

Data File : VU023727.D
Acq On : 08 May 2018 10:47
Operator : MD/SY
Sample : VSTD00553
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 09 01:35:30 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	337343	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	323869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	165806	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	14554	6.04	ug/L	0.00
7) Chloroethane-d5	1.68	69	10970	5.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	26879	5.80	ug/L	0.00
21) 2-Butanone-d5	4.18	46	19439	11.57	ug/L	0.00
24) Chloroform-d	4.65	84	22652	5.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	15462	5.67	ug/L	0.00
32) Benzene-d6	5.35	84	49270	5.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	16401	5.65	ug/L	0.00
41) Toluene-d8	7.57	98	44508	5.56	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	6340	5.09	ug/L	0.00
47) 2-Hexanone-d5	8.32	63	11713	10.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	21436	5.66	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.87	152	18918	5.83	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	18199	5.18	ug/L	99
3) Chloromethane	1.33	50	16582	4.51	ug/L	98
5) Vinyl chloride	1.40	62	18774	5.26	ug/L	# 51
6) Bromomethane	1.63	94	5818	3.20	ug/L	87
8) Chloroethane	1.70	64	11694	5.38	ug/L	92
9) Trichlorofluoromethane	1.89	101	22379	5.51	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	14653	5.72	ug/L	97
12) 1,1-Dichloroethene	2.29	96	13031	5.42	ug/L	93
13) Acetone	2.32	43	25687	10.81	ug/L	100
14) Carbon disulfide	2.48	76	43926	5.35	ug/L	99
15) Methyl Acetate	2.62	43	18518	5.74	ug/L	94
16) Methylene chloride	2.71	84	16392	5.46	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	14848	5.63	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	43301	5.51	ug/L	100
19) 1,1-Dichloroethane	3.45	63	28474	5.45	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	16581	5.64	ug/L	95
22) 2-Butanone	4.27	43	27793	10.37	ug/L	98
23) Bromochloromethane	4.55	128	8017	5.42	ug/L	98
25) Chloroform	4.68	83	29554	5.55	ug/L	98
27) 1,2-Dichloroethane	5.41	62	21924	5.51	ug/L	99
29) Cyclohexane	5.00	56	23358	5.01	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	22261	5.51	ug/L	99
31) Carbon tetrachloride	5.14	117	18581	5.29	ug/L	99
33) Benzene	5.40	78	60636	5.42	ug/L	100
34) Trichloroethene	6.19	95	15703	5.44	ug/L	99
35) Methylcyclohexane	6.42	83	23423	5.25	ug/L	98
37) 1,2-Dichloropropane	6.44	63	17265	5.36	ug/L	100
38) Bromodichloromethane	6.76	83	19704	5.41	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	21956	4.95	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	42214	10.59	ug/L	100

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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	61310	5.28	ug/L	99
44) trans-1,3-Dichloropropene	7.89	75	19280	4.88	ug/L	98
45) 1,1,2-Trichloroethane	8.08	97	15015	5.45	ug/L	96
46) Tetrachloroethene	8.23	164	13359	5.71	ug/L	95
48) 2-Hexanone	8.37	43	33866	9.83	ug/L	98
49) Dibromochloromethane	8.48	129	14979	5.17	ug/L	98
50) 1,2-Dibromoethane	8.59	107	15026	5.38	ug/L	95
51) Chlorobenzene	9.12	112	42792	5.50	ug/L	99
52) Ethylbenzene	9.26	91	66983	5.30	ug/L	98
53) m,p-Xylene	9.38	106	25240	5.25	ug/L	99
54) o-xylene	9.79	106	24998	5.47	ug/L	91
55) Styrene	9.80	104	39272	4.91	ug/L	97
56) Isopropylbenzene	10.17	105	63620	5.28	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	25547	5.62	ug/L	96
59) 1,2,3-Trichloropropane	10.50	75	20538	5.69	ug/L	99
61) Bromoform	9.96	173	11469	5.52	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	32783	5.53	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	35536	5.77	ug/L	99
65) 1,2-Dichlorobenzene	11.89	146	34054	5.62	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	5150	5.78	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	27786	5.63	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	21320	5.08	ug/L	100
69) Naphthalene	13.75	128	55011	4.99	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	22822	5.34	ug/L	98

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

Abundance

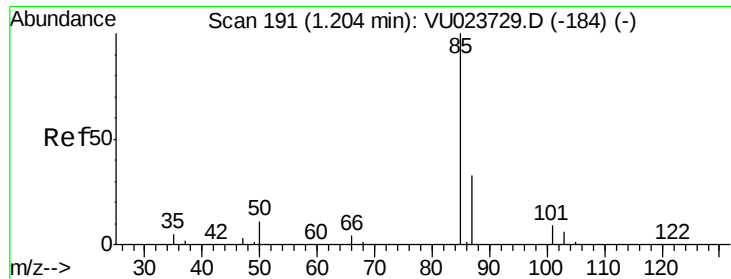
TIC: VU023727.D

Time-->

1.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00 17.00

1700000
1600000
1500000
1400000
1300000
1200000
1100000
1000000
900000
800000
700000
600000
500000
400000
300000
200000
100000
0

Dichlorodifluoromethane, T
1,1,1-Trichloro-2,2,2-trifluoroethane, T
Trichlorofluoromethane, T
Acetone, T
Carbon disulfide, T
Methyl chloride, T
Methyl 2-chloroethyl ether, T
1,1-Dichloroethane, T
2,2-Dichloropropane, T
Bromochloromethane, T
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
1,2-Dichloroethane, T
1,4-Difluorobenzene, I
Trichloroethene, T
1,2-Dichloroethane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-methylpentanone, T
trans-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
1,1,2,2-Tetrachloroethane, T
1,2-Dichlorobenzene, T
Chlorobenzene, I
Ethylbenzene, I
Styrene, T
Bromoform, T
Isopropylbenzene, T
1,1,2,2-Tetrachloroethane, T
1,3-Dichlorobenzene, T
1,4-Dichlorobenzene, T
1,2-Dichlorobenzene, I
1,2-Dibromo-3-chloropropane, T
1,3,5-Trichlorobenzene
1,2,4-trichlorobenzene, T
Naphthalene
1,2,3-Trichlorobenzene, T



#2

Dichlorodifluoromethane

Concen: 5.18 ug/L

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU023727.D

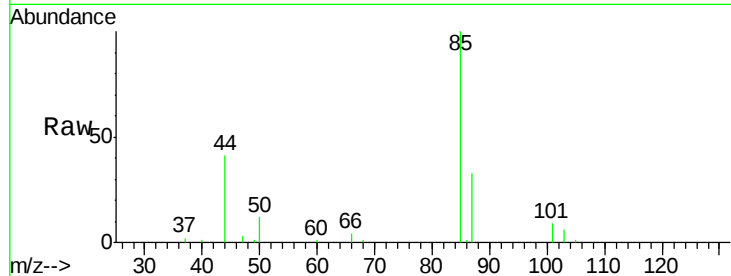
Acq: 08 May 2018 10:47

Tgt Ion: 85 Resp: 18199

Ion Ratio Lower Upper

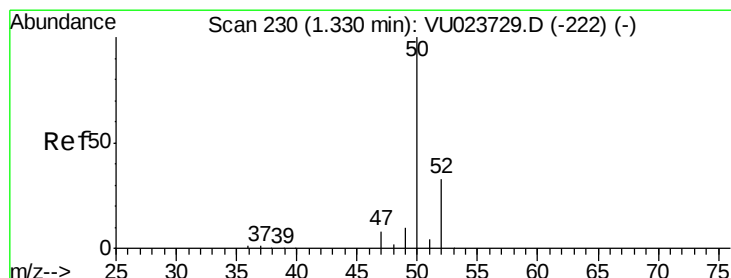
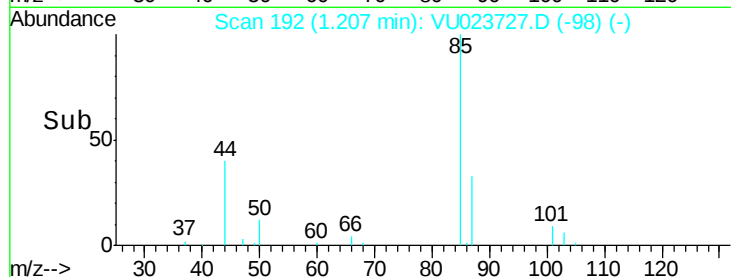
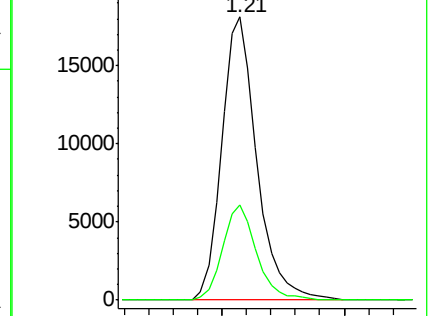
85 100

87 32.4 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: 4.51 ug/L

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU023727.D

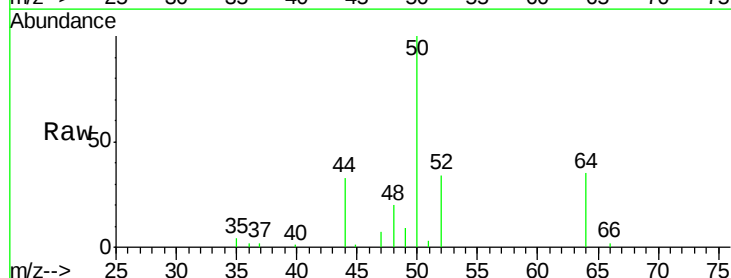
Acq: 08 May 2018 10:47

Tgt Ion: 50 Resp: 16582

Ion Ratio Lower Upper

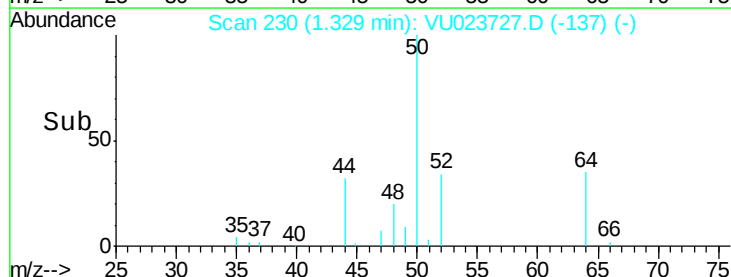
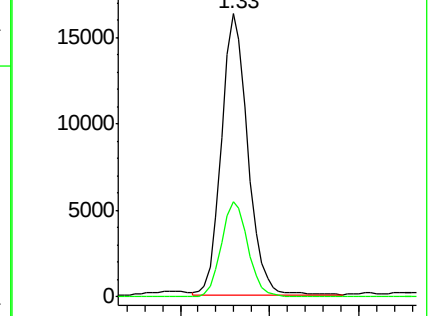
50 100

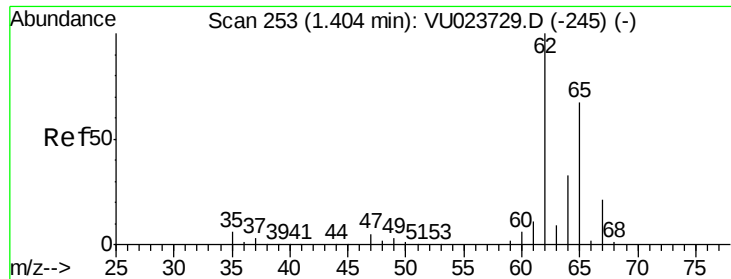
52 33.8 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 5.26 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023727.D

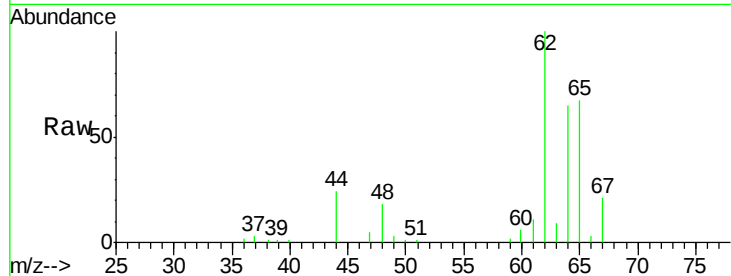
Acq: 08 May 2018 10:47

Tgt Ion: 62 Resp: 18774

Ion Ratio Lower Upper

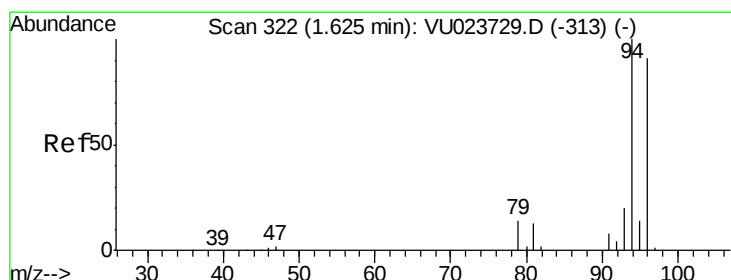
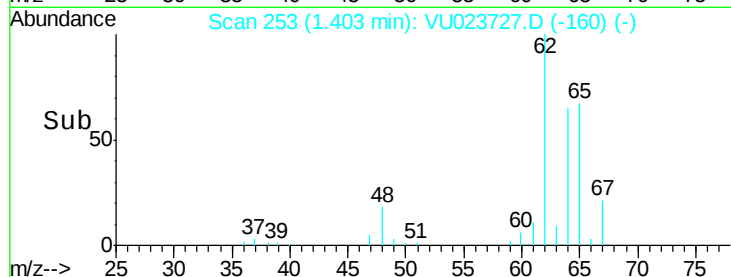
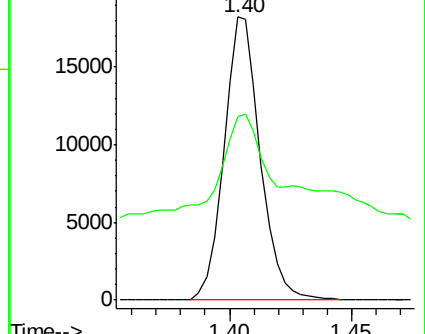
62 100

64 64.9 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: 3.20 ug/L

RT: 1.63 min Scan# 324

Delta R.T. 0.01 min

Lab File: VU023727.D

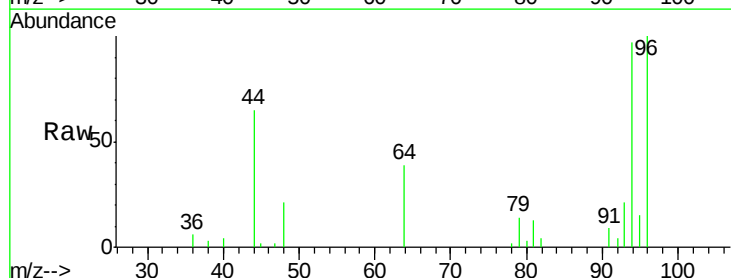
Acq: 08 May 2018 10:47

Tgt Ion: 94 Resp: 5818

Ion Ratio Lower Upper

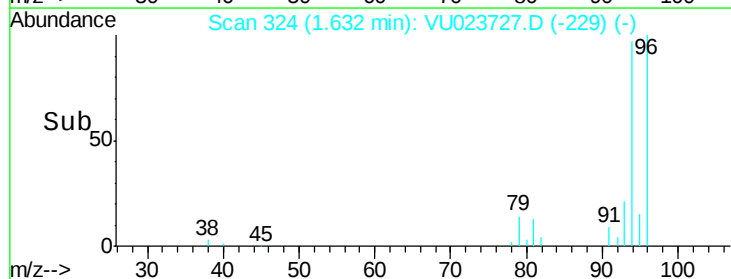
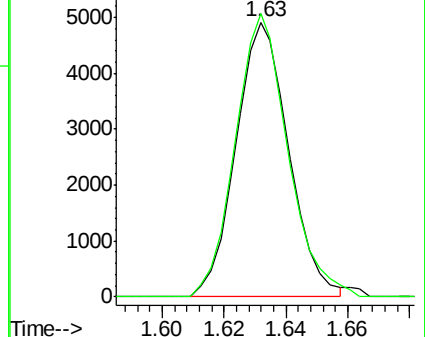
94 100

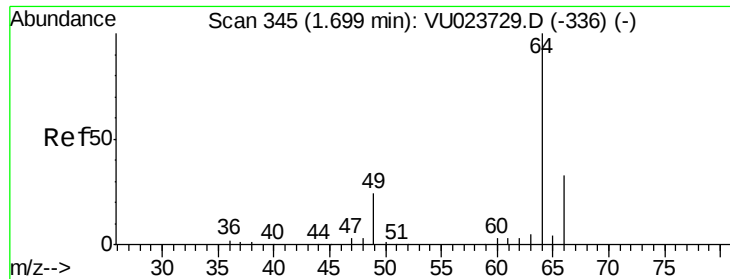
96 103.0 63.3 117.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 5.38 ug/L

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU023727.D

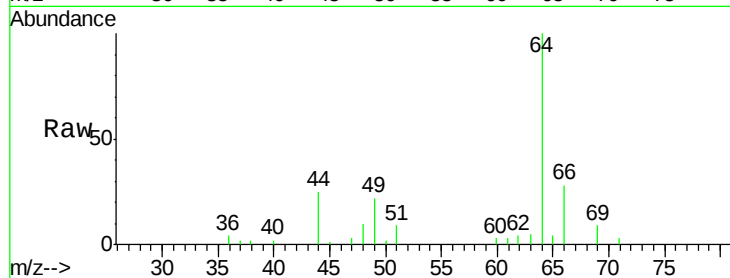
Acq: 08 May 2018 10:47

Tgt Ion: 64 Resp: 11694

Ion Ratio Lower Upper

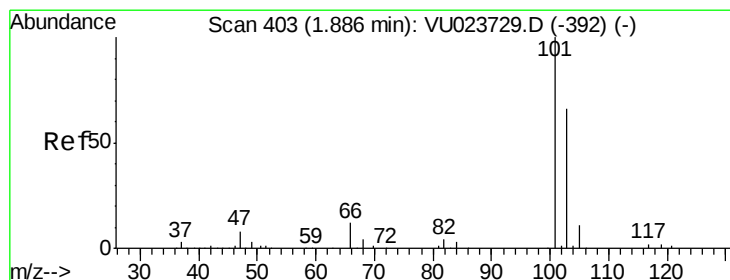
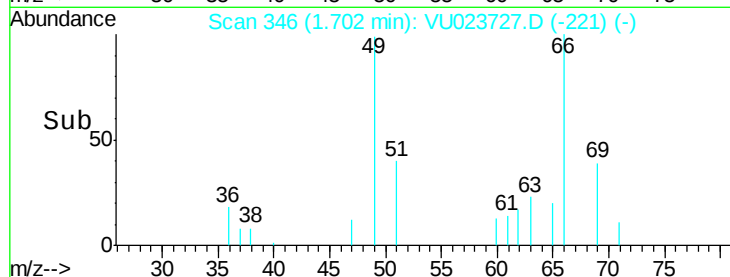
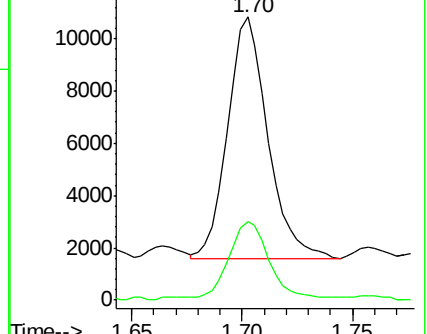
64 100

66 27.8 22.5 41.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



#9

Trichlorofluoromethane

Concen: 5.51 ug/L

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU023727.D

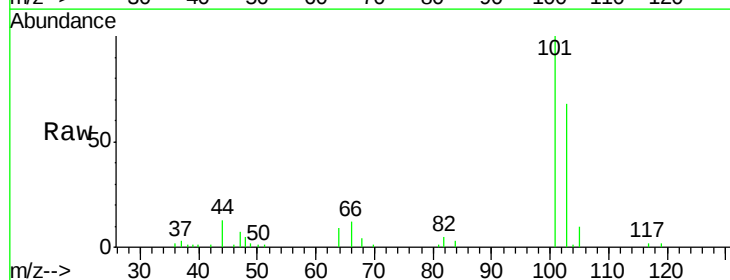
Acq: 08 May 2018 10:47

Tgt Ion: 101 Resp: 22379

Ion Ratio Lower Upper

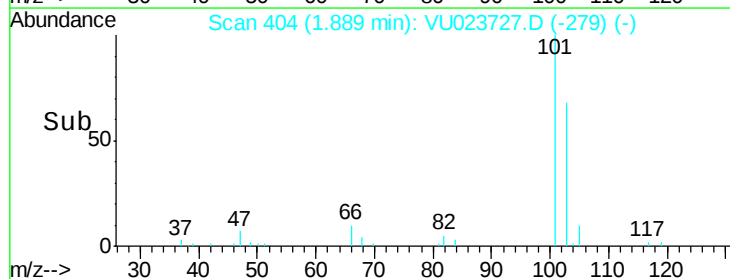
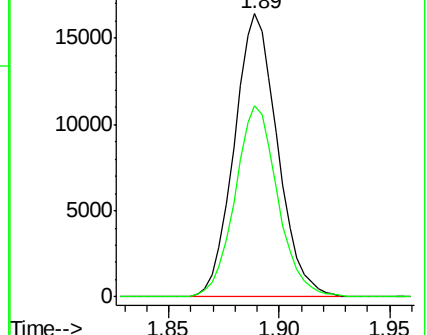
101 100

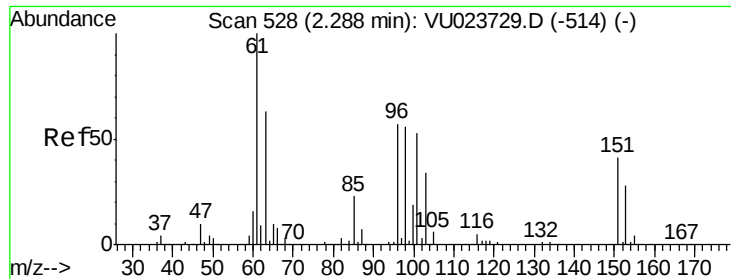
103 66.7 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 5.72 ug/L

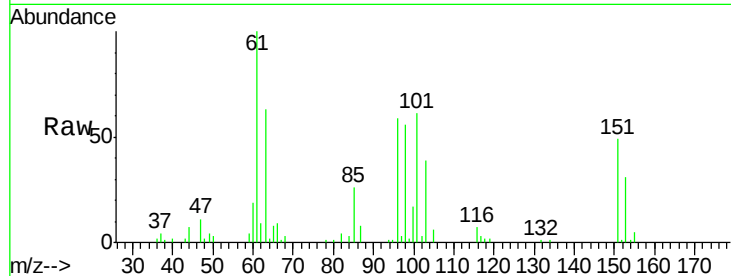
RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

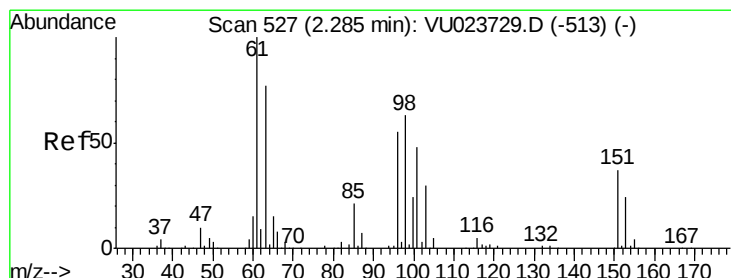
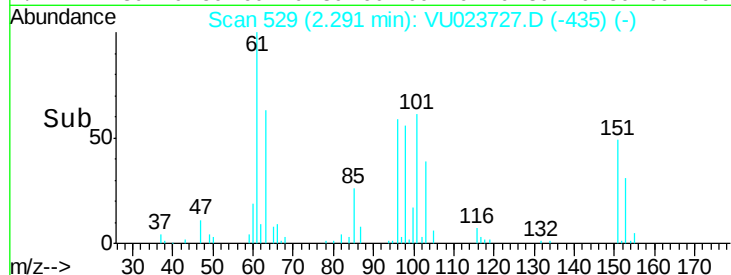
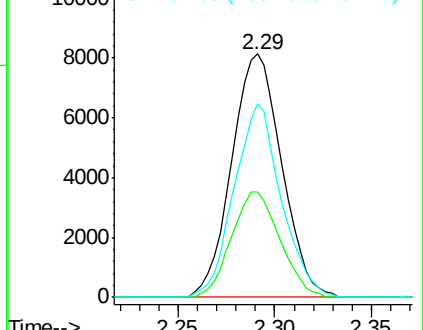
Tgt Ion:	101	Resp:	14653
Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.9	50.9
151	74.9	63.0	94.4



Abundance Ion 101.00 (100.70 to 101.70): VU023727.D (-435) (-)

Ion 85.00 (84.70 to 85.70): VU023727.D (-435) (-)

Ion 151.00 (150.70 to 151.70): VU023727.D (-435) (-)



#12

1,1-Dichloroethene

Concen: 5.42 ug/L

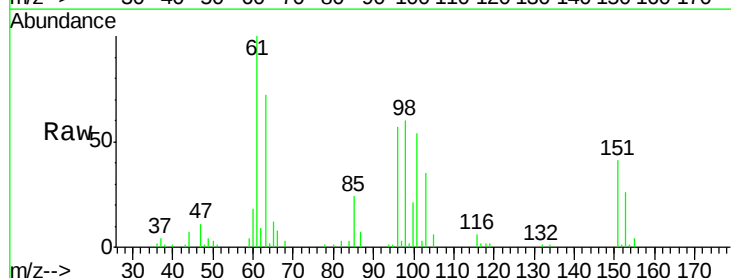
RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

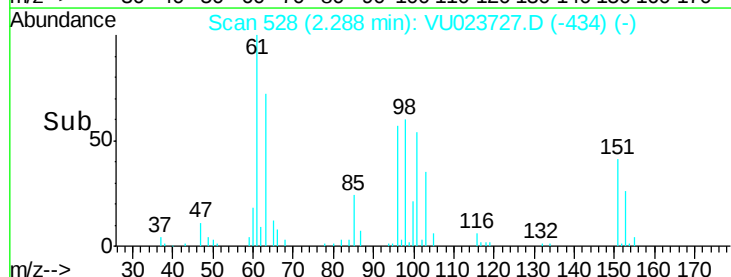
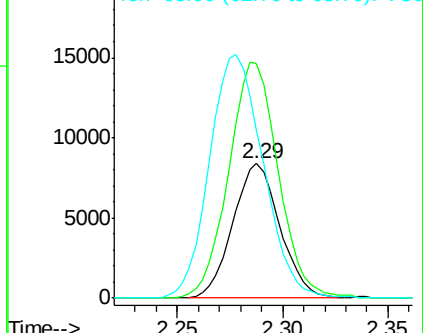
Tgt Ion:	96	Resp:	13031
Ion	Ratio	Lower	Upper
96	100		
61	174.4	126.4	234.8
63	125.2	97.3	180.7

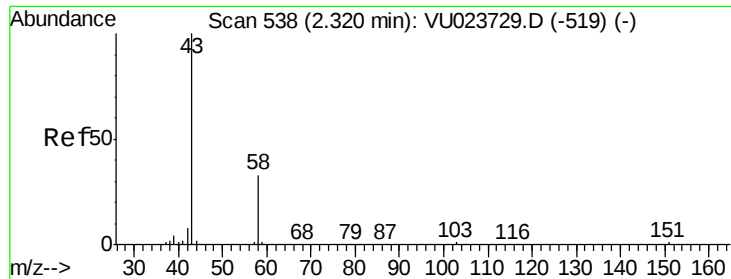


Abundance Ion 96.00 (95.70 to 96.70): VU023727.D (-434) (-)

Ion 61.00 (60.70 to 61.70): VU023727.D (-434) (-)

Ion 63.00 (62.70 to 63.70): VU023727.D (-434) (-)





#13

Acetone

Concen: 10.81 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU023727.D

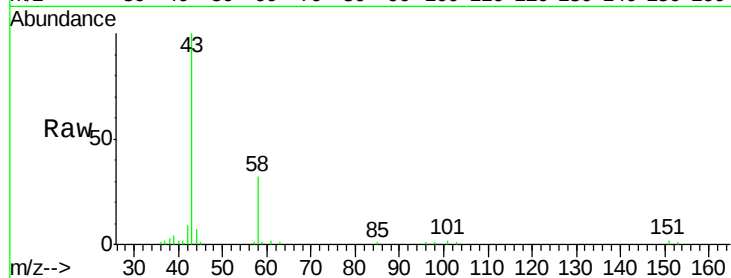
Acq: 08 May 2018 10:47

Tgt Ion: 43 Resp: 25687

Ion Ratio Lower Upper

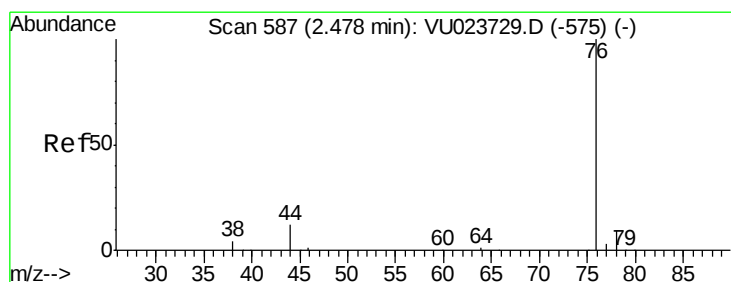
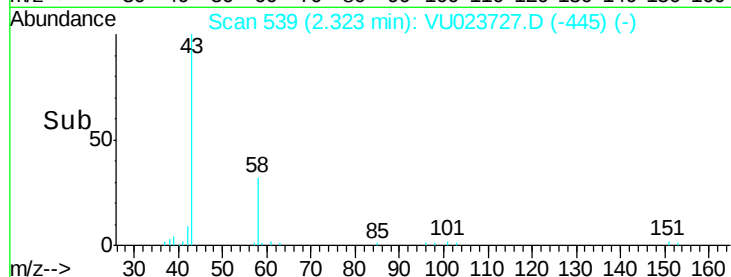
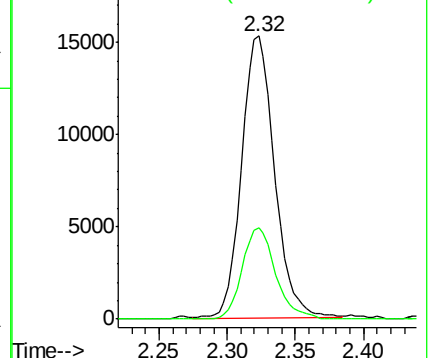
43 100

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: 5.35 ug/L

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU023727.D

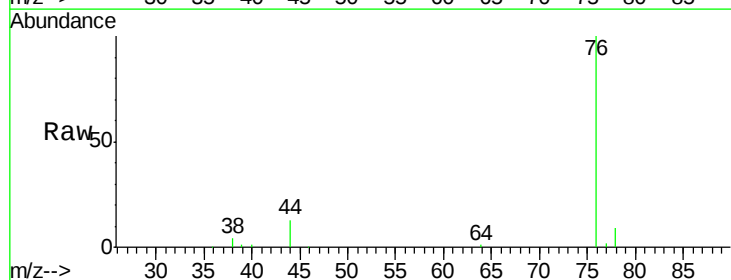
Acq: 08 May 2018 10:47

Tgt Ion: 76 Resp: 43926

Ion Ratio Lower Upper

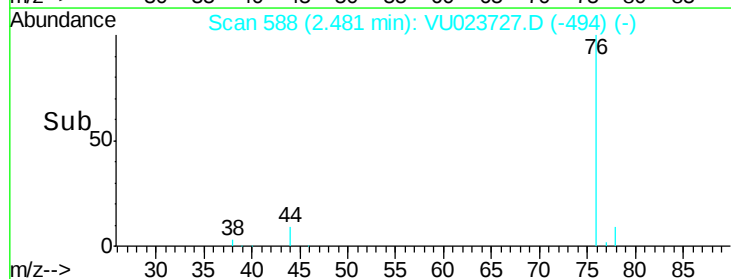
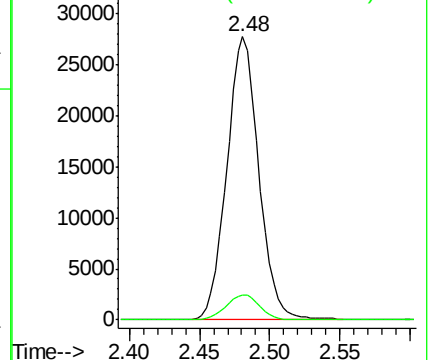
76 100

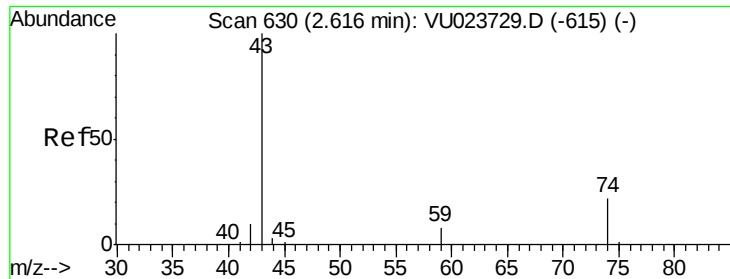
78 8.9 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VU0

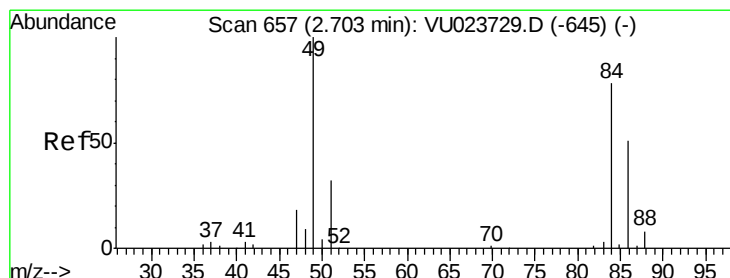
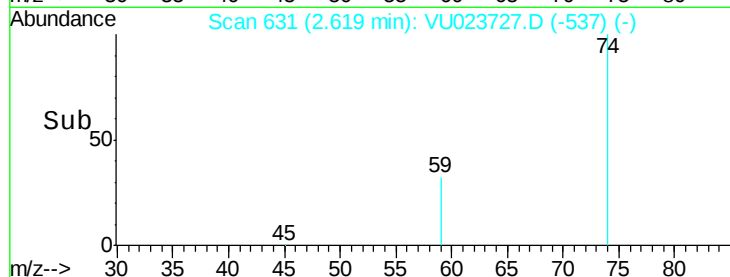
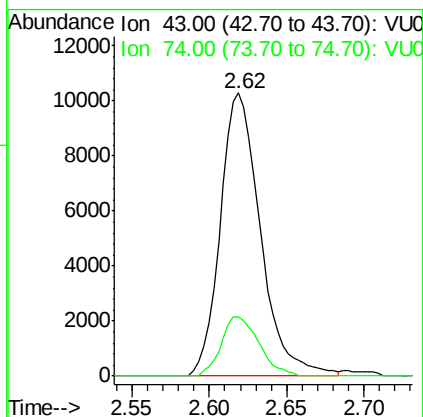
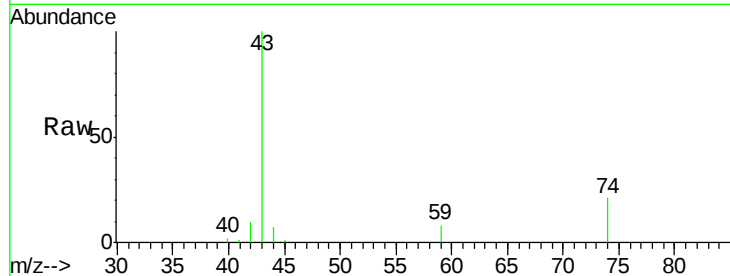
Ion 78.00 (77.70 to 78.70): VU0





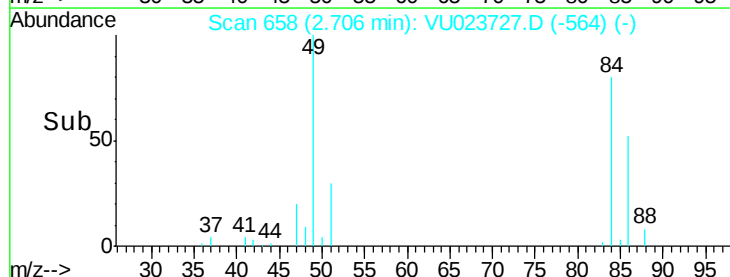
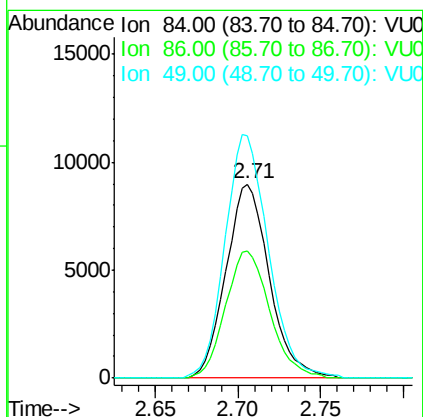
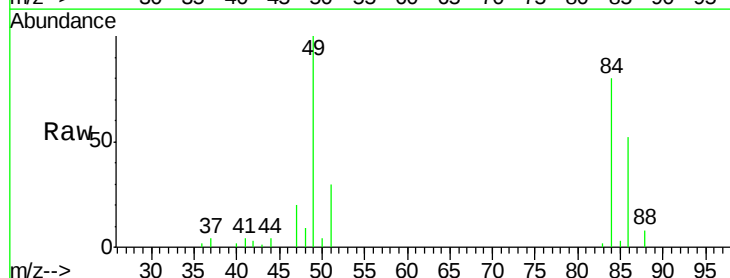
#15
Methyl Acetate
Concen: 5.74 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU023727.D
Acq: 08 May 2018 10:47

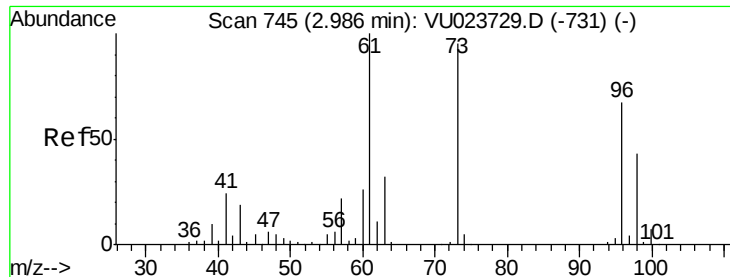
Tgt Ion: 43 Resp: 18518
Ion Ratio Lower Upper
43 100
74 19.6 18.0 27.0



#16
Methylene chloride
Concen: 5.46 ug/L
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU023727.D
Acq: 08 May 2018 10:47

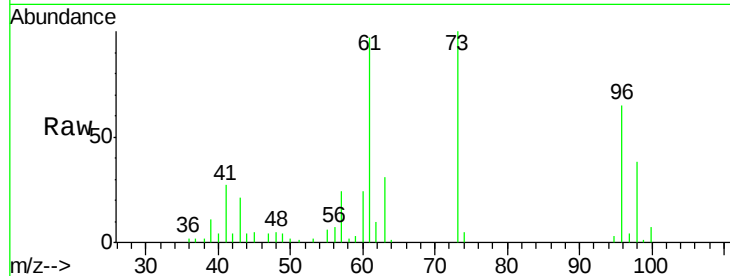
Tgt Ion: 84 Resp: 16392
Ion Ratio Lower Upper
84 100
86 65.6 45.8 85.2
49 125.1 90.4 167.8



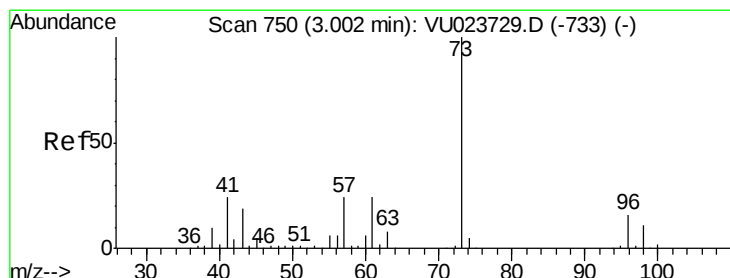
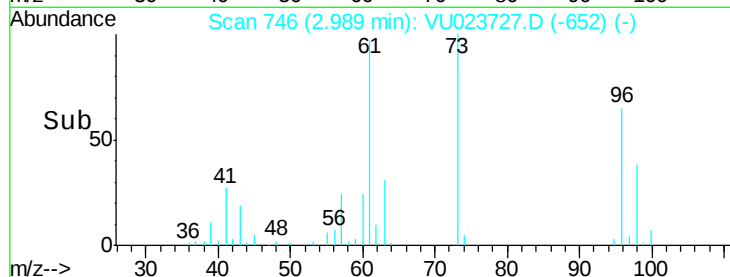
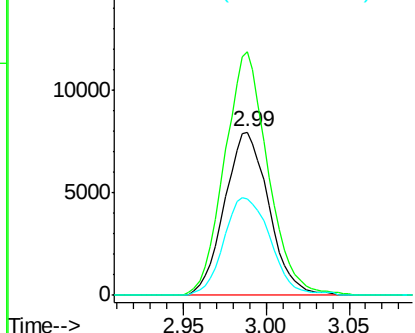


#17
trans-1,2-Dichloroethene
Concen: 5.63 ug/L
RT: 2.99 min Scan# 746
Delta R.T. 0.00 min
Lab File: VU023727.D
Acq: 08 May 2018 10:47

Tgt Ion: 96 Resp: 14848
Ion Ratio Lower Upper
96 100
61 148.9 103.7 192.7
98 58.7 44.4 82.5

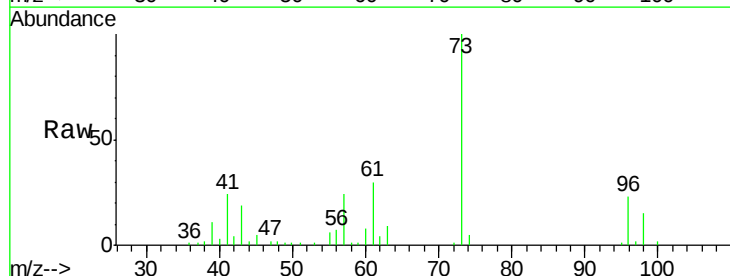


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

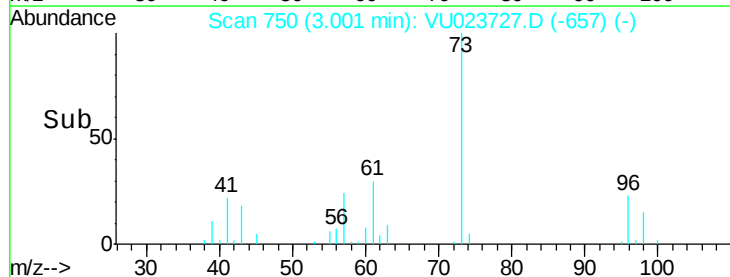
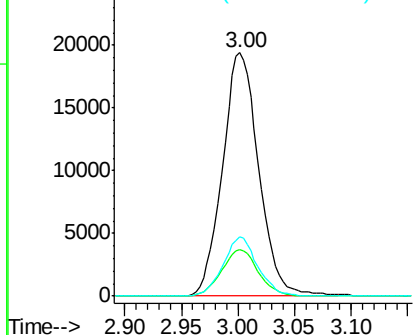


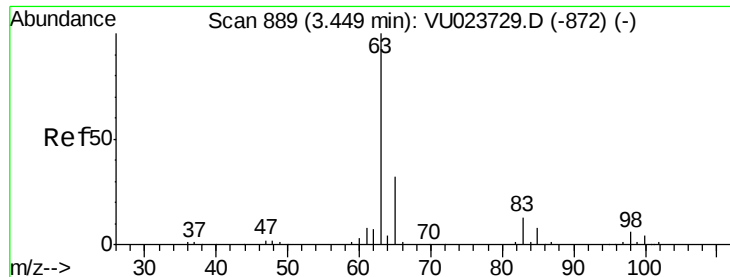
#18
Methyl tert-butyl Ether
Concen: 5.51 ug/L
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU023727.D
Acq: 08 May 2018 10:47

Tgt Ion: 73 Resp: 43301
Ion Ratio Lower Upper
73 100
43 19.3 15.4 23.0
57 23.0 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: 5.45 ug/L

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

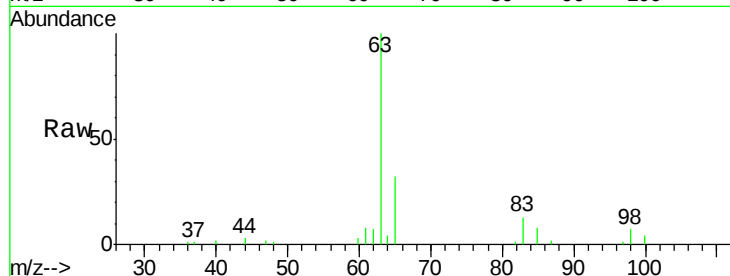
Tgt Ion: 63 Resp: 28474

Ion Ratio Lower Upper

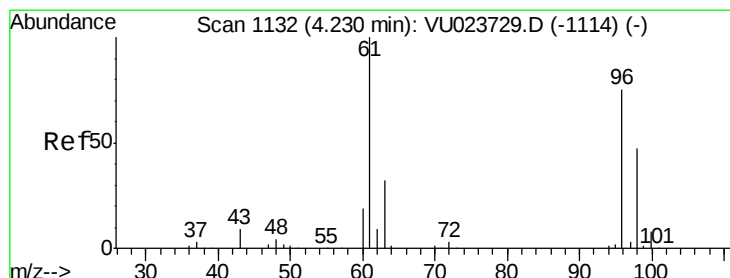
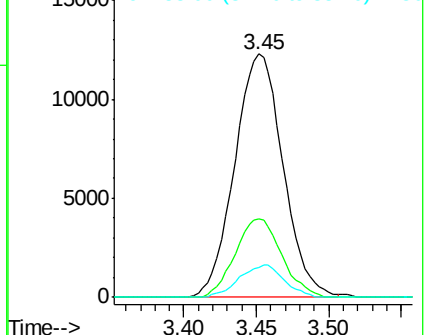
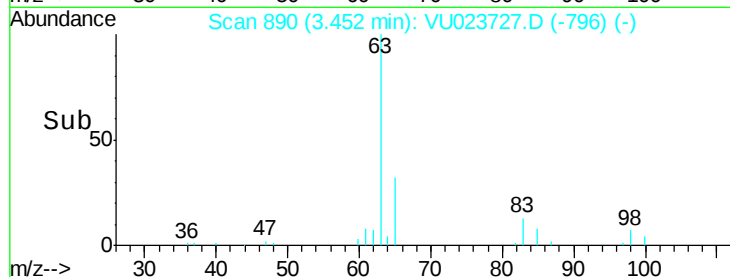
63 100

65 32.4 22.4 41.6

83 12.5 9.2 17.2



Abundance Ion 63.00 (62.70 to 63.70): VU023727.D (-1039) (-)



#20

cis-1,2-Dichloroethene

Concen: 5.64 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

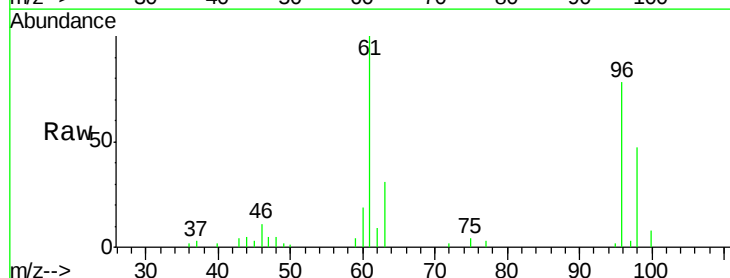
Tgt Ion: 96 Resp: 16581

Ion Ratio Lower Upper

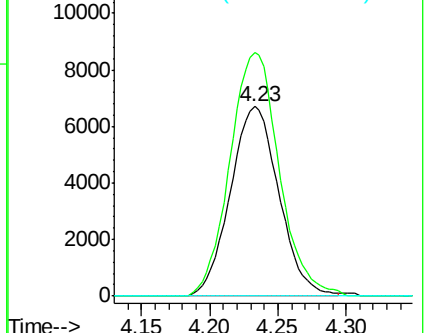
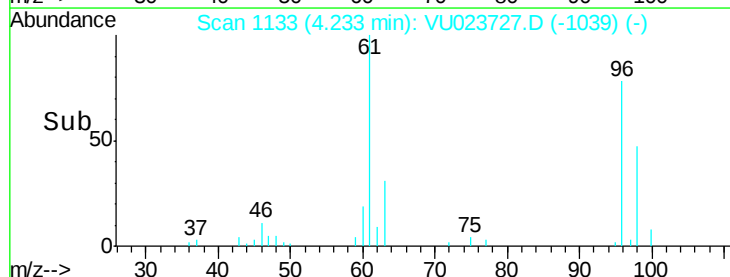
96 100

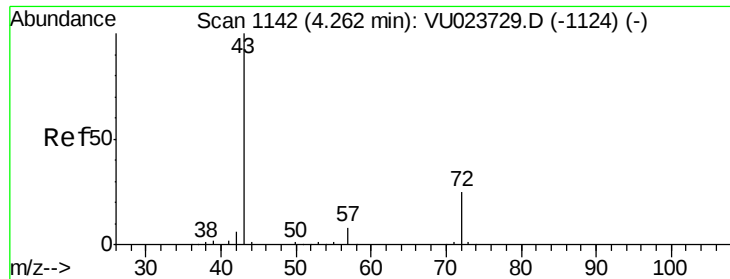
61 128.6 93.9 174.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU023727.D (-1039) (-)





#22

2-Butanone

Concen: 10.37 ug/L

RT: 4.27 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VU023727.D

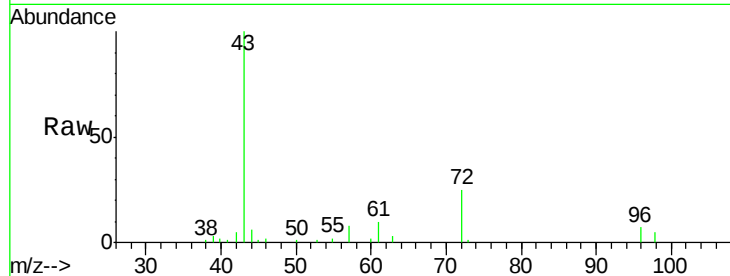
Acq: 08 May 2018 10:47

Tgt Ion: 43 Resp: 27793

Ion Ratio Lower Upper

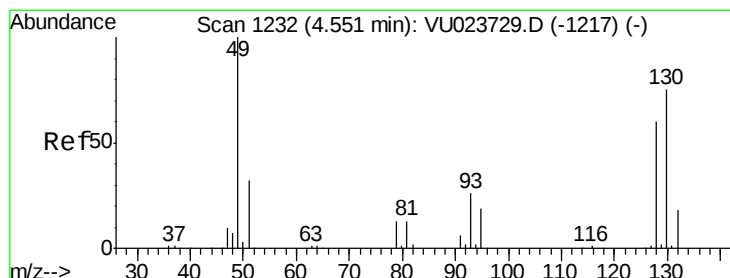
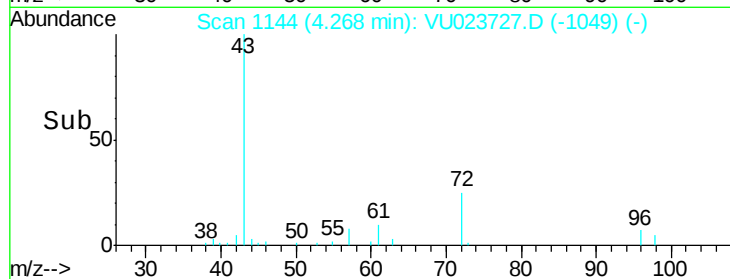
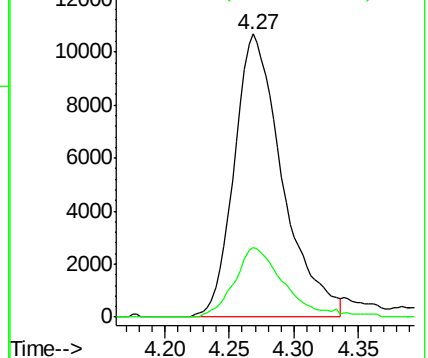
43 100

72 24.5 12.7 38.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#23

Bromochloromethane

Concen: 5.42 ug/L

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

Tgt Ion: 128 Resp: 8017

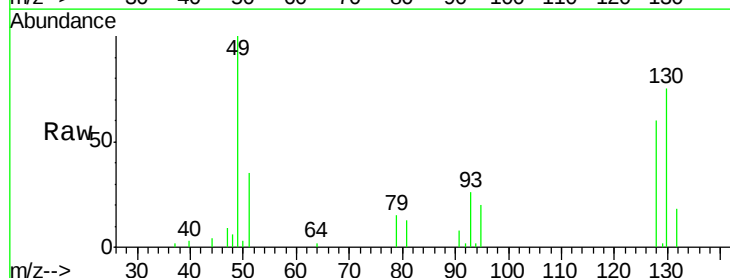
Ion Ratio Lower Upper

128 100

49 166.0 116.1 215.7

130 124.7 86.6 160.8

51 58.5 42.6 63.8

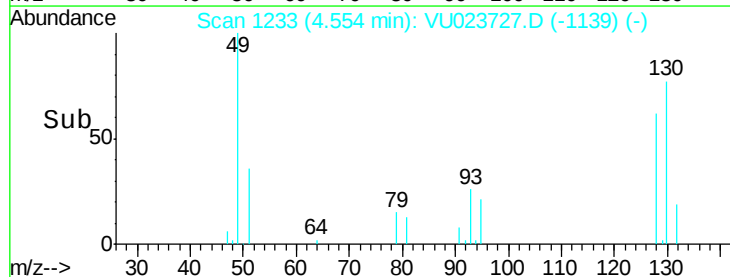
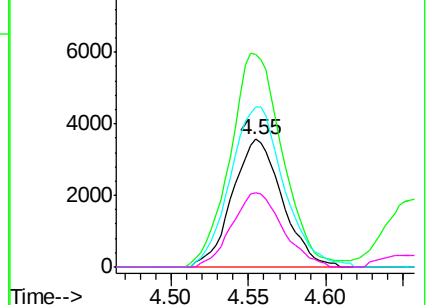


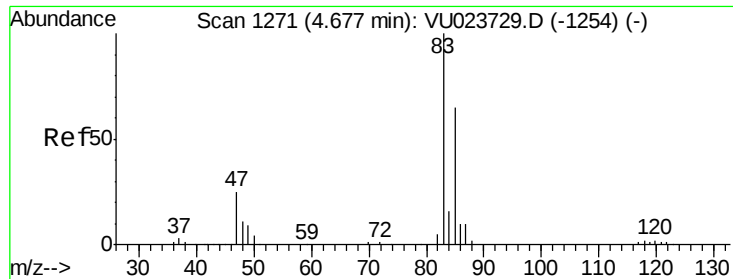
Abundance Ion 128.00 (127.70 to 128.70): V

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





#25

Chloroform

Concen: 5.55 ug/L

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU023727.D

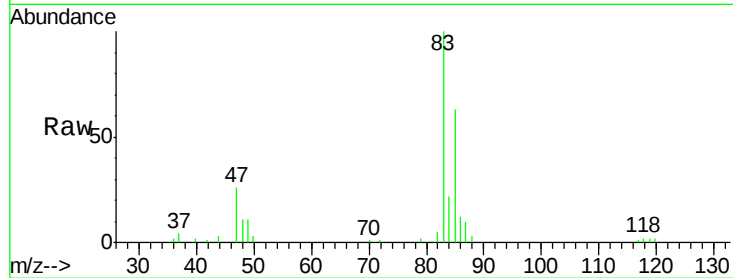
Acq: 08 May 2018 10:47

Tgt Ion: 83 Resp: 29554

Ion Ratio Lower Upper

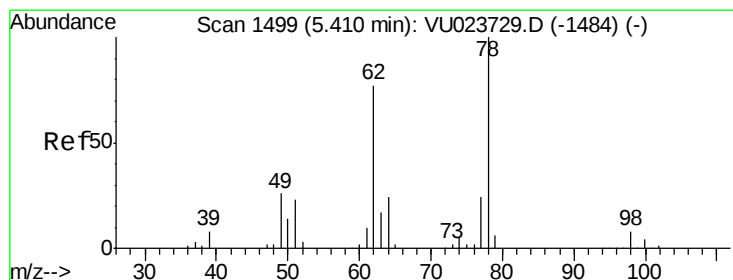
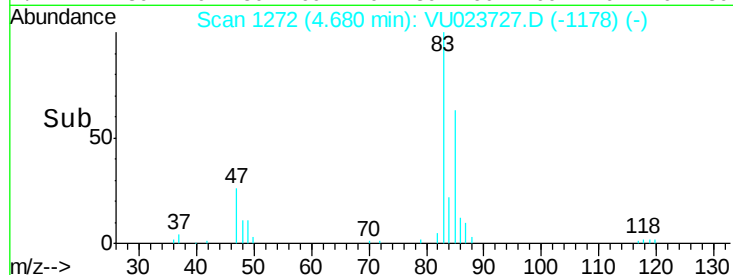
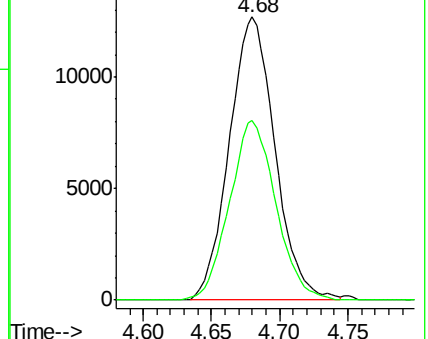
83 100

85 63.4 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#27

1,2-Dichloroethane

Concen: 5.51 ug/L

RT: 5.41 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VU023727.D

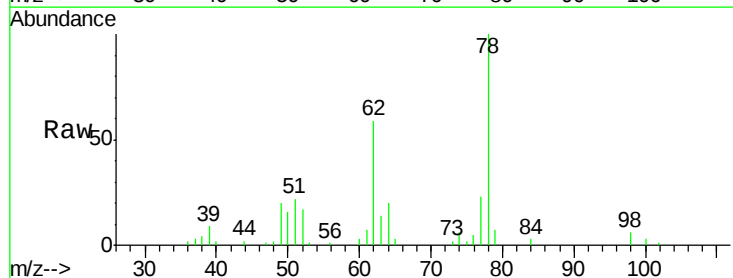
Acq: 08 May 2018 10:47

Tgt Ion: 62 Resp: 21924

Ion Ratio Lower Upper

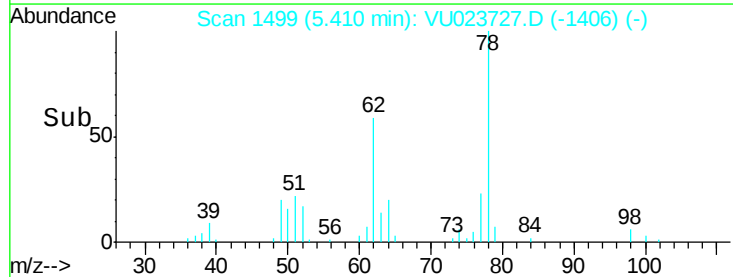
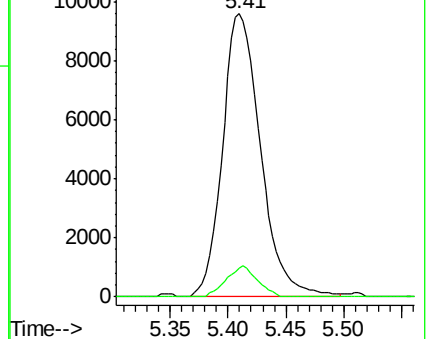
62 100

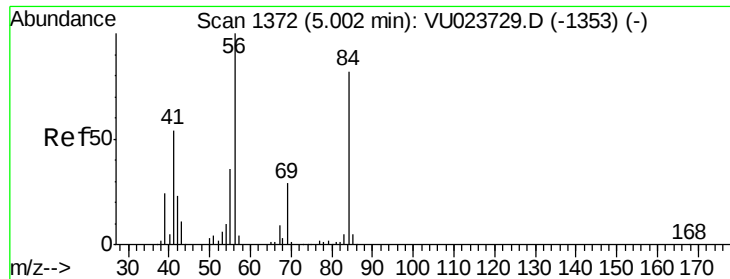
98 10.1 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#29

Cyclohexane

Concen: 5.01 ug/L

RT: 5.00 min Scan# 1372

Delta R.T. -0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

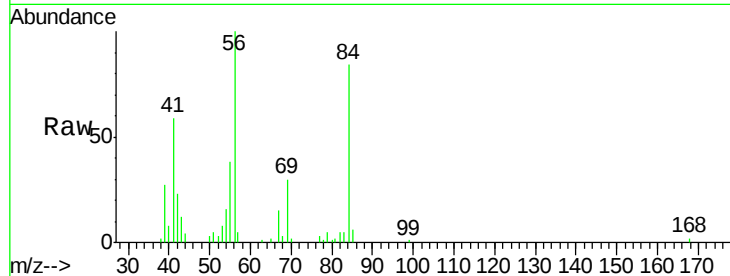
Tgt Ion: 56 Resp: 23358

Ion Ratio Lower Upper

56 100

69 29.2 23.6 35.4

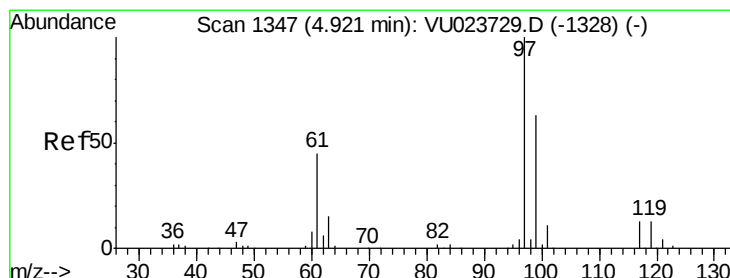
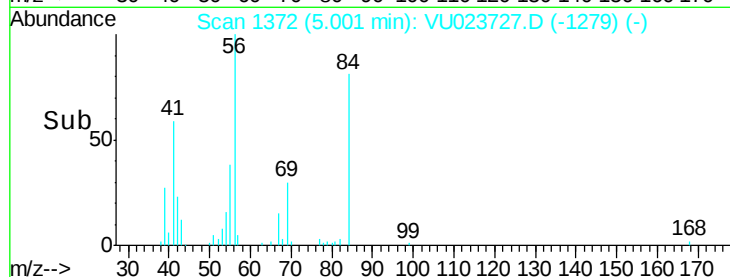
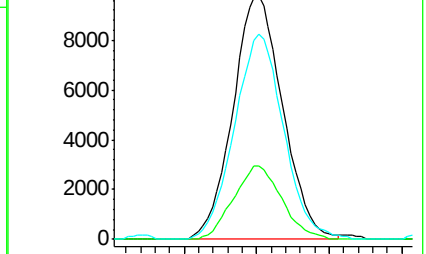
84 83.5 65.8 98.8



Abundance Ion 56.00 (55.70 to 56.70): VU023727.D (-1279) (-)

Ion 69.00 (68.70 to 69.70): VU023727.D (-1279) (-)

Ion 84.00 (83.70 to 84.70): VU023727.D (-1279) (-)



#30

1,1,1-Trichloroethane

Concen: 5.51 ug/L

RT: 4.92 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

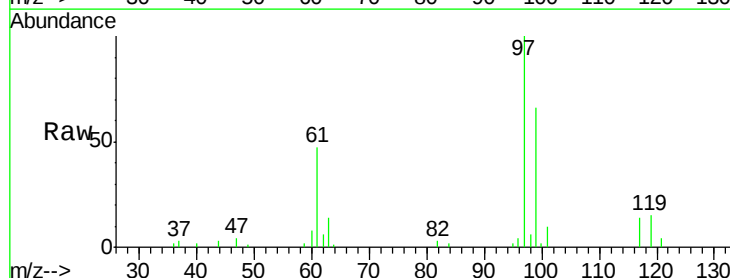
Tgt Ion: 97 Resp: 22261

Ion Ratio Lower Upper

97 100

99 65.3 51.3 76.9

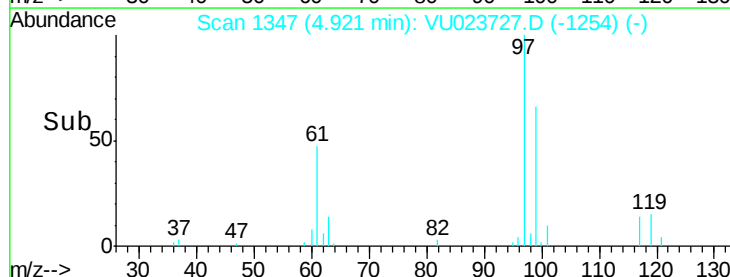
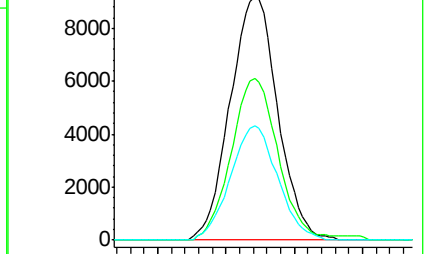
61 46.5 36.5 54.7

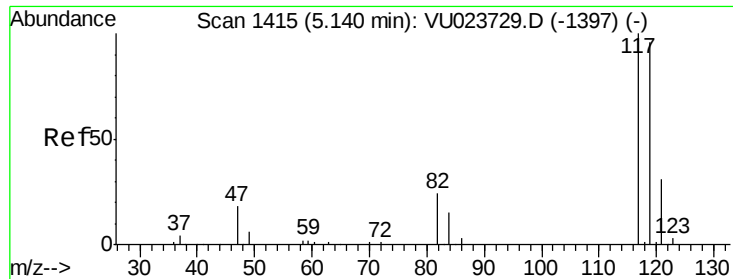


Abundance Ion 97.00 (96.70 to 97.70): VU023727.D (-1254) (-)

Ion 99.00 (98.70 to 99.70): VU023727.D (-1254) (-)

Ion 61.05 (60.75 to 61.75): VU023727.D (-1254) (-)





#31

Carbon tetrachloride

Concen: 5.29 ug/L

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU023727.D

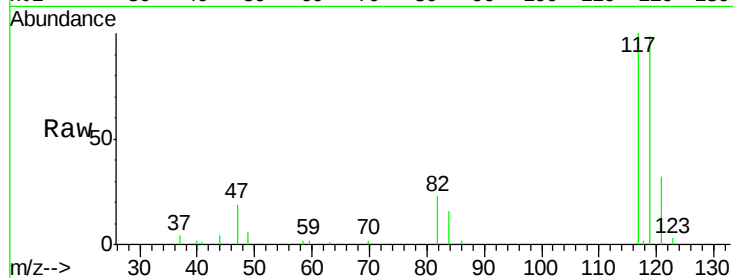
Acq: 08 May 2018 10:47

Tgt Ion: 117 Resp: 18581

Ion Ratio Lower Upper

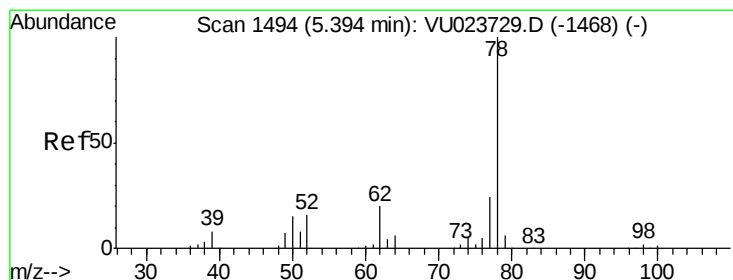
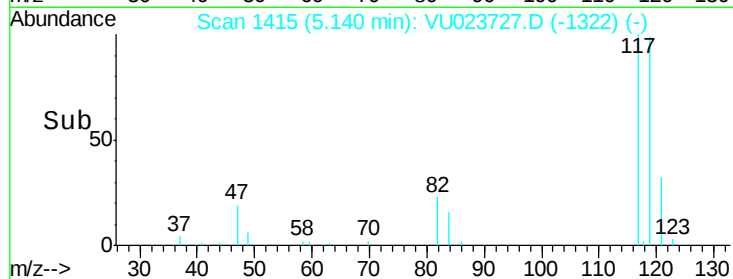
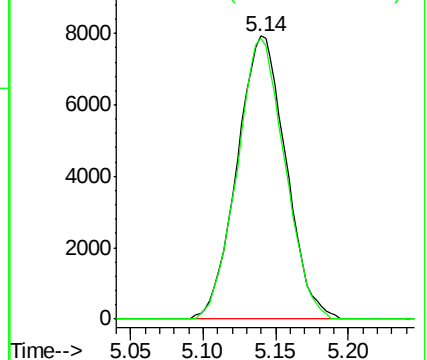
117 100

119 96.6 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: 5.42 ug/L

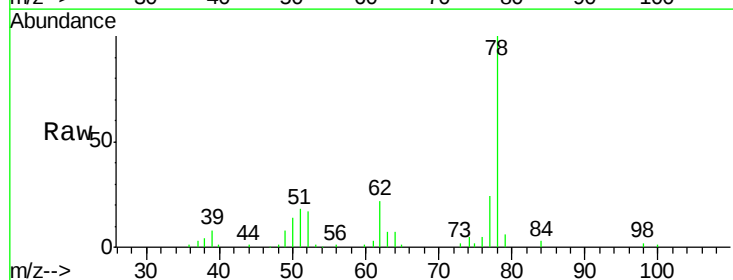
RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

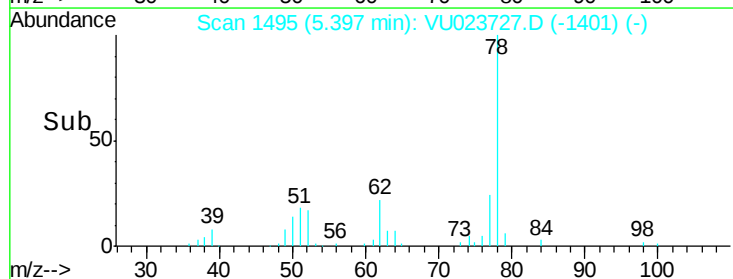
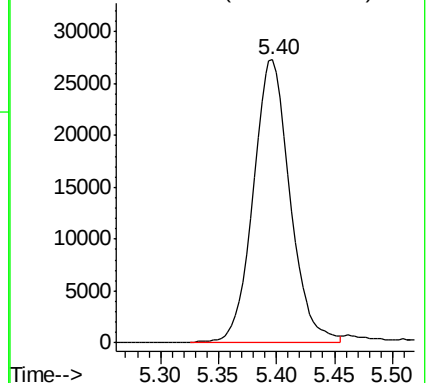
Lab File: VU023727.D

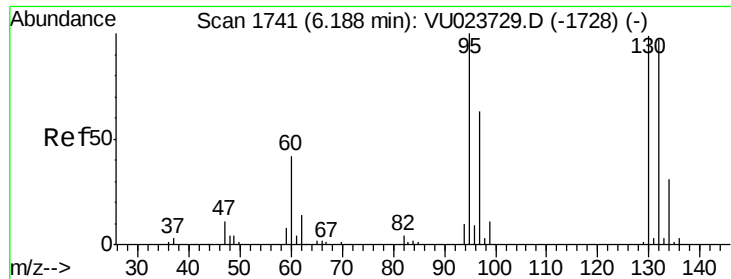
Acq: 08 May 2018 10:47

Tgt Ion: 78 Resp: 60636



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 5.44 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

Tgt Ion: 95 Resp: 15703

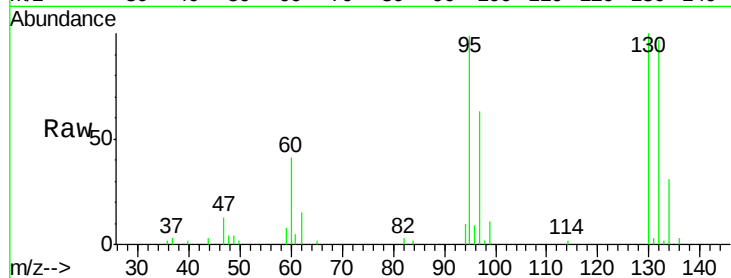
Ion Ratio Lower Upper

95 100

97 63.8 44.2 82.2

132 98.2 67.8 125.8

130 101.0 69.6 129.2

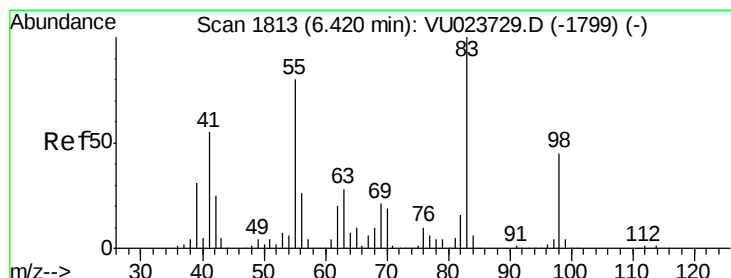
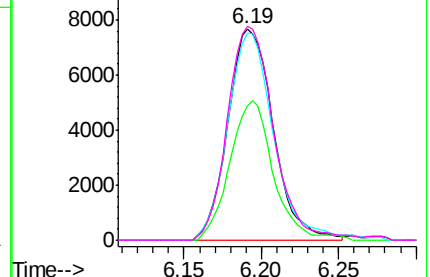
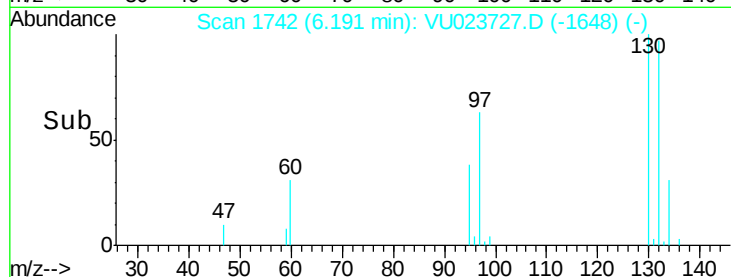


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.25 ug/L

RT: 6.42 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

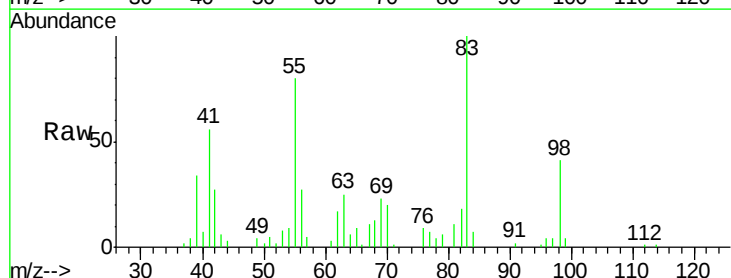
Tgt Ion: 83 Resp: 23423

Ion Ratio Lower Upper

83 100

55 80.7 64.8 97.2

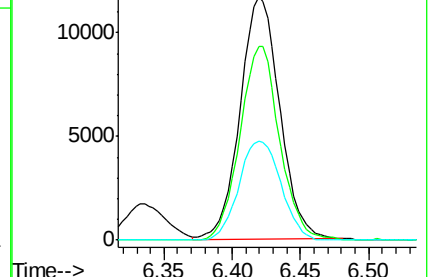
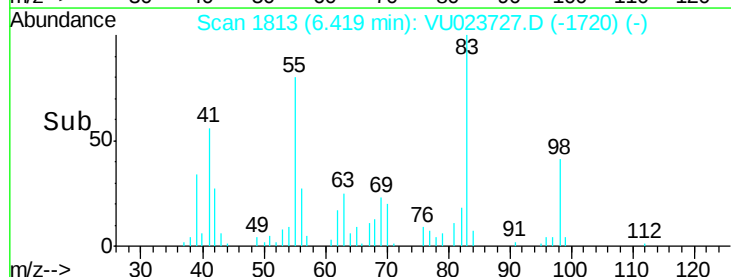
98 43.4 36.7 55.1

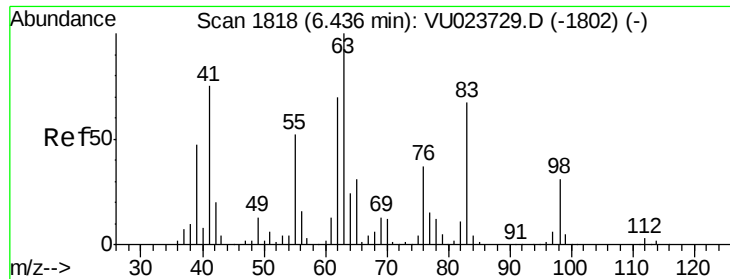


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

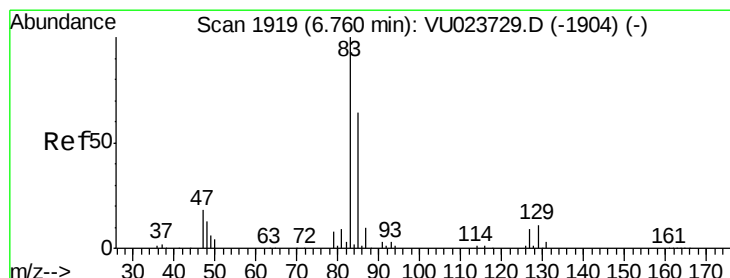
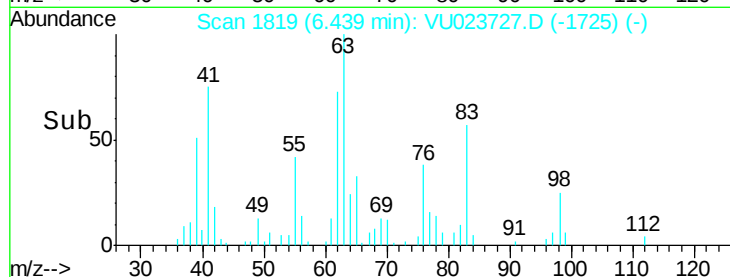
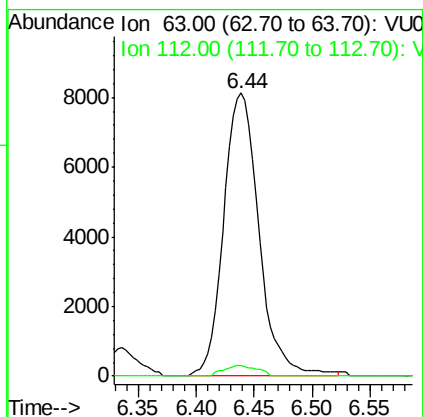
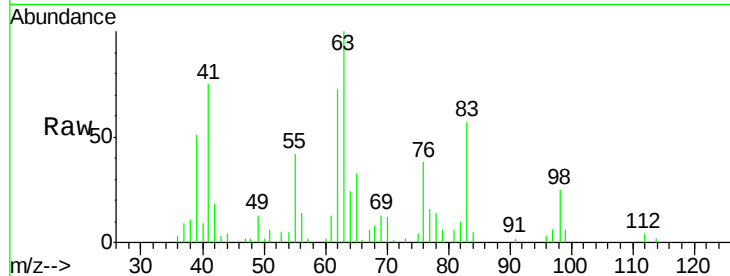
Ion 98.00 (97.70 to 98.70): VU0





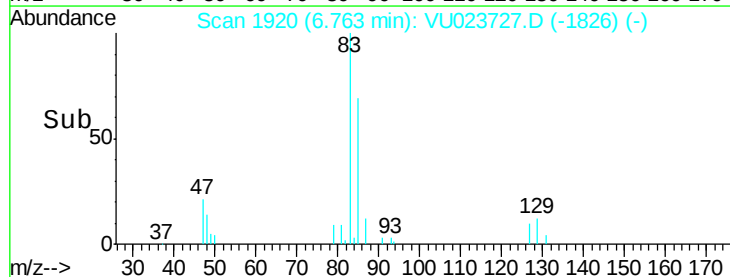
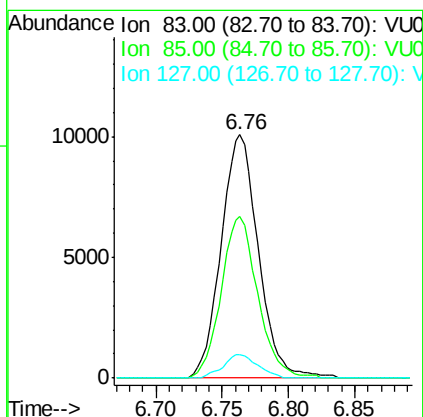
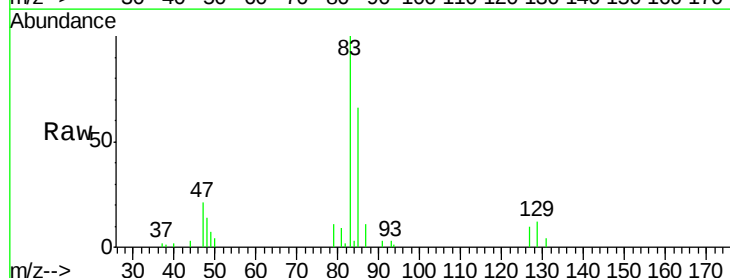
#37
 1,2-Dichloropropane
 Concen: 5.36 ug/L
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU023727.D
 Acq: 08 May 2018 10:47

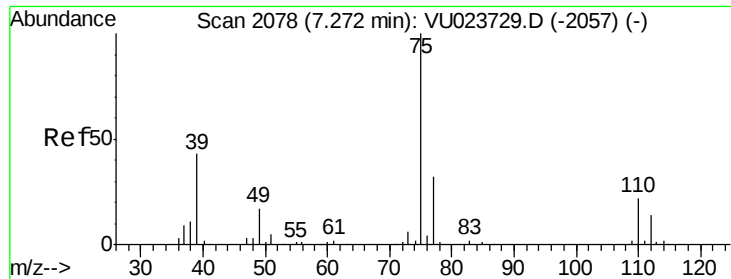
Tgt Ion: 63 Resp: 17265
 Ion Ratio Lower Upper
 63 100
 112 3.6 2.8 4.2



#38
 Bromodichloromethane
 Concen: 5.41 ug/L
 RT: 6.76 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VU023727.D
 Acq: 08 May 2018 10:47

Tgt Ion: 83 Resp: 19704
 Ion Ratio Lower Upper
 83 100
 85 66.4 44.4 82.4
 127 9.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.95 ug/L

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU023727.D

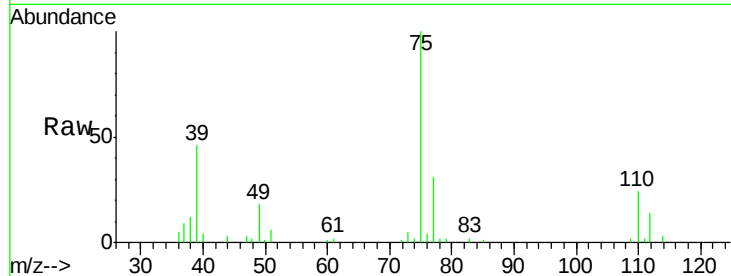
Acq: 08 May 2018 10:47

Tgt Ion: 75 Resp: 21956

Ion Ratio Lower Upper

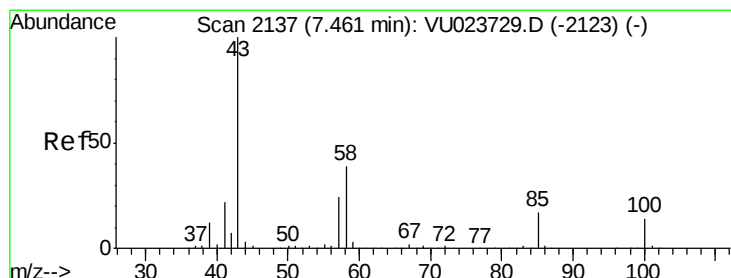
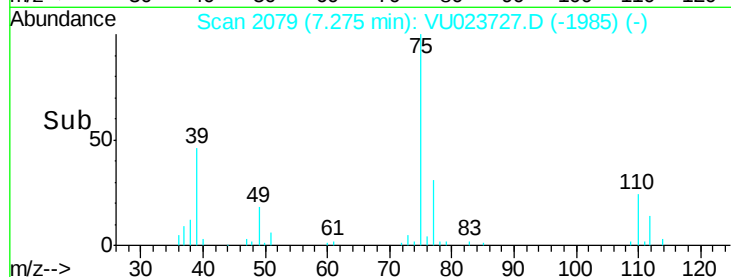
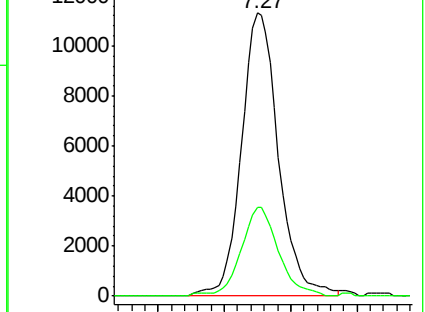
75 100

77 31.4 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#40

4-Methyl-2-pentanone

Concen: 10.59 ug/L

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

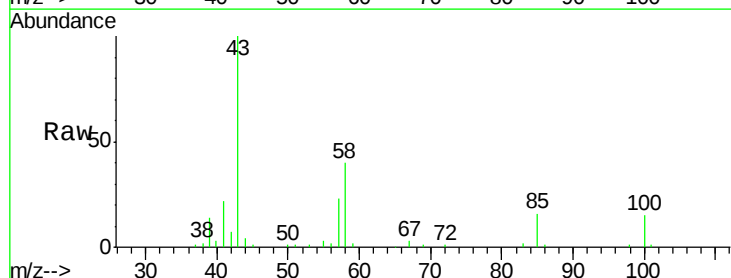
Tgt Ion: 43 Resp: 42214

Ion Ratio Lower Upper

43 100

58 39.0 31.3 46.9

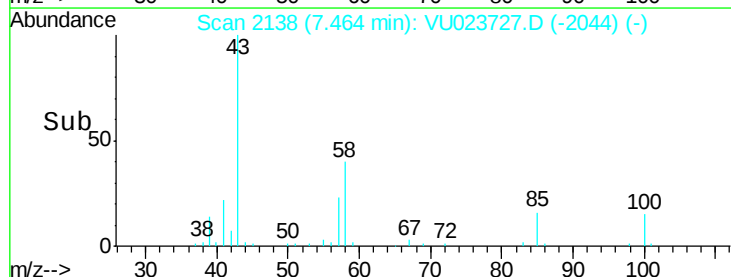
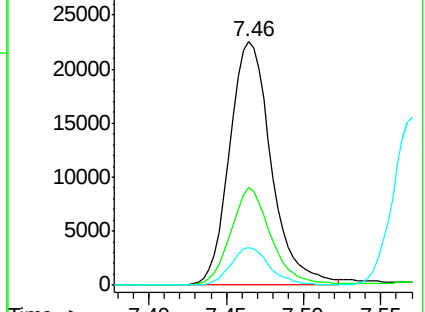
100 14.3 11.2 16.8

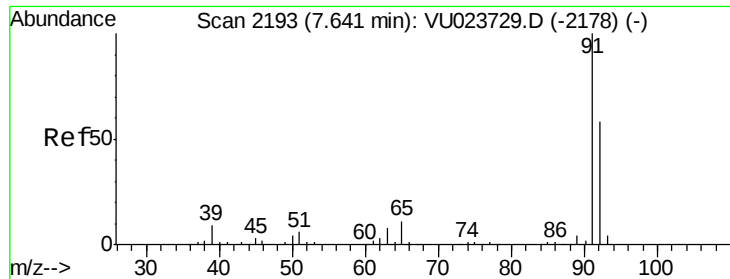


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#42

Toluene

Concen: 5.28 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023727.D

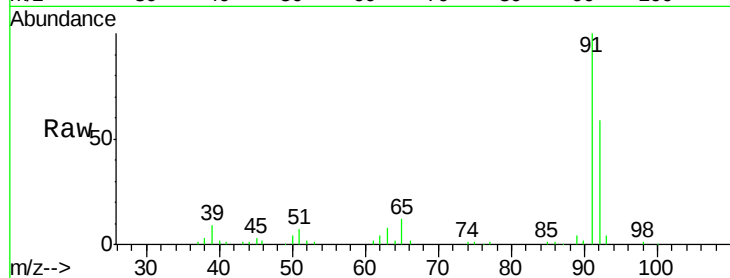
Acq: 08 May 2018 10:47

Tgt Ion: 91 Resp: 61310

Ion Ratio Lower Upper

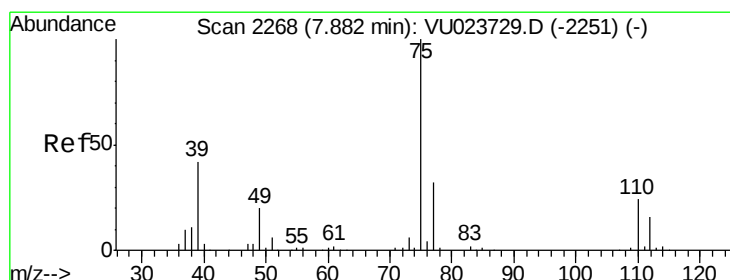
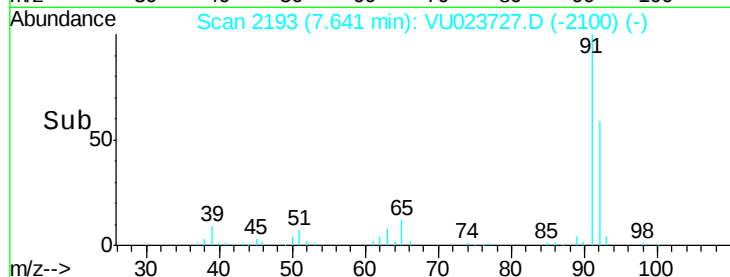
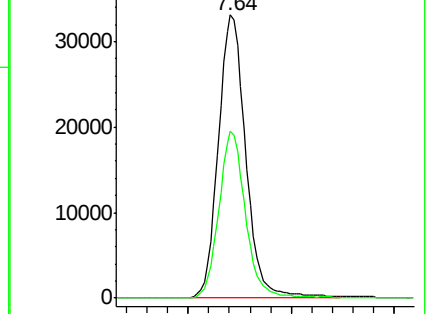
91 100

92 59.0 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) (-)



#44

trans-1,3-Dichloropropene

Concen: 4.88 ug/L

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU023727.D

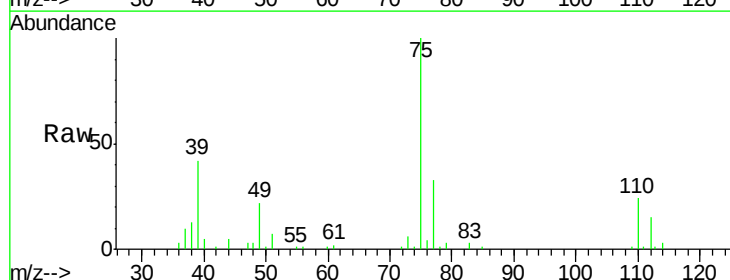
Acq: 08 May 2018 10:47

Tgt Ion: 75 Resp: 19280

Ion Ratio Lower Upper

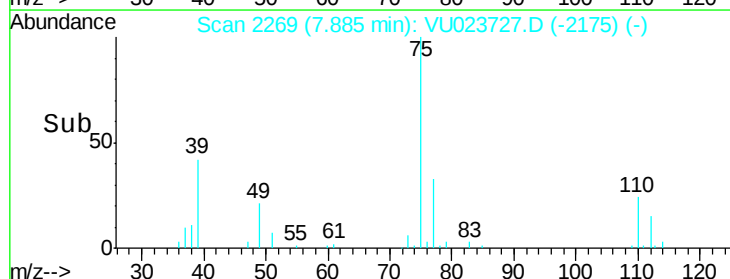
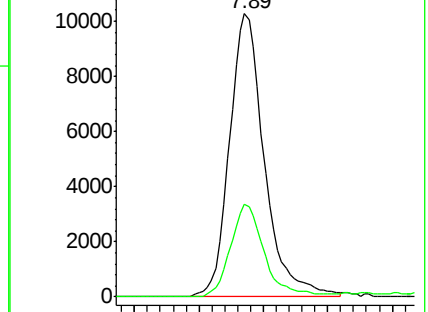
75 100

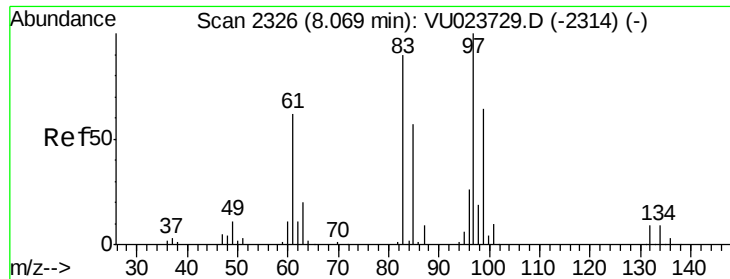
77 32.5 22.0 41.0



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

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





#45

1,1,2-Trichloroethane

Concen: 5.45 ug/L

RT: 8.08 min Scan# 2328

Delta R.T. 0.01 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

Tgt Ion: 97 Resp: 15015

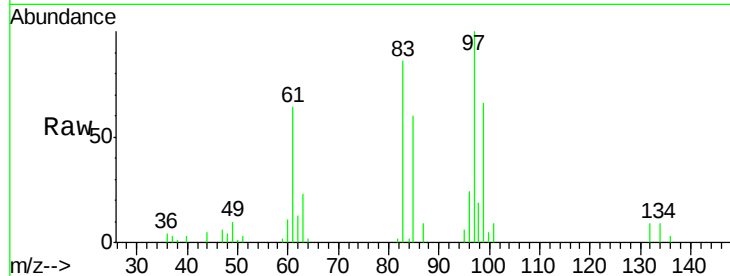
Ion Ratio Lower Upper

97 100

99 66.3 45.0 83.6

83 85.7 63.1 117.3

85 60.3 40.2 74.6

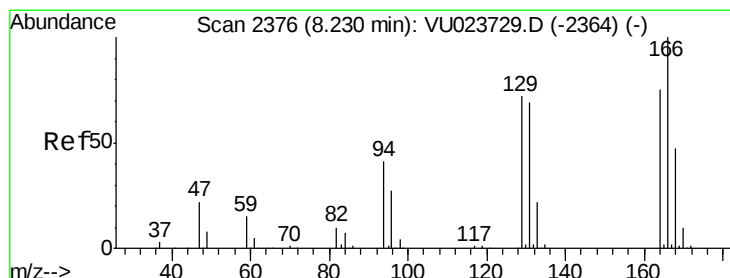
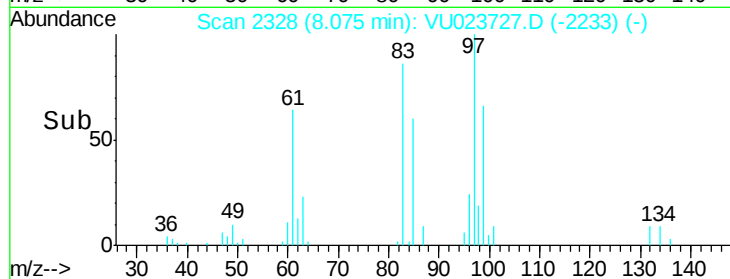
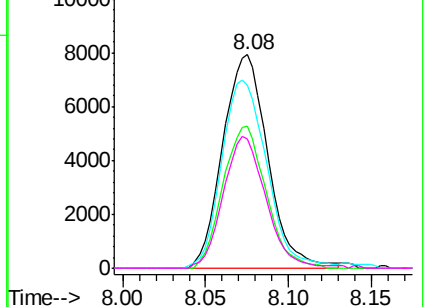


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

Tetrachloroethene

Concen: 5.71 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

Tgt Ion: 164 Resp: 13359

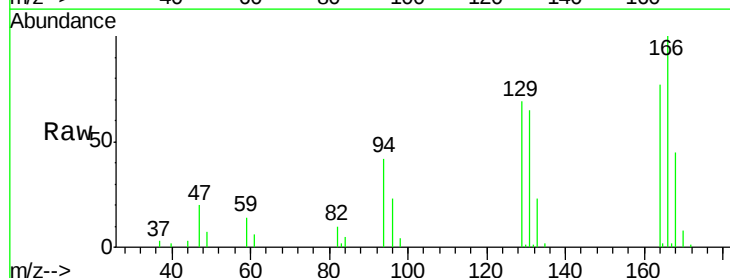
Ion Ratio Lower Upper

164 100

129 90.1 66.9 124.3

131 84.3 63.6 118.0

166 130.3 93.0 172.6

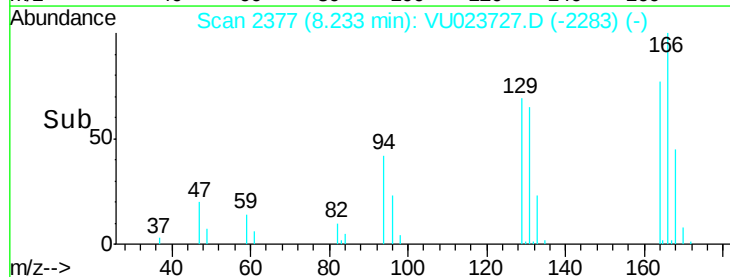
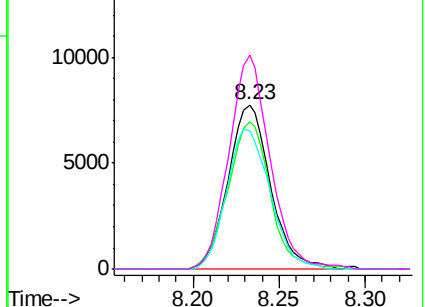


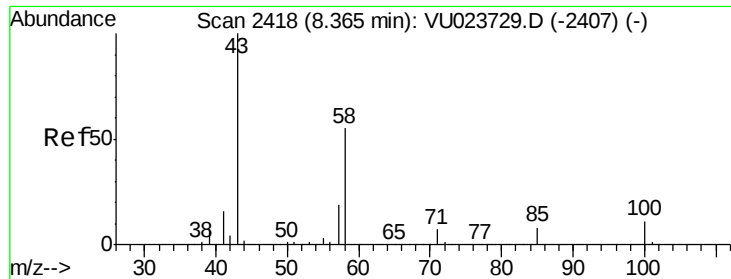
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

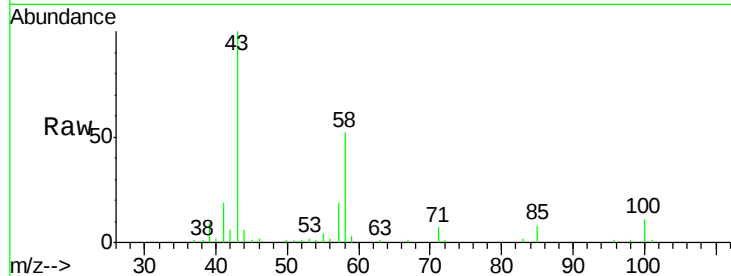
Ion 166.00 (165.70 to 166.70): V





#48
2-Hexanone
Concen: 9.83 ug/L
RT: 8.37 min Scan# 2419
Delta R.T. 0.00 min
Lab File: VU023727.D
Acq: 08 May 2018 10:47

Tgt Ion:	43	Resp:	33866
Ion	Ratio	Lower	Upper
43	100		
58	53.1	43.4	65.0
57	17.4	15.0	22.4
100	11.1	8.7	13.1

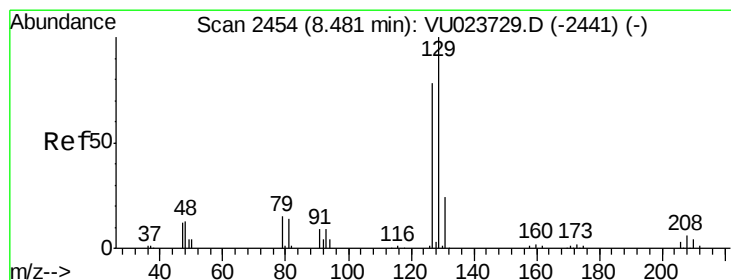
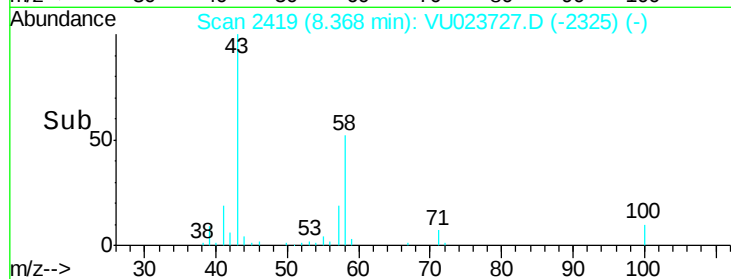
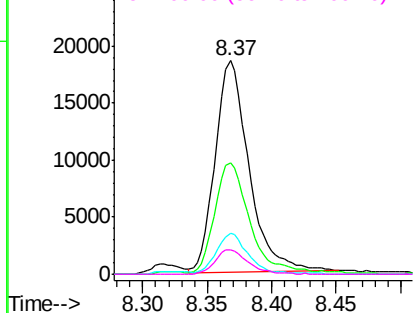


Abundance Ion 43.00 (42.70 to 43.70): VU023727.D (-2325) (-)

Ion 58.00 (57.70 to 58.70): VU023727.D (-2325) (-)

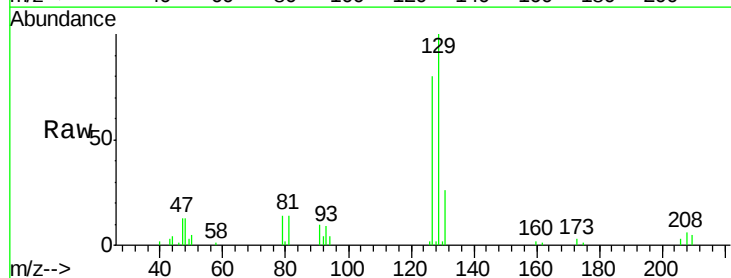
Ion 57.00 (56.70 to 57.70): VU023727.D (-2325) (-)

Ion 100.00 (99.70 to 100.70): VU023727.D (-2325) (-)



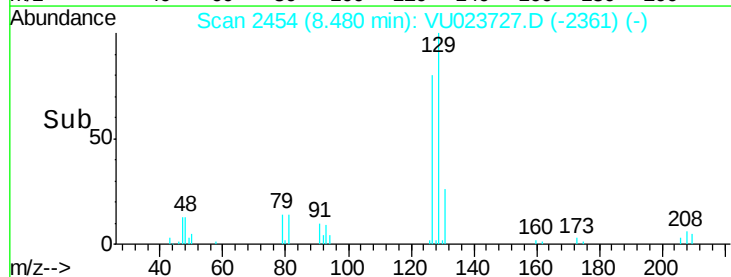
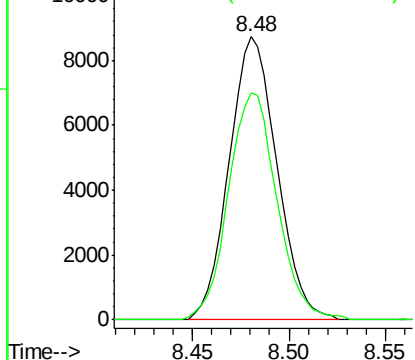
#49
Dibromochloromethane
Concen: 5.17 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU023727.D
Acq: 08 May 2018 10:47

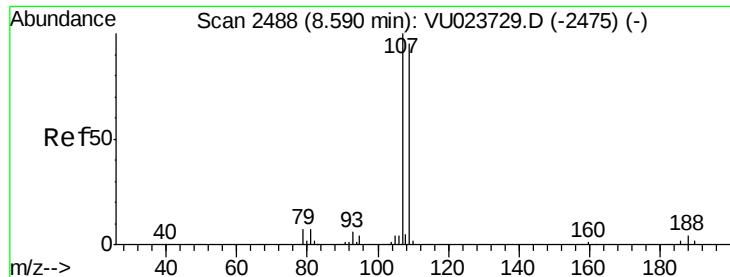
Tgt Ion:	129	Resp:	14979
Ion	Ratio	Lower	Upper
129	100		
127	80.1	54.8	101.8



Abundance Ion 129.00 (128.70 to 129.70): VU023727.D (-2361) (-)

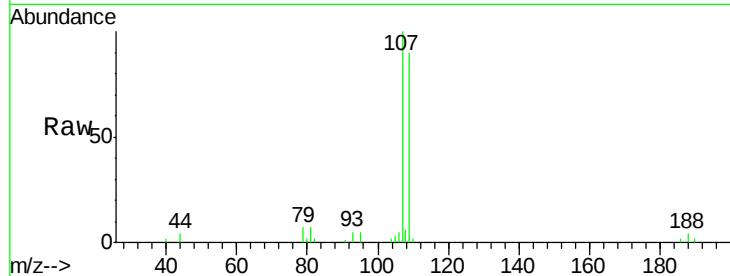
Ion 127.00 (126.70 to 127.70): VU023727.D (-2361) (-)



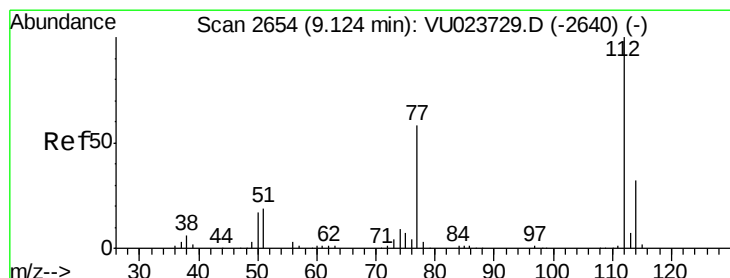
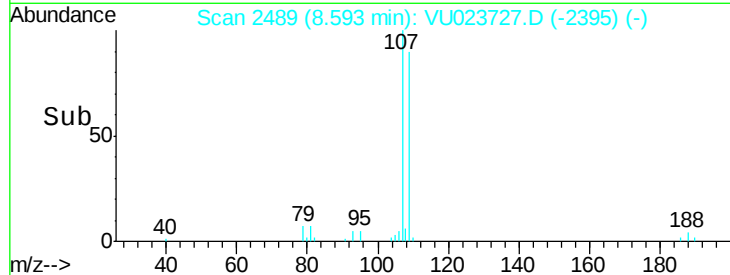
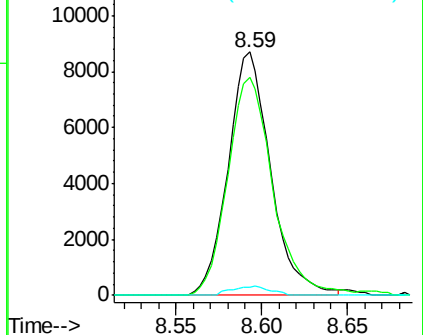


#50
1,2-Dibromoethane
Concen: 5.38 ug/L
RT: 8.59 min Scan# 2489
Delta R.T. 0.00 min
Lab File: VU023727.D
Acq: 08 May 2018 10:47

Tgt Ion	Ratio	Lower	Upper
107	100		
109	89.5	66.4	123.2
188	3.6	3.1	4.7

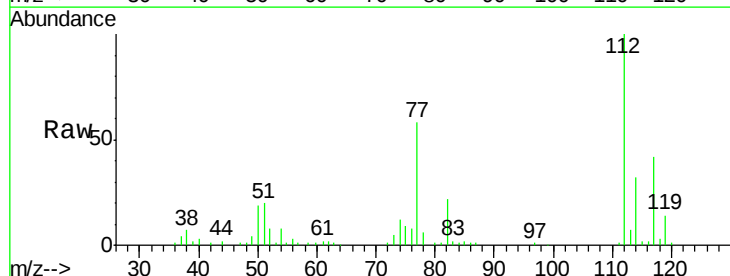


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

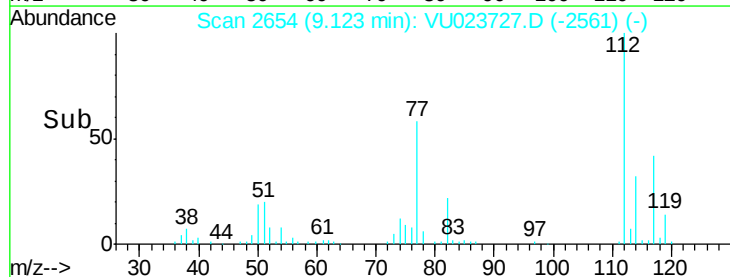
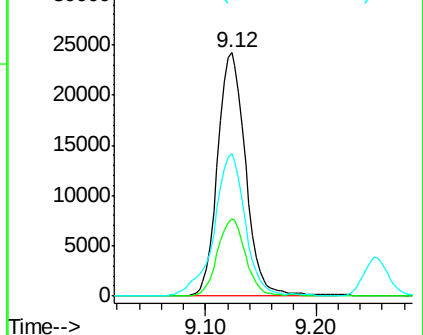


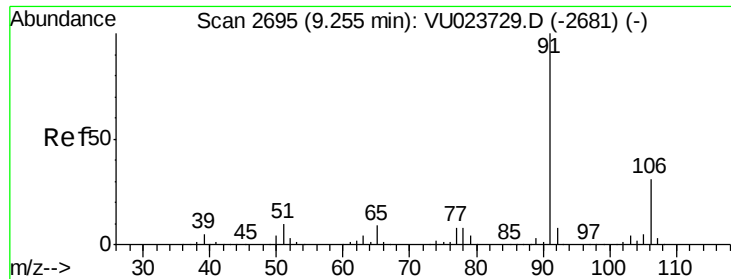
#51
Chlorobenzene
Concen: 5.50 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU023727.D
Acq: 08 May 2018 10:47

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.6	42.0
77	58.4	46.9	70.3



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





#52

Ethylbenzene

Concen: 5.30 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. -0.00 min

Lab File: VU023727.D

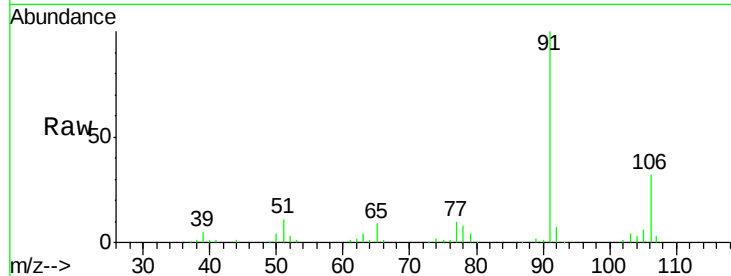
Acq: 08 May 2018 10:47

Tgt Ion: 91 Resp: 66983

Ion Ratio Lower Upper

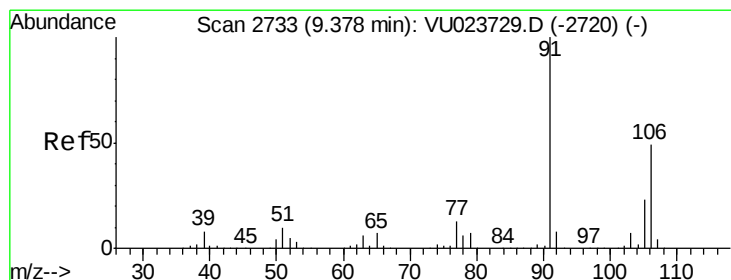
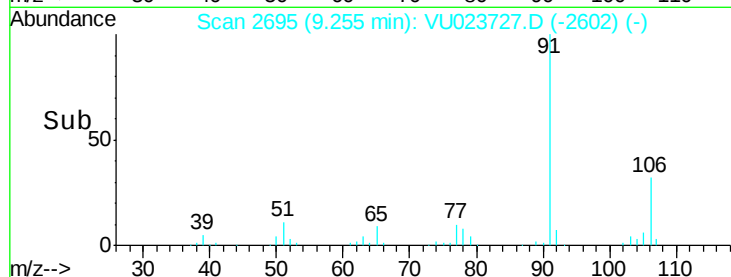
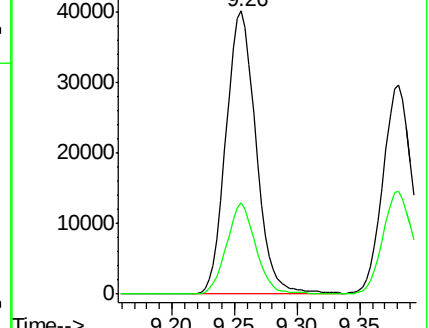
91 100

106 32.2 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) (-)



#53

m,p-Xylene

Concen: 5.25 ug/L

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU023727.D

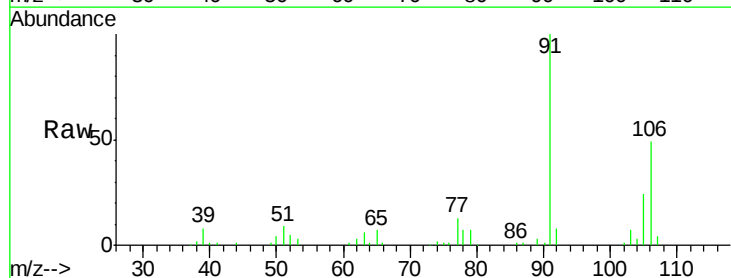
Acq: 08 May 2018 10:47

Tgt Ion: 106 Resp: 25240

Ion Ratio Lower Upper

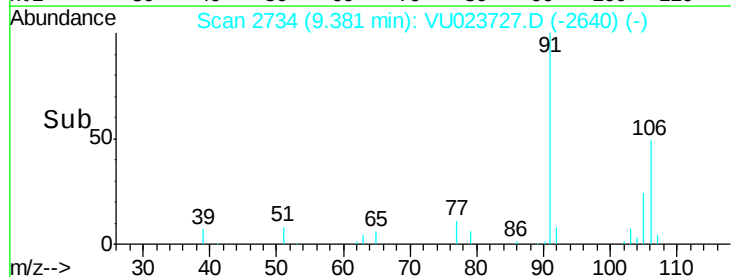
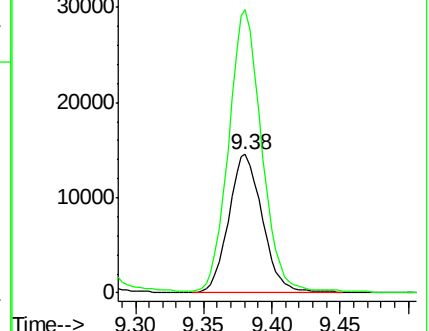
106 100

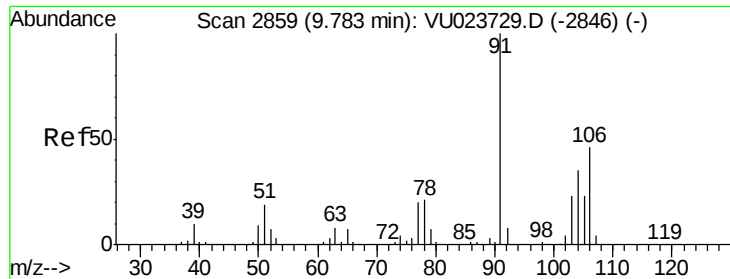
91 204.6 142.2 264.2



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

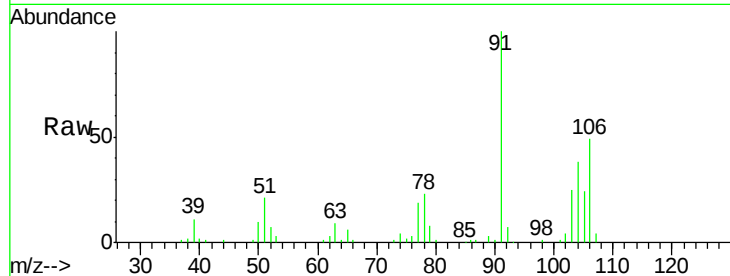
Ion 91.00 (90.70 to 91.70): VU023729.D (-2720) (-)



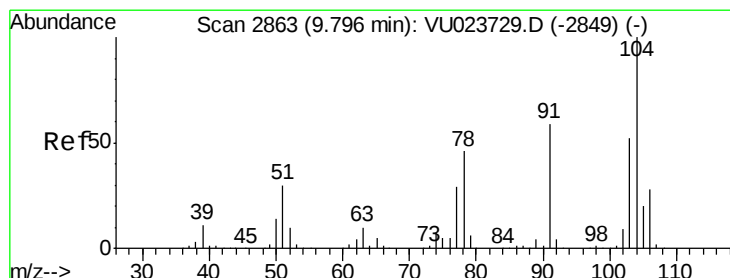
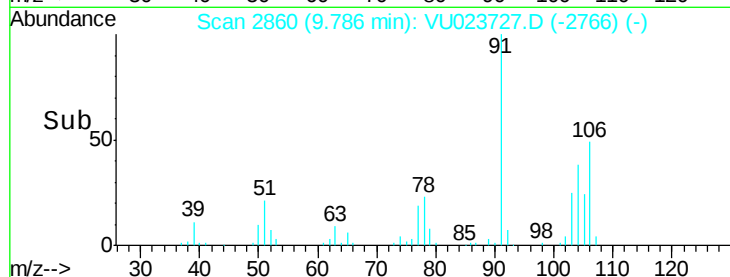
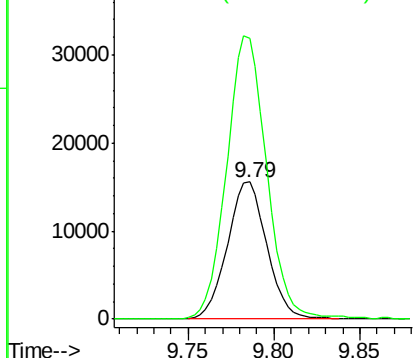


#54
o-xylene
Concen: 5.47 ug/L
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU023727.D
Acq: 08 May 2018 10:47

Tgt Ion:106 Resp: 24998
Ion Ratio Lower Upper
106 100
91 204.0 152.6 283.4

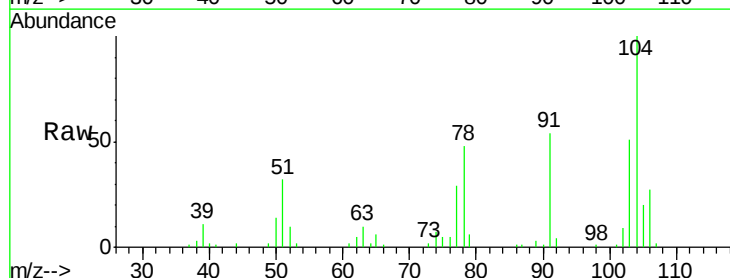


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

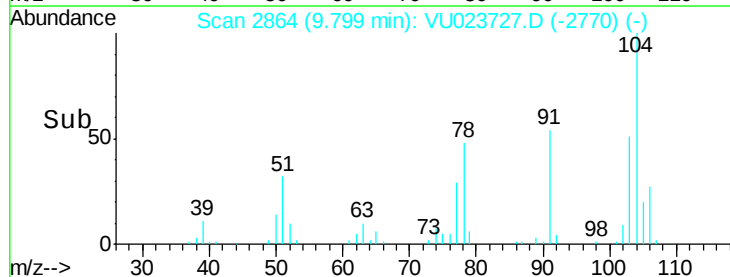
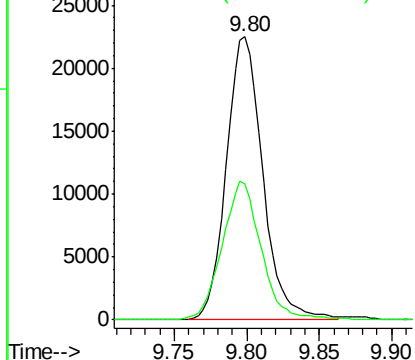


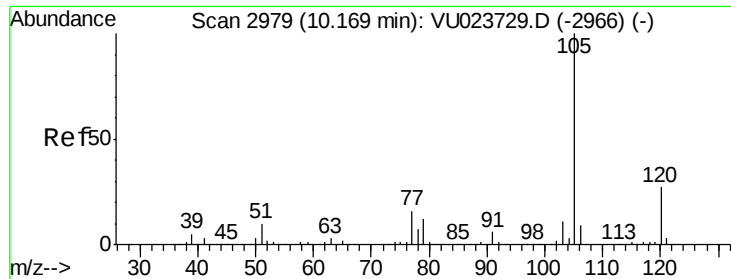
#55
Styrene
Concen: 4.91 ug/L
RT: 9.80 min Scan# 2864
Delta R.T. 0.00 min
Lab File: VU023727.D
Acq: 08 May 2018 10:47

Tgt Ion:104 Resp: 39272
Ion Ratio Lower Upper
104 100
78 47.9 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: 5.28 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

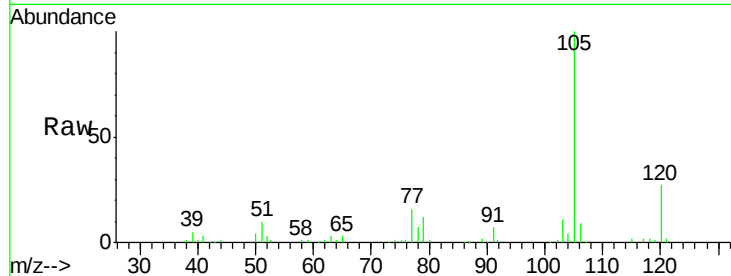
Tgt Ion: 105 Resp: 63620

Ion Ratio Lower Upper

105 100

120 25.8 21.3 31.9

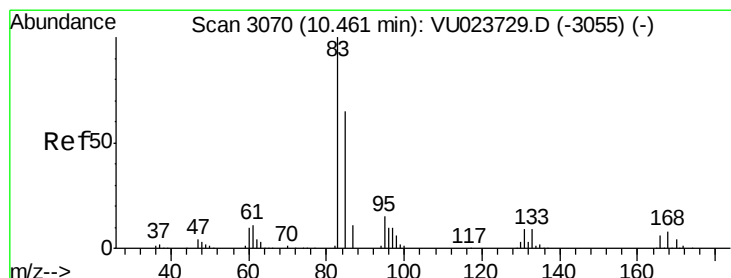
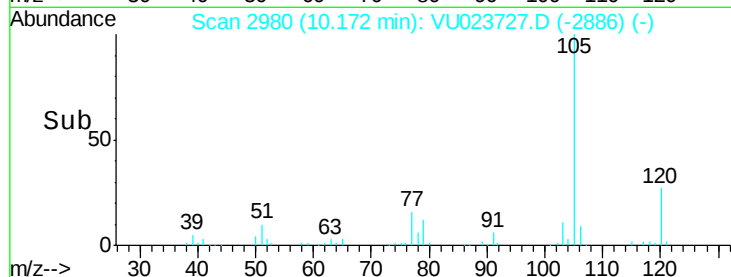
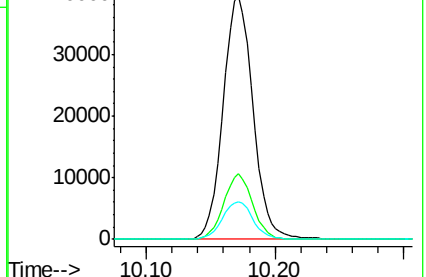
77 15.8 12.3 18.5



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: 5.62 ug/L

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

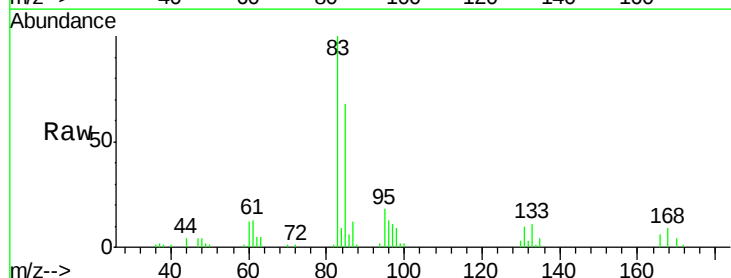
Tgt Ion: 83 Resp: 25547

Ion Ratio Lower Upper

83 100

85 68.1 45.5 84.5

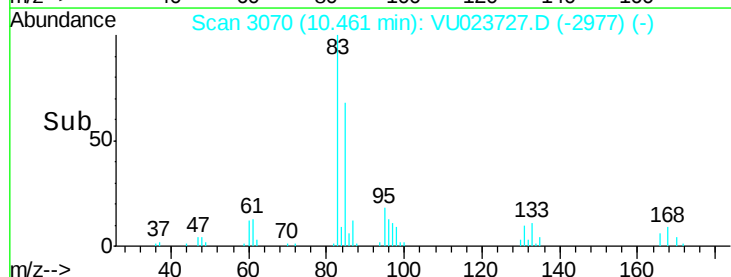
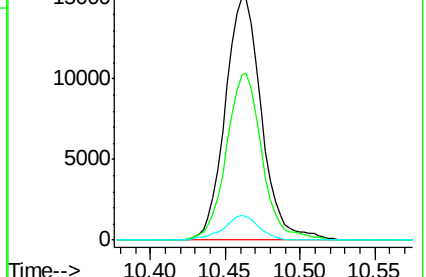
131 10.4 7.6 11.4

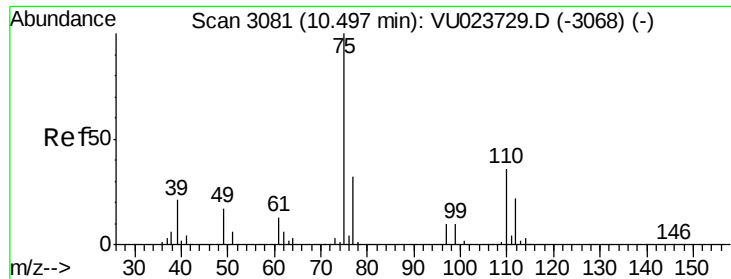


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

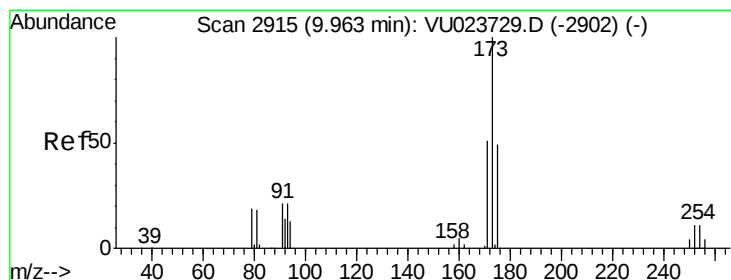
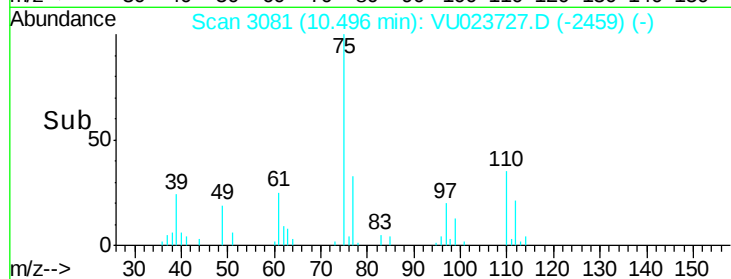
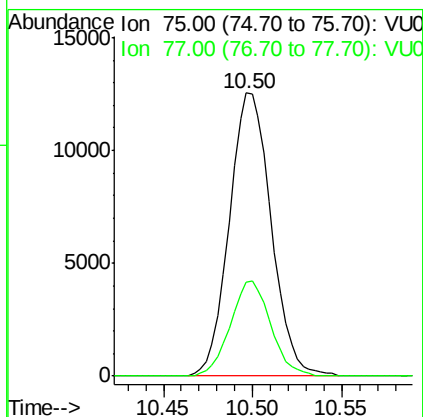
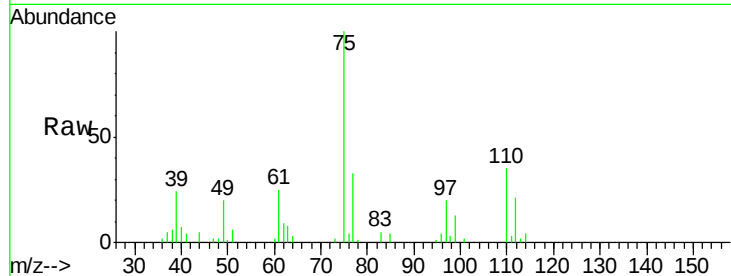
Ion 131.00 (130.70 to 131.70): V





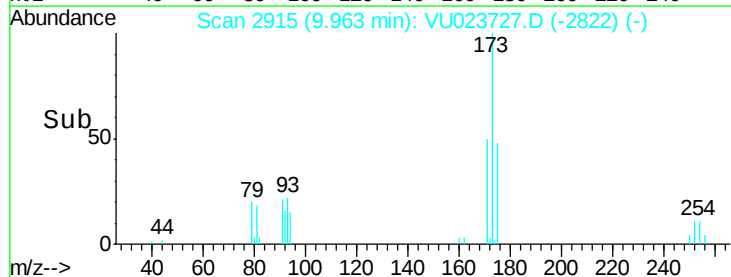
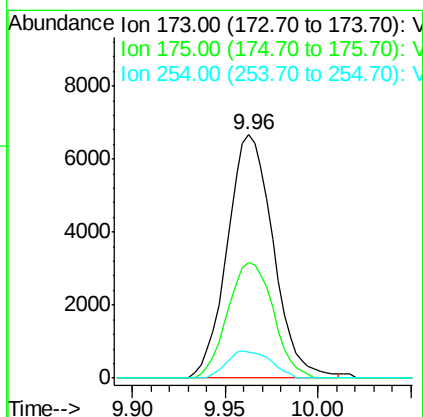
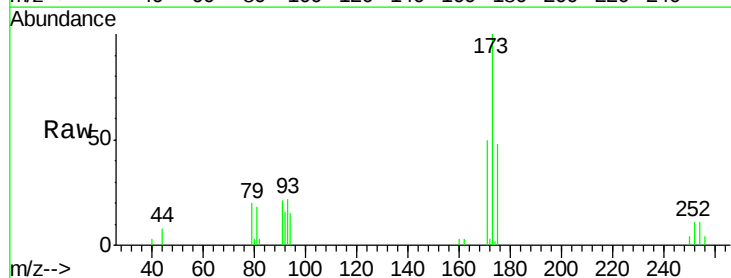
#59
 1,2,3-Trichloropropane
 Concen: 5.69 ug/L
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU023727.D
 Acq: 08 May 2018 10:47

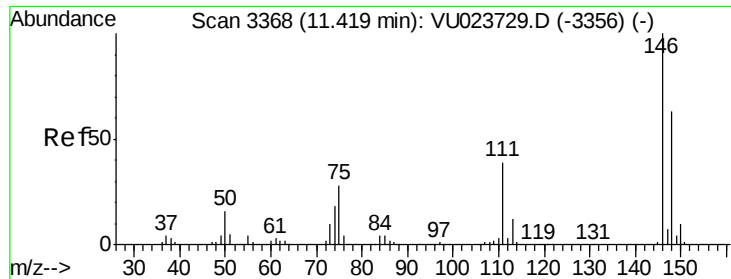
Tgt Ion: 75 Resp: 20538
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.6 38.4



#61
 Bromoform
 Concen: 5.52 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU023727.D
 Acq: 08 May 2018 10:47

Tgt Ion: 173 Resp: 11469
 Ion Ratio Lower Upper
 173 100
 175 47.0 38.9 58.3
 254 10.8 8.6 13.0





#62

1,3-Dichlorobenzene

Concen: 5.53 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

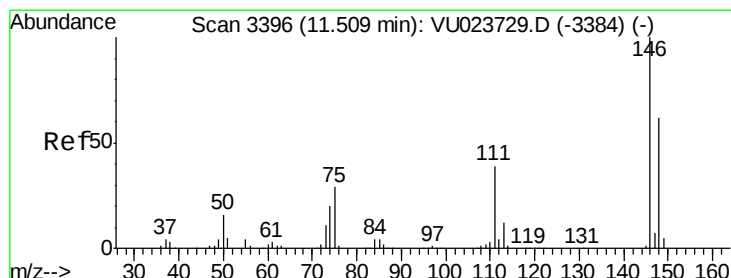
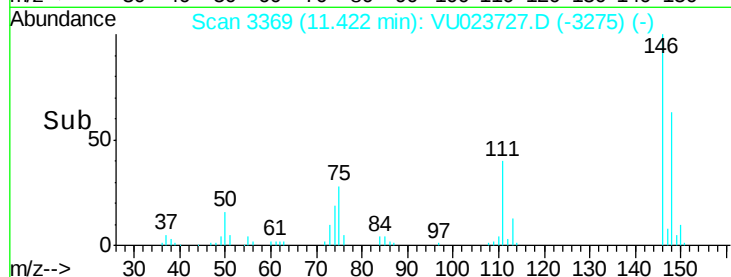
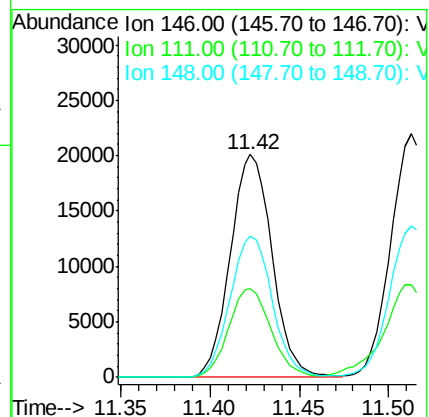
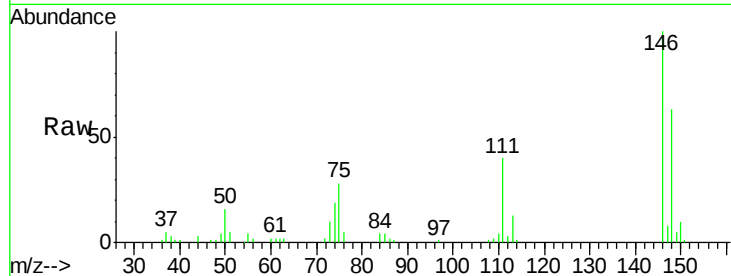
Tgt Ion:146 Resp: 32783

Ion Ratio Lower Upper

146 100

111 39.8 27.5 51.1

148 63.4 44.2 82.0



#63

1,4-Dichlorobenzene

Concen: 5.77 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

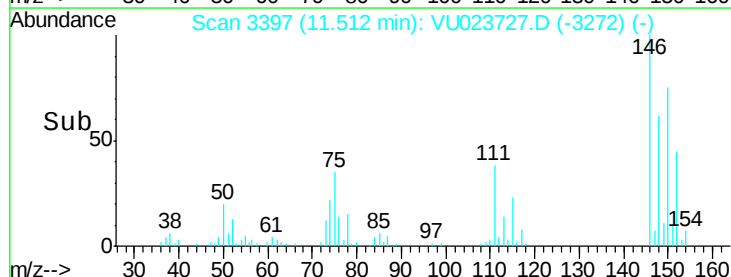
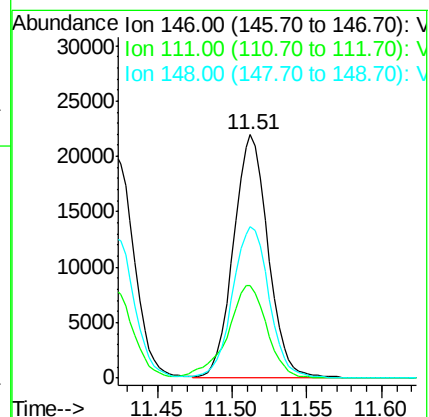
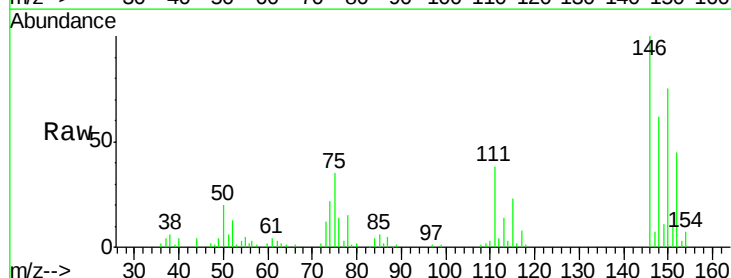
Tgt Ion:146 Resp: 35536

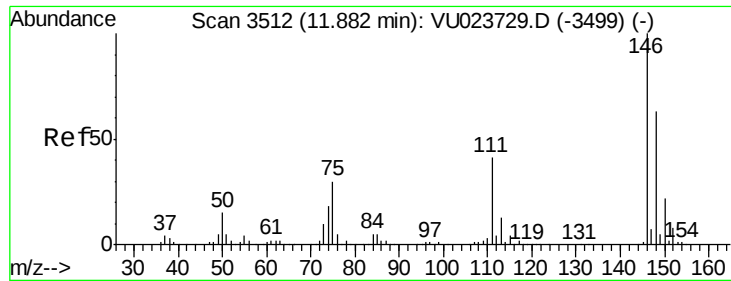
Ion Ratio Lower Upper

146 100

111 38.0 27.3 50.7

148 62.0 43.8 81.3





#65

1,2-Dichlorobenzene

Concen: 5.62 ug/L

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

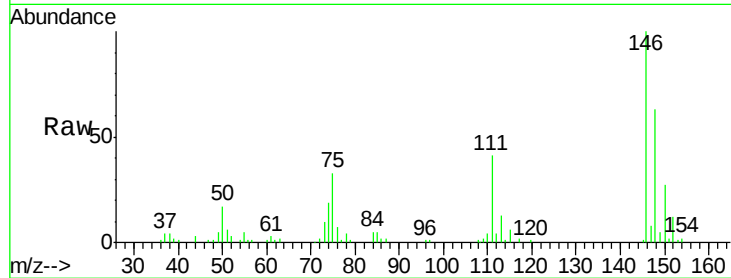
Tgt Ion: 146 Resp: 34054

Ion Ratio Lower Upper

146 100

111 40.6 32.5 48.7

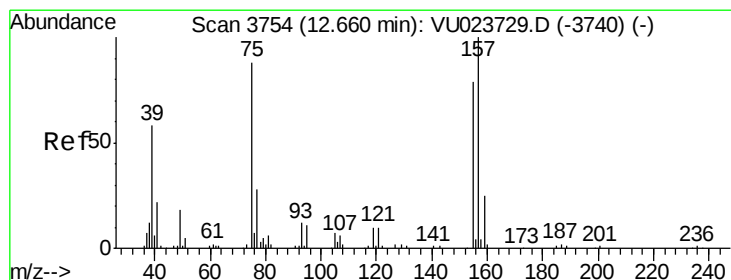
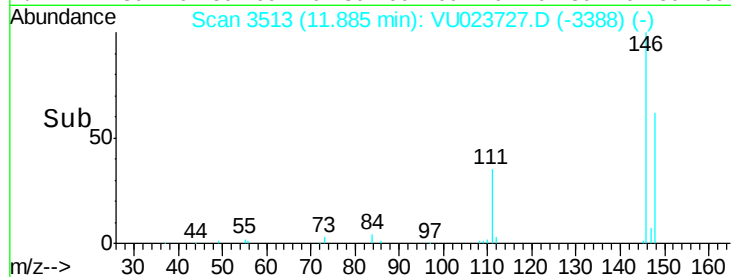
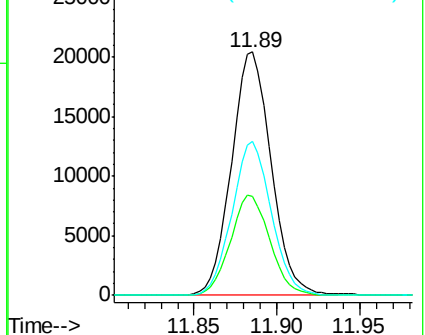
148 63.1 50.3 75.5



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: 5.78 ug/L

RT: 12.66 min Scan# 3755

Delta R.T. 0.00 min

Lab File: VU023727.D

Acq: 08 May 2018 10:47

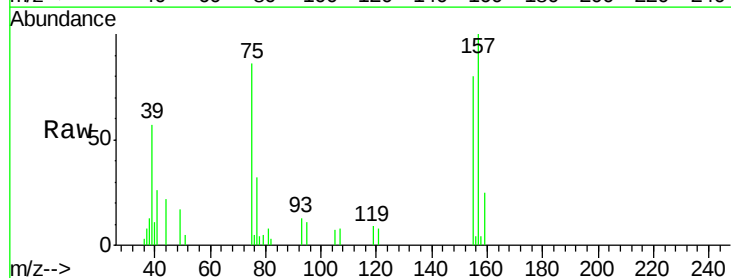
Tgt Ion: 75 Resp: 5150

Ion Ratio Lower Upper

75 100

155 93.5 71.7 107.5

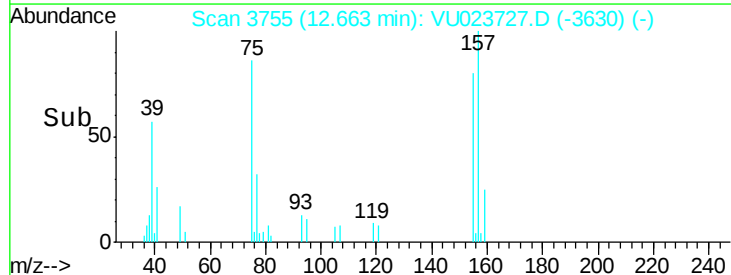
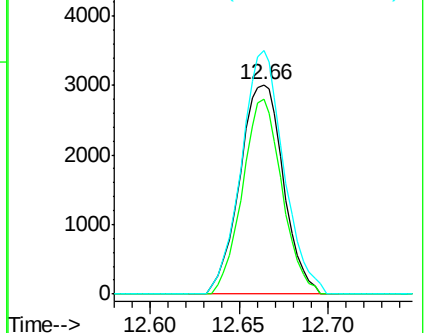
157 116.4 90.6 136.0

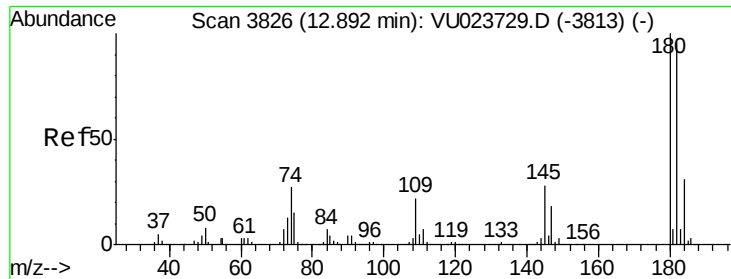


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

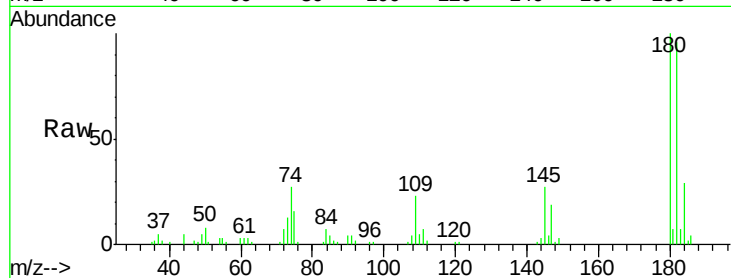
Ion 157.00 (156.70 to 157.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 5.63 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU023727.D
 Acq: 08 May 2018 10:47

Tgt Ion:	180	Resp:	27786
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.7	115.1
184	29.8	24.6	36.8
145	27.3	22.2	33.4

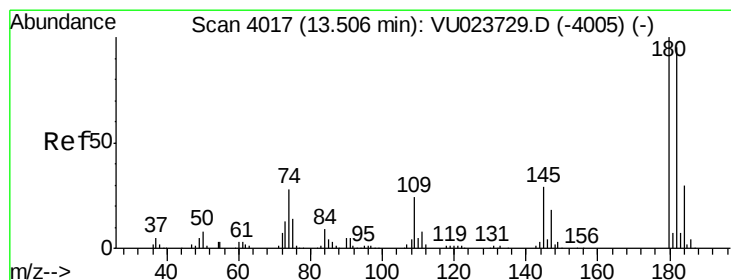
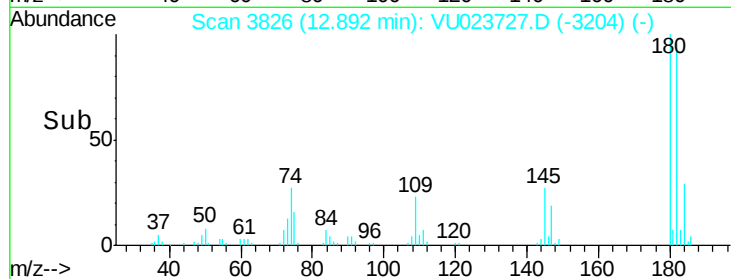
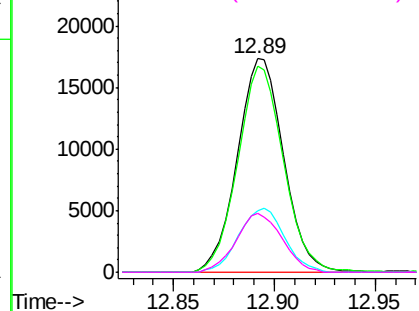


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

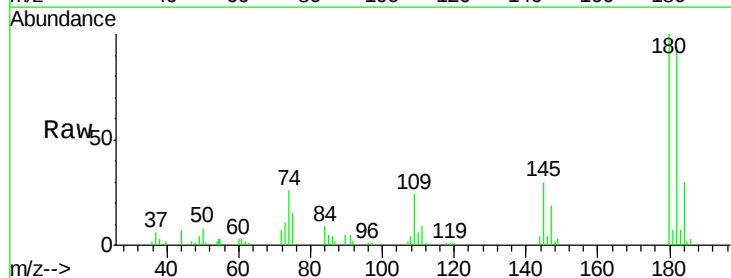
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 5.08 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU023727.D
 Acq: 08 May 2018 10:47

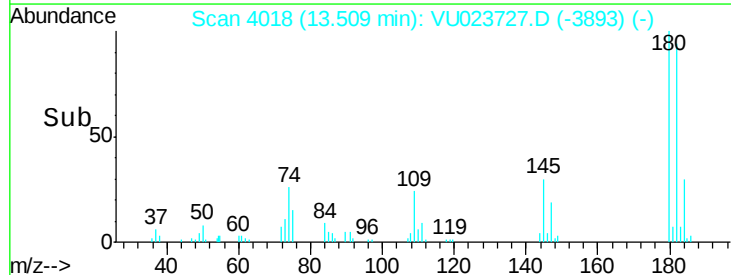
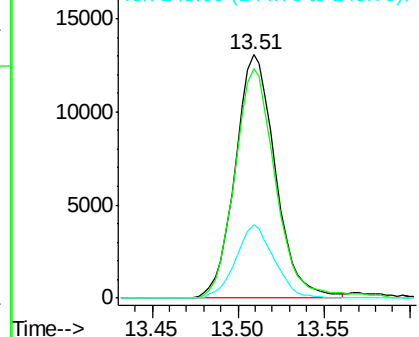
Tgt Ion:	180	Resp:	21320
Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.6	115.0
145	28.6	22.7	34.1

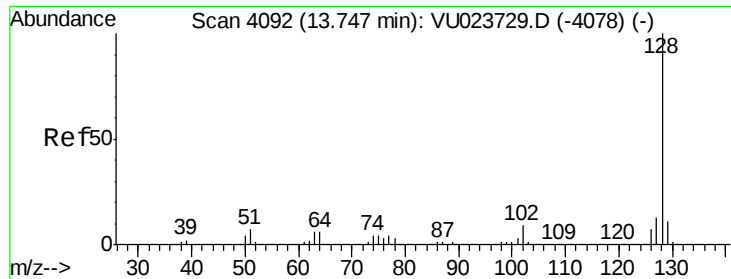


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

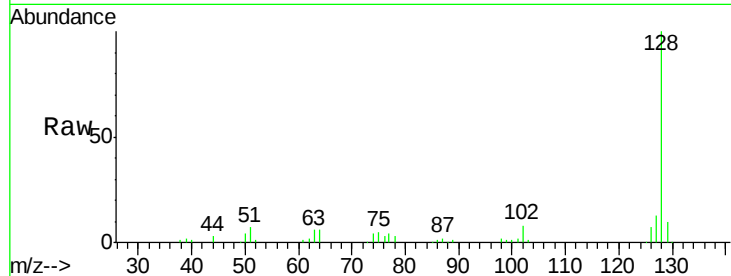
Ion 145.00 (144.70 to 145.70): V



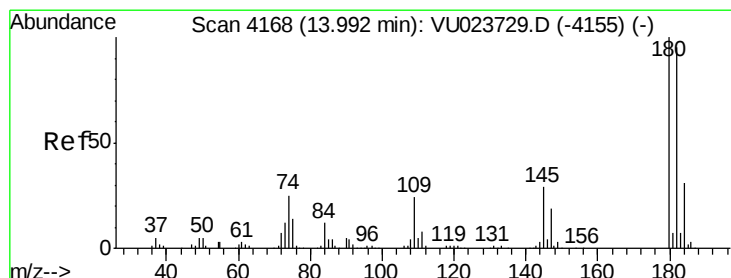
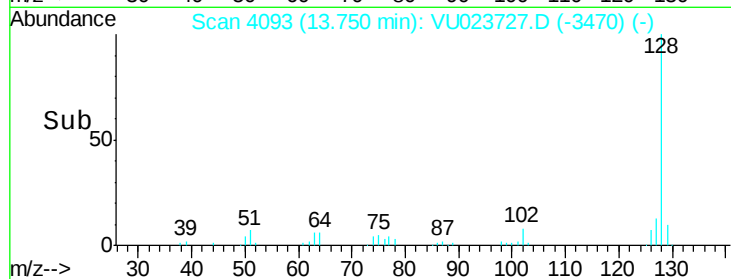
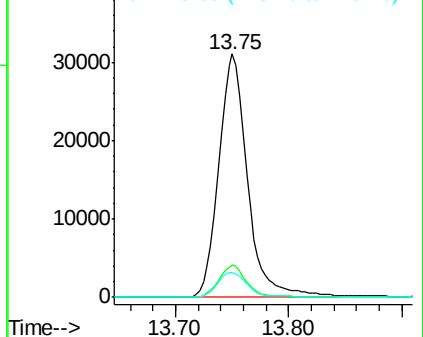


#69
Naphthalene
Concen: 4.99 ug/L
RT: 13.75 min Scan# 4093
Delta R.T. 0.00 min
Lab File: VU023727.D
Acq: 08 May 2018 10:47

Tgt Ion:128 Resp: 55011
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.7 8.7 13.1

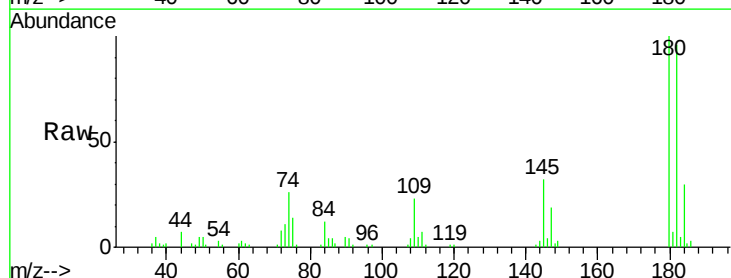


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#70
1,2,3-Trichlorobenzene
Concen: 5.34 ug/L
RT: 13.99 min Scan# 4169
Delta R.T. 0.00 min
Lab File: VU023727.D
Acq: 08 May 2018 10:47

Tgt Ion:180 Resp: 22822
Ion Ratio Lower Upper
180 100
182 97.6 75.8 113.6
145 29.3 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

