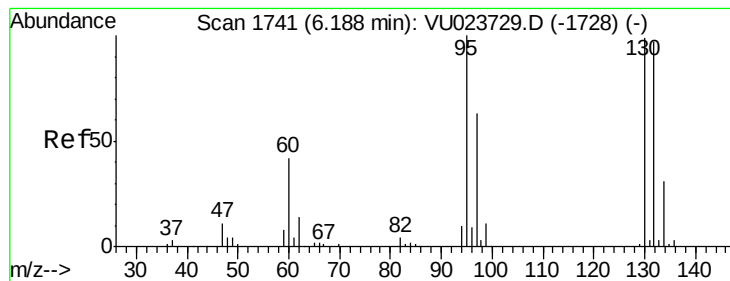
Acq: 08 May 2018 12:31

Tgt Ion: 78 Resp: 2192903



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 180.50 ug/L

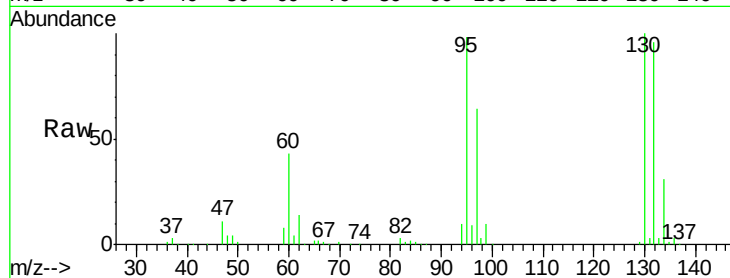
RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023731.D

Acq: 08 May 2018 12:31

Tgt Ion:	95	Resp:	560220
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.2	82.2
132	97.8	67.8	125.8
130	101.7	69.6	129.2

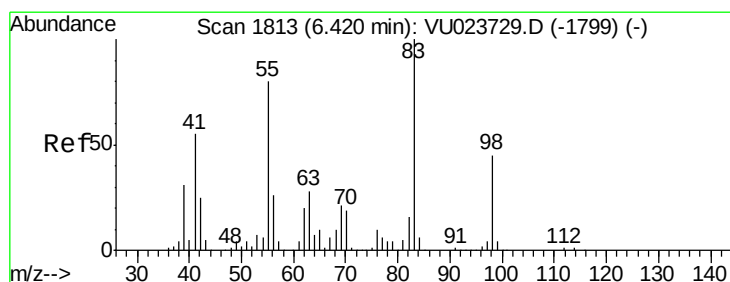
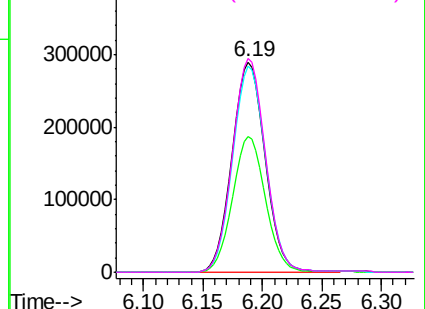
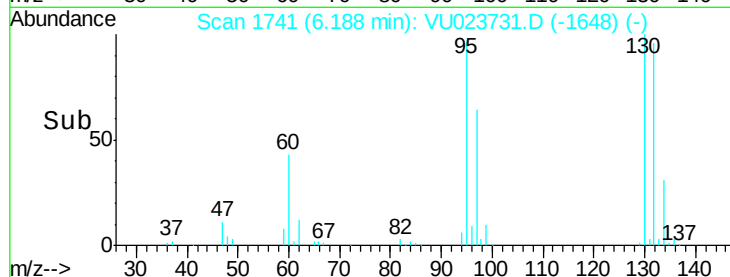


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 190.37 ug/L

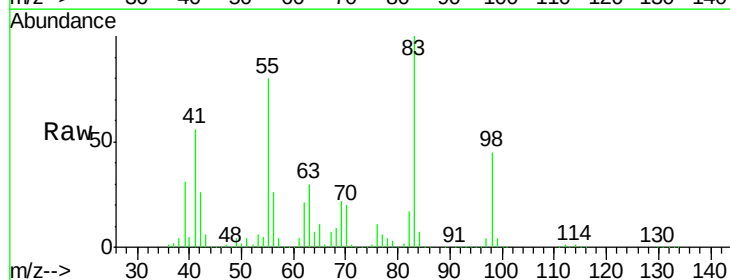
RT: 6.42 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VU023731.D

Acq: 08 May 2018 12:31

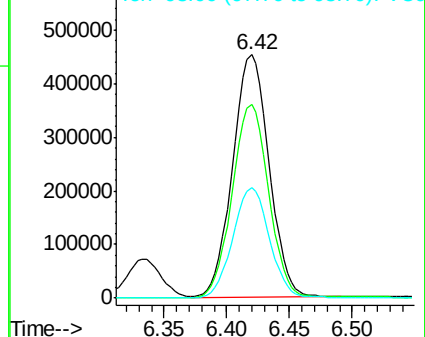
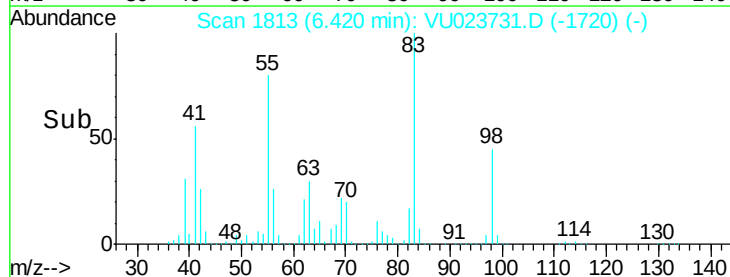
Tgt Ion:	83	Resp:	914290
Ion	Ratio	Lower	Upper
83	100		
55	80.4	64.8	97.2
98	45.7	36.7	55.1

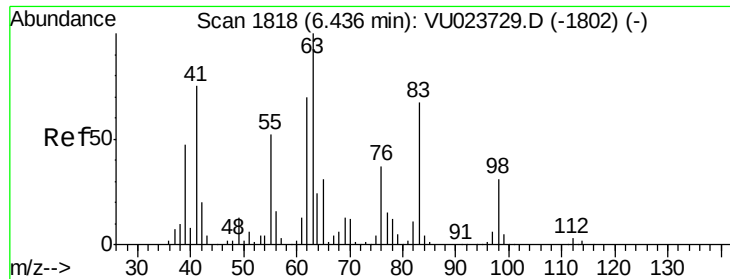


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

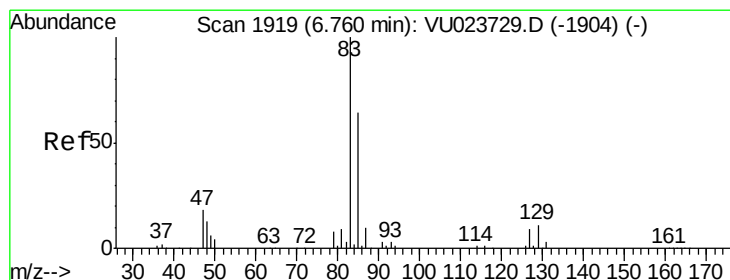
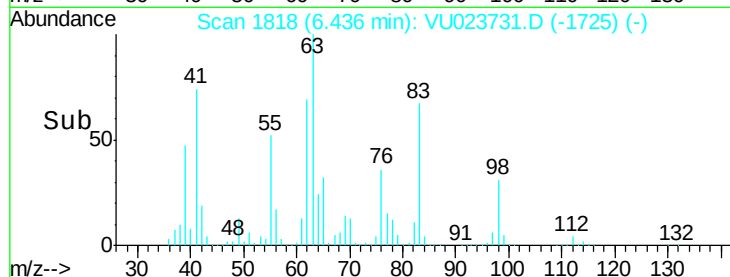
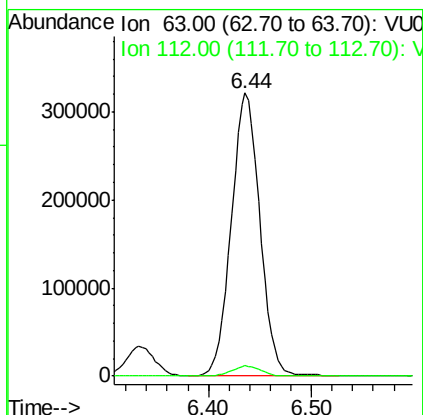
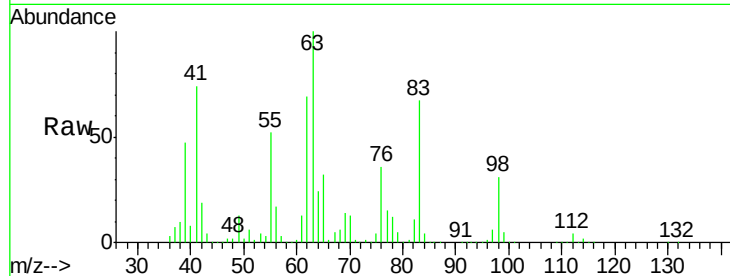
Ion 98.00 (97.70 to 98.70): VU0





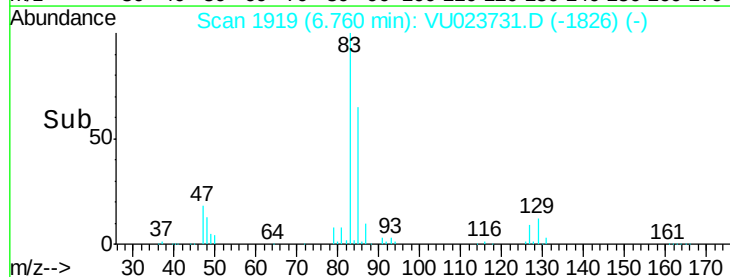
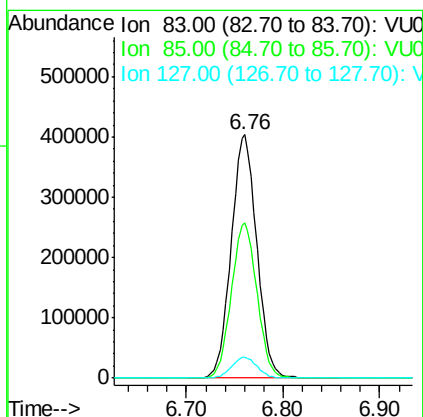
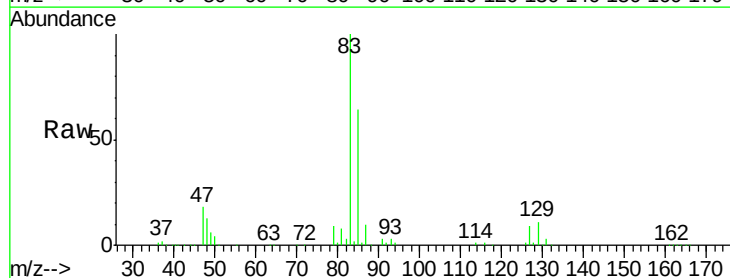
#37
 1,2-Dichloropropane
 Concen: 178.58 ug/L
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU023731.D
 Acq: 08 May 2018 12:31

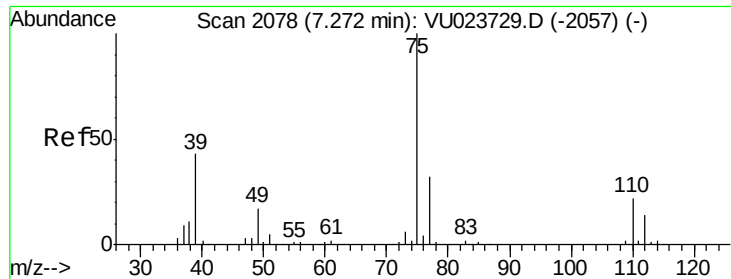
Tgt Ion: 63 Resp: 619134
 Ion Ratio Lower Upper
 63 100
 112 3.6 2.8 4.2



#38
 Bromodichloromethane
 Concen: 188.30 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU023731.D
 Acq: 08 May 2018 12:31

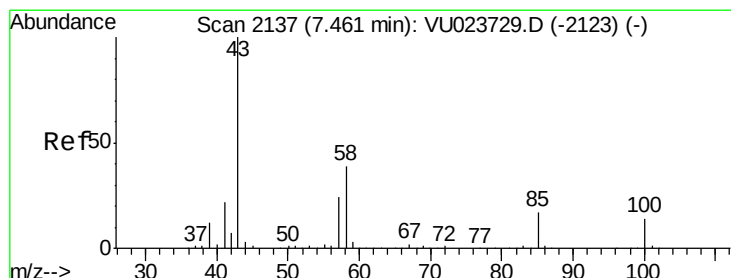
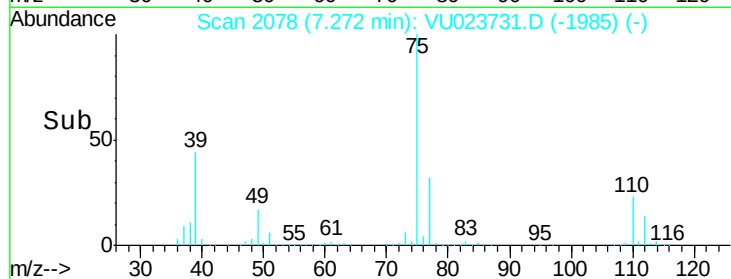
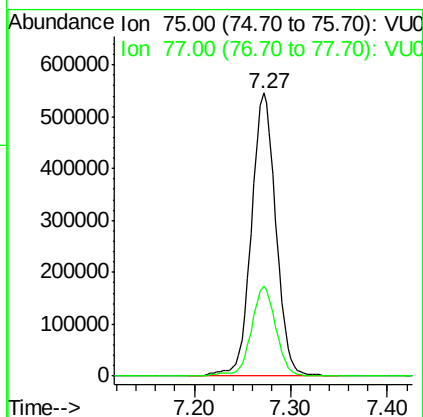
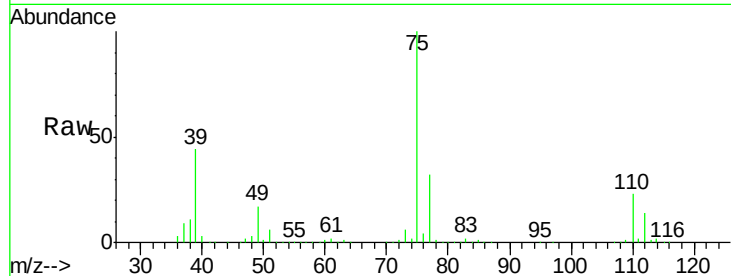
Tgt Ion: 83 Resp: 738093
 Ion Ratio Lower Upper
 83 100
 85 63.8 44.4 82.4
 127 8.7 6.9 10.3





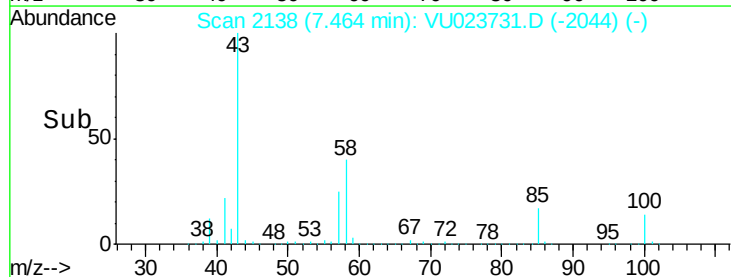
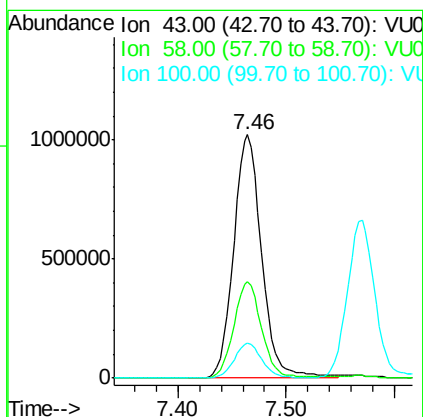
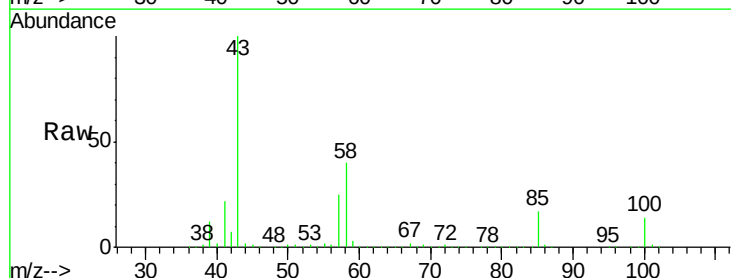
#39
 cis-1,3-Dichloropropene
 Concen: 201.13 ug/L
 RT: 7.27 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VU023731.D
 Acq: 08 May 2018 12:31

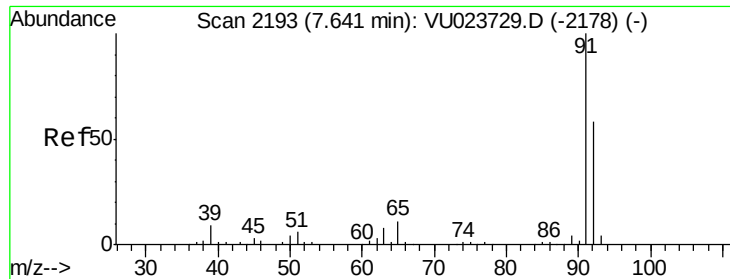
Tgt Ion: 75 Resp: 960729
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 431.14 ug/L
 RT: 7.46 min Scan# 2138
 Delta R.T. 0.00 min
 Lab File: VU023731.D
 Acq: 08 May 2018 12:31

Tgt Ion: 43 Resp: 1848858
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.3 46.9
 100 14.2 11.2 16.8





#42

Toluene

Concen: 186.16 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023731.D

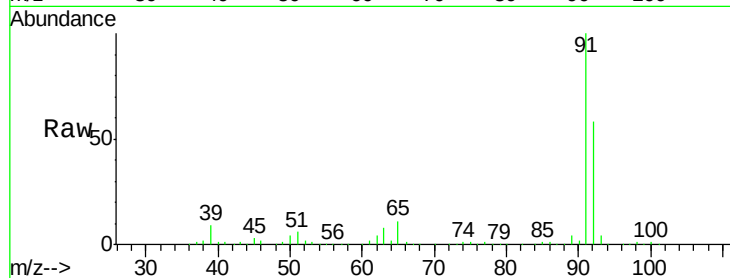
Acq: 08 May 2018 12:31

Tgt Ion: 91 Resp: 2326169

Ion Ratio Lower Upper

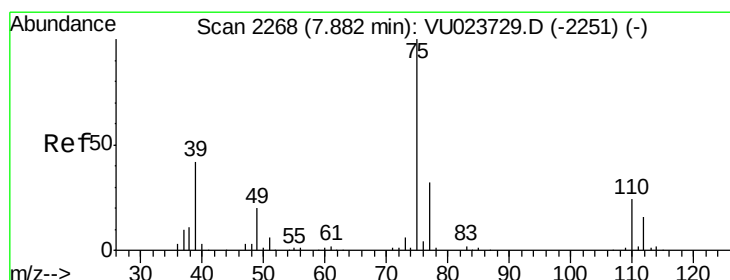
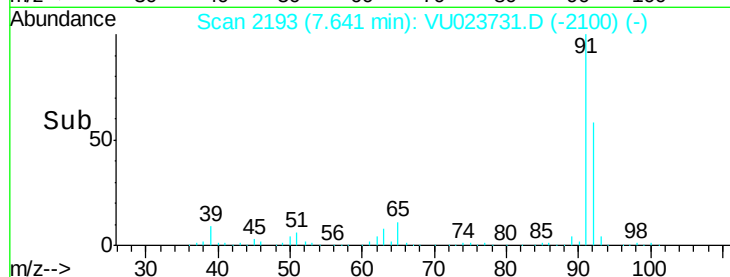
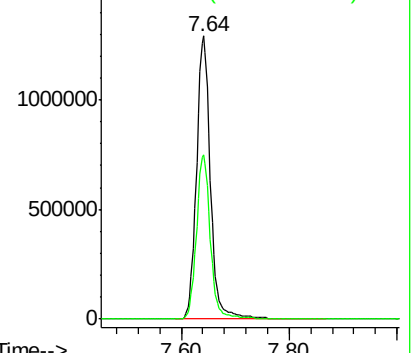
91 100

92 58.2 40.9 76.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 206.52 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU023731.D

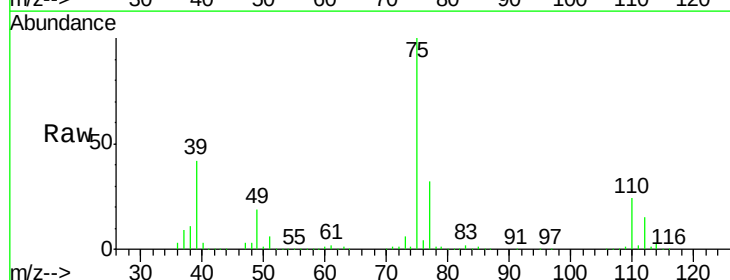
Acq: 08 May 2018 12:31

Tgt Ion: 75 Resp: 878870

Ion Ratio Lower Upper

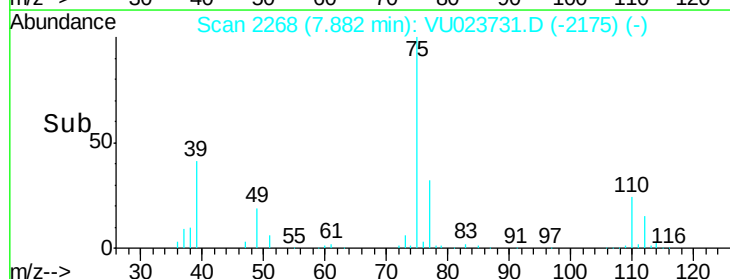
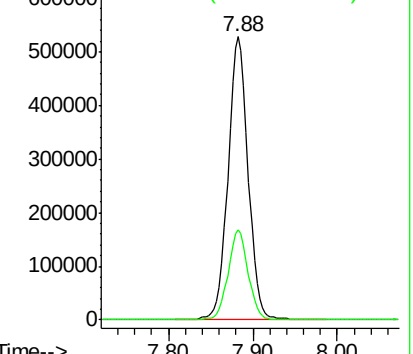
75 100

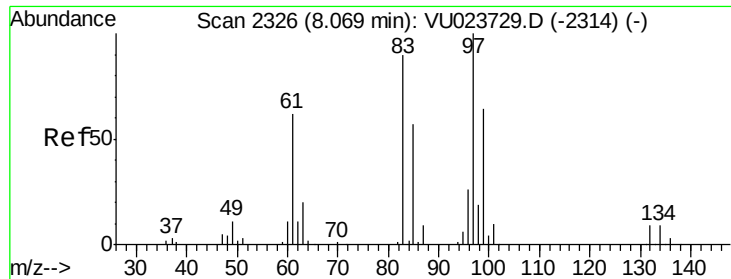
77 31.7 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

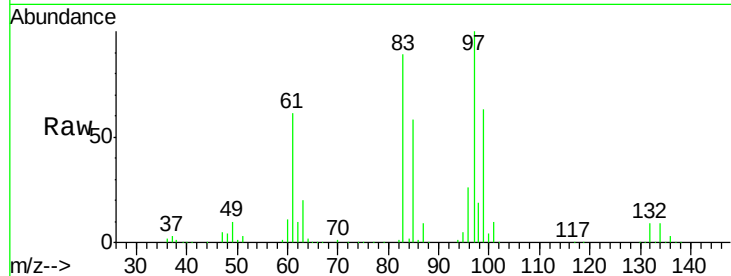
Ion 77.00 (76.70 to 77.70): VU0





#45
 1,1,2-Trichloroethane
 Concen: 184.02 ug/L
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU023731.D
 Acq: 08 May 2018 12:31

Tgt Ion:	97	Resp:	545108
Ion	Ratio	Lower	Upper
97	100		
99	62.9	45.0	83.6
83	89.1	63.1	117.3
85	58.0	40.2	74.6

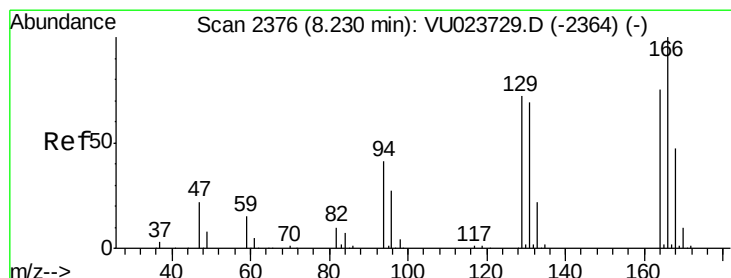
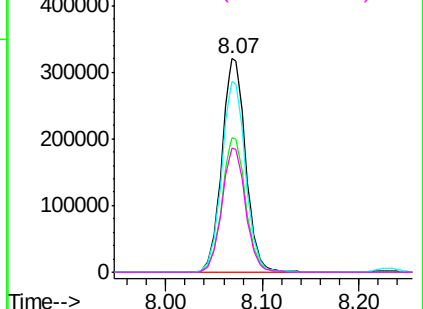
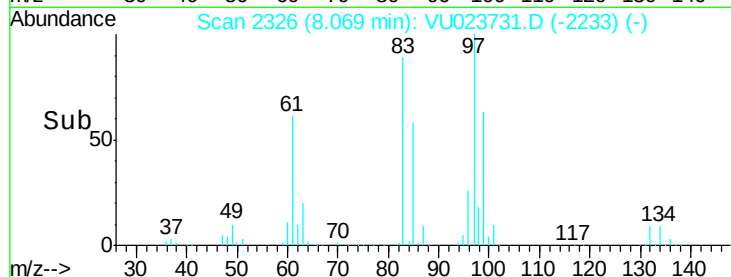


Abundance Ion 97.00 (96.70 to 97.70): VU023731.D (-2233) (-)

Ion 99.00 (98.70 to 99.70): VU023731.D (-2233) (-)

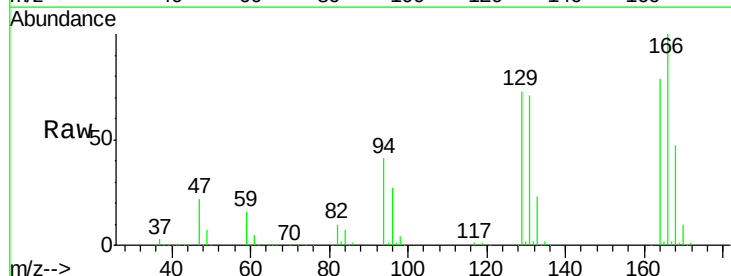
Ion 83.00 (82.70 to 83.70): VU023731.D (-2233) (-)

Ion 85.00 (84.70 to 85.70): VU023731.D (-2233) (-)



#46
 Tetrachloroethene
 Concen: 182.80 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU023731.D
 Acq: 08 May 2018 12:31

Tgt Ion:	164	Resp:	460010
Ion	Ratio	Lower	Upper
164	100		
129	92.8	66.9	124.3
131	89.9	63.6	118.0
166	127.4	93.0	172.6

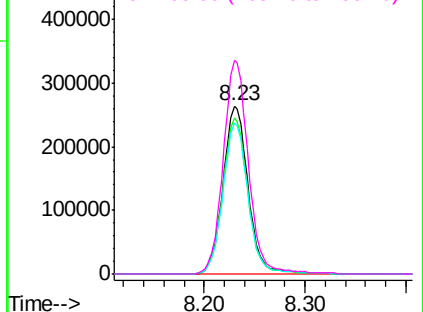
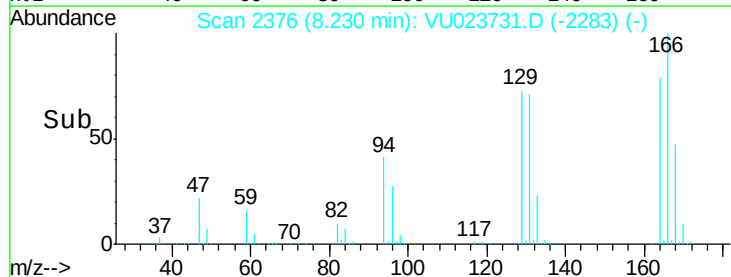


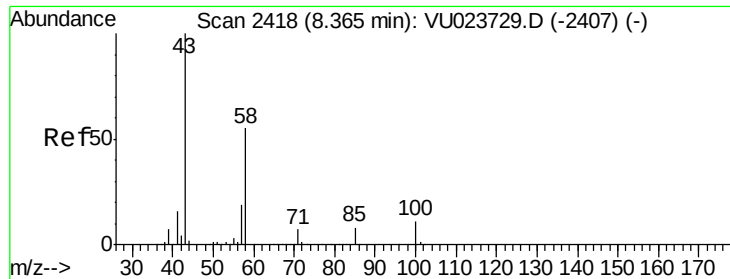
Abundance Ion 164.00 (163.70 to 164.70): VU023731.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU023731.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU023731.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU023731.D (-2283) (-)





#48

2-Hexanone

Concen: 416.18 ug/L

RT: 8.36 min Scan# 2418

Delta R.T. -0.00 min

Lab File: VU023731.D

Acq: 08 May 2018 12:31

Tgt Ion: 43 Resp: 1542384

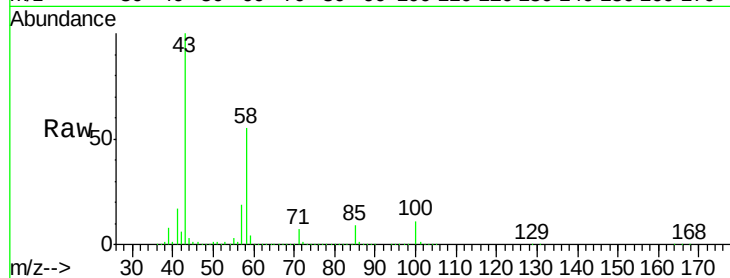
Ion Ratio Lower Upper

43 100

58 56.2 43.4 65.0

57 19.3 15.0 22.4

100 11.3 8.7 13.1

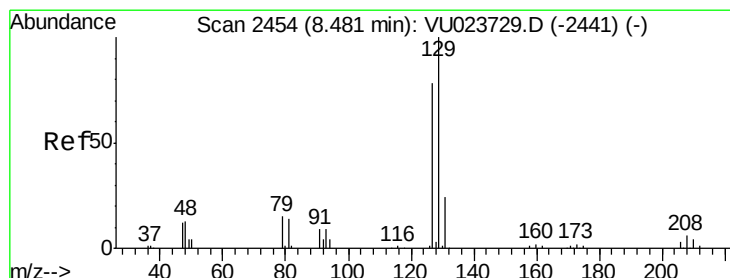
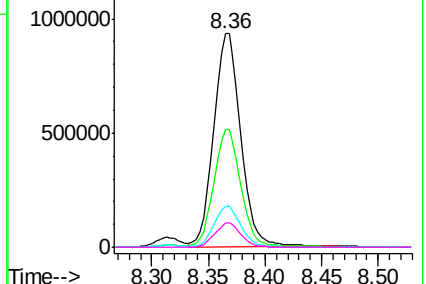
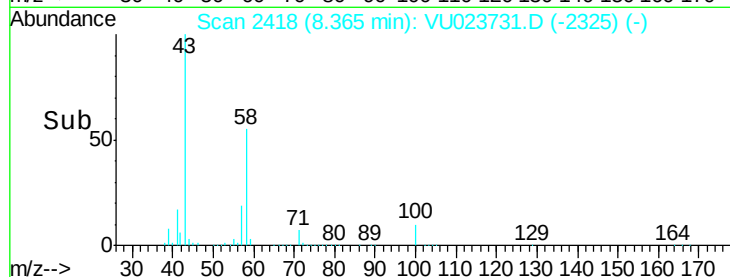


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 199.74 ug/L

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU023731.D

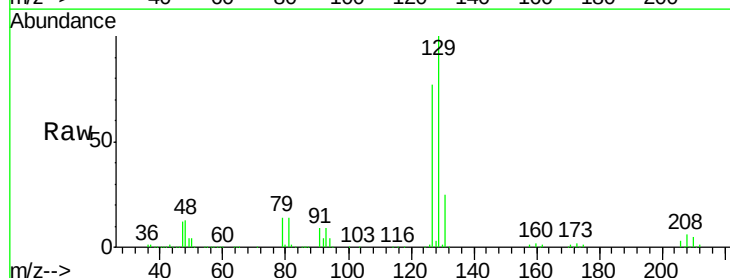
Acq: 08 May 2018 12:31

Tgt Ion: 129 Resp: 622452

Ion Ratio Lower Upper

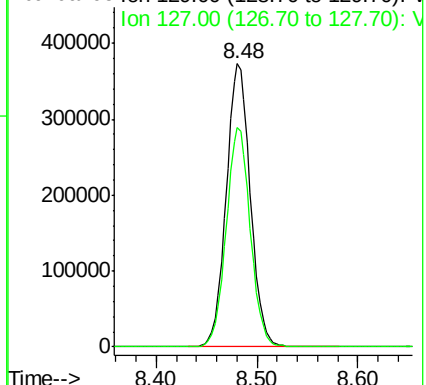
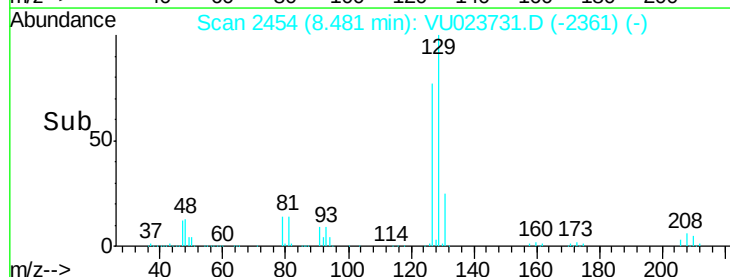
129 100

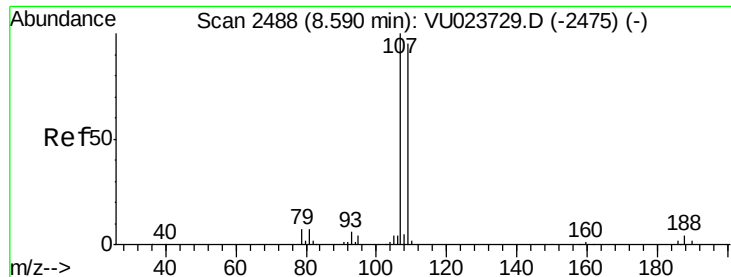
127 77.5 54.8 101.8



Abundance Ion 129.00 (128.70 to 129.70): V

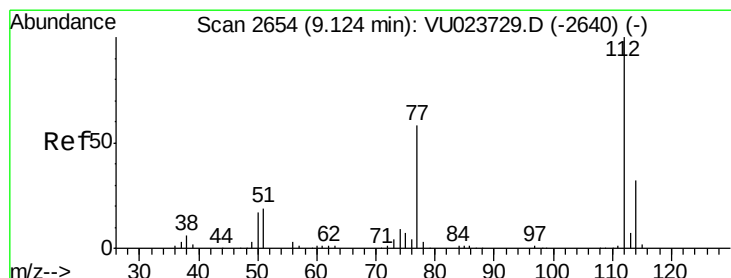
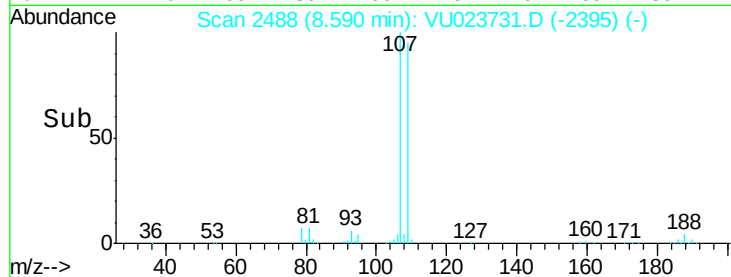
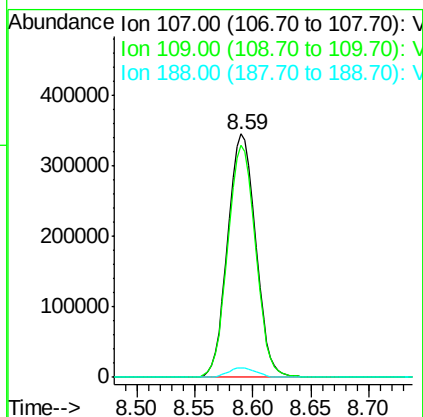
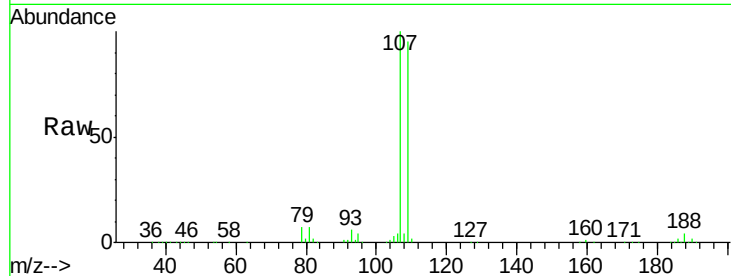
Ion 127.00 (126.70 to 127.70): V





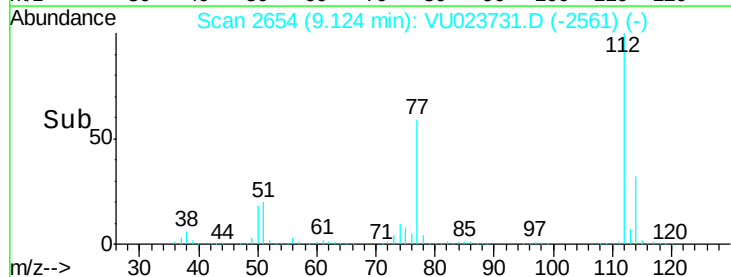
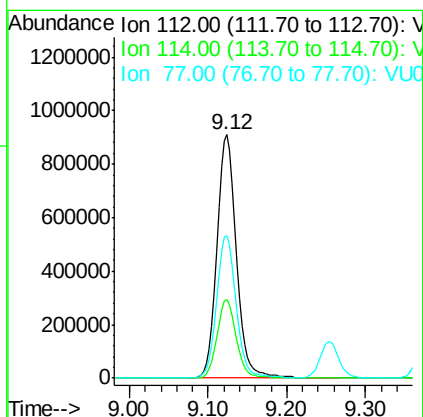
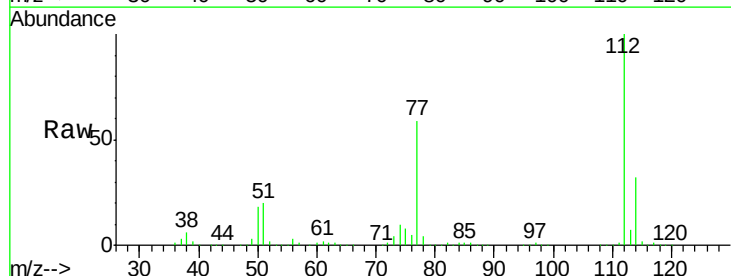
#50
 1,2-Dibromoethane
 Concen: 192.06 ug/L
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU023731.D
 Acq: 08 May 2018 12:31

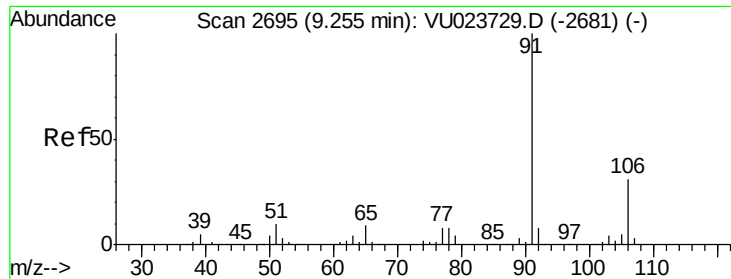
Tgt Ion:107 Resp: 577551
 Ion Ratio Lower Upper
 107 100
 109 95.3 66.4 123.2
 188 3.9 3.1 4.7



#51
 Chlorobenzene
 Concen: 184.98 ug/L
 RT: 9.12 min Scan# 2654
 Delta R.T. -0.00 min
 Lab File: VU023731.D
 Acq: 08 May 2018 12:31

Tgt Ion:112 Resp: 1548889
 Ion Ratio Lower Upper
 112 100
 114 32.4 22.6 42.0
 77 58.7 46.9 70.3





#52

Ethylbenzene

Concen: 193.68 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. -0.00 min

Lab File: VU023731.D

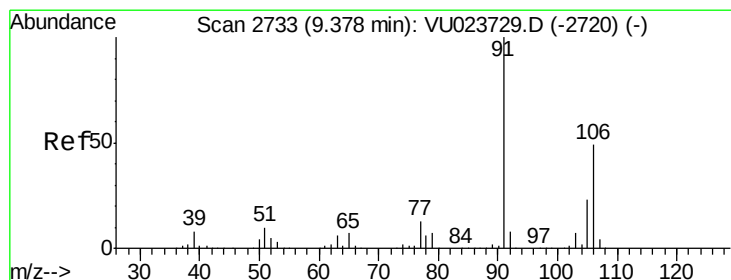
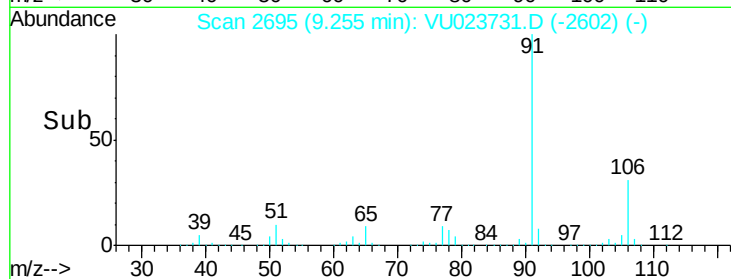
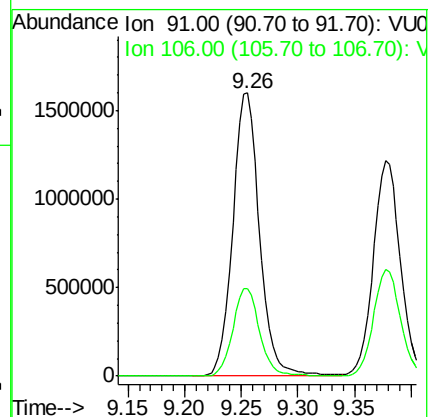
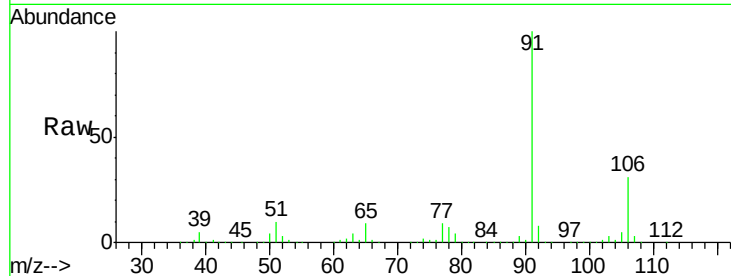
Acq: 08 May 2018 12:31

Tgt Ion: 91 Resp: 2632417

Ion Ratio Lower Upper

91 100

106 31.0 21.8 40.4



#53

m,p-Xylene

Concen: 195.40 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023731.D

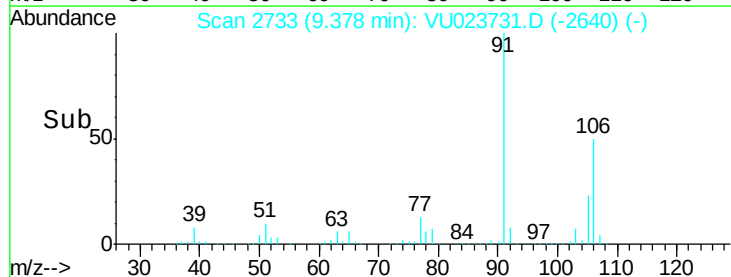
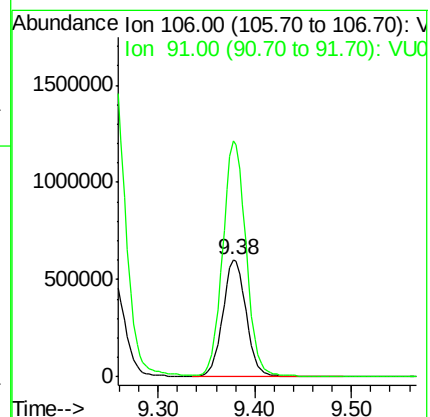
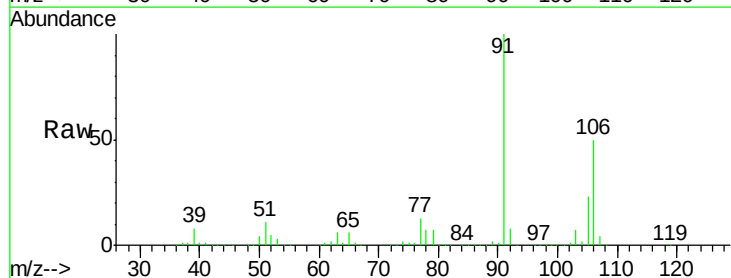
Acq: 08 May 2018 12:31

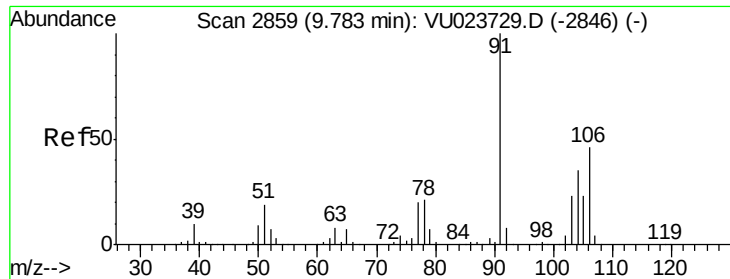
Tgt Ion: 106 Resp: 1010250

Ion Ratio Lower Upper

106 100

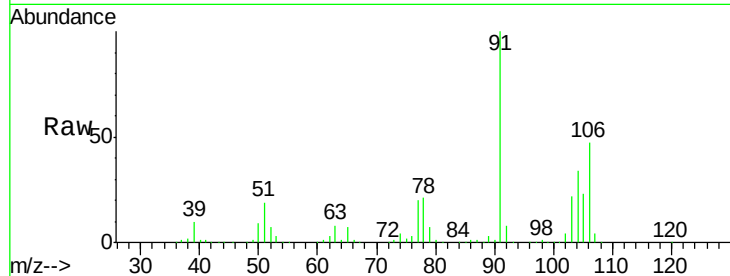
91 201.7 142.2 264.2



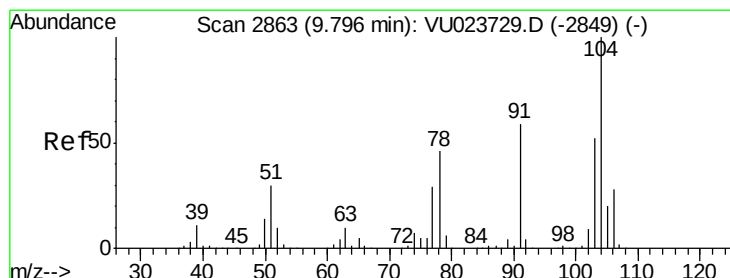
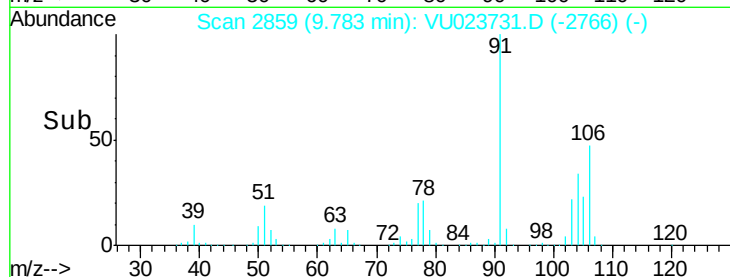
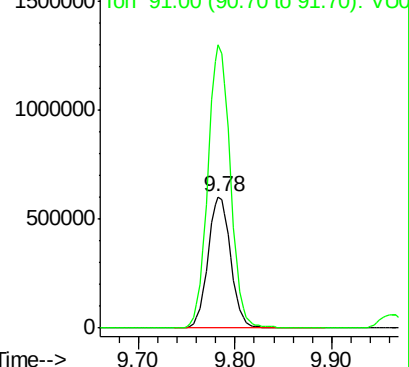


#54
o-xylene
Concen: 199.08 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023731.D
Acq: 08 May 2018 12:31

Tgt Ion:106 Resp: 979276
Ion Ratio Lower Upper
106 100
91 215.0 152.6 283.4

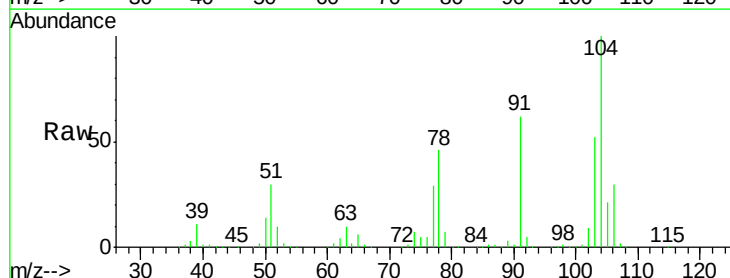


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

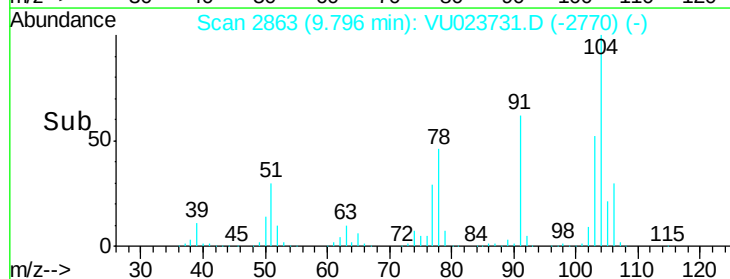
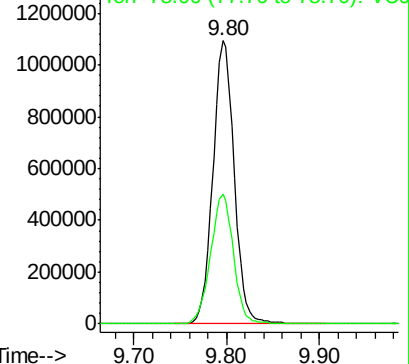


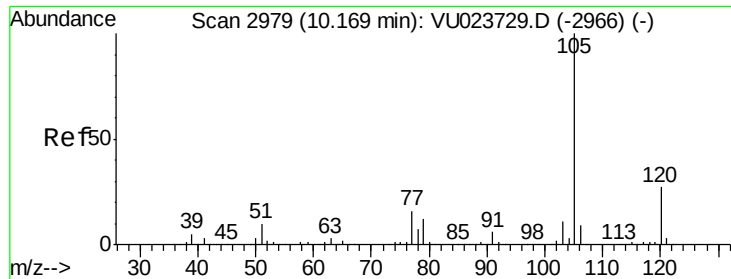
#55
Styrene
Concen: 202.47 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023731.D
Acq: 08 May 2018 12:31

Tgt Ion:104 Resp: 1741888
Ion Ratio Lower Upper
104 100
78 46.1 32.1 59.5



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





#56

Isopropylbenzene

Concen: 200.56 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023731.D

Acq: 08 May 2018 12:31

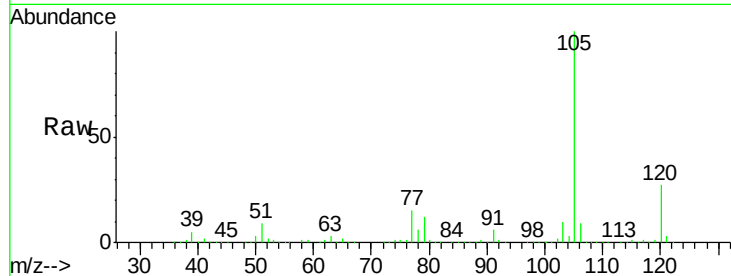
Tgt Ion: 105 Resp: 2598121

Ion Ratio Lower Upper

105 100

120 26.6 21.3 31.9

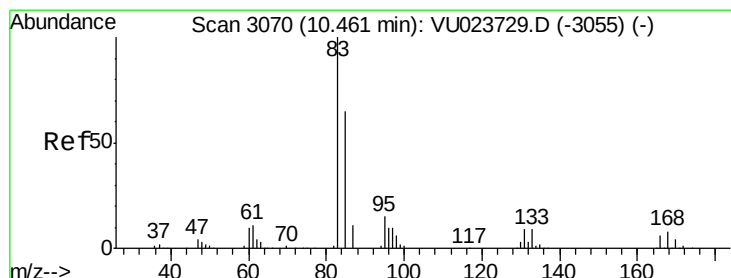
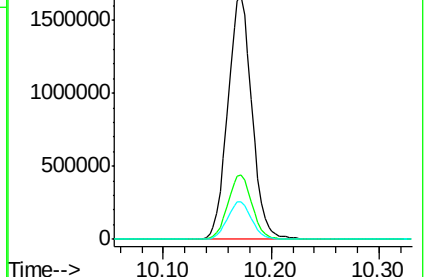
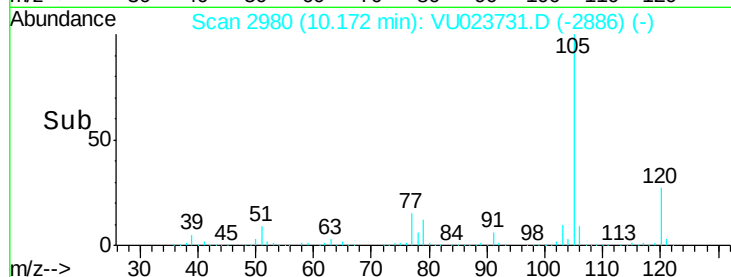
77 15.5 12.3 18.5



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: 202.06 ug/L

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU023731.D

Acq: 08 May 2018 12:31

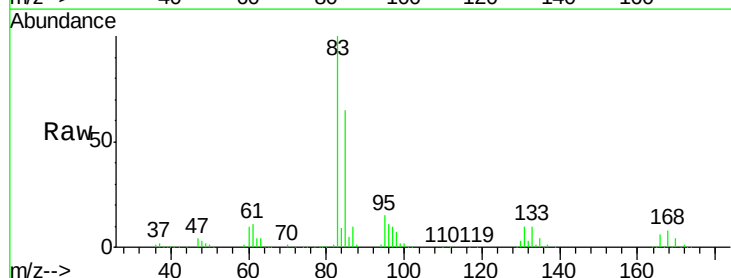
Tgt Ion: 83 Resp: 988055

Ion Ratio Lower Upper

83 100

85 64.9 45.5 84.5

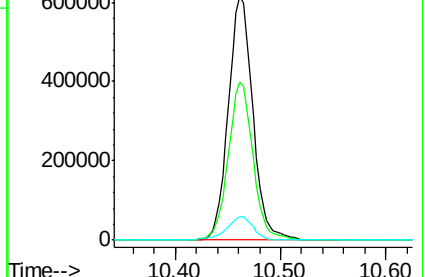
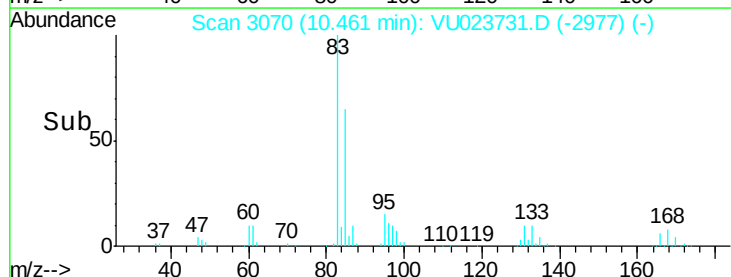
131 9.5 7.6 11.4

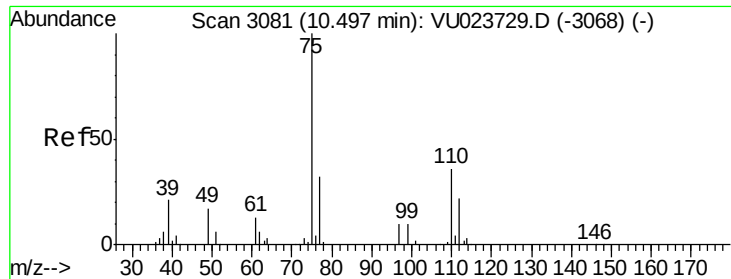


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

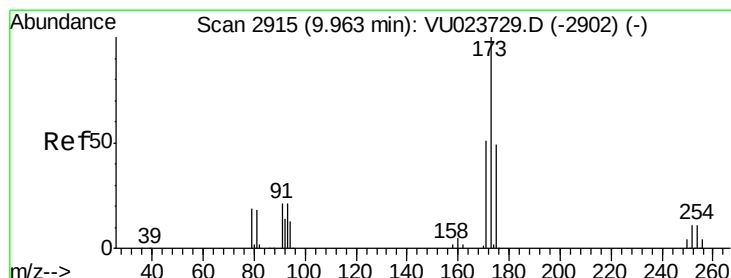
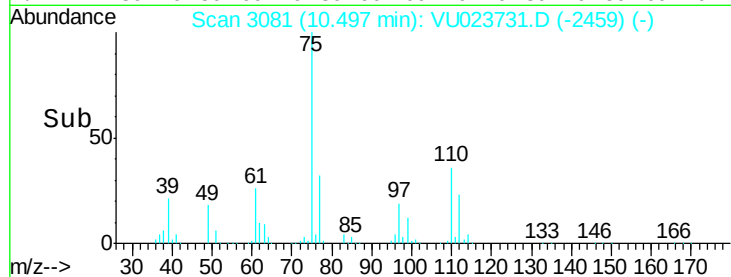
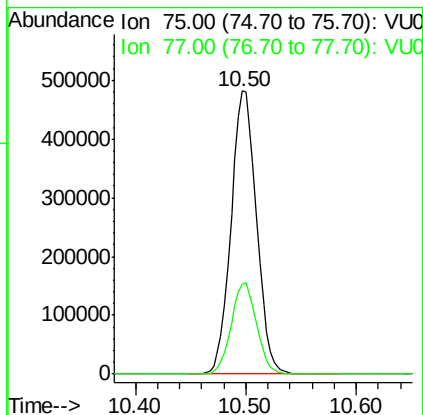
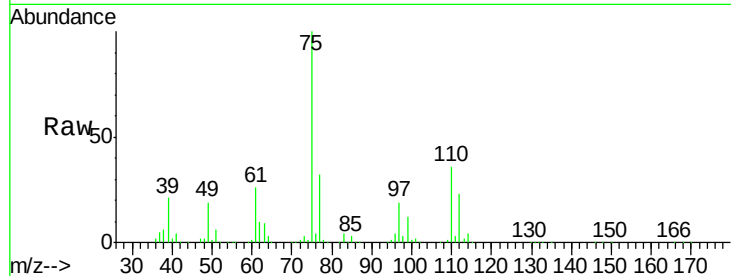
Ion 131.00 (130.70 to 131.70): V





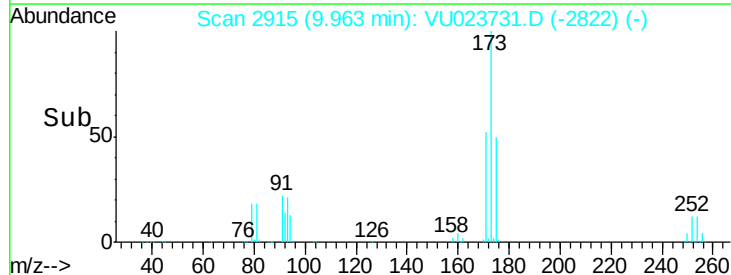
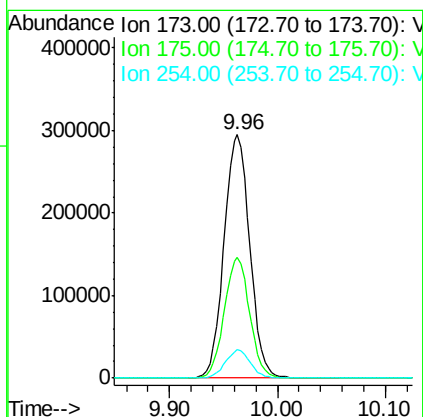
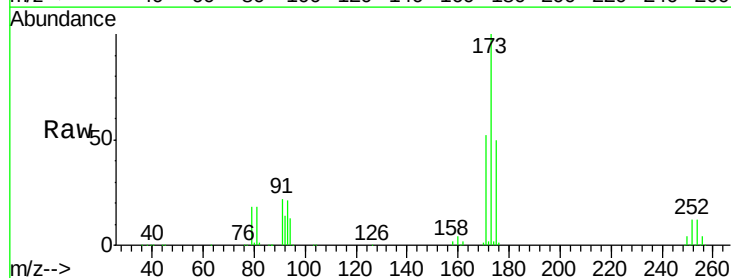
#59
 1,2,3-Trichloropropane
 Concen: 198.72 ug/L
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU023731.D
 Acq: 08 May 2018 12:31

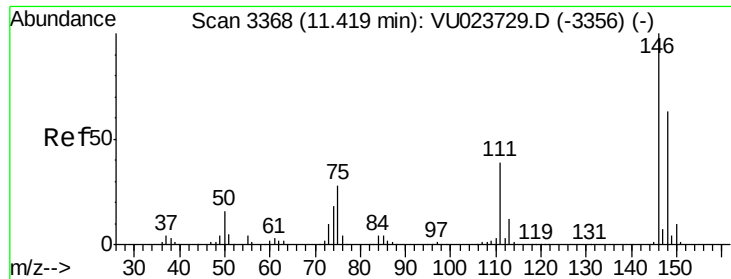
Tgt Ion: 75 Resp: 771444
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.6 38.4



#61
 Bromoform
 Concen: 201.15 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU023731.D
 Acq: 08 May 2018 12:31

Tgt Ion: 173 Resp: 489223
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.9 58.3
 254 11.3 8.6 13.0





#62

1,3-Dichlorobenzene

Concen: 190.01 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VU023731.D

Acq: 08 May 2018 12:31

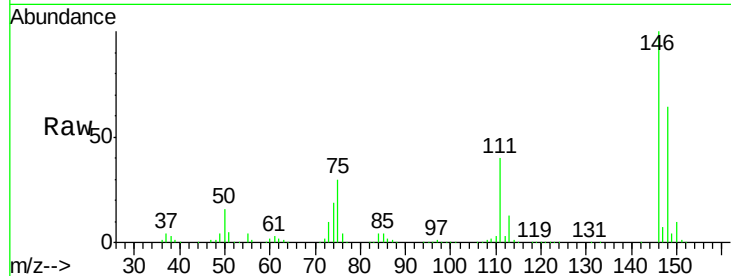
Tgt Ion:146 Resp: 1318685

Ion Ratio Lower Upper

146 100

111 39.9 27.5 51.1

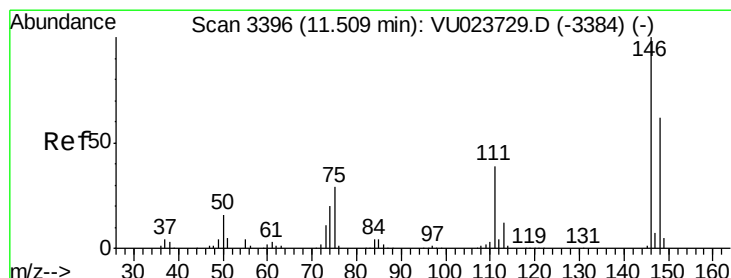
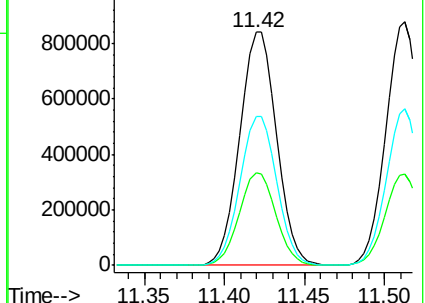
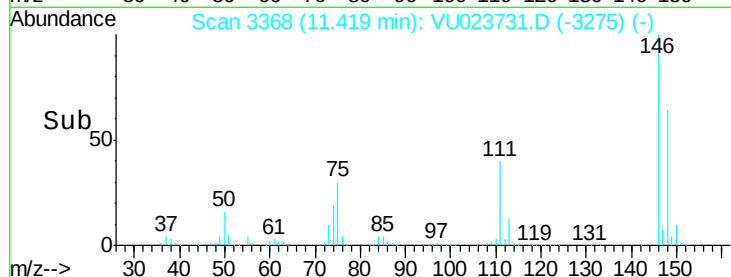
148 63.9 44.2 82.0



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: 186.82 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU023731.D

Acq: 08 May 2018 12:31

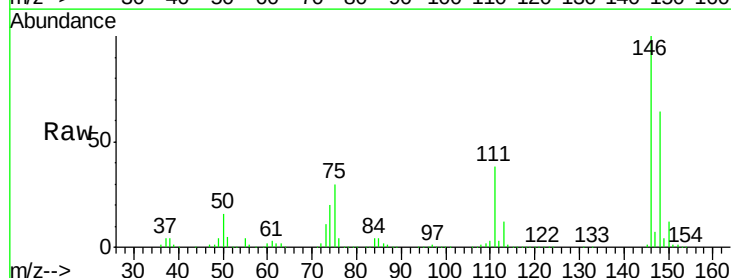
Tgt Ion:146 Resp: 1347960

Ion Ratio Lower Upper

146 100

111 37.6 27.3 50.7

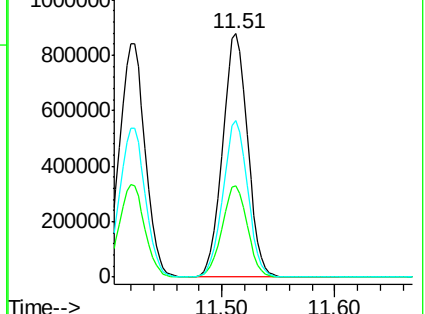
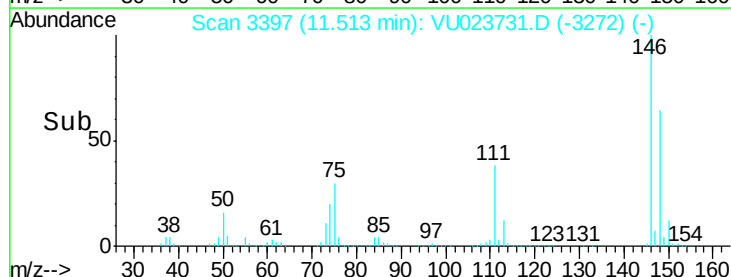
148 64.1 43.8 81.3

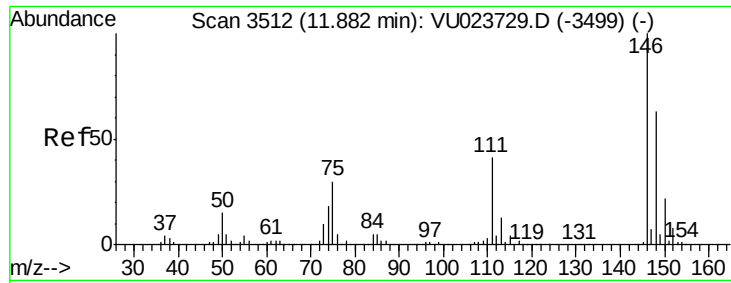


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

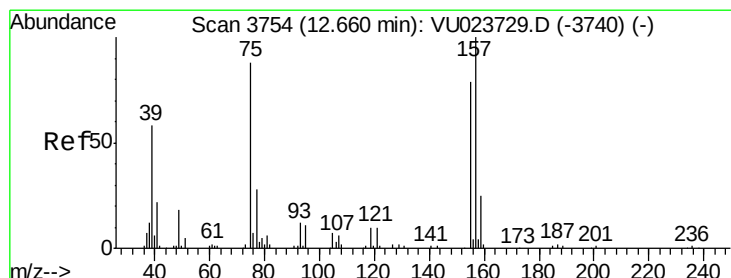
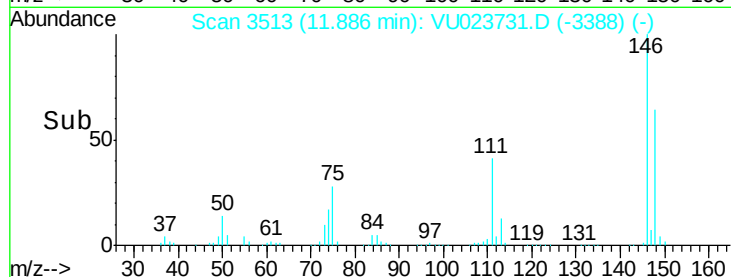
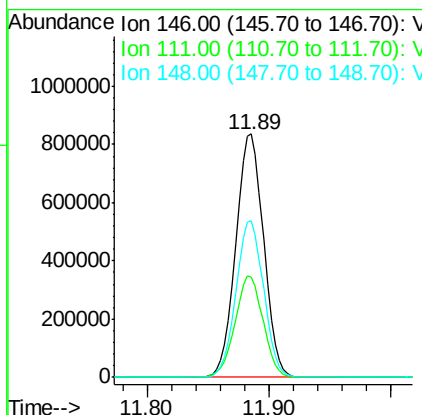
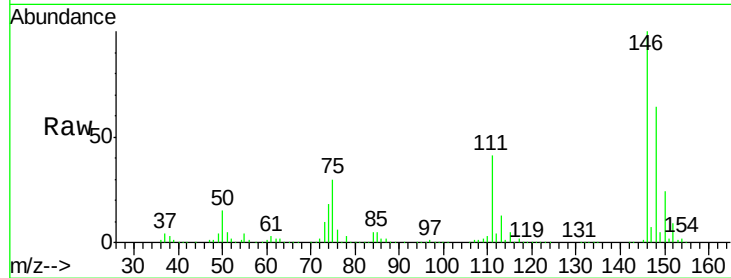
Ion 148.00 (147.70 to 148.70): V





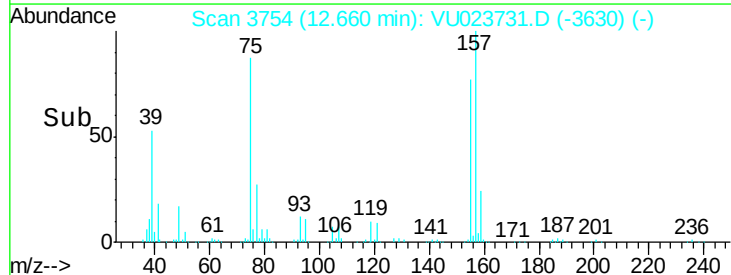
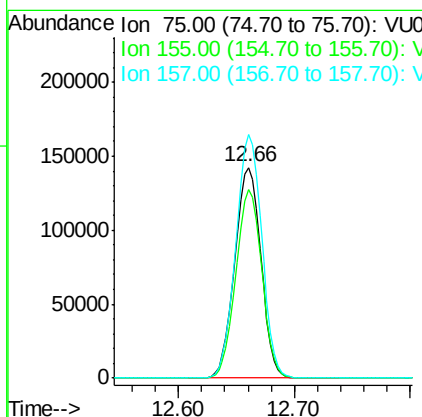
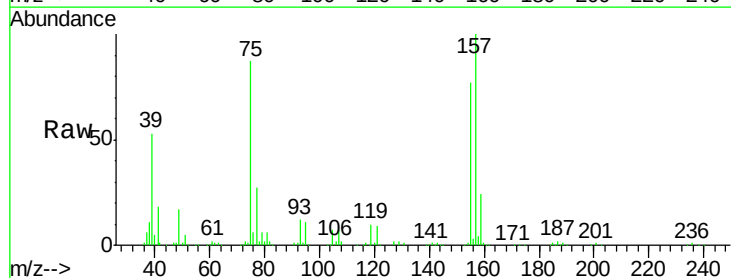
#65
 1,2-Dichlorobenzene
 Concen: 185.33 ug/L
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU023731.D
 Acq: 08 May 2018 12:31

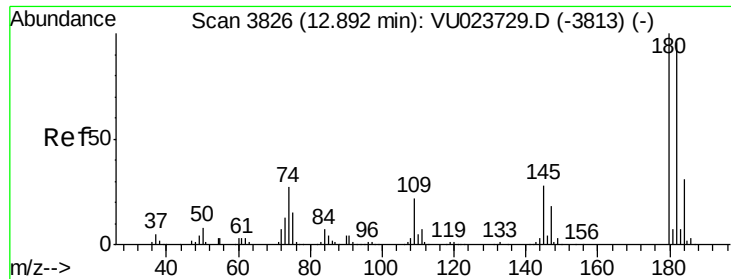
Tgt Ion:146 Resp: 1315541
 Ion Ratio Lower Upper
 146 100
 111 41.3 32.5 48.7
 148 64.1 50.3 75.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 212.35 ug/L
 RT: 12.66 min Scan# 3754
 Delta R.T. -0.00 min
 Lab File: VU023731.D
 Acq: 08 May 2018 12:31

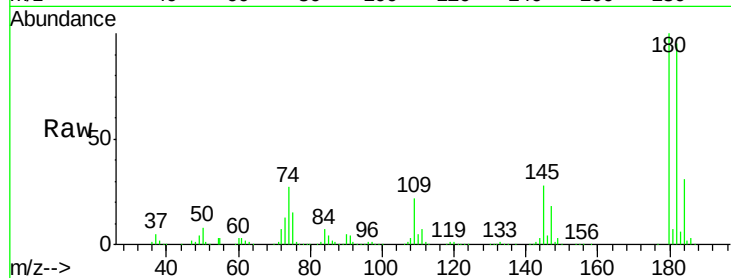
Tgt Ion: 75 Resp: 221457
 Ion Ratio Lower Upper
 75 100
 155 89.2 71.7 107.5
 157 115.4 90.6 136.0



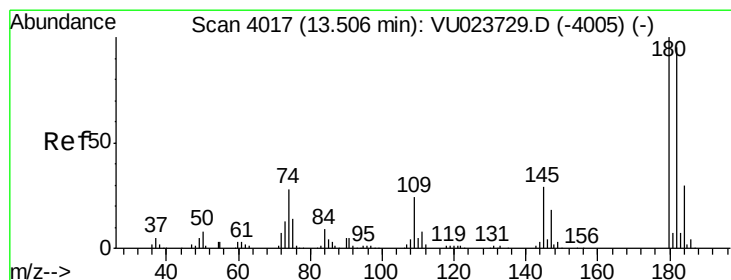
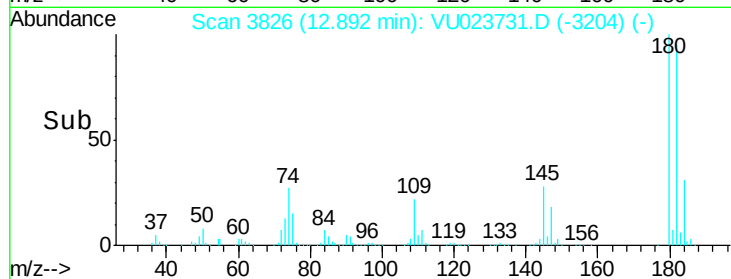
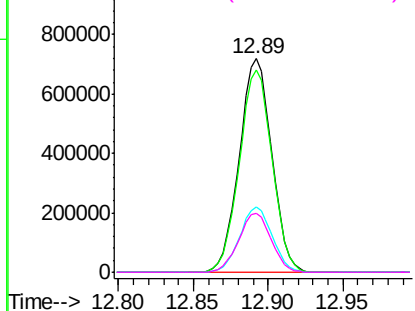


#67
 1,3,5-Trichlorobenzene
 Concen: 187.86 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU023731.D
 Acq: 08 May 2018 12:31

Tgt Ion:180 Resp: 1085520
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.7 115.1
 184 30.6 24.6 36.8
 145 27.7 22.2 33.4

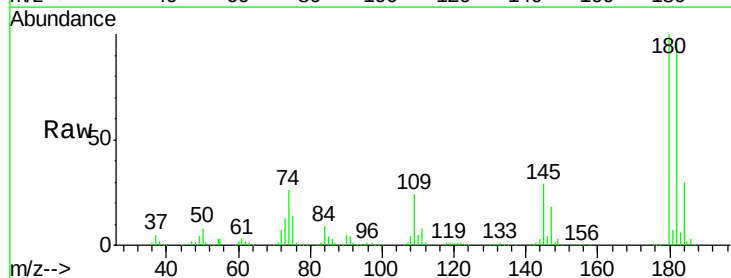


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

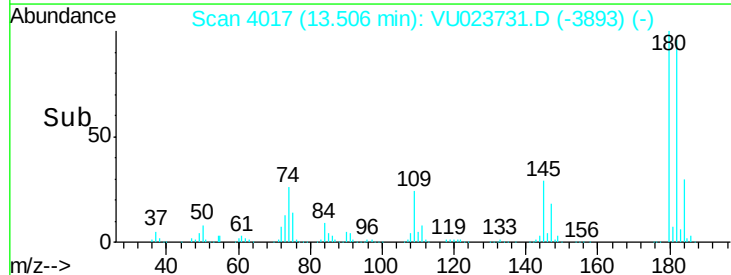
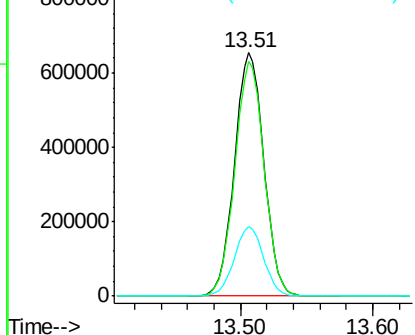


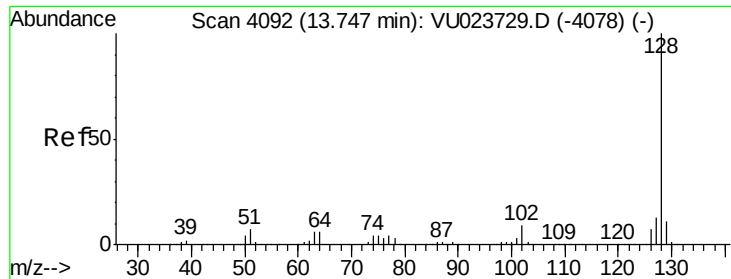
#68
 1,2,4-trichlorobenzene
 Concen: 204.25 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU023731.D
 Acq: 08 May 2018 12:31

Tgt Ion:180 Resp: 1003670
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.6 115.0
 145 28.4 22.7 34.1



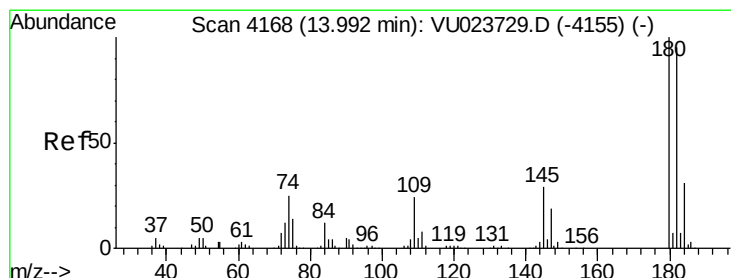
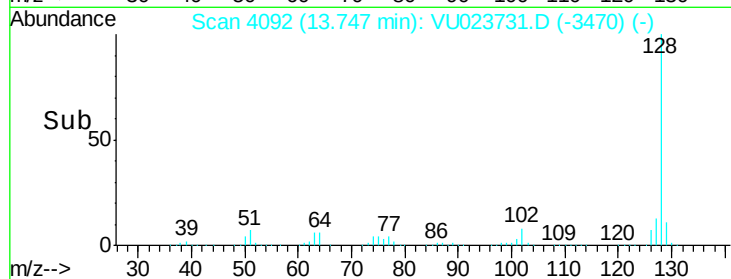
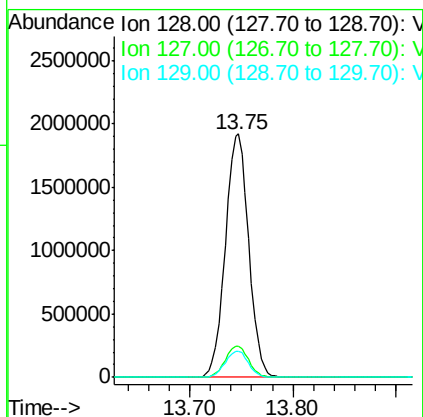
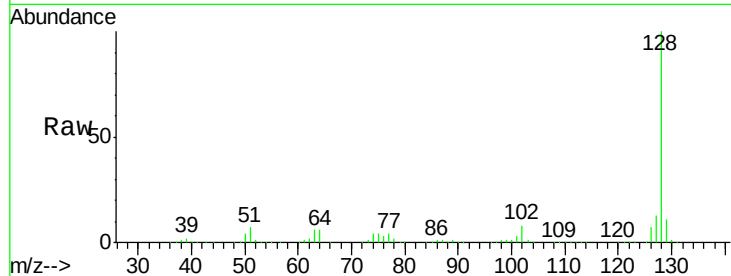
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 234.12 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023731.D
Acq: 08 May 2018 12:31

Tgt Ion:128 Resp: 3023757
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 198.09 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU023731.D
Acq: 08 May 2018 12:31

Tgt Ion:180 Resp: 990955
Ion Ratio Lower Upper
180 100
182 96.1 75.8 113.6
145 30.3 23.6 35.4

