

Data File : VU023730.D
Acq On : 08 May 2018 12:05
Operator : MD/SY
Sample : VSTD10056
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 09 01:37:40 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	344829	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	329737	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	176778	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	273964	111.31	ug/L	0.00
7) Chloroethane-d5	1.67	69	208059	110.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	502797	106.13	ug/L	0.00
21) 2-Butanone-d5	4.18	46	427479	248.95	ug/L	0.00
24) Chloroform-d	4.65	84	468393	115.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	299236	107.32	ug/L	0.00
32) Benzene-d6	5.35	84	994412	112.38	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	323169	109.33	ug/L	0.00
41) Toluene-d8	7.57	98	935144	114.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	149021	117.49	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	313700	270.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	435568	112.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	375223	108.47	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	302258	84.12	ug/L	99
3) Chloromethane	1.33	50	282248	75.03	ug/L	99
5) Vinyl chloride	1.40	62	315991	86.53	ug/L	96
6) Bromomethane	1.62	94	131904	70.95	ug/L	97
8) Chloroethane	1.69	64	185910	83.60	ug/L	99
9) Trichlorofluoromethane	1.89	101	367845	88.57	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	241031	92.04	ug/L	100
12) 1,1-Dichloroethene	2.28	96	226200	92.02	ug/L	94
13) Acetone	2.32	43	394645	162.46	ug/L	100
14) Carbon disulfide	2.48	76	727043	86.56	ug/L	99
15) Methyl Acetate	2.62	43	329122	99.75	ug/L	100
16) Methylene chloride	2.70	84	272421	88.83	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	247558	91.90	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	796063	99.16	ug/L	99
19) 1,1-Dichloroethane	3.45	63	486251	91.00	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	283797	94.47	ug/L	99
22) 2-Butanone	4.26	43	514993	188.05	ug/L	99
23) Bromochloromethane	4.55	128	140306	92.75	ug/L	95
25) Chloroform	4.68	83	475650	87.35	ug/L	100
27) 1,2-Dichloroethane	5.41	62	372143	91.57	ug/L	98
29) Cyclohexane	5.00	56	455466	95.99	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	383119	93.06	ug/L	99
31) Carbon tetrachloride	5.14	117	338826	94.73	ug/L	100
33) Benzene	5.39	78	1072986	94.25	ug/L	100
34) Trichloroethene	6.19	95	270536	92.12	ug/L	99
35) Methylcyclohexane	6.42	83	431668	95.00	ug/L	99
37) 1,2-Dichloropropane	6.44	63	306591	93.47	ug/L	99
38) Bromodichloromethane	6.76	83	353983	95.45	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	451971	100.01	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	863952	212.93	ug/L	99

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Sample : VSTD10056
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

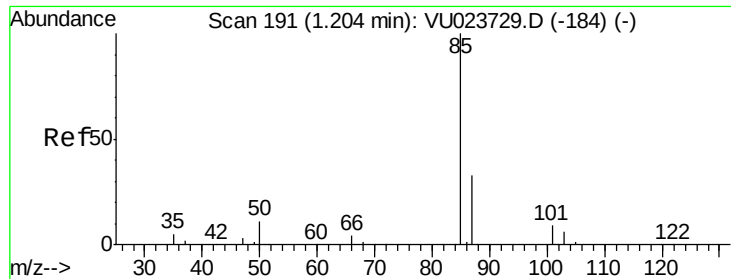
Quant Time: May 09 01:37:40 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 09 01:35:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	1141208	96.53	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	409240	101.64	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	264657	94.43	ug/L	100
46) Tetrachloroethene	8.23	164	224099	94.12	ug/L	97
48) 2-Hexanone	8.36	43	732180	208.81	ug/L	100
49) Dibromochloromethane	8.48	129	292223	99.11	ug/L	99
50) 1,2-Dibromoethane	8.59	107	277658	97.59	ug/L	99
51) Chlorobenzene	9.12	112	744283	93.95	ug/L	100
52) Ethylbenzene	9.26	91	1263835	98.28	ug/L	100
53) m,p-Xylene	9.38	106	485297	99.21	ug/L	98
54) o-xylene	9.78	106	473603	101.76	ug/L	96
55) Styrene	9.80	104	826235	101.50	ug/L	99
56) Isopropylbenzene	10.17	105	1242837	101.40	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	458473	99.09	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	362652	98.74	ug/L	99
61) Bromoform	9.96	173	222694	100.59	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	605232	95.80	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	617101	93.96	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	613669	94.97	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	100948	106.34	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	499803	95.02	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	451724	100.99	ug/L	100
69) Naphthalene	13.75	128	1376301	117.07	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	460623	101.15	ug/L	99

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

ALS Vial : 6 Sample Multiplier: 1

Response via : Initial Calibration



#2

Dichlorodifluoromethane

Concen: 84.12 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023730.D

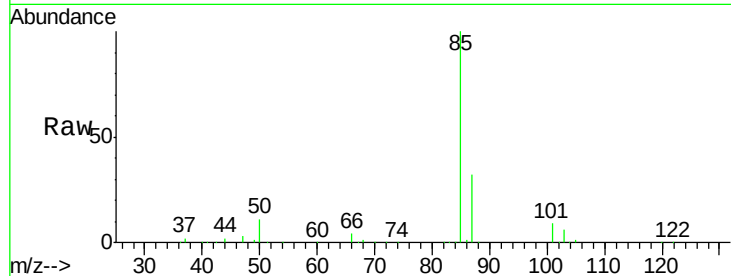
Acq: 08 May 2018 12:05

Tgt Ion: 85 Resp: 302258

Ion Ratio Lower Upper

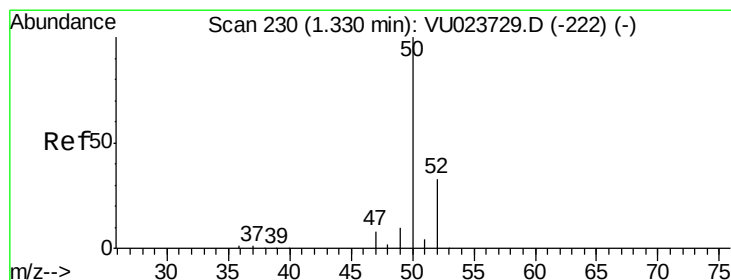
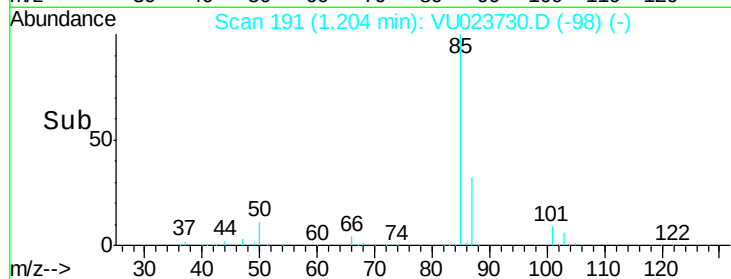
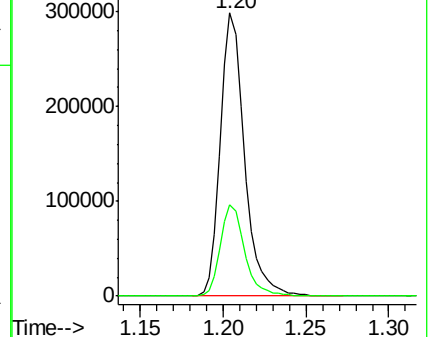
85 100

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: 75.03 ug/L

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU023730.D

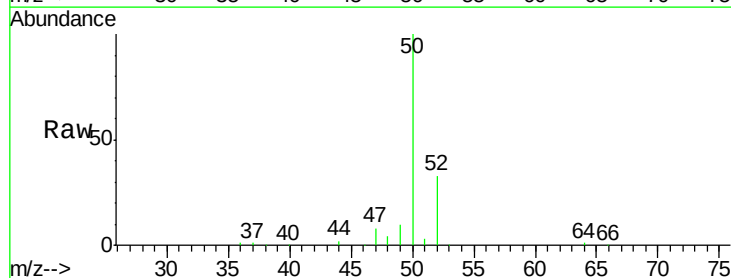
Acq: 08 May 2018 12:05

Tgt Ion: 50 Resp: 282248

Ion Ratio Lower Upper

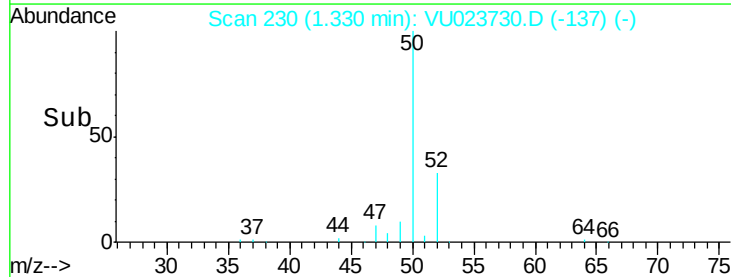
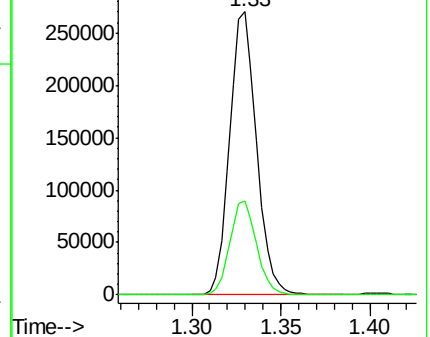
50 100

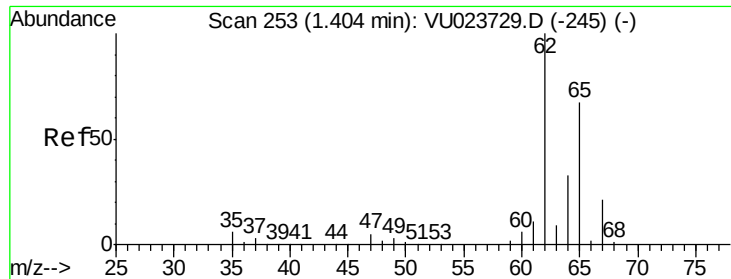
52 33.3 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 86.53 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023730.D

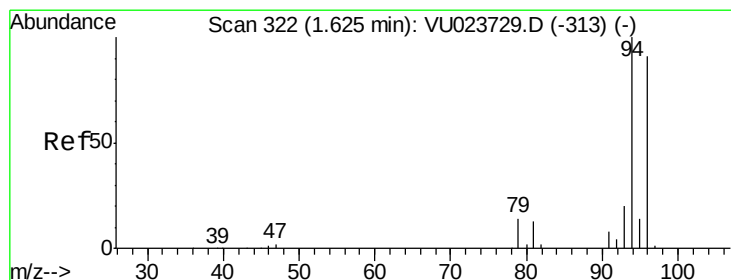
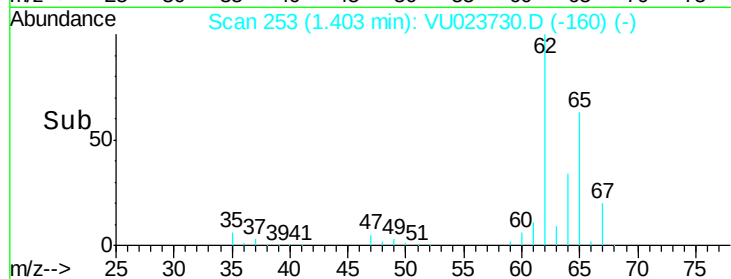
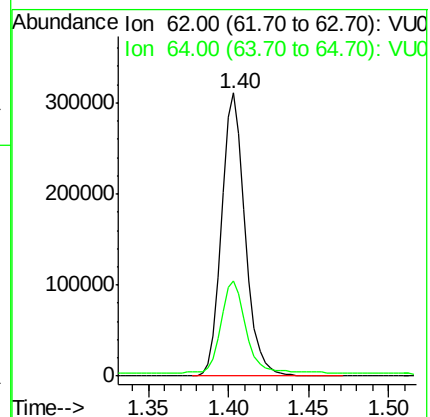
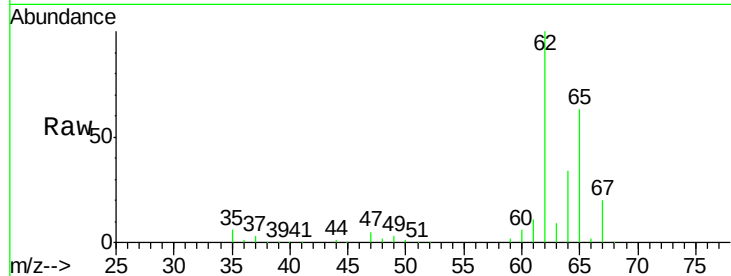
Acq: 08 May 2018 12:05

Tgt Ion: 62 Resp: 315991

Ion Ratio Lower Upper

62 100

64 33.9 25.2 46.8



#6

Bromomethane

Concen: 70.95 ug/L

RT: 1.62 min Scan# 320

Delta R.T. -0.01 min

Lab File: VU023730.D

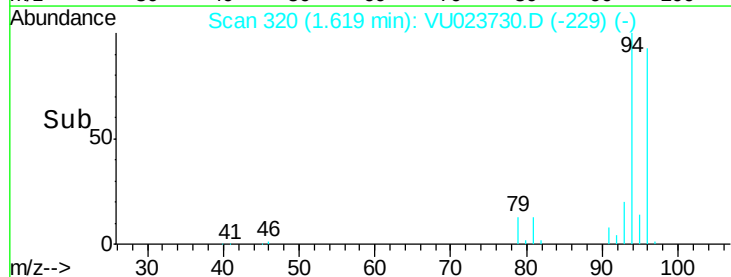
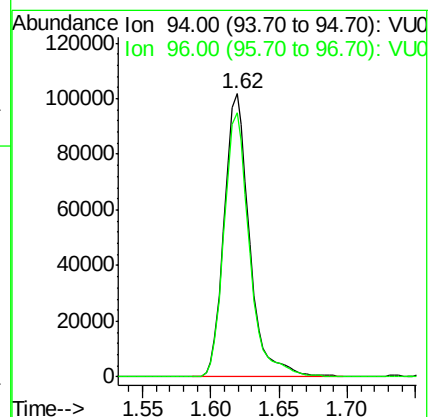
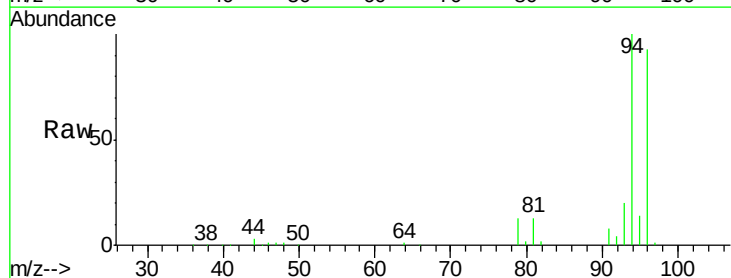
Acq: 08 May 2018 12:05

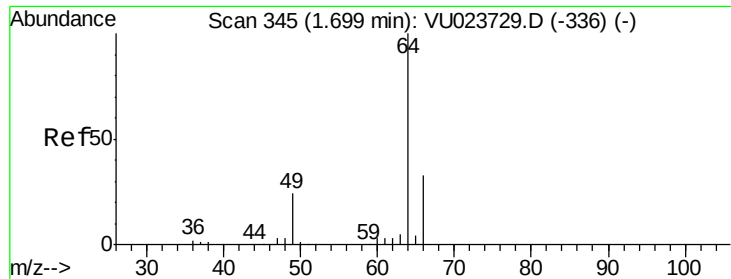
Tgt Ion: 94 Resp: 131904

Ion Ratio Lower Upper

94 100

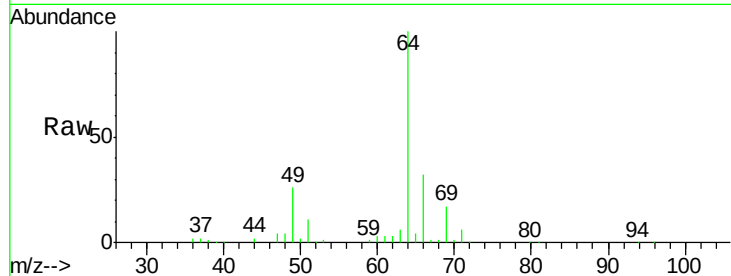
96 93.2 63.3 117.7



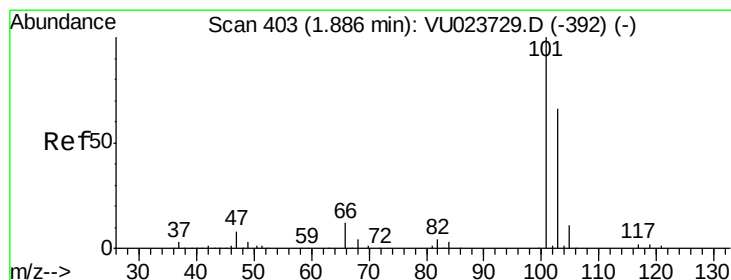
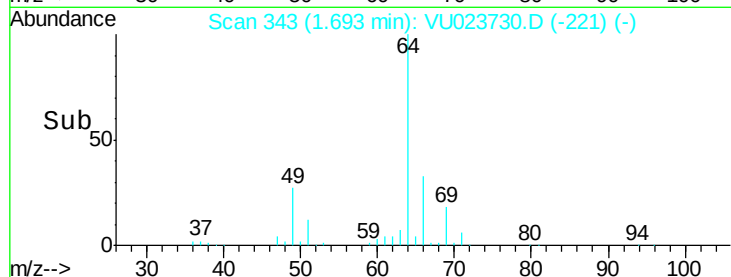
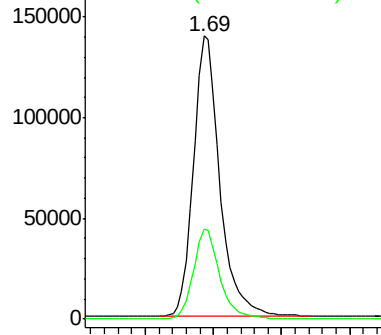


#8
Chloroethane
Concen: 83.60 ug/L
RT: 1.69 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

Tgt Ion: 64 Resp: 185910
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.9

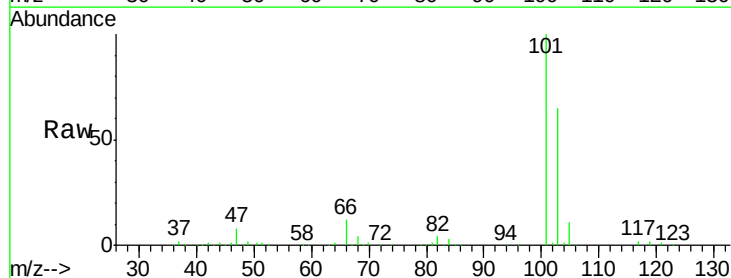


Abundance Ion 64.00 (63.70 to 64.70): VU023730.D (-221) (-)
Ion 66.00 (65.70 to 66.70): VU023730.D (-221) (-)

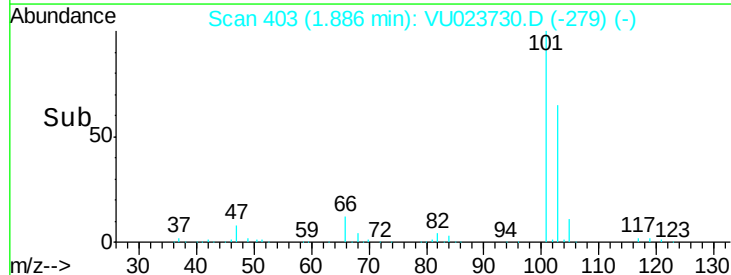
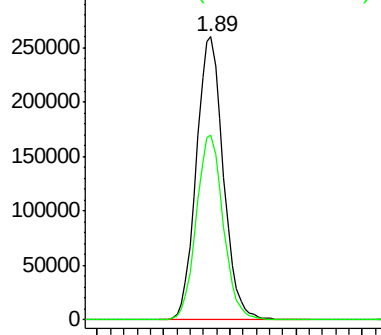


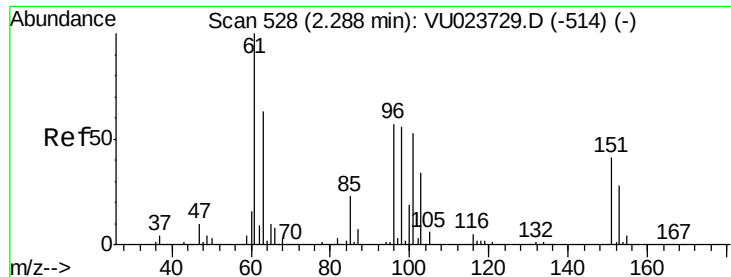
#9
Trichlorofluoromethane
Concen: 88.57 ug/L
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

Tgt Ion: 101 Resp: 367845
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): VU023730.D (-279) (-)
Ion 103.00 (102.70 to 103.70): VU023730.D (-279) (-)





#10

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

Concen: 92.04 ug/L

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU023730.D

Acq: 08 May 2018 12:05

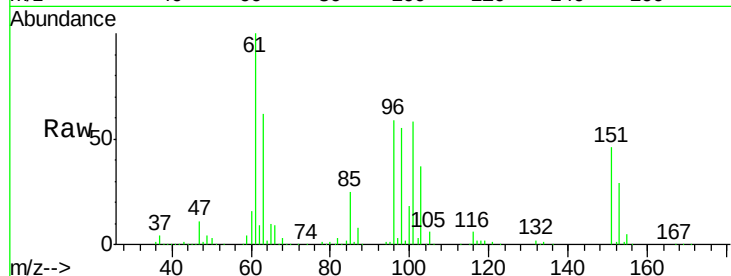
Tgt Ion: 101 Resp: 241031

Ion Ratio Lower Upper

101 100

85 42.2 33.9 50.9

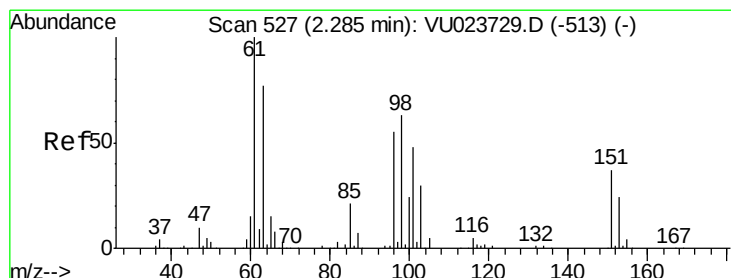
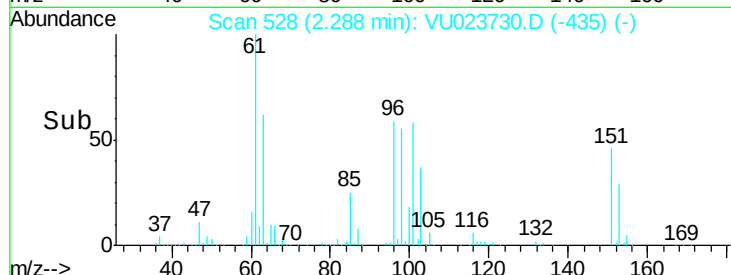
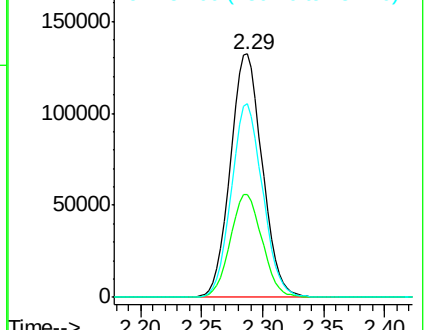
151 78.3 63.0 94.4



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: 92.02 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023730.D

Acq: 08 May 2018 12:05

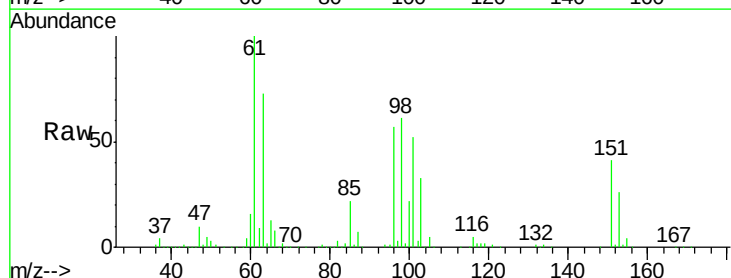
Tgt Ion: 96 Resp: 226200

Ion Ratio Lower Upper

96 100

61 175.1 126.4 234.8

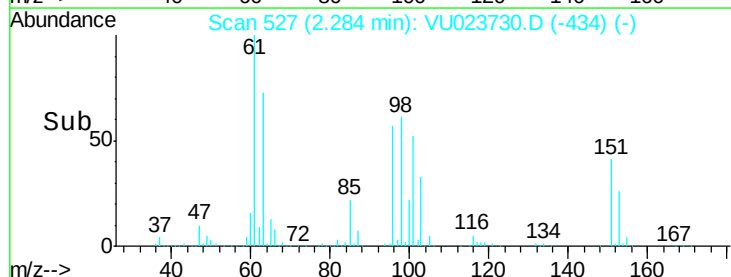
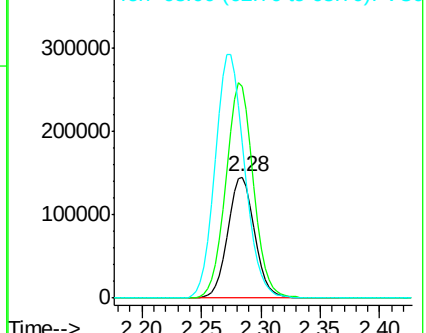
63 127.9 97.3 180.7

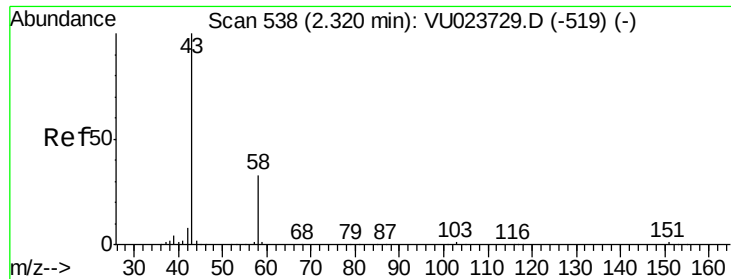


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 162.46 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU023730.D

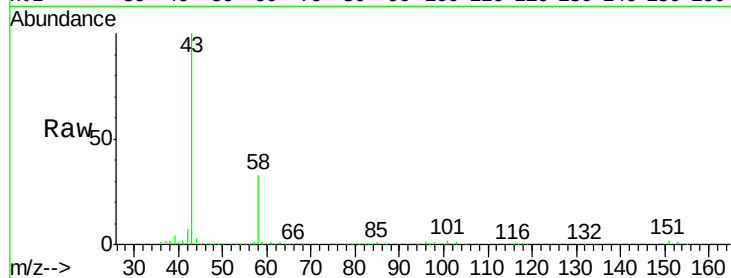
Acq: 08 May 2018 12:05

Tgt Ion: 43 Resp: 394645

Ion Ratio Lower Upper

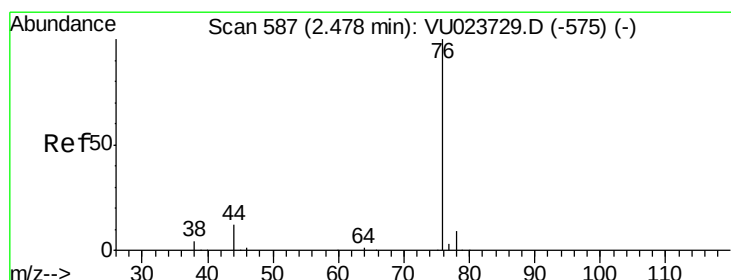
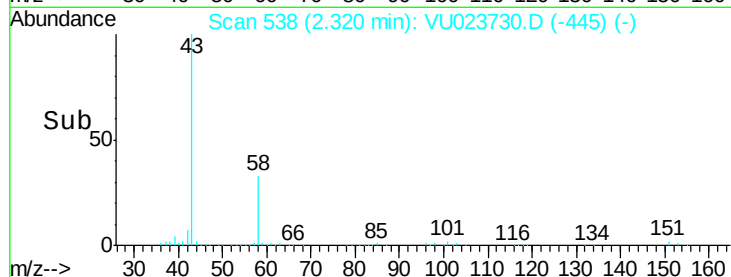
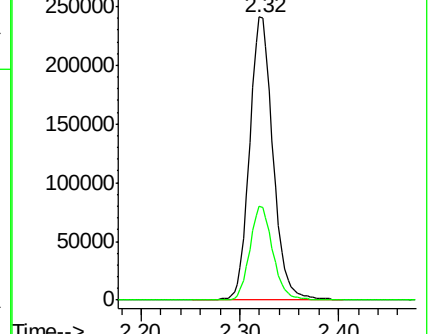
43 100

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



#14

Carbon disulfide

Concen: 86.56 ug/L

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU023730.D

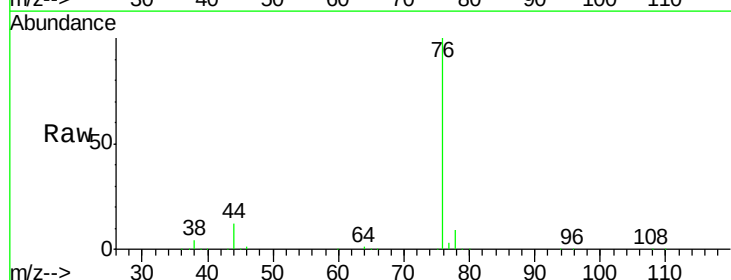
Acq: 08 May 2018 12:05

Tgt Ion: 76 Resp: 727043

Ion Ratio Lower Upper

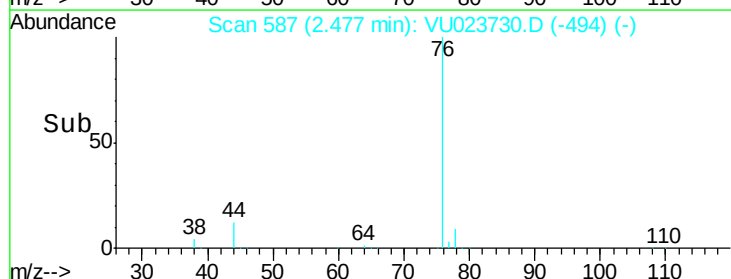
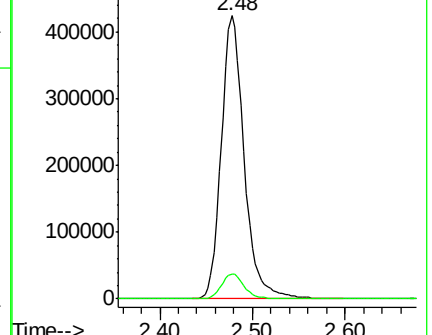
76 100

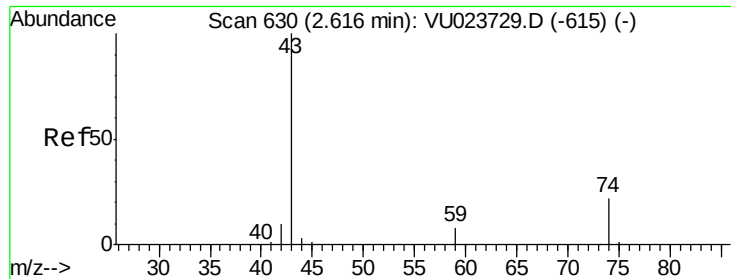
78 9.0 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VU0

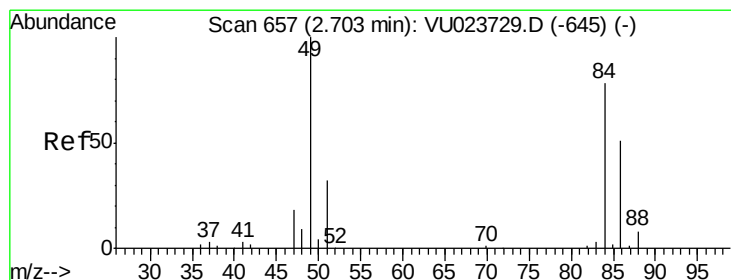
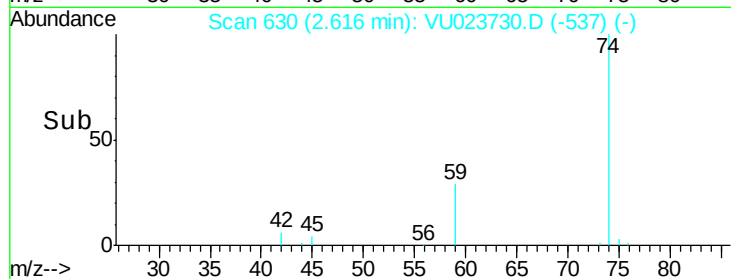
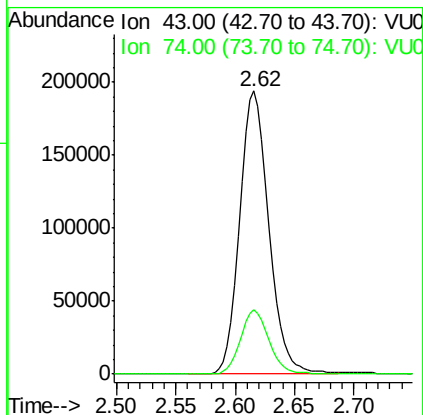
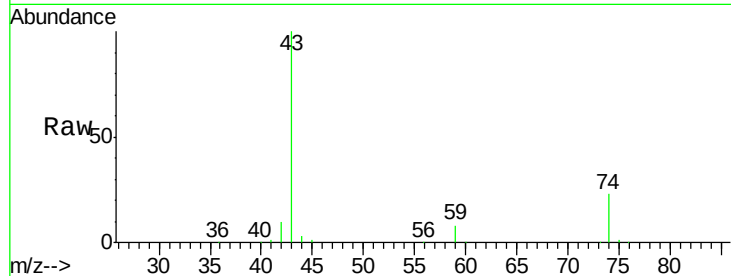
Ion 78.00 (77.70 to 78.70): VU0





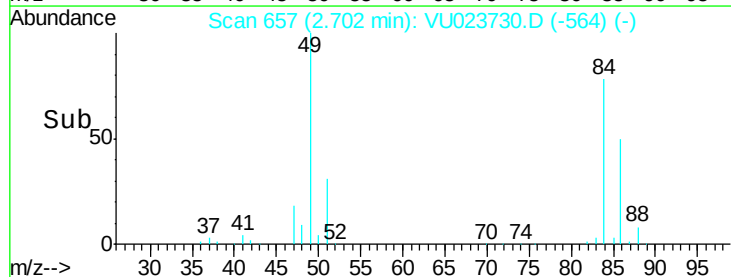
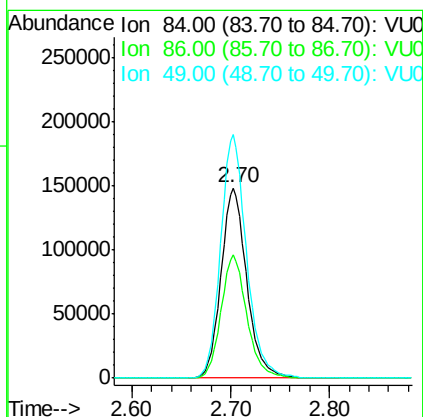
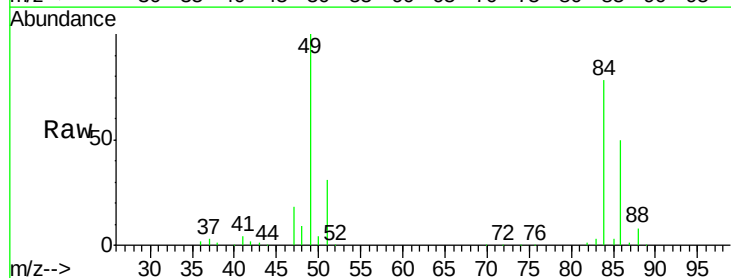
#15
Methyl Acetate
Concen: 99.75 ug/L
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

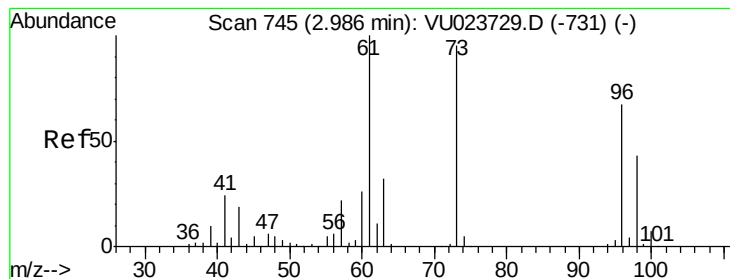
Tgt Ion: 43 Resp: 329122
Ion Ratio Lower Upper
43 100
74 22.3 18.0 27.0



#16
Methylene chloride
Concen: 88.83 ug/L
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

Tgt Ion: 84 Resp: 272421
Ion Ratio Lower Upper
84 100
86 64.6 45.8 85.2
49 128.1 90.4 167.8





#17

trans-1,2-Dichloroethene

Concen: 91.90 ug/L

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU023730.D

Acq: 08 May 2018 12:05

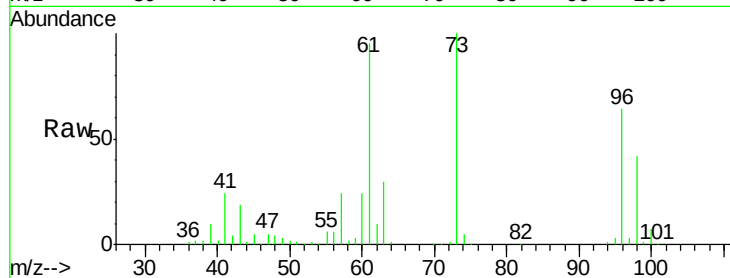
Tgt Ion: 96 Resp: 247558

Ion Ratio Lower Upper

96 100

61 147.5 103.7 192.7

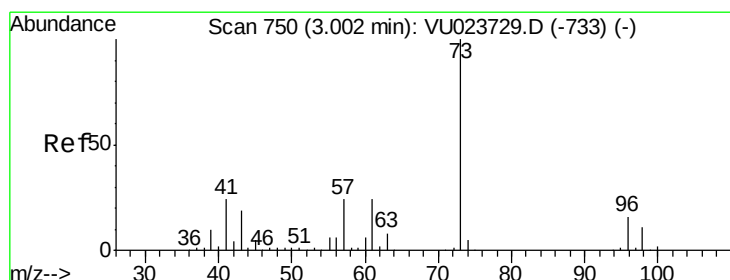
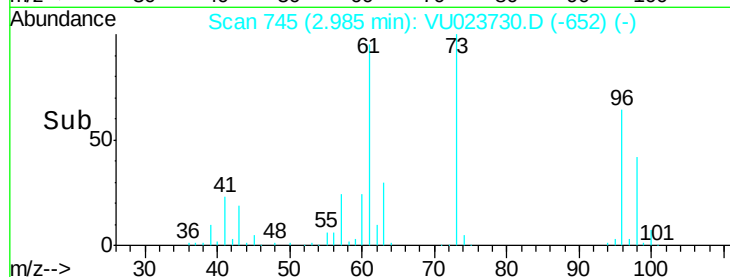
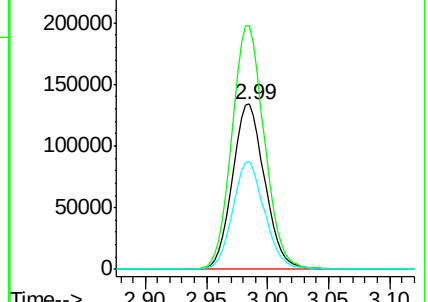
98 65.2 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VU023729.D (-731) (-)

Ion 61.00 (60.70 to 61.70): VU023729.D (-731) (-)

Ion 98.00 (97.70 to 98.70): VU023729.D (-731) (-)



#18

Methyl tert-butyl Ether

Concen: 99.16 ug/L

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU023730.D

Acq: 08 May 2018 12:05

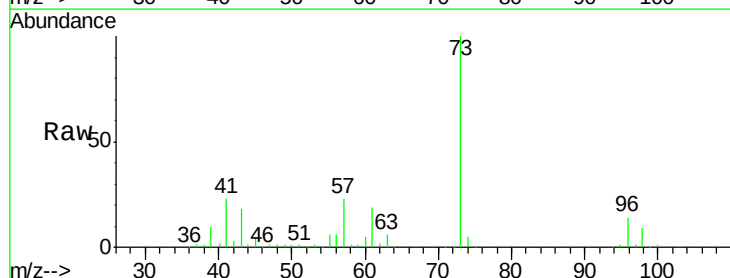
Tgt Ion: 73 Resp: 796063

Ion Ratio Lower Upper

73 100

43 18.7 15.4 23.0

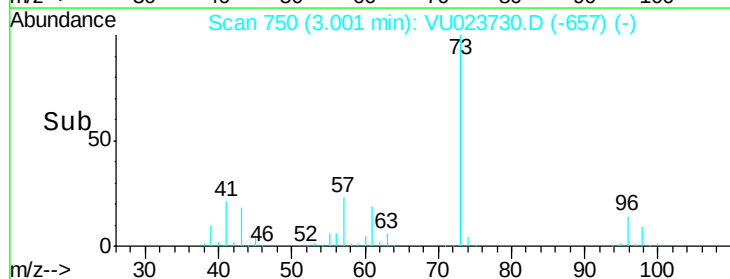
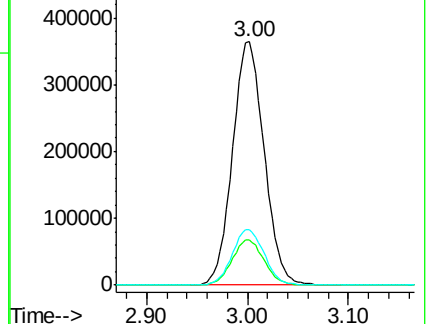
57 23.1 18.6 27.8

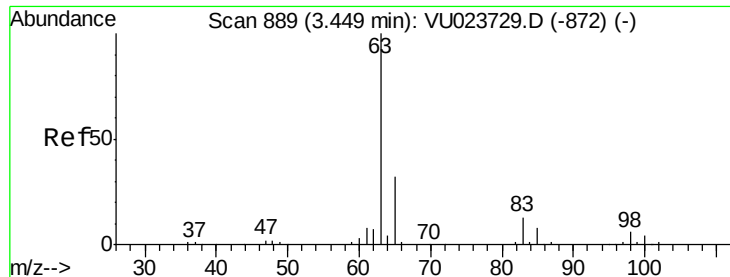


Abundance Ion 73.00 (72.70 to 73.70): VU023729.D (-733) (-)

Ion 43.00 (42.70 to 43.70): VU023729.D (-733) (-)

Ion 57.00 (56.70 to 57.70): VU023729.D (-733) (-)





#19

1,1-Dichloroethane

Concen: 91.00 ug/L

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU023730.D

Acq: 08 May 2018 12:05

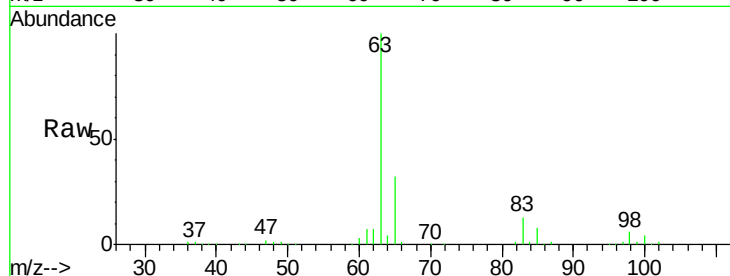
Tgt Ion: 63 Resp: 486251

Ion Ratio Lower Upper

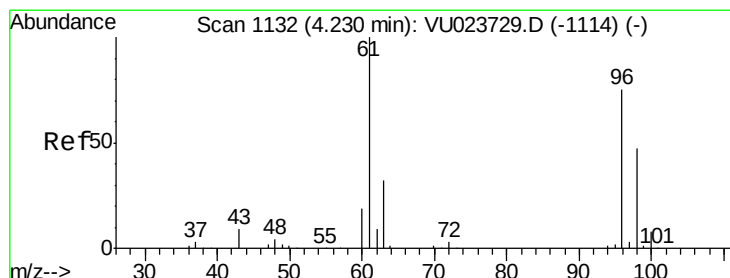
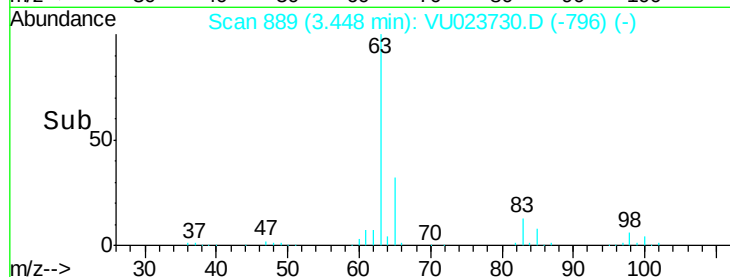
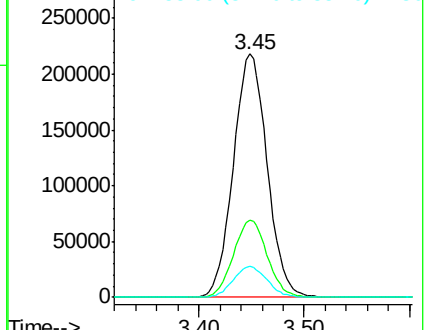
63 100

65 31.8 22.4 41.6

83 12.7 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: 94.47 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU023730.D

Acq: 08 May 2018 12:05

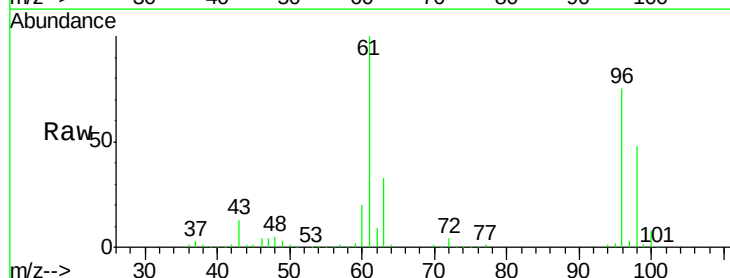
Tgt Ion: 96 Resp: 283797

Ion Ratio Lower Upper

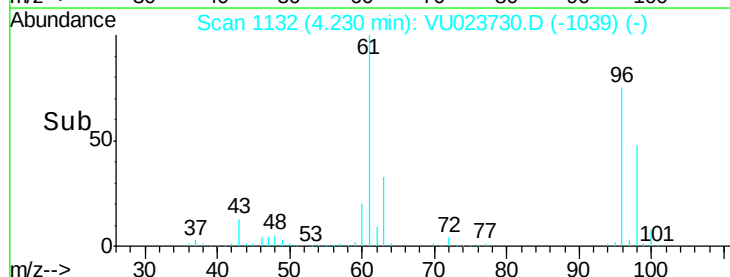
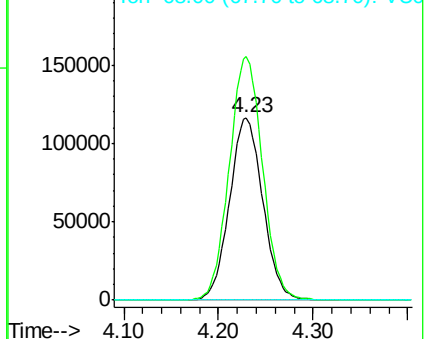
96 100

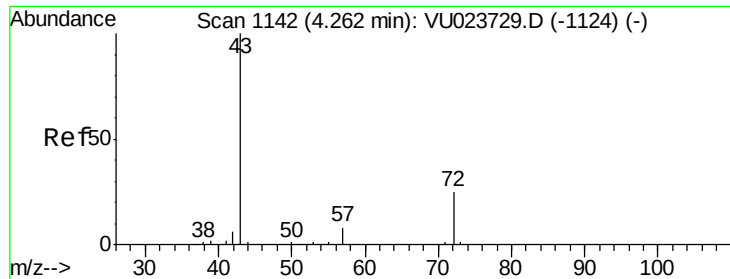
61 133.5 93.9 174.5

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: 188.05 ug/L

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU023730.D

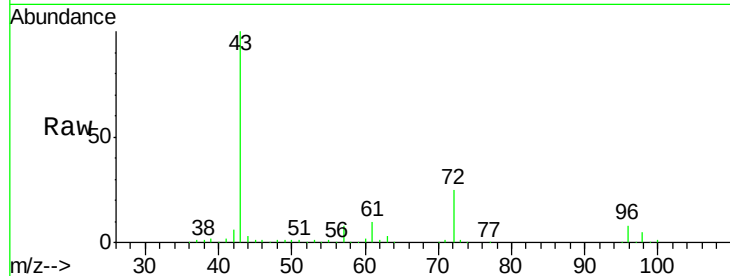
Acq: 08 May 2018 12:05

Tgt Ion: 43 Resp: 514993

Ion Ratio Lower Upper

43 100

72 26.0 12.7 38.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

250000

200000

150000

100000

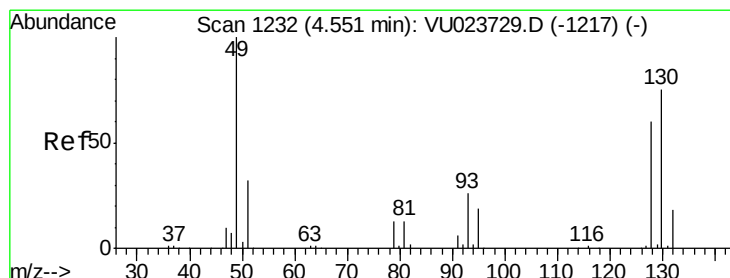
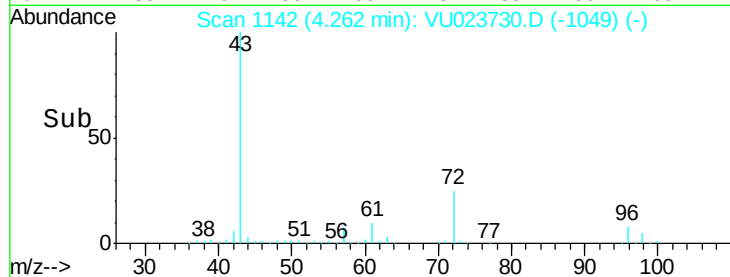
50000

0

4.26

4.20 4.30

Time-->



#23

Bromochloromethane

Concen: 92.75 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU023730.D

Acq: 08 May 2018 12:05

Tgt Ion: 128 Resp: 140306

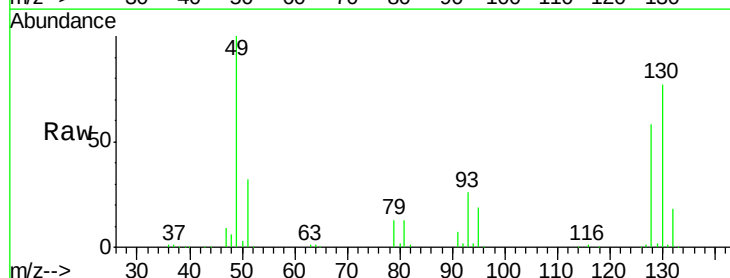
Ion Ratio Lower Upper

128 100

49 171.1 116.1 215.7

130 132.0 86.6 160.8

51 54.9 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

150000

100000

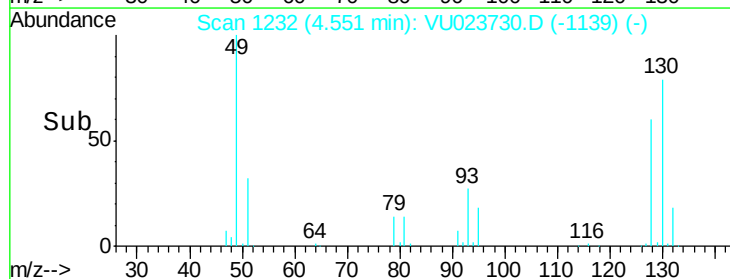
50000

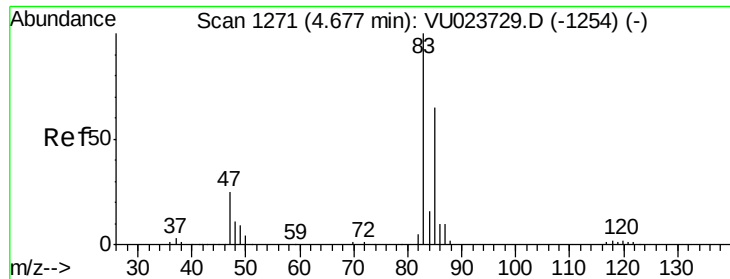
0

4.55

4.45 4.65

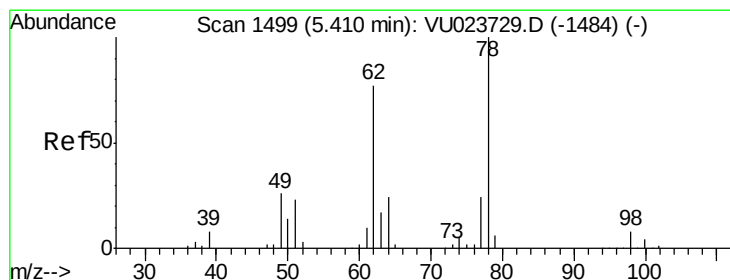
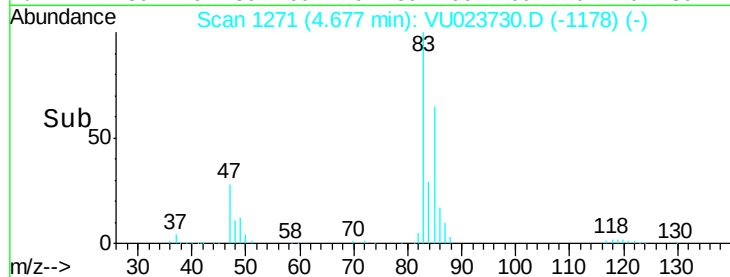
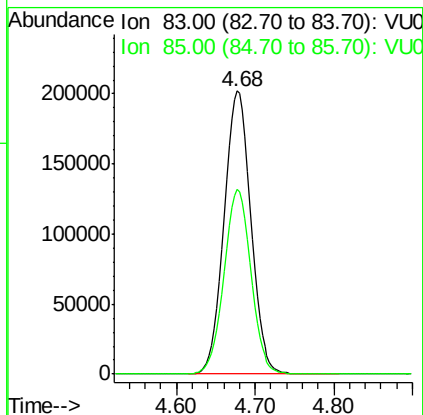
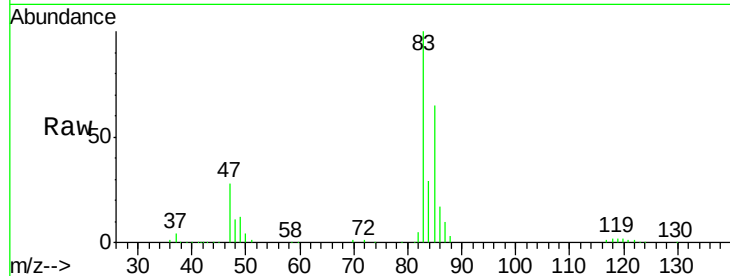
Time-->





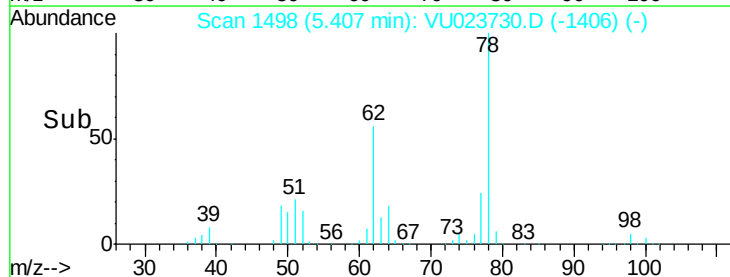
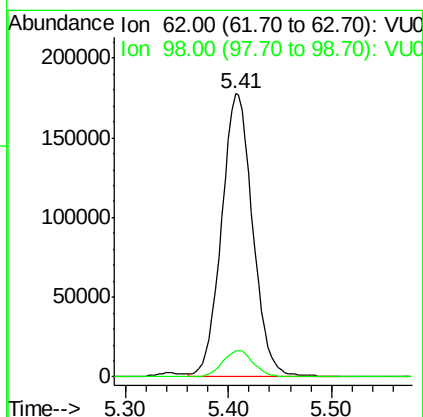
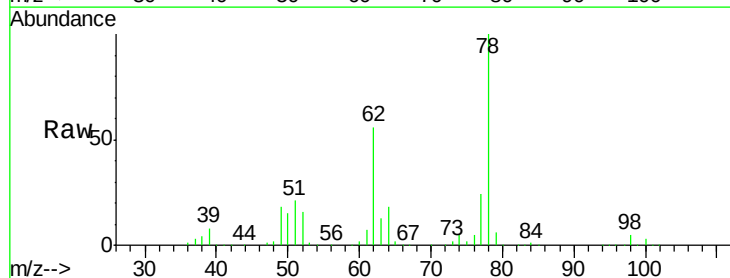
#25
Chloroform
Concen: 87.35 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

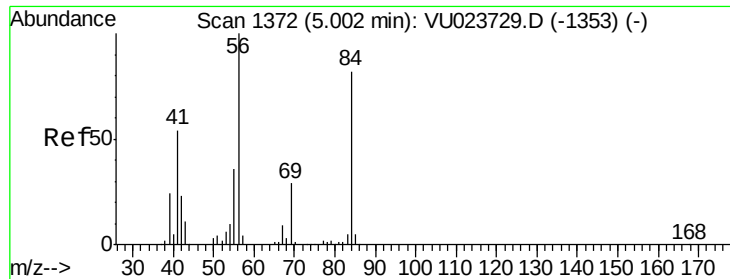
Tgt Ion: 83 Resp: 475650
Ion Ratio Lower Upper
83 100
85 65.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 91.57 ug/L
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

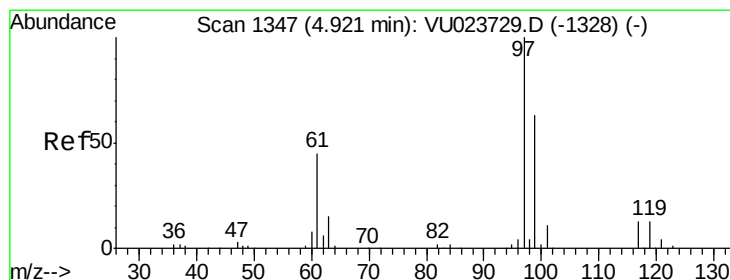
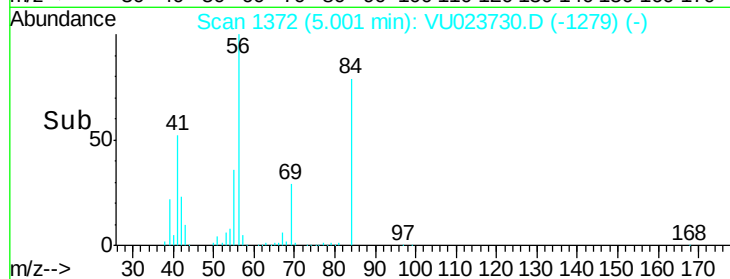
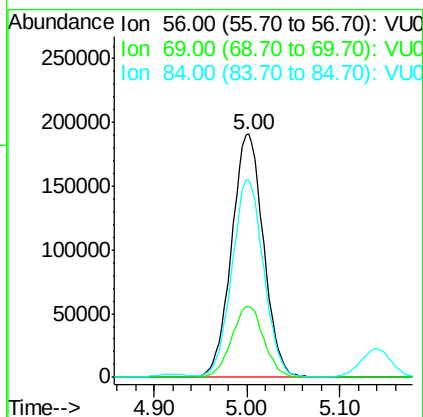
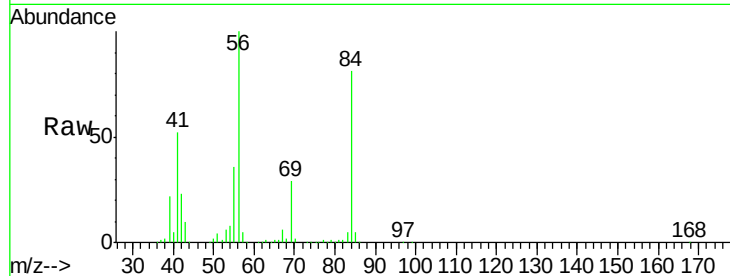
Tgt Ion: 62 Resp: 372143
Ion Ratio Lower Upper
62 100
98 9.1 7.8 11.8





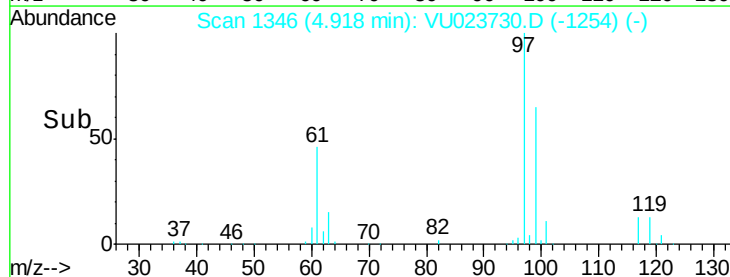
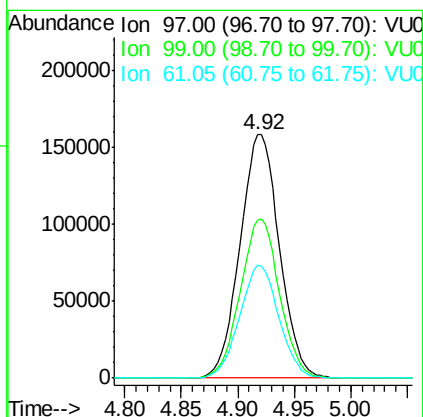
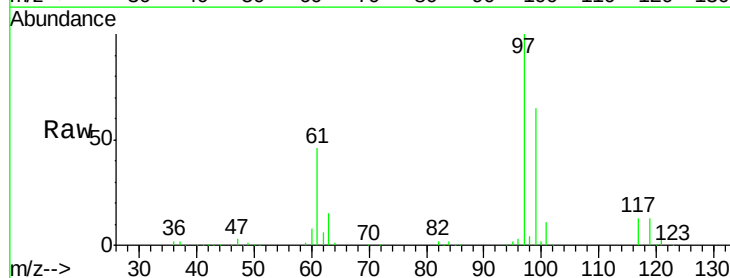
#29
Cyclohexane
Concen: 95.99 ug/L
RT: 5.00 min Scan# 1372
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

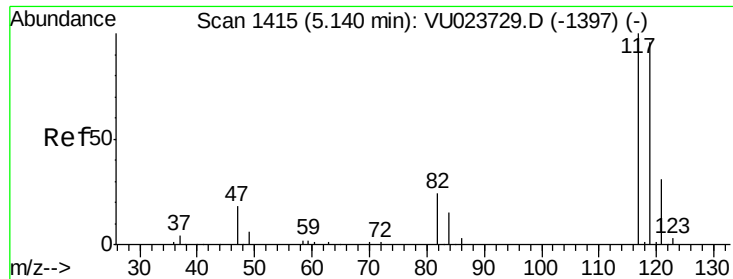
Tgt Ion:	56	Resp:	455466
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.6	35.4
84	80.8	65.8	98.8



#30
1,1,1-Trichloroethane
Concen: 93.06 ug/L
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

Tgt Ion:	97	Resp:	383119
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	46.2	36.5	54.7





#31

Carbon tetrachloride

Concen: 94.73 ug/L

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU023730.D

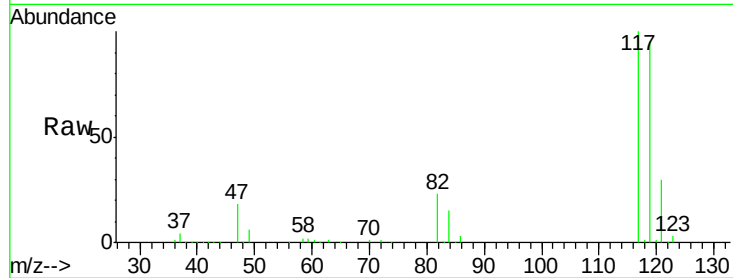
Acq: 08 May 2018 12:05

Tgt Ion: 117 Resp: 338826

Ion Ratio Lower Upper

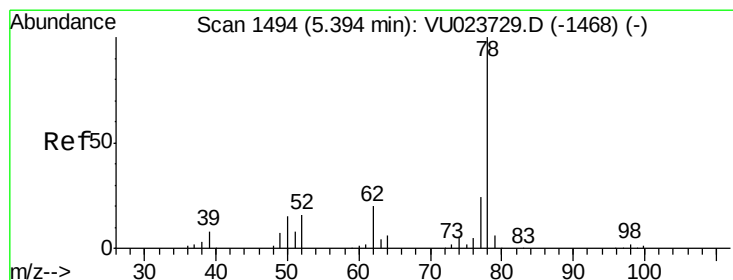
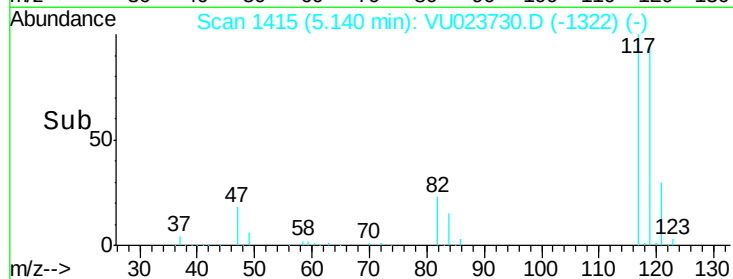
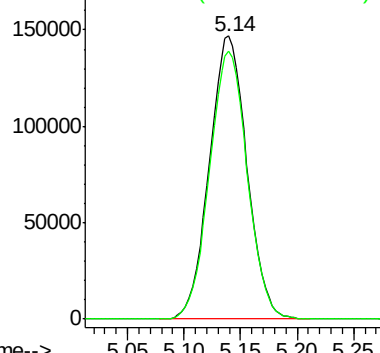
117 100

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: 94.25 ug/L

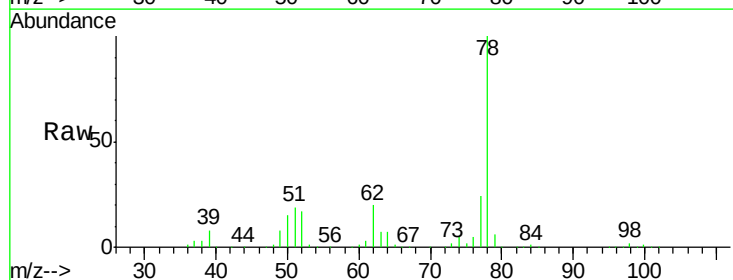
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

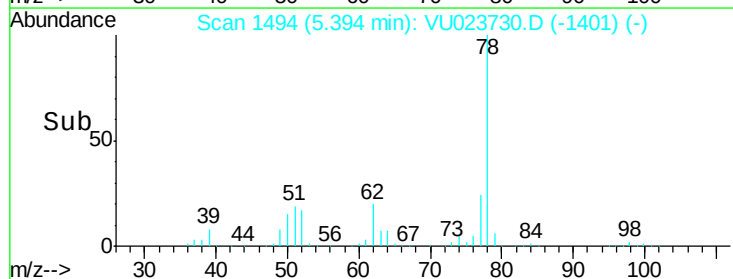
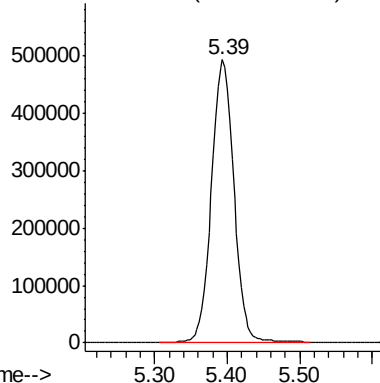
Lab File: VU023730.D

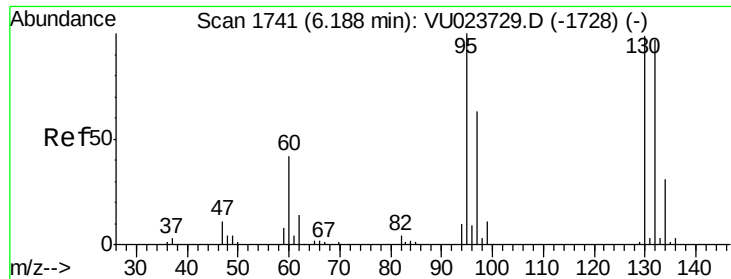
Acq: 08 May 2018 12:05

Tgt Ion: 78 Resp: 1072986



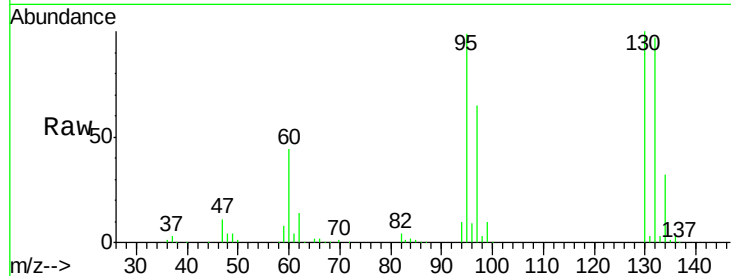
Abundance Ion 78.00 (77.70 to 78.70): VU0



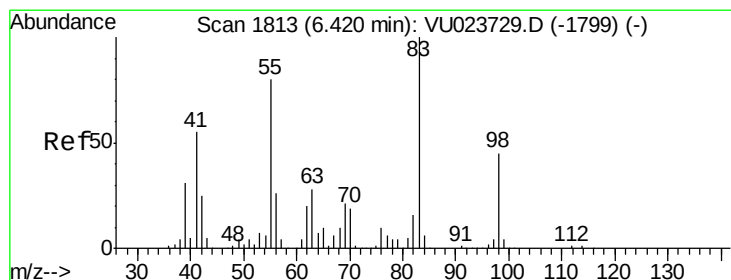
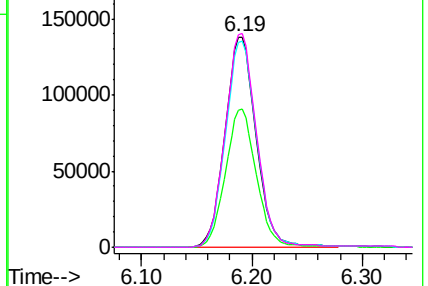
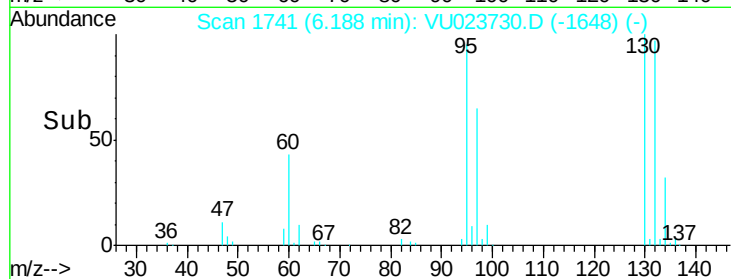


#34
 Trichloroethene
 Concen: 92.12 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023730.D
 Acq: 08 May 2018 12:05

Tgt Ion:	95	Resp:	270536
Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.2	82.2
132	97.5	67.8	125.8
130	100.9	69.6	129.2

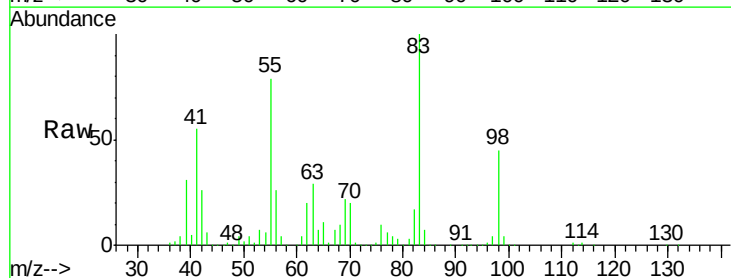


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

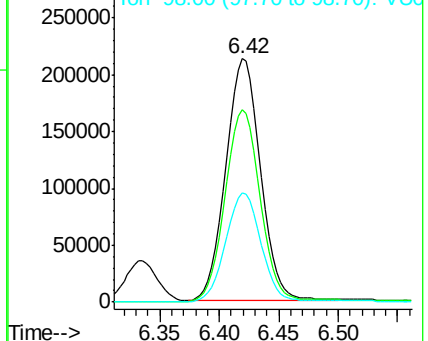
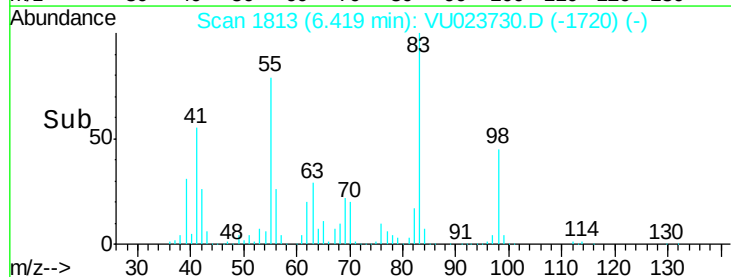


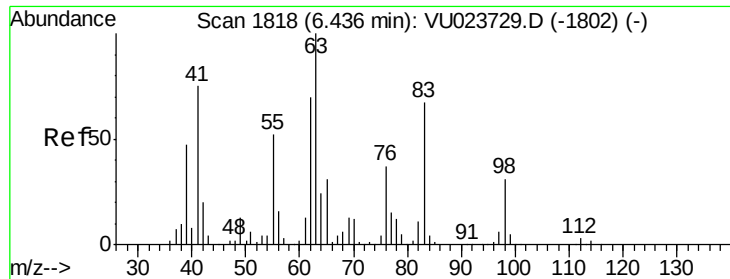
#35
 Methylcyclohexane
 Concen: 95.00 ug/L
 RT: 6.42 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VU023730.D
 Acq: 08 May 2018 12:05

Tgt Ion:	83	Resp:	431668
Ion	Ratio	Lower	Upper
83	100		
55	80.5	64.8	97.2
98	45.6	36.7	55.1



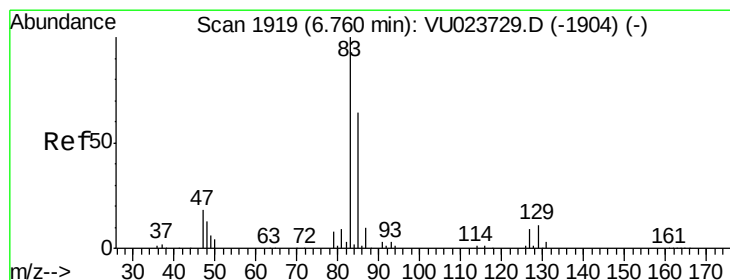
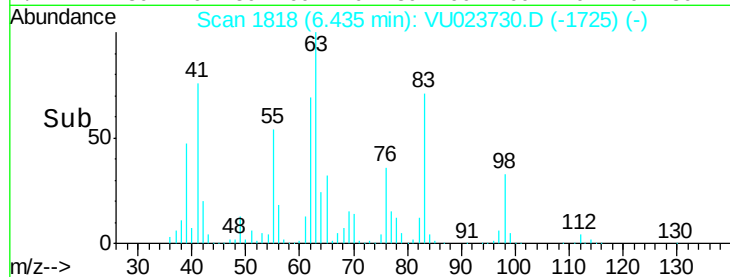
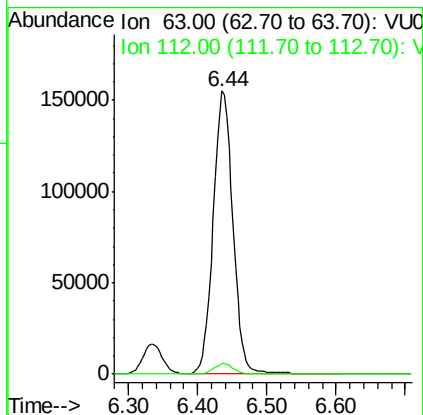
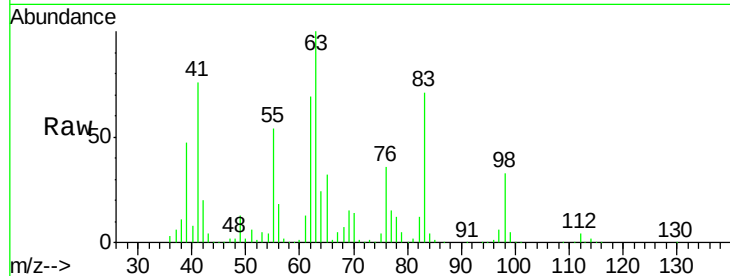
Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





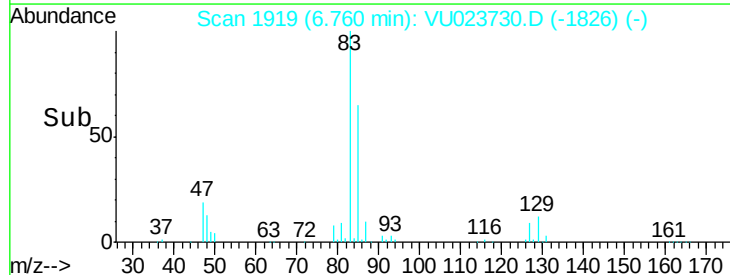
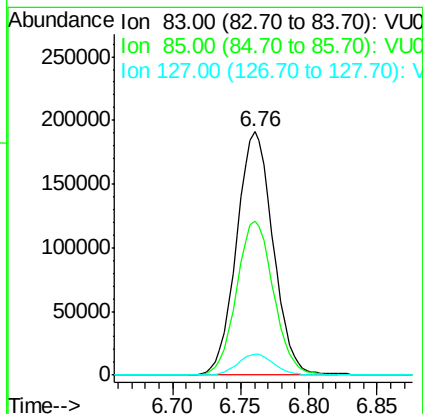
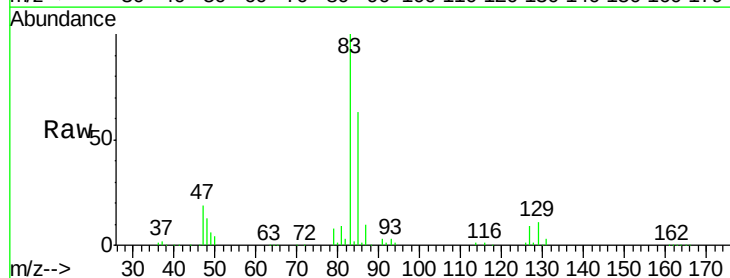
#37
 1,2-Dichloropropane
 Concen: 93.47 ug/L
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU023730.D
 Acq: 08 May 2018 12:05

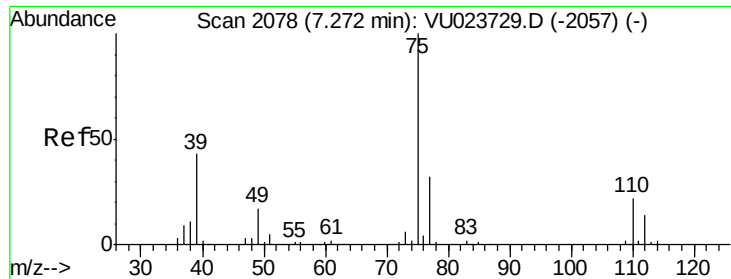
Tgt Ion: 63 Resp: 306591
 Ion Ratio Lower Upper
 63 100
 112 3.7 2.8 4.2



#38
 Bromodichloromethane
 Concen: 95.45 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU023730.D
 Acq: 08 May 2018 12:05

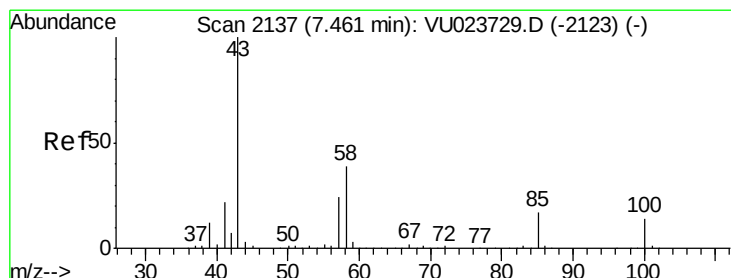
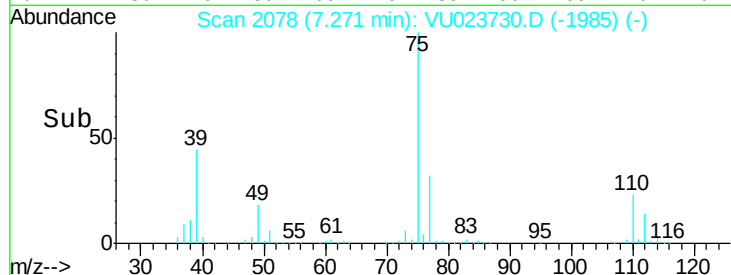
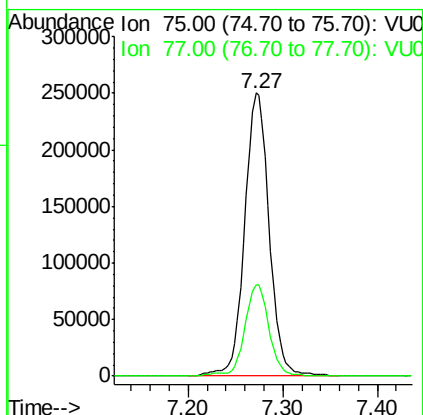
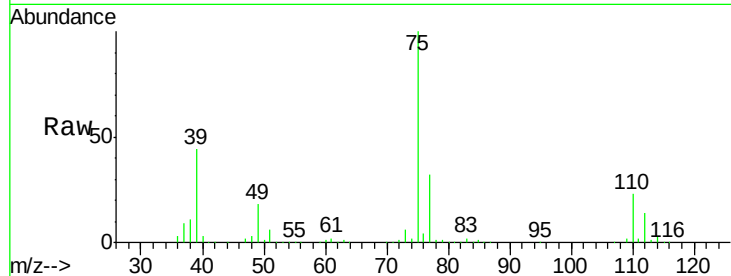
Tgt Ion: 83 Resp: 353983
 Ion Ratio Lower Upper
 83 100
 85 63.5 44.4 82.4
 127 8.6 6.9 10.3





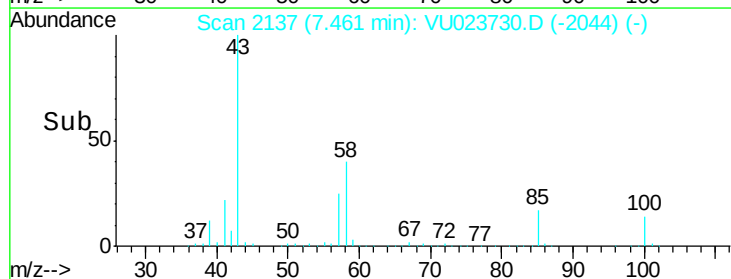
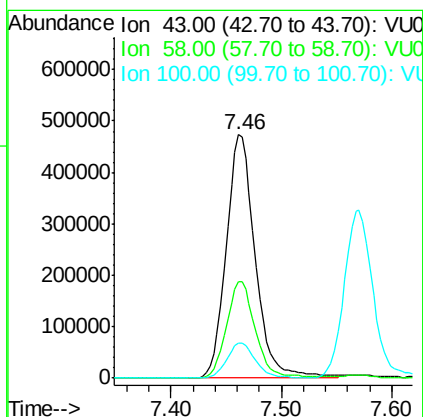
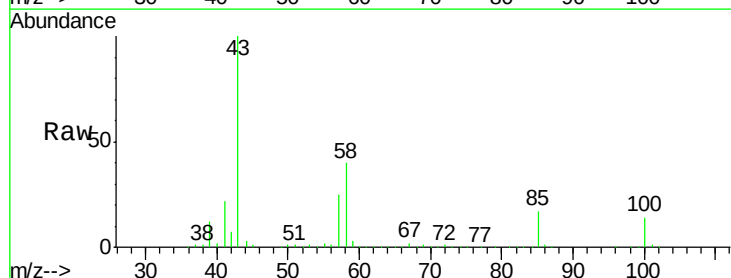
#39
 cis-1,3-Dichloropropene
 Concen: 100.01 ug/L
 RT: 7.27 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VU023730.D
 Acq: 08 May 2018 12:05

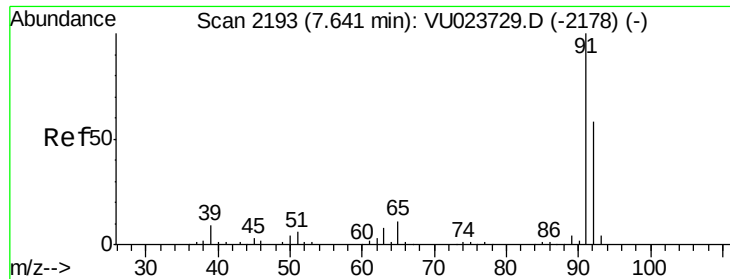
Tgt Ion: 75 Resp: 451971
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 212.93 ug/L
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU023730.D
 Acq: 08 May 2018 12:05

Tgt Ion: 43 Resp: 863952
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.3 46.9
 100 14.4 11.2 16.8





#42

Toluene

Concen: 96.53 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023730.D

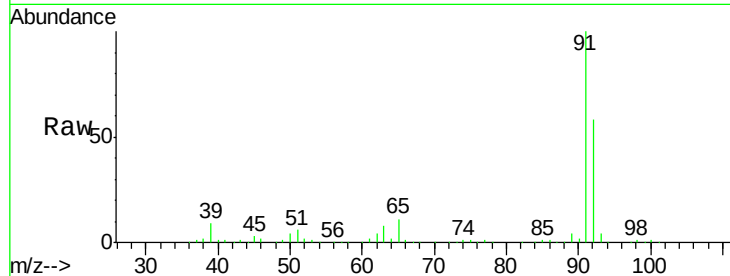
Acq: 08 May 2018 12:05

Tgt Ion: 91 Resp: 1141208

Ion Ratio Lower Upper

91 100

92 58.2 40.9 76.0



Abundance Ion 91.00 (90.70 to 91.70): VU023729.D (-2178) (-)

Ion 92.00 (91.70 to 92.70): VU023729.D (-2178) (-)

7.64

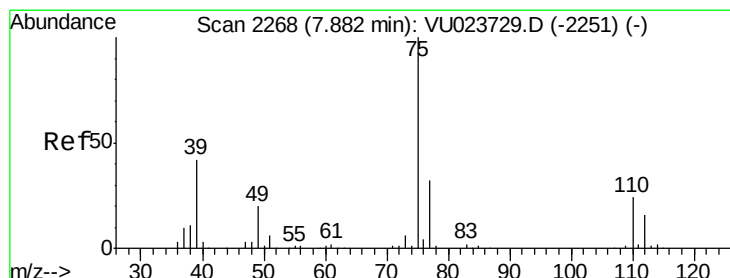
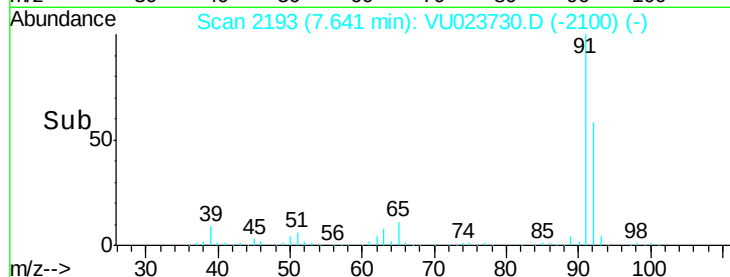
600000

400000

200000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 101.64 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU023730.D

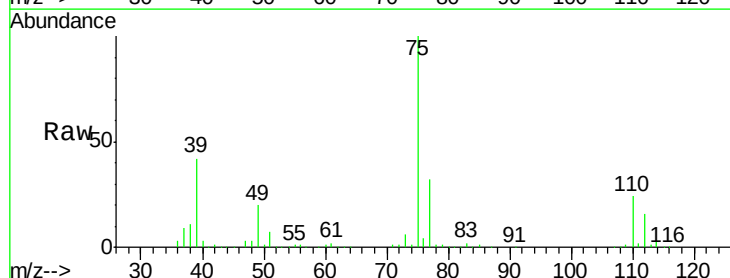
Acq: 08 May 2018 12:05

Tgt Ion: 75 Resp: 409240

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU023729.D (-2251) (-)

Ion 77.00 (76.70 to 77.70): VU023729.D (-2251) (-)

7.88

250000

200000

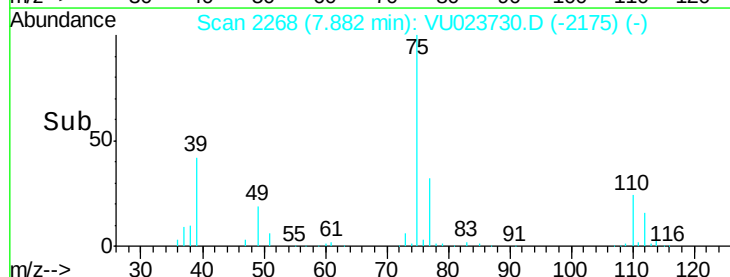
150000

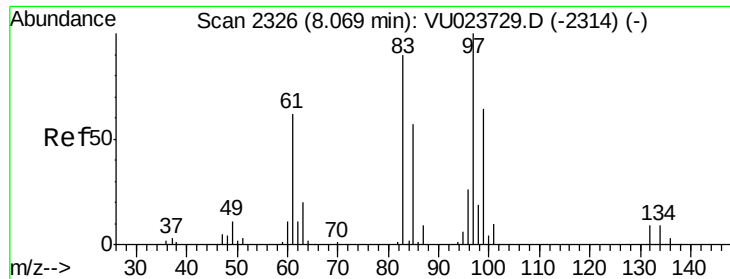
100000

50000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 94.43 ug/L

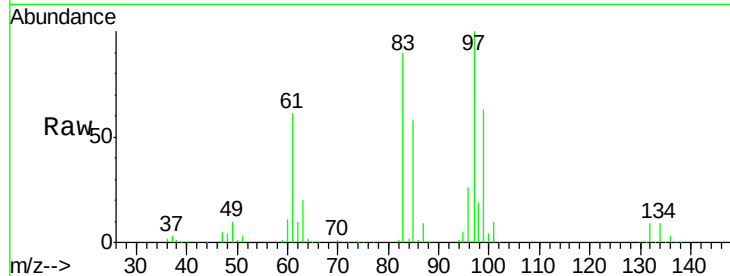
RT: 8.07 min Scan# 2327

Delta R.T. 0.00 min

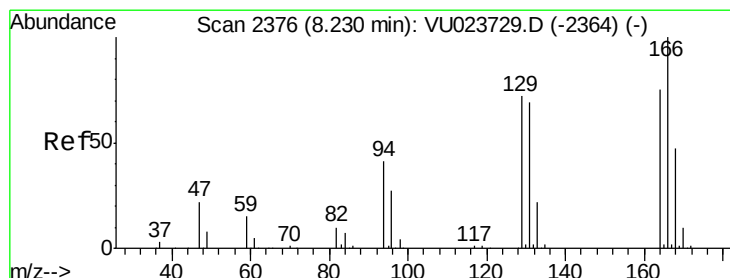
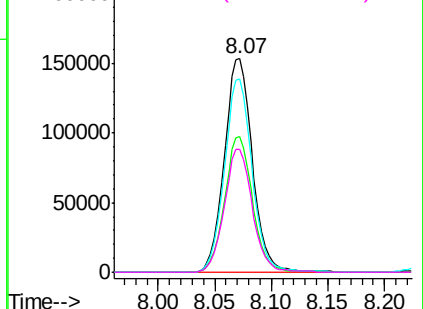
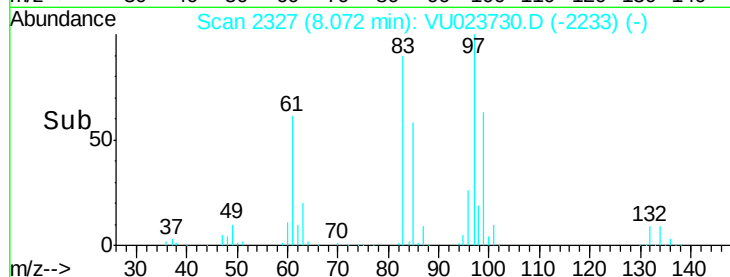
Lab File: VU023730.D

Acq: 08 May 2018 12:05

Tgt Ion:	97	Resp:	264657
Ion	Ratio	Lower	Upper
97	100		
99	63.4	45.0	83.6
83	90.3	63.1	117.3
85	57.6	40.2	74.6



Abundance Ion 97.00 (96.70 to 97.70): VU023730.D (-2233) (-)



#46

Tetrachloroethene

Concen: 94.12 ug/L

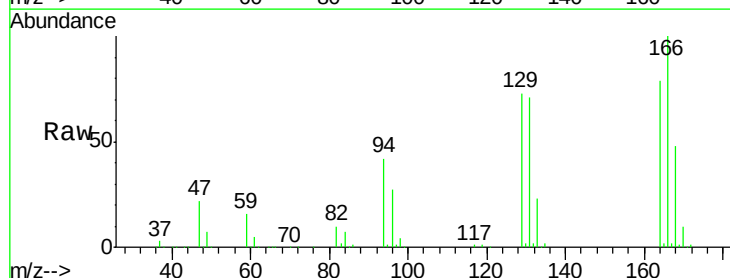
RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

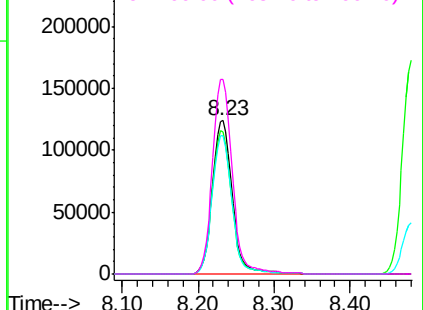
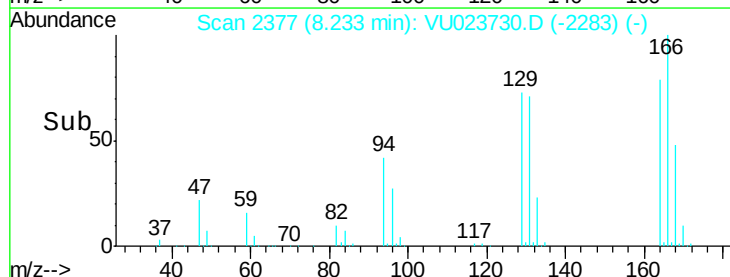
Lab File: VU023730.D

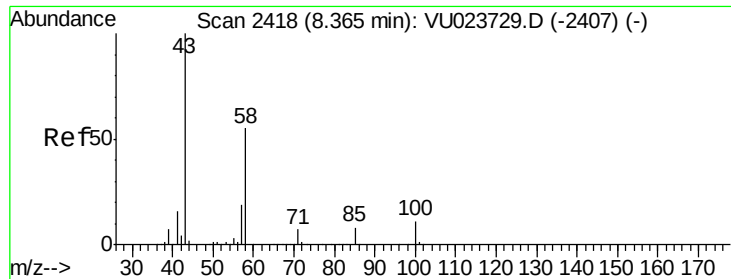
Acq: 08 May 2018 12:05

Tgt Ion:	164	Resp:	224099
Ion	Ratio	Lower	Upper
164	100		
129	92.5	66.9	124.3
131	90.3	63.6	118.0
166	127.3	93.0	172.6



Abundance Ion 164.00 (163.70 to 164.70): VU023730.D (-2283) (-)

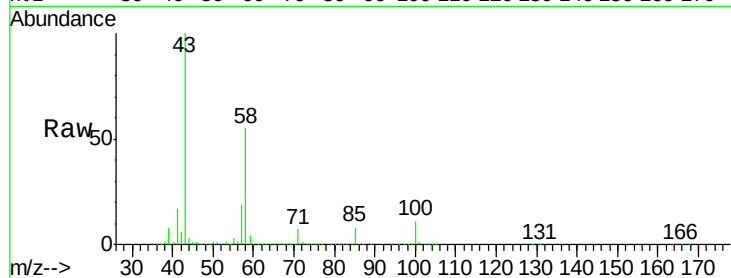




#48
2-Hexanone
Concen: 208.81 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

Tgt Ion: 43 Resp: 732180

Ion	Ratio	Lower	Upper
43	100		
58	53.9	43.4	65.0
57	18.6	15.0	22.4
100	10.7	8.7	13.1

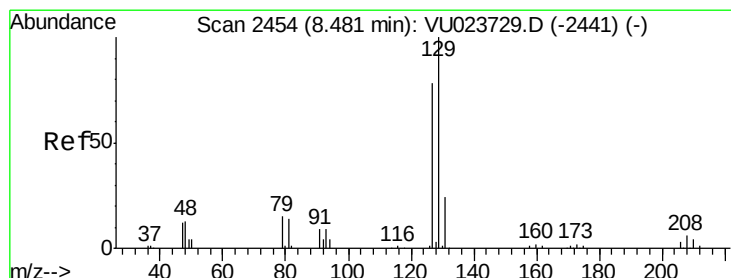
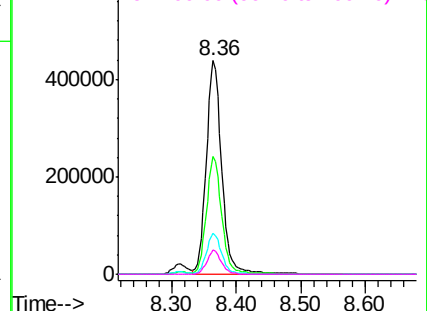
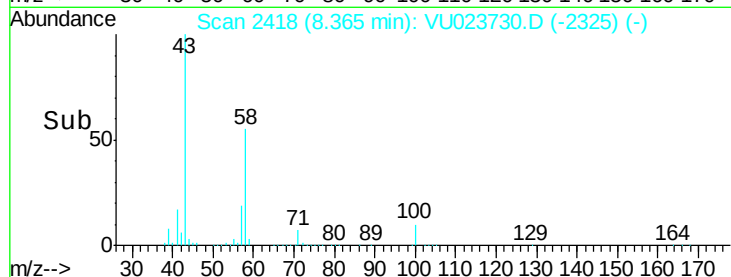


Abundance Ion 43.00 (42.70 to 43.70): VU023730.D (-2325) (-)

Ion 58.00 (57.70 to 58.70): VU023730.D (-2325) (-)

Ion 57.00 (56.70 to 57.70): VU023730.D (-2325) (-)

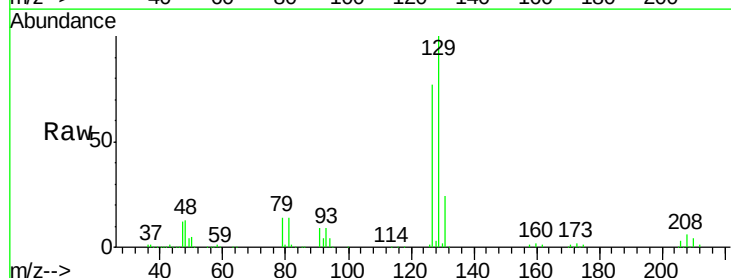
Ion 100.00 (99.70 to 100.70): VU023730.D (-2325) (-)



#49
Dibromochloromethane
Concen: 99.11 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

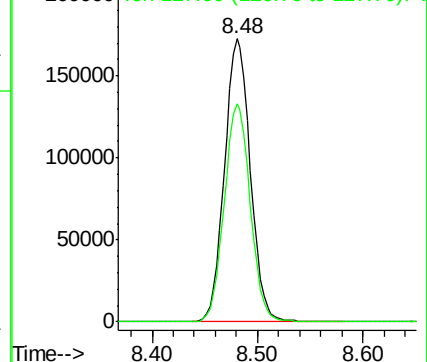
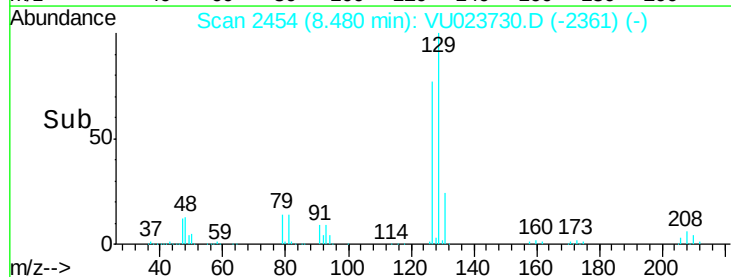
Tgt Ion: 129 Resp: 292223

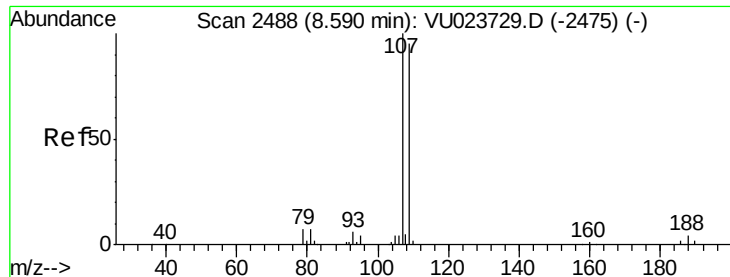
Ion	Ratio	Lower	Upper
129	100		
127	77.0	54.8	101.8



Abundance Ion 129.00 (128.70 to 129.70): VU023730.D (-2361) (-)

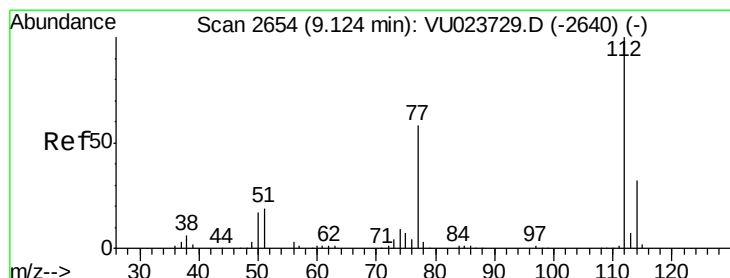
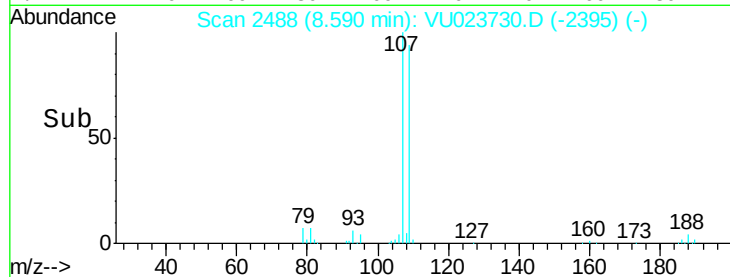
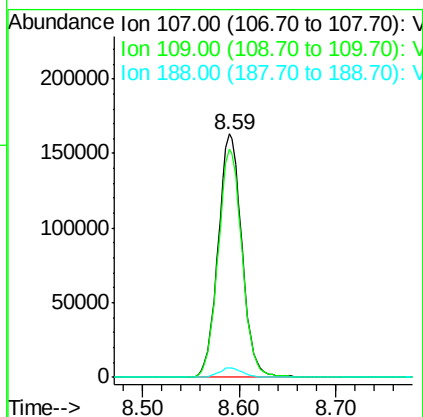
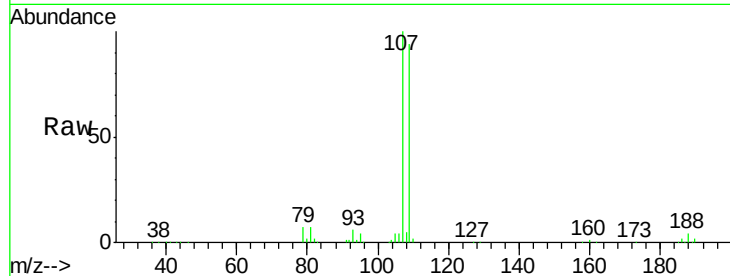
Ion 127.00 (126.70 to 127.70): VU023730.D (-2361) (-)





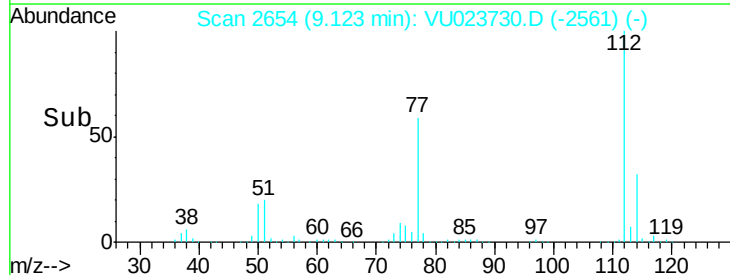
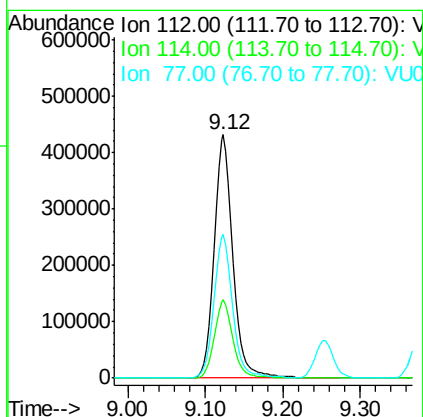
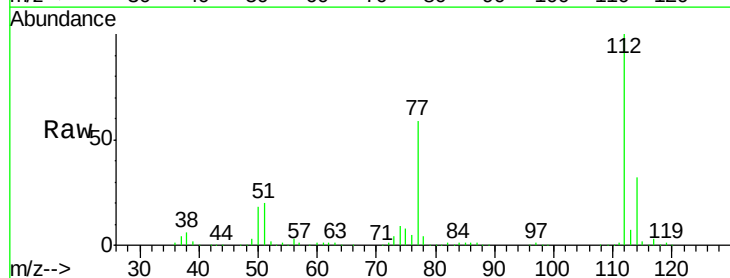
#50
1,2-Dibromoethane
Concen: 97.59 ug/L
RT: 8.59 min Scan# 2488
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

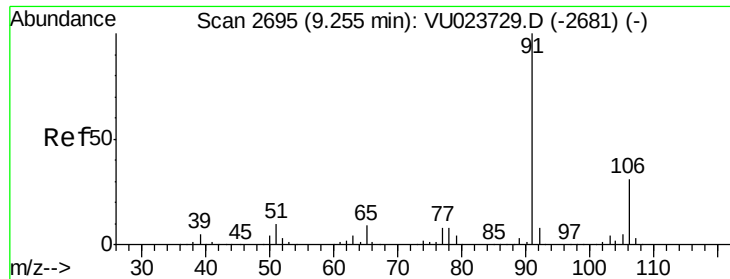
Tgt Ion:107 Resp: 277658
Ion Ratio Lower Upper
107 100
109 93.6 66.4 123.2
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 93.95 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

Tgt Ion:112 Resp: 744283
Ion Ratio Lower Upper
112 100
114 32.1 22.6 42.0
77 59.0 46.9 70.3





#52

Ethylbenzene

Concen: 98.28 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. -0.00 min

Lab File: VU023730.D

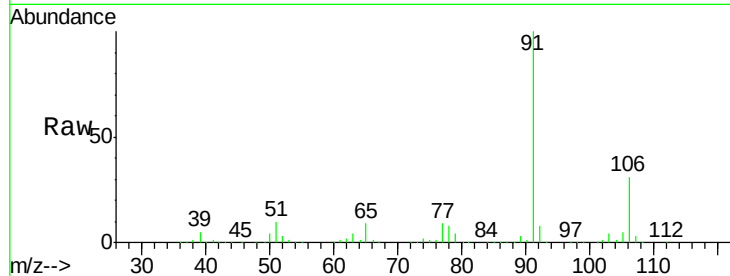
Acq: 08 May 2018 12:05

Tgt Ion: 91 Resp: 1263835

Ion Ratio Lower Upper

91 100

106 31.1 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VU023729.D (-2681) (-)

Ion 106.00 (105.70 to 106.70): VU023729.D (-2681) (-)

800000

600000

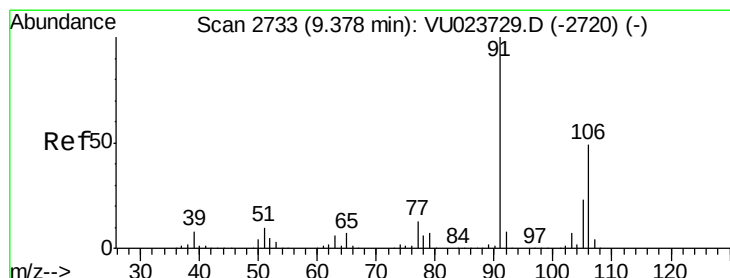
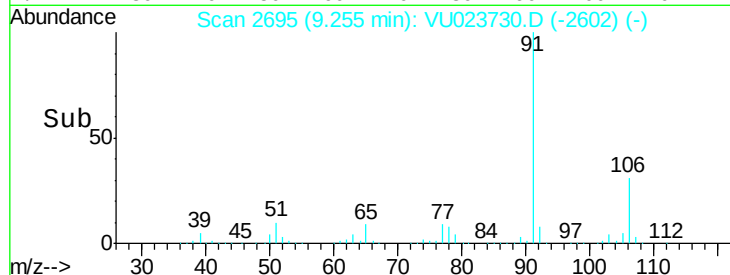
400000

200000

0

9.15 9.20 9.25 9.30 9.35

Time-->



#53

m,p-Xylene

Concen: 99.21 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023730.D

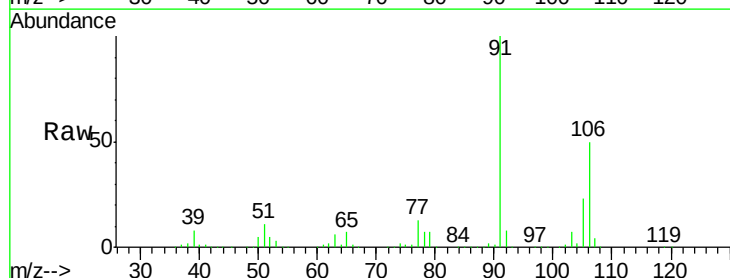
Acq: 08 May 2018 12:05

Tgt Ion: 106 Resp: 485297

Ion Ratio Lower Upper

106 100

91 199.8 142.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): VU023729.D (-2720) (-)

Ion 91.00 (90.70 to 91.70): VU023729.D (-2720) (-)

600000

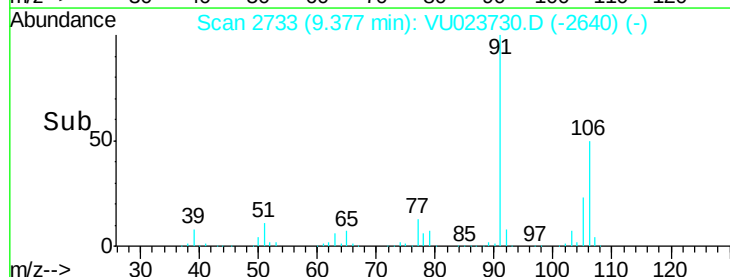
400000

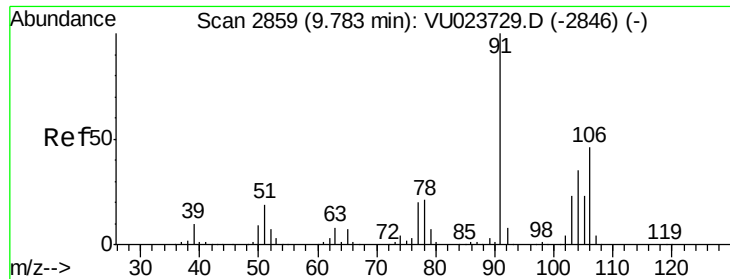
200000

0

9.30 9.35 9.40 9.45

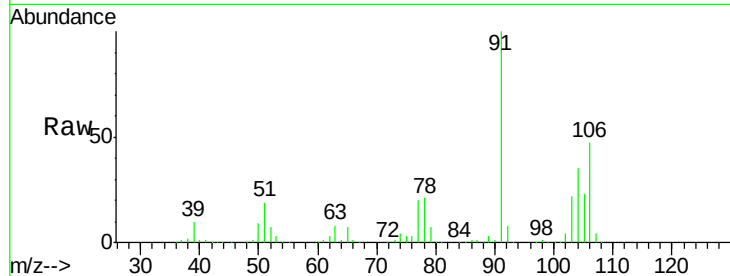
Time-->



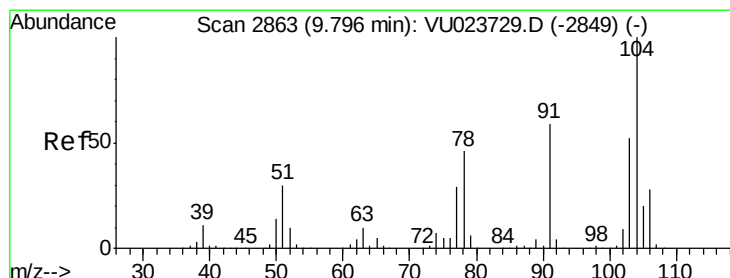
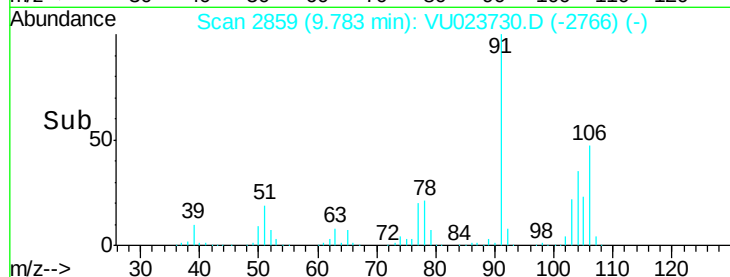
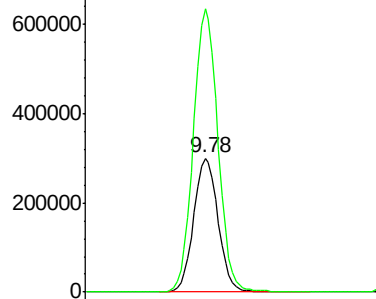


#54
o-xylene
Concen: 101.76 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

Tgt Ion:106 Resp: 473603
Ion Ratio Lower Upper
106 100
91 210.9 152.6 283.4

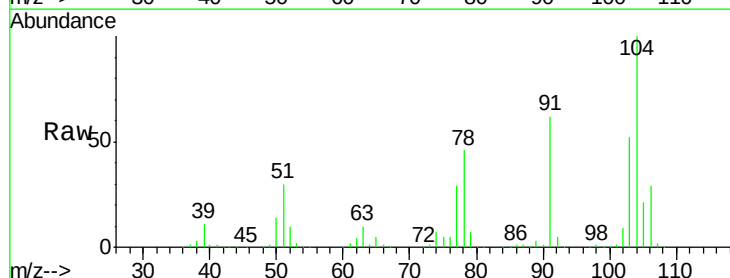


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

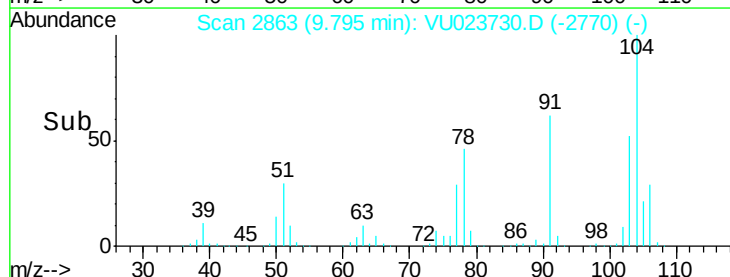
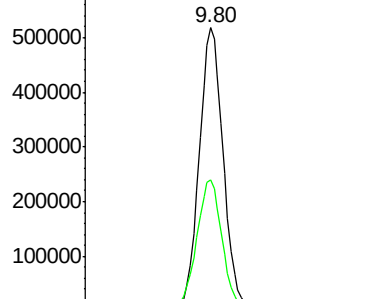


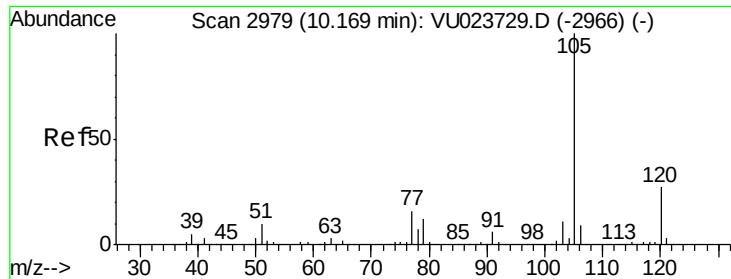
#55
Styrene
Concen: 101.50 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

Tgt Ion:104 Resp: 826235
Ion Ratio Lower Upper
104 100
78 46.2 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: 101.40 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023730.D

Acq: 08 May 2018 12:05

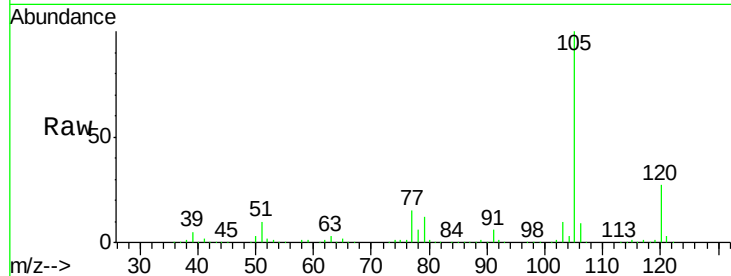
Tgt Ion: 105 Resp: 1242837

Ion Ratio Lower Upper

105 100

120 26.5 21.3 31.9

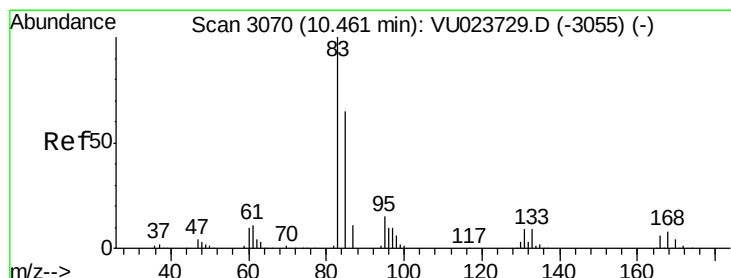
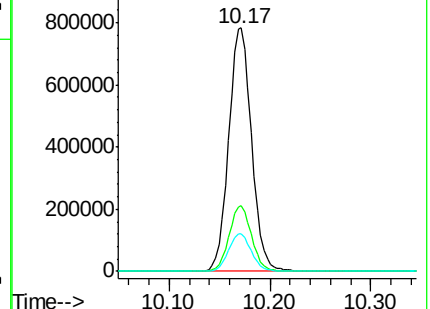
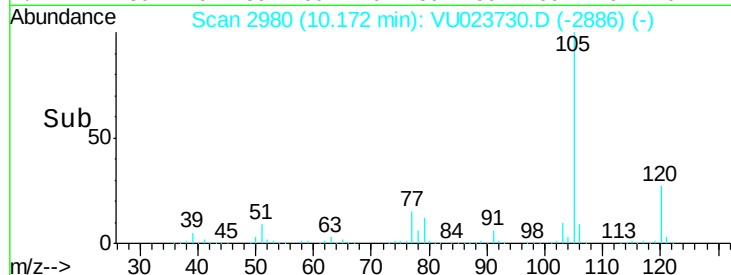
77 15.4 12.3 18.5



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: 99.09 ug/L

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU023730.D

Acq: 08 May 2018 12:05

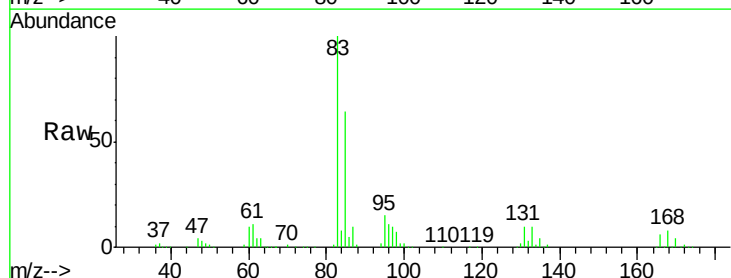
Tgt Ion: 83 Resp: 458473

Ion Ratio Lower Upper

83 100

85 64.1 45.5 84.5

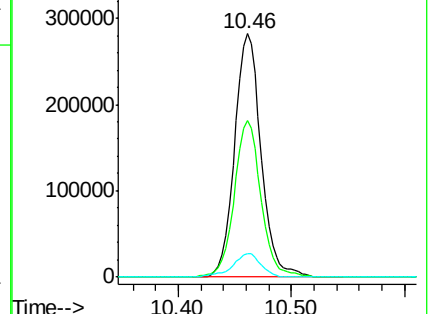
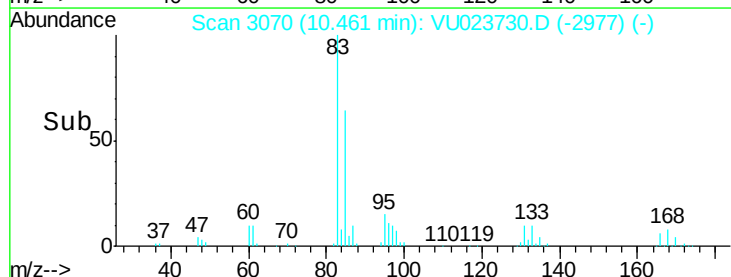
131 9.7 7.6 11.4

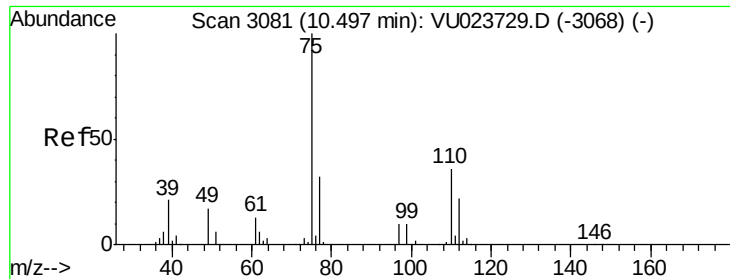


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

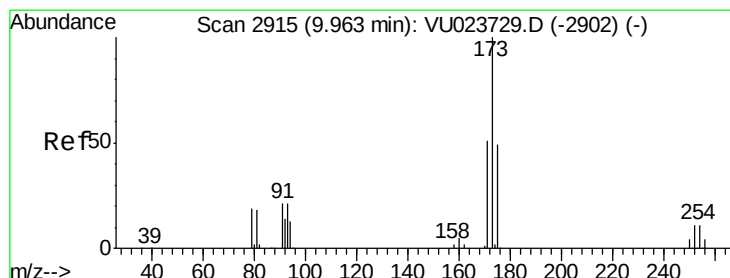
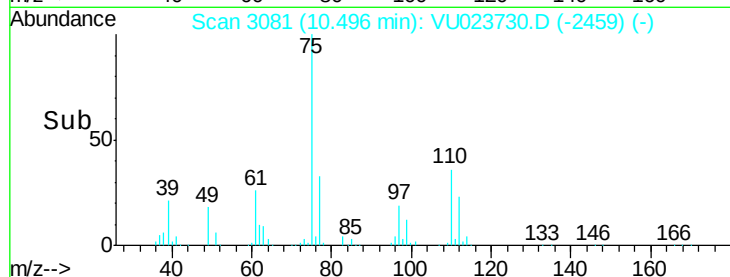
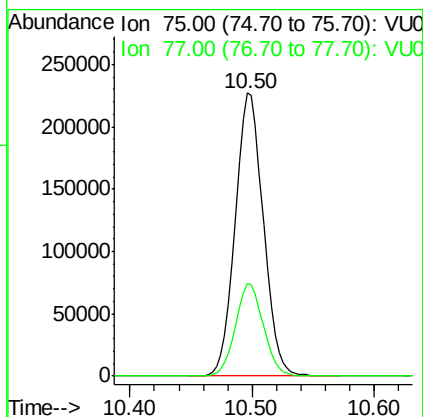
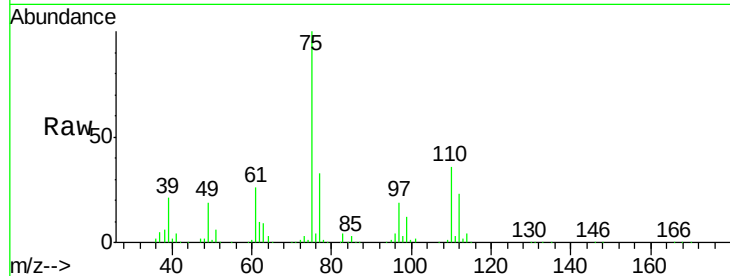
Ion 131.00 (130.70 to 131.70): V





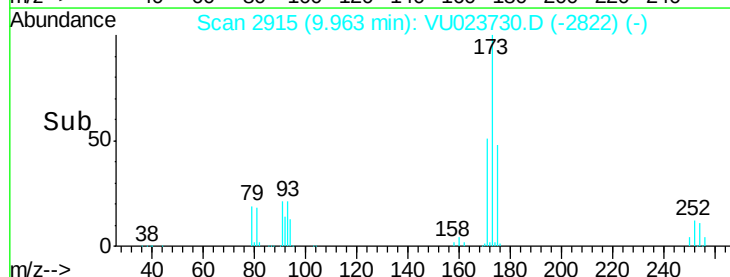
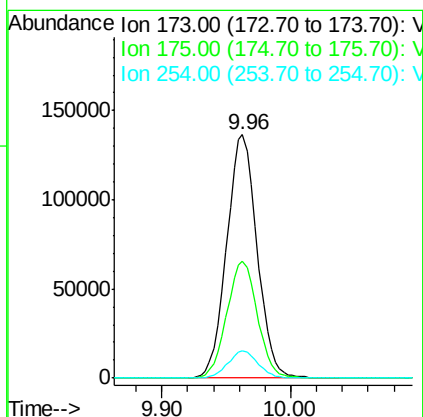
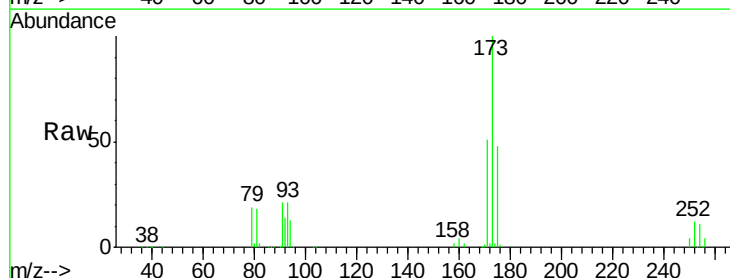
#59
 1,2,3-Trichloropropane
 Concen: 98.74 ug/L
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU023730.D
 Acq: 08 May 2018 12:05

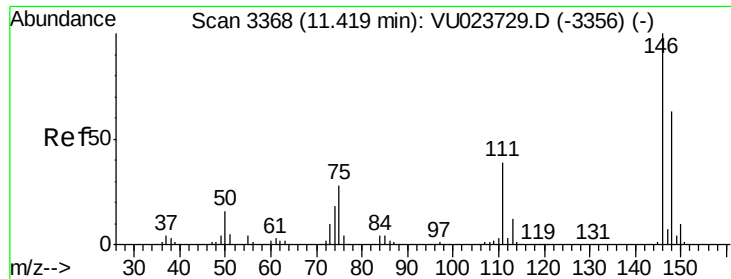
Tgt Ion: 75 Resp: 362652
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4



#61
 Bromoform
 Concen: 100.59 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU023730.D
 Acq: 08 May 2018 12:05

Tgt Ion: 173 Resp: 222694
 Ion Ratio Lower Upper
 173 100
 175 48.4 38.9 58.3
 254 11.1 8.6 13.0





#62

1,3-Dichlorobenzene

Concen: 95.80 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VU023730.D

Acq: 08 May 2018 12:05

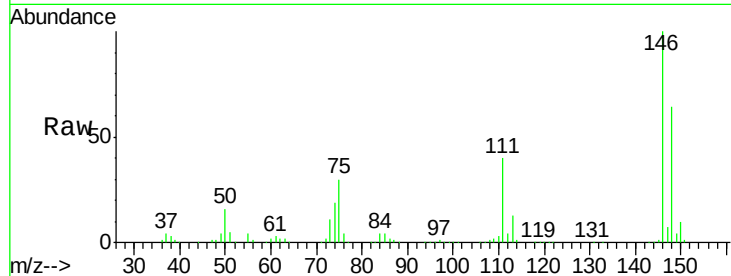
Tgt Ion:146 Resp: 605232

Ion Ratio Lower Upper

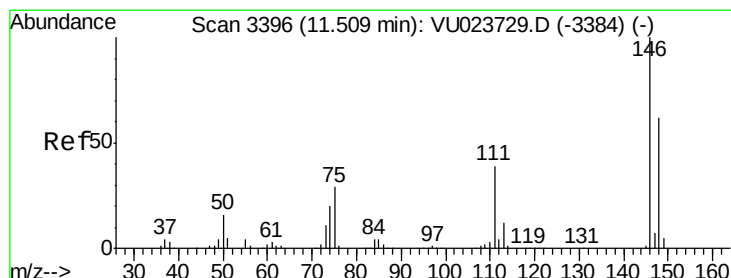
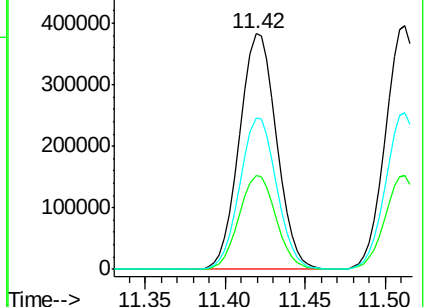
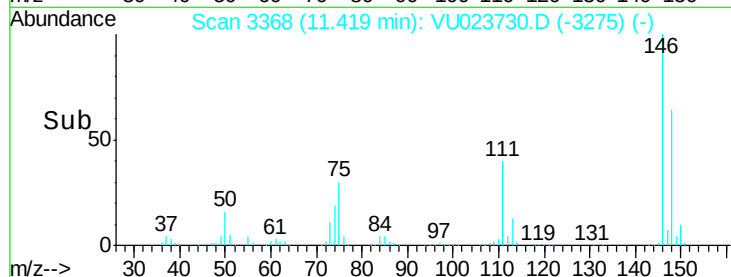
146 100

111 39.7 27.5 51.1

148 64.2 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: 93.96 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU023730.D

Acq: 08 May 2018 12:05

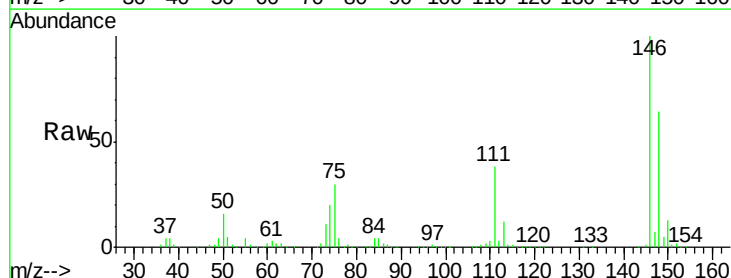
Tgt Ion:146 Resp: 617101

Ion Ratio Lower Upper

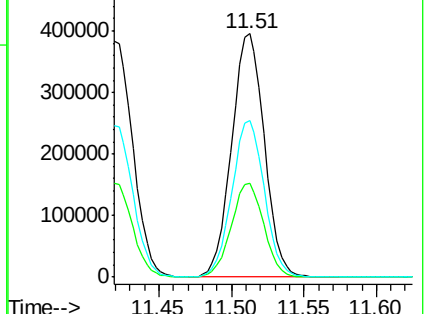
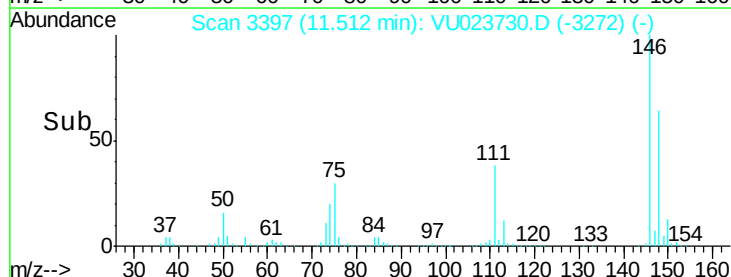
146 100

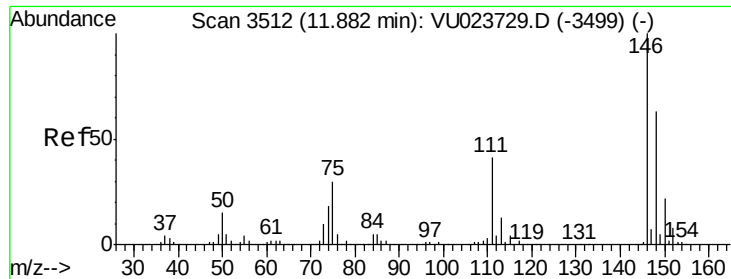
111 38.4 27.3 50.7

148 64.3 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: 94.97 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU023730.D

Acq: 08 May 2018 12:05

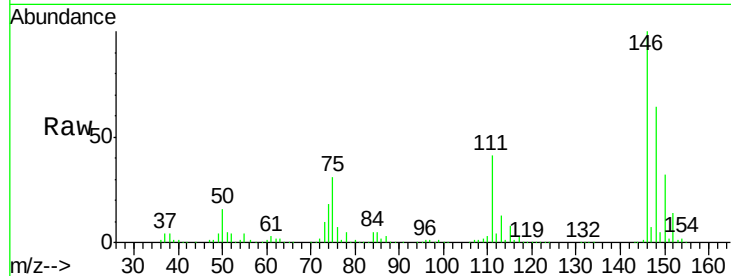
Tgt Ion: 146 Resp: 613669

Ion Ratio Lower Upper

146 100

111 40.8 32.5 48.7

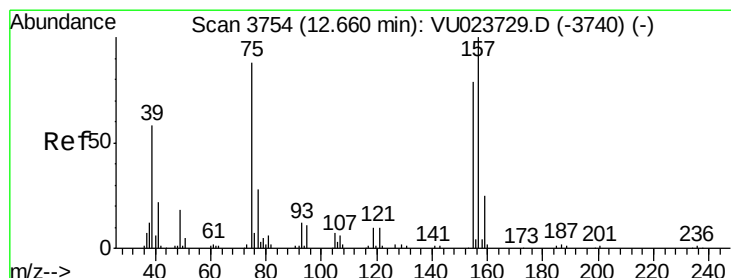
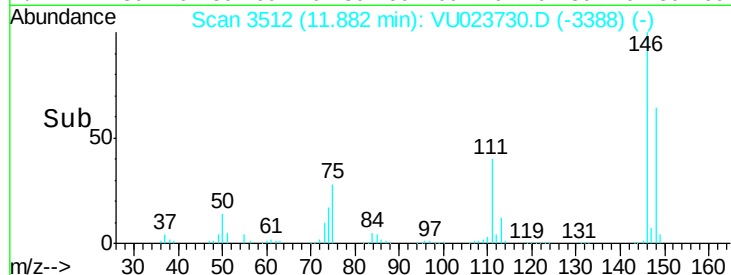
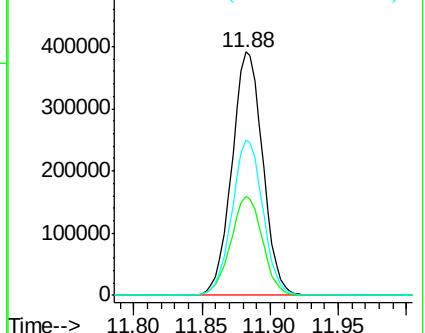
148 63.6 50.3 75.5



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



#66

1,2-Dibromo-3-chloropropane

Concen: 106.34 ug/L

RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

Lab File: VU023730.D

Acq: 08 May 2018 12:05

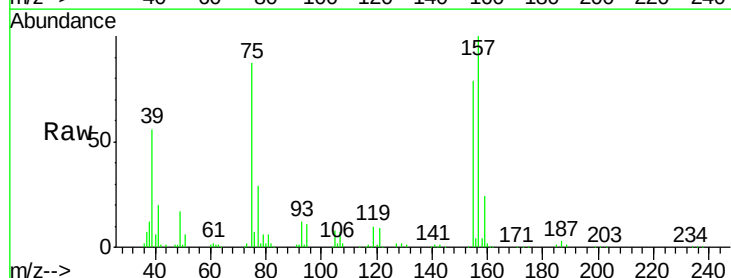
Tgt Ion: 75 Resp: 100948

Ion Ratio Lower Upper

75 100

155 90.3 71.7 107.5

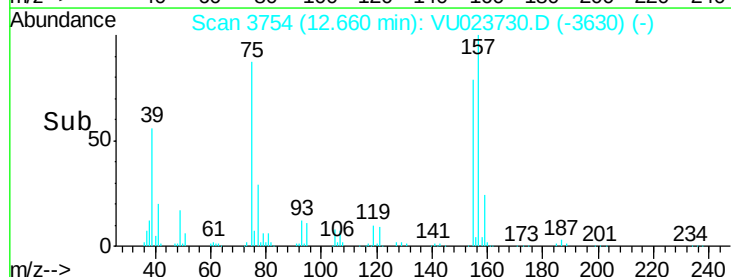
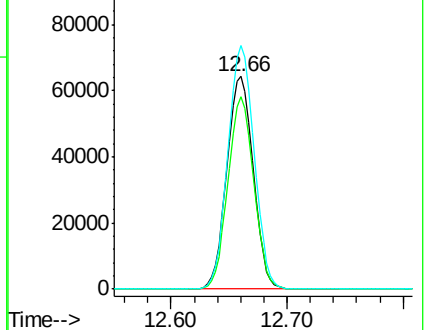
157 114.6 90.6 136.0

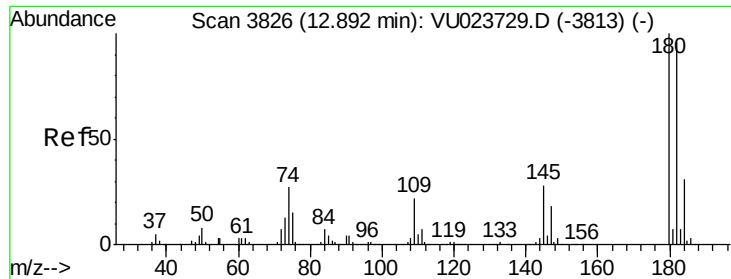


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

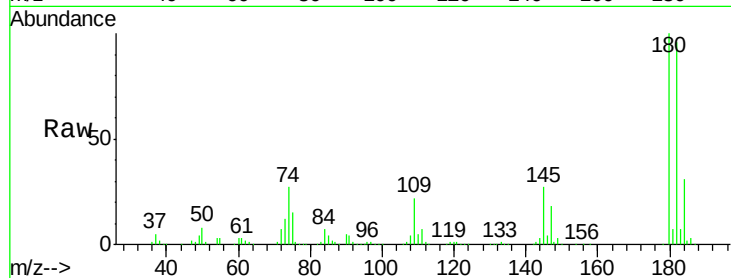
Ion 157.00 (156.70 to 157.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 95.02 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU023730.D
 Acq: 08 May 2018 12:05

Tgt Ion:	180	Resp:	499803
Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.7	115.1
184	30.2	24.6	36.8
145	27.5	22.2	33.4

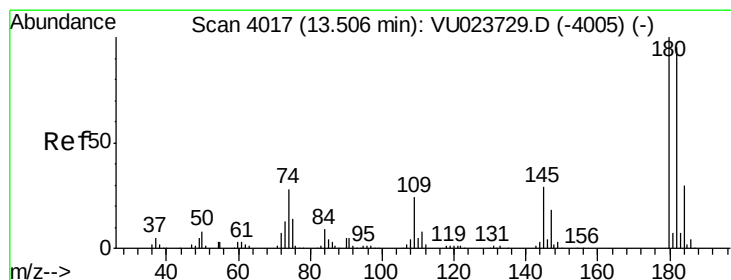
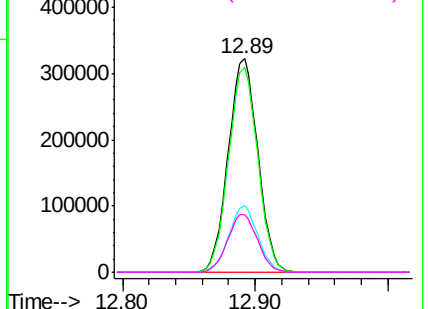
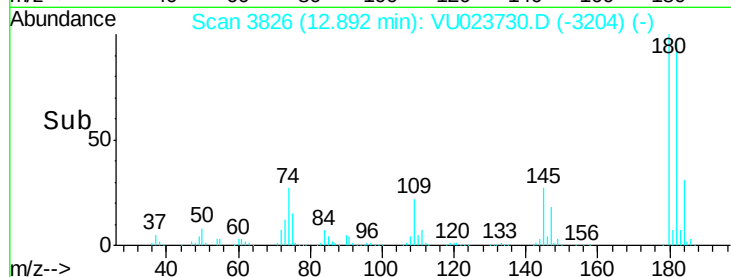


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

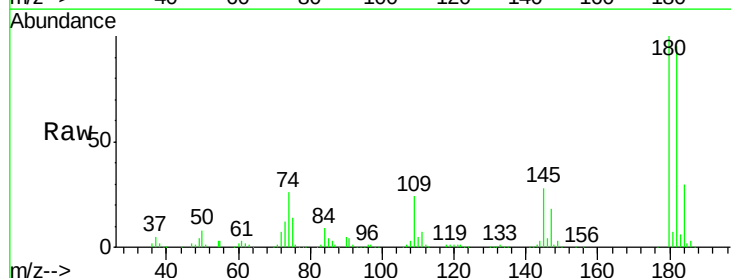
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 100.99 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU023730.D
 Acq: 08 May 2018 12:05

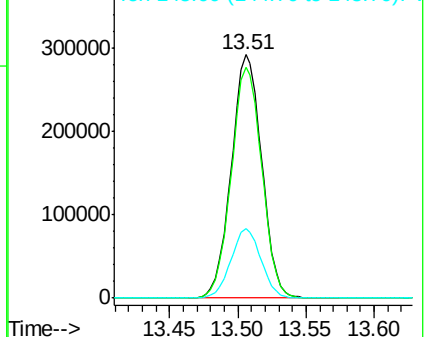
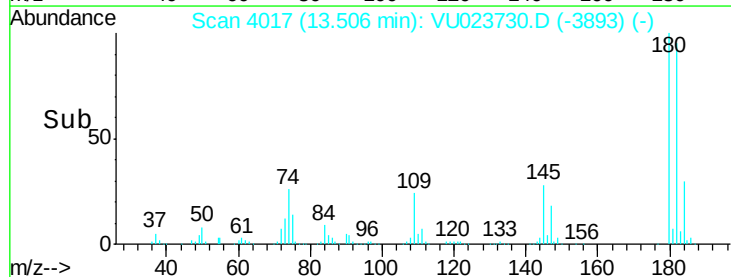
Tgt Ion:	180	Resp:	451724
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	115.0
145	28.2	22.7	34.1

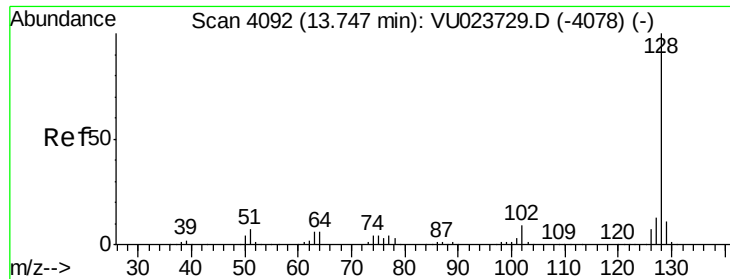


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

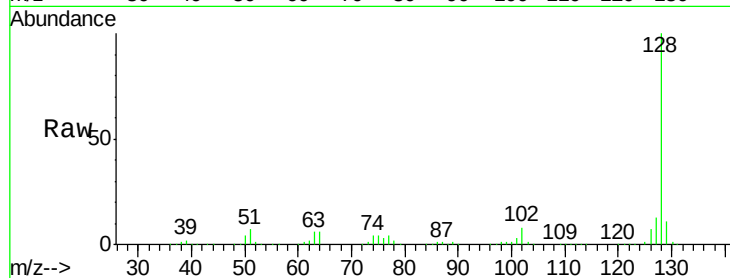




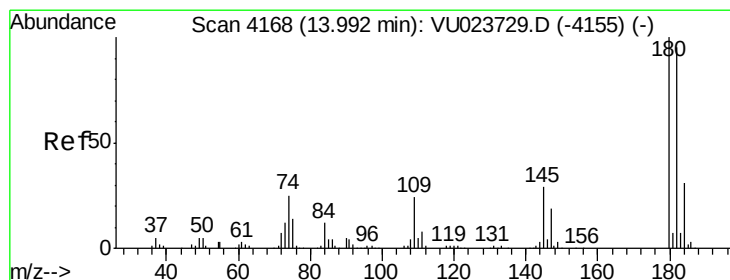
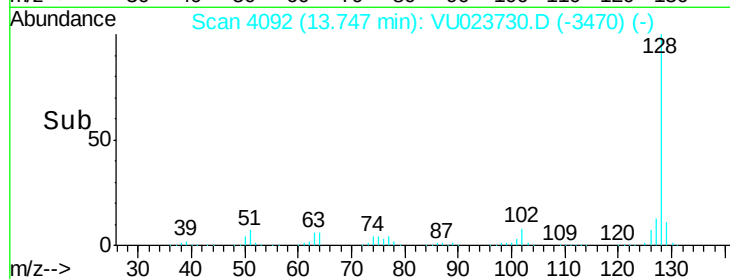
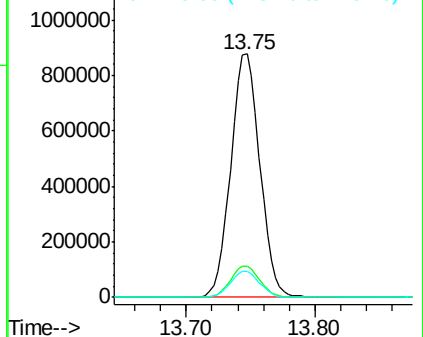
#69
Naphthalene
Concen: 117.07 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

Tgt Ion:128 Resp: 1376301

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.7	13.1



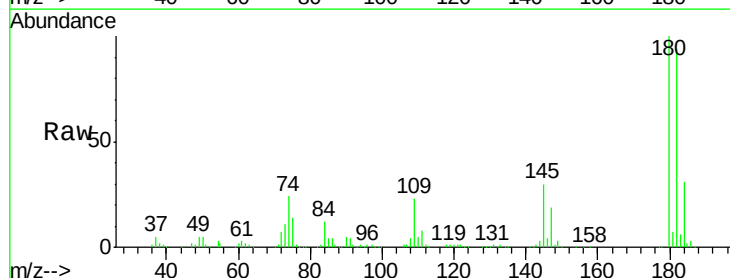
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#70
1,2,3-Trichlorobenzene
Concen: 101.15 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU023730.D
Acq: 08 May 2018 12:05

Tgt Ion:180 Resp: 460623

Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.6
145	30.1	23.6	35.4



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

