

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050918\
 Data File : VU023760.D
 Acq On : 09 May 2018 15:24
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 10 01:30:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 10 01:29:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	348965	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	336650	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	181238	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	111948	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.02%
7) Chloroethane-d5	1.67	69	92160	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.42%
11) 1,1-Dichloroethene-d2	2.27	63	223045	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.20%
21) 2-Butanone-d5	4.17	46	194039	96.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.60%
24) Chloroform-d	4.65	84	220511	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	5.31	65	139425	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
32) Benzene-d6	5.34	84	454583	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
36) 1,2-Dichloropropane-d6	6.33	67	149297	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.66%
41) Toluene-d8	7.57	98	428375	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%
43) trans-1,3-Dichloropropene-	7.85	79	67176	49.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.44%
47) 2-Hexanone-d5	8.31	63	138645	98.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.38%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	206929	48.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.84%
64) 1,2-Dichlorobenzene-d4	11.87	152	179603	47.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.68%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	151703	46.58	ug/L	100
3) Chloromethane	1.33	50	126984	43.09	ug/L	99
5) Vinyl chloride	1.40	62	149235	44.52	ug/L	93
6) Bromomethane	1.61	94	38224	30.51	ug/L	93
8) Chloroethane	1.69	64	91902	45.62	ug/L	98
9) Trichlorofluoromethane	1.88	101	187913	47.07	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	116964	45.05	ug/L	99
12) 1,1-Dichloroethene	2.28	96	106852	44.32	ug/L	98
13) Acetone	2.32	43	198531	89.60	ug/L	99
14) Carbon disulfide	2.47	76	356828	45.88	ug/L	99
15) Methyl Acetate	2.62	43	158447	45.98	ug/L	99
16) Methylene chloride	2.70	84	138816	46.98	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	123905	46.77	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	394861	47.78	ug/L	100
19) 1,1-Dichloroethane	3.45	63	245896	47.42	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	140958	46.96	ug/L	99
22) 2-Butanone	4.26	43	251509	93.96	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	70362	47.22	ug/L	95
25) Chloroform	4.68	83	239219	46.45	ug/L	100
27) 1,2-Dichloroethane	5.41	62	189208	47.68	ug/L	98
29) Cyclohexane	5.00	56	221731	47.94	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	193464	47.25	ug/L	100
31) Carbon tetrachloride	5.14	117	168815	47.85	ug/L	100
33) Benzene	5.39	78	535029	47.16	ug/L	100
34) Trichloroethene	6.19	95	136716	47.21	ug/L	97
35) Methylcyclohexane	6.42	83	214234	48.02	ug/L	100
37) 1,2-Dichloropropane	6.44	63	151334	46.99	ug/L	99
38) Bromodichloromethane	6.76	83	176846	47.24	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	219464	48.60	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	417089	95.22	ug/L	100
42) Toluene	7.64	91	567617	47.89	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	196857	48.65	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	132234	46.98	ug/L	99
46) Tetrachloroethene	8.23	164	112903	47.10	ug/L	98
48) 2-Hexanone	8.36	43	348039	96.60	ug/L	100
49) Dibromochloromethane	8.48	129	144001	48.21	ug/L	99
50) 1,2-Dibromoethane	8.59	107	136906	47.24	ug/L	98
51) Chlorobenzene	9.12	112	373609	47.01	ug/L	100
52) Ethylbenzene	9.25	91	628046	48.12	ug/L	100
53) m,p-Xylene	9.38	106	242667	48.94	ug/L	99
54) o-xylene	9.78	106	233069	48.16	ug/L	98
55) Styrene	9.80	104	413154	49.88	ug/L	99
56) Isopropylbenzene	10.17	105	614045	48.39	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	231720	47.51	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	182224	46.97	ug/L	100
61) Bromoform	9.96	173	105971	45.59	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	306245	47.22	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	319439	47.46	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	312576	47.24	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	46204	44.54	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	257328	48.19	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	222041	49.06	ug/L	99
69) Naphthalene	13.75	128	640199	49.73	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	227454	48.56	ug/L	99

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

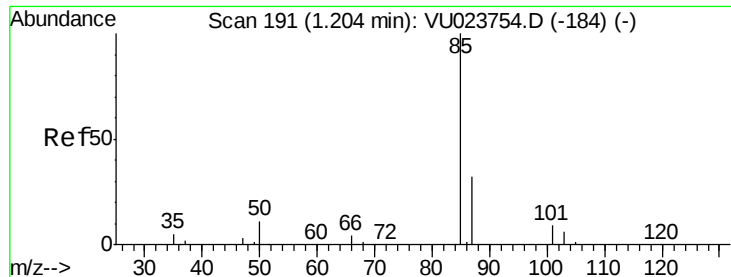
Abundance

TIC: VU023760.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

1,1-Dichloroethane, T
Vinyl Chloride, T
Bromochloromethane, T
Trichlorofluoromethane, T
Acetone, T
Carbon disulfide, T
Methyl Acetate, T
Methylene chloride, T
1,1-Dichloroethane, T
2-Butanone, T
1,2-Dichloroethane, T
Bromochloromethane, T
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
1,2-Dichloroethane, T
1,4-Difluorobenzene, T
Trichloroethene, T
1,2-Dichloropropane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-pentanone, T
Toluene, T
trans-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
1,1,2,2-Tetrachloroethane, T
2-Hexanone, T
1,2-Dibromomethane, T
Chlorobenzene, T
Ethylbenzene, T
m,p-Xylene, T
Styrene, T
Isopropylbenzene, T
1,4,2,3-Tetrachlorobenzene, T
1,2-Dichlorobenzene, T
1,3,5-Trichlorobenzene, T
1,2-Dibromo-3-chloropropane, T
1,3,5-Trichlorobenzene
1,2,4-trichlorobenzene, T
Naphthalene
1,2,3-Trichlorobenzene, T



#2

Dichlorodifluoromethane

Concen: 46.58 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023760.D

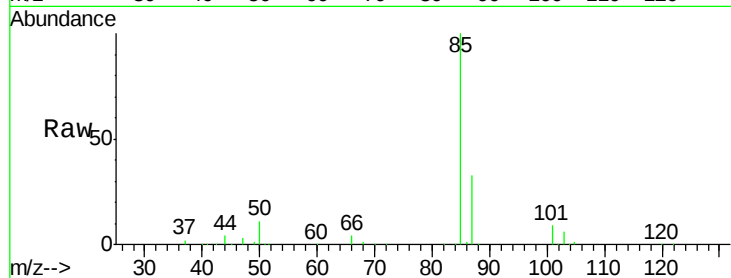
Acq: 09 May 2018 15:24

Tgt Ion: 85 Resp: 151703

Ion Ratio Lower Upper

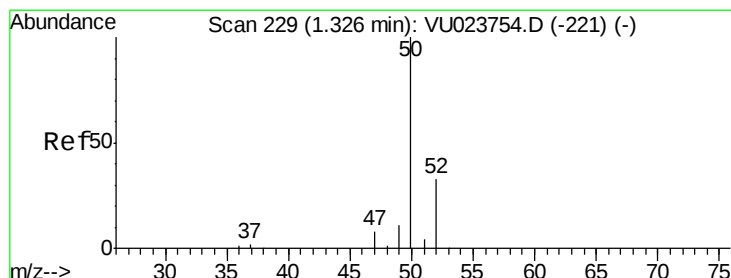
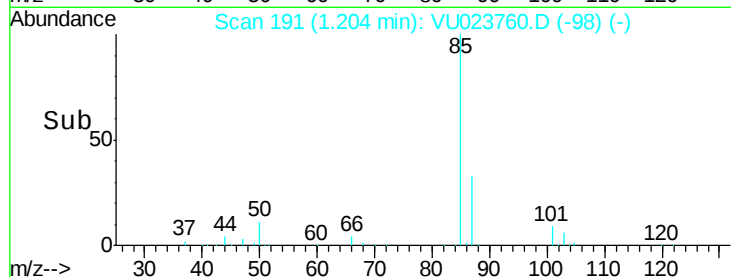
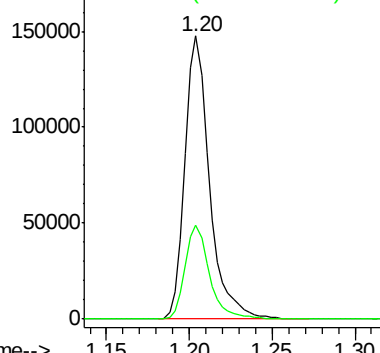
85 100

87 32.9 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: 43.09 ug/L

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU023760.D

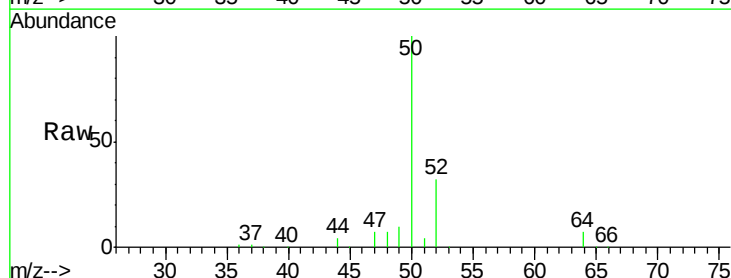
Acq: 09 May 2018 15:24

Tgt Ion: 50 Resp: 126984

Ion Ratio Lower Upper

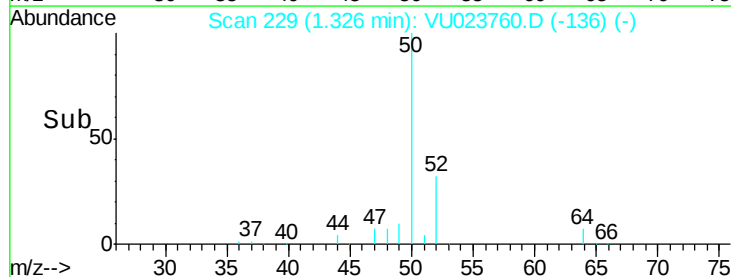
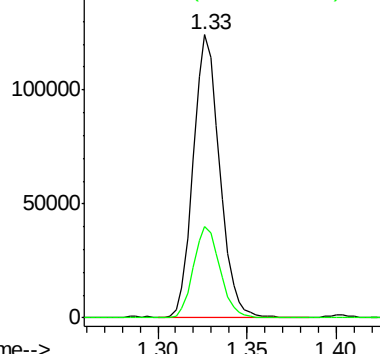
50 100

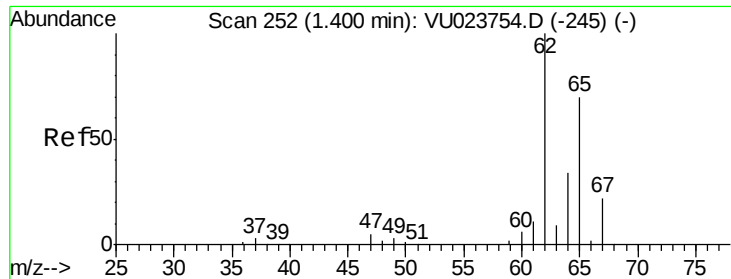
52 32.3 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 44.52 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023760.D

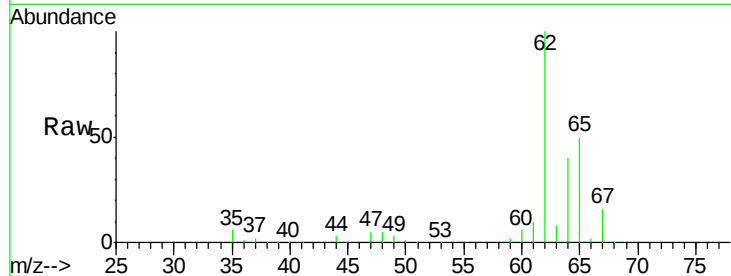
Acq: 09 May 2018 15:24

Tgt Ion: 62 Resp: 149235

Ion Ratio Lower Upper

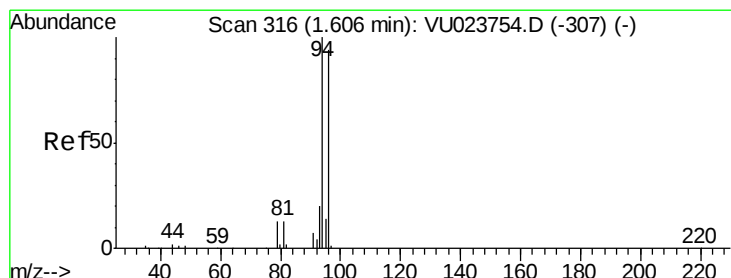
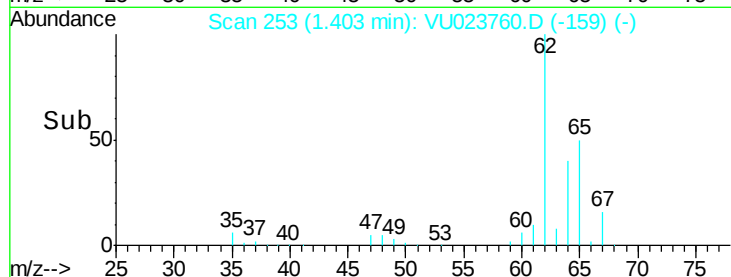
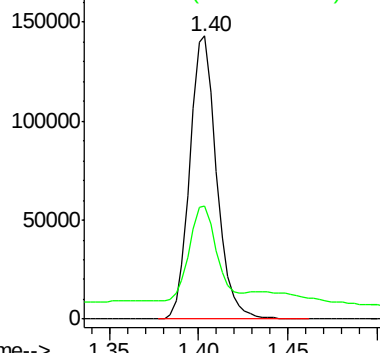
62 100

64 40.1 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: 30.51 ug/L

RT: 1.61 min Scan# 318

Delta R.T. 0.01 min

Lab File: VU023760.D

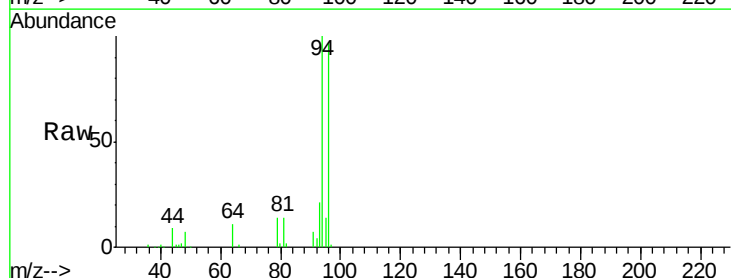
Acq: 09 May 2018 15:24

Tgt Ion: 94 Resp: 38224

Ion Ratio Lower Upper

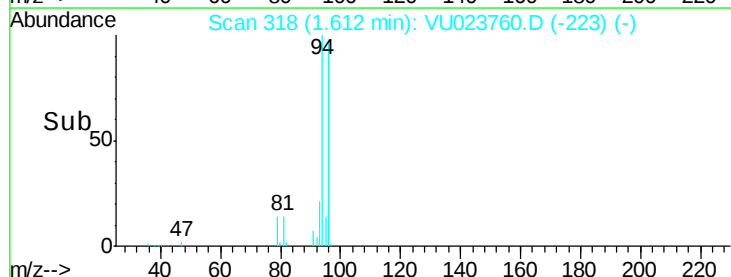
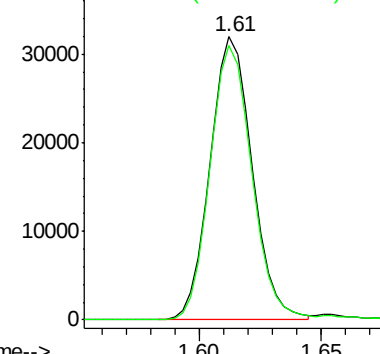
94 100

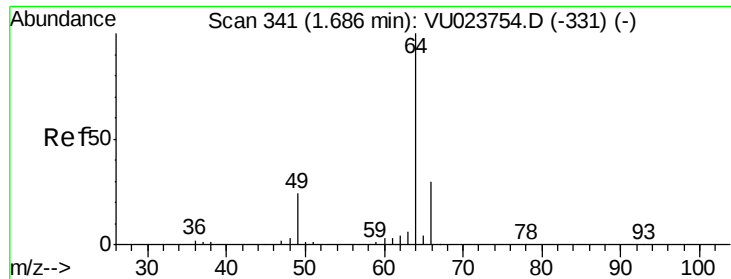
96 96.8 63.3 117.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 45.62 ug/L

RT: 1.69 min Scan# 342

Delta R.T. 0.00 min

Lab File: VU023760.D

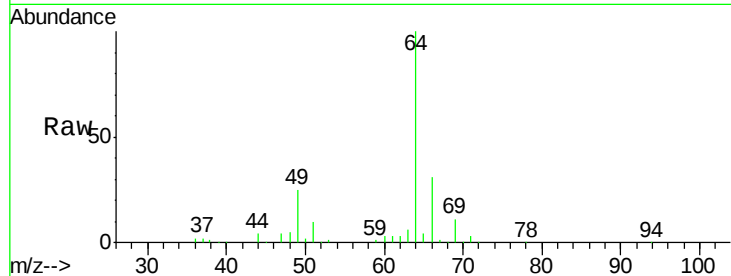
Acq: 09 May 2018 15:24

Tgt Ion: 64 Resp: 91902

Ion Ratio Lower Upper

64 100

66 30.9 22.5 41.9



Abundance Ion 64.00 (63.70 to 64.70): VU023754.D (-331) (-)

Ion 66.00 (65.70 to 66.70): VU023754.D (-331) (-)

1.69

80000

60000

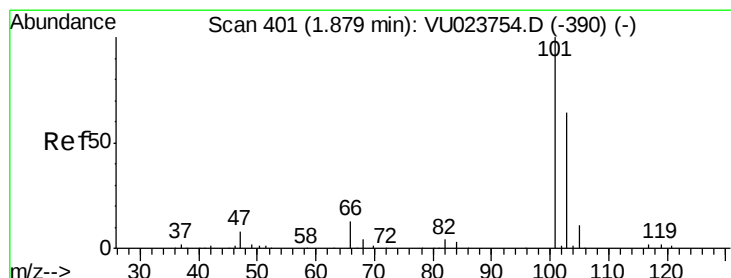
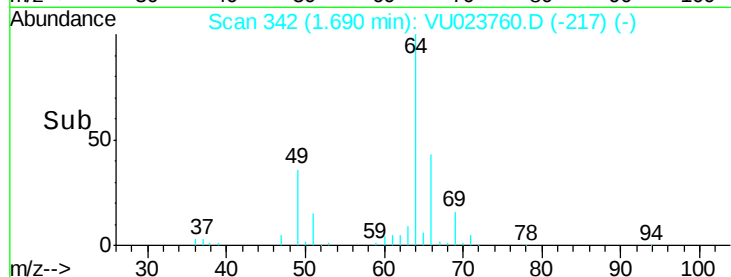
40000

20000

0

1.65 1.70 1.75

Time-->



#9

Trichlorofluoromethane

Concen: 47.07 ug/L

RT: 1.88 min Scan# 402

Delta R.T. 0.00 min

Lab File: VU023760.D

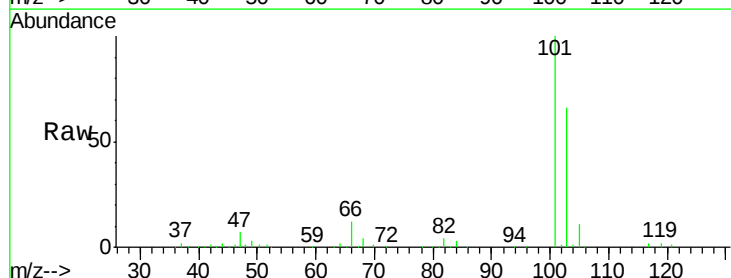
Acq: 09 May 2018 15:24

Tgt Ion: 101 Resp: 187913

Ion Ratio Lower Upper

101 100

103 65.0 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): VU023754.D (-390) (-)

Ion 103.00 (102.70 to 103.70): VU023754.D (-390) (-)

1.88

150000

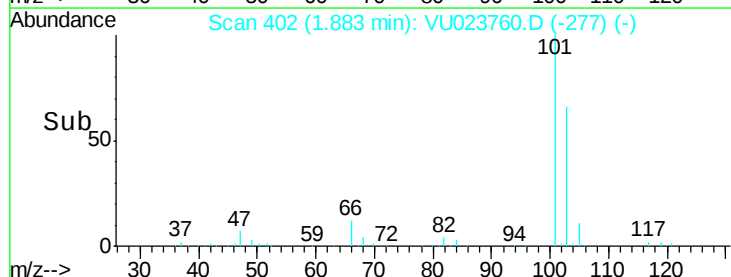
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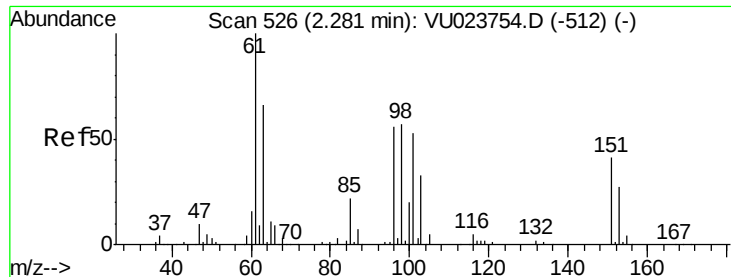
50000

0

1.80 1.85 1.90 1.95

Time-->





#10

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

Concen: 45.05 ug/L

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

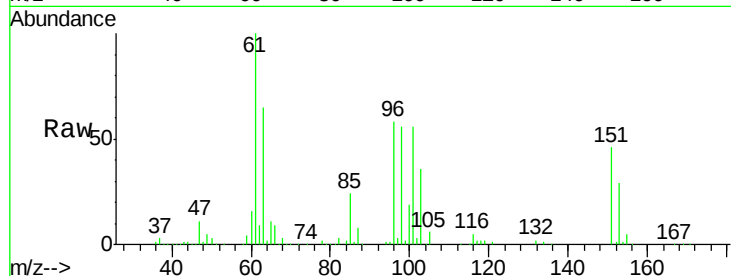
Tgt Ion: 101 Resp: 116964

Ion Ratio Lower Upper

101 100

85 42.4 33.9 50.9

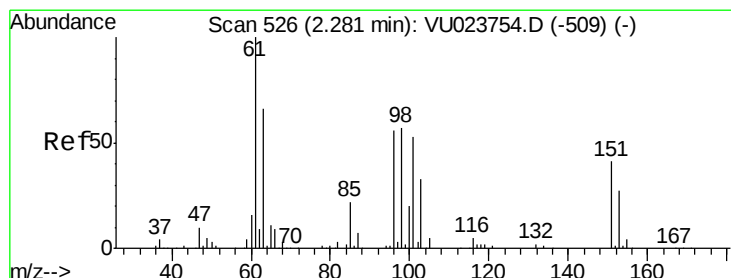
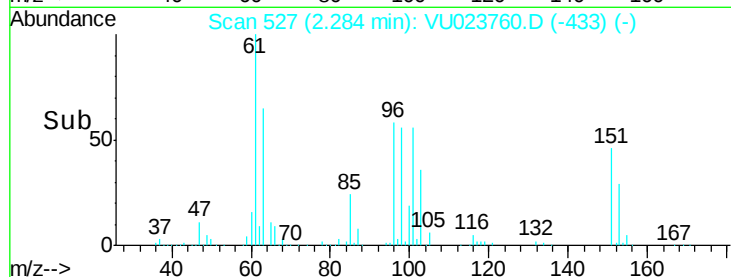
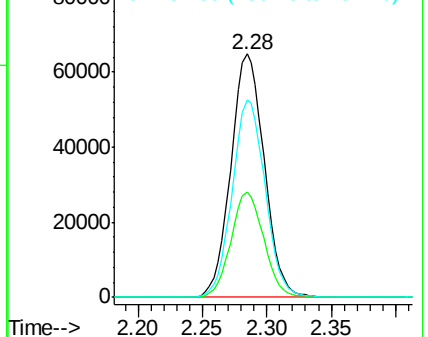
151 79.9 63.0 94.4



Abundance Ion 101.00 (100.70 to 101.70): VU023760.D (-433) (-)

Ion 85.00 (84.70 to 85.70): VU023760.D (-433) (-)

Ion 151.00 (150.70 to 151.70): VU023760.D (-433) (-)



#12

1,1-Dichloroethene

Concen: 44.32 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

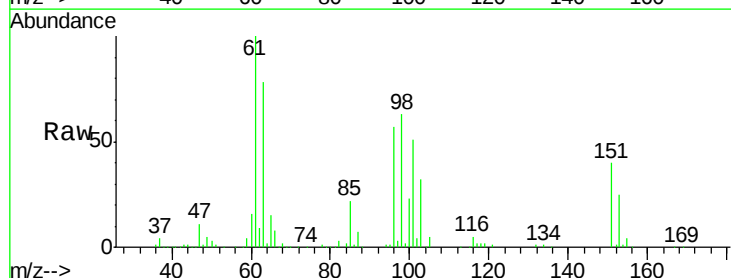
Tgt Ion: 96 Resp: 106852

Ion Ratio Lower Upper

96 100

61 176.5 126.4 234.8

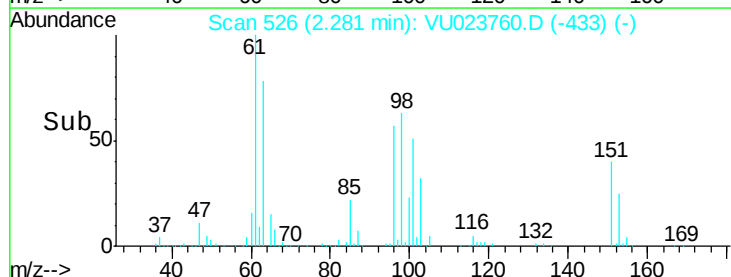
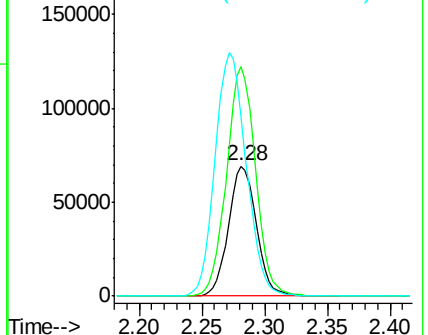
63 138.0 97.3 180.7

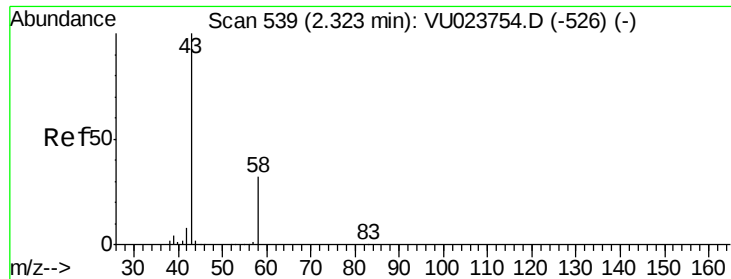


Abundance Ion 96.00 (95.70 to 96.70): VU023760.D (-433) (-)

Ion 61.00 (60.70 to 61.70): VU023760.D (-433) (-)

Ion 63.00 (62.70 to 63.70): VU023760.D (-433) (-)





#13

Acetone

Concen: 89.60 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU023760.D

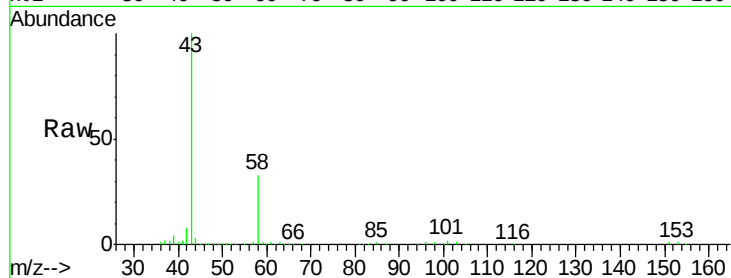
Acq: 09 May 2018 15:24

Tgt Ion: 43 Resp: 198531

Ion Ratio Lower Upper

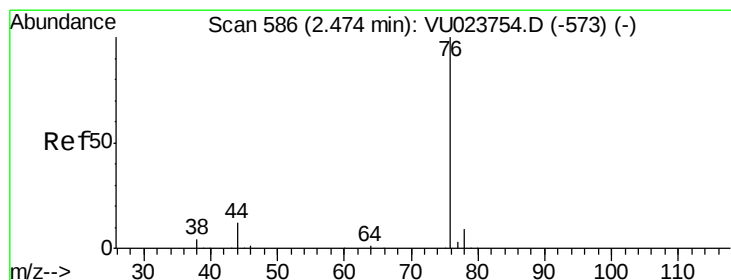
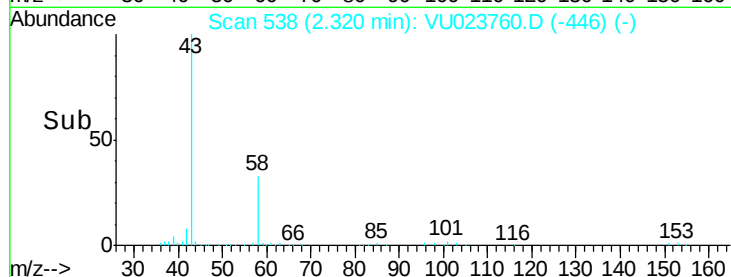
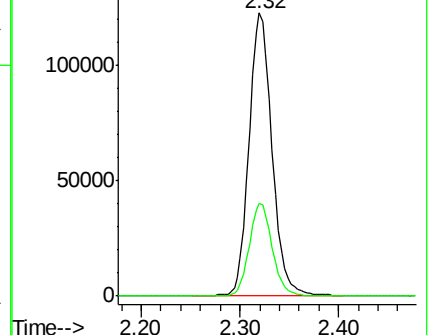
43 100

58 32.3 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: 45.88 ug/L

RT: 2.47 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU023760.D

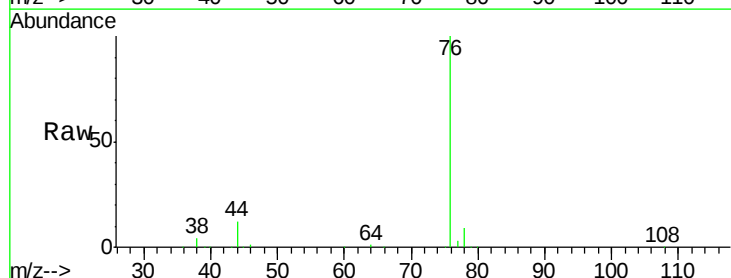
Acq: 09 May 2018 15:24

Tgt Ion: 76 Resp: 356828

Ion Ratio Lower Upper

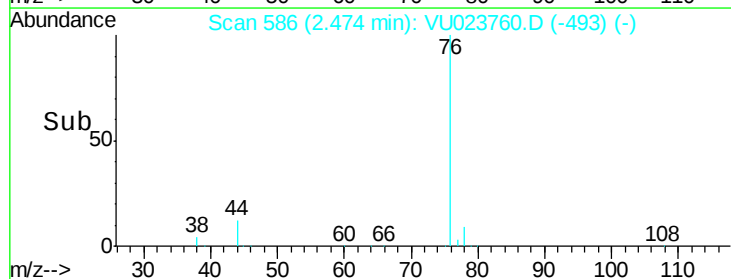
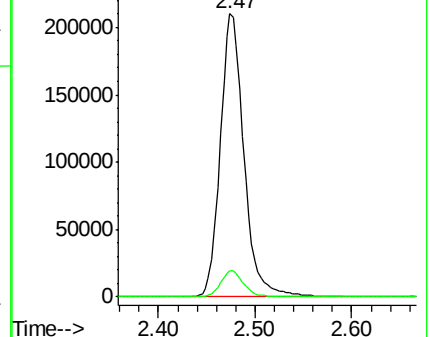
76 100

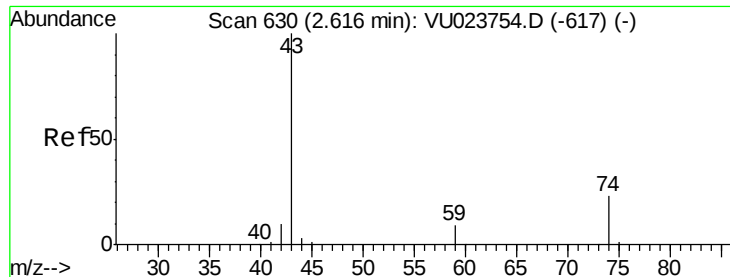
78 9.2 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





#15

Methyl Acetate

Concen: 45.98 ug/L

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU023760.D

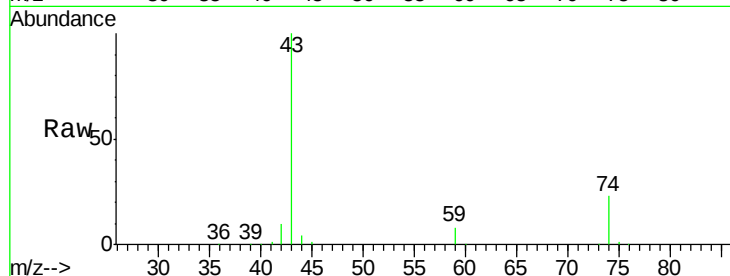
Acq: 09 May 2018 15:24

Tgt Ion: 43 Resp: 158447

Ion Ratio Lower Upper

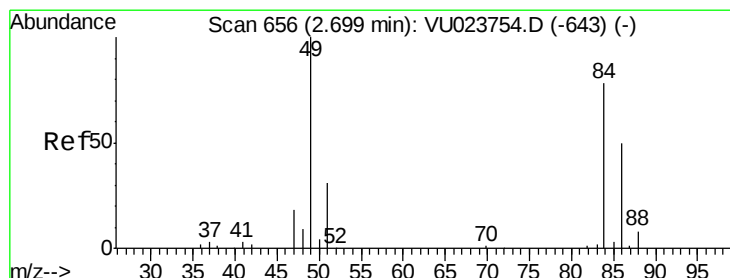
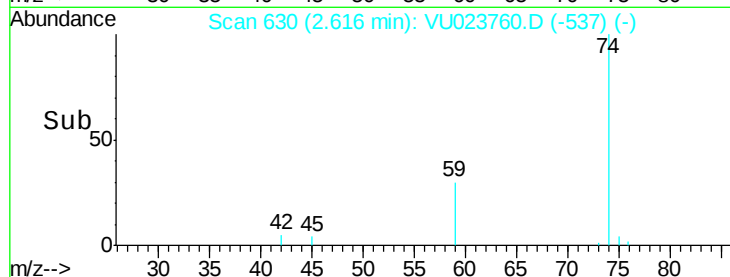
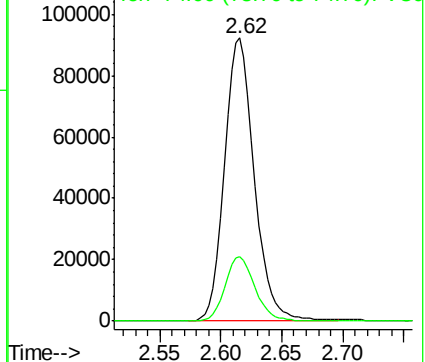
43 100

74 22.9 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#16

Methylene chloride

Concen: 46.98 ug/L

RT: 2.70 min Scan# 656

Delta R.T. -0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

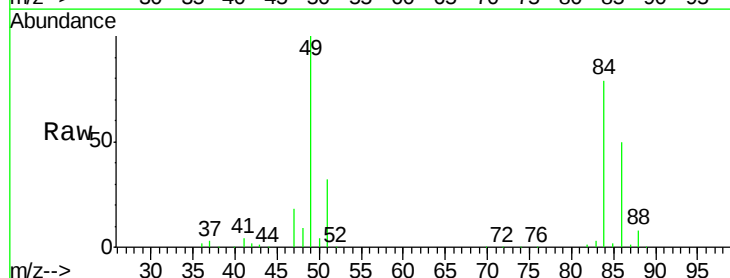
Tgt Ion: 84 Resp: 138816

Ion Ratio Lower Upper

84 100

86 63.5 45.8 85.2

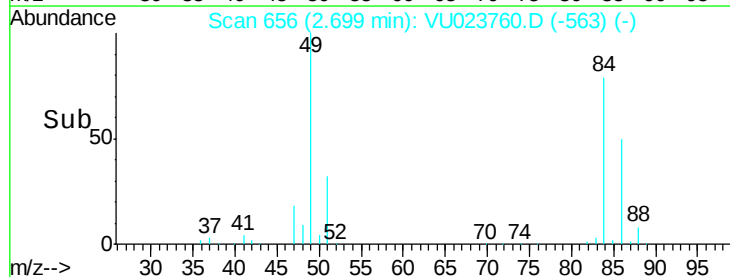
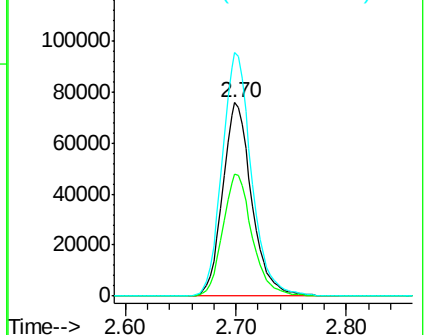
49 126.1 90.4 167.8

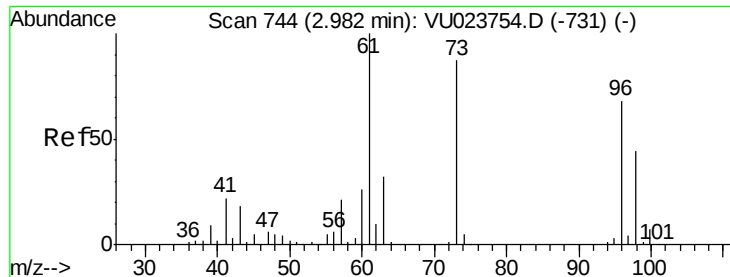


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

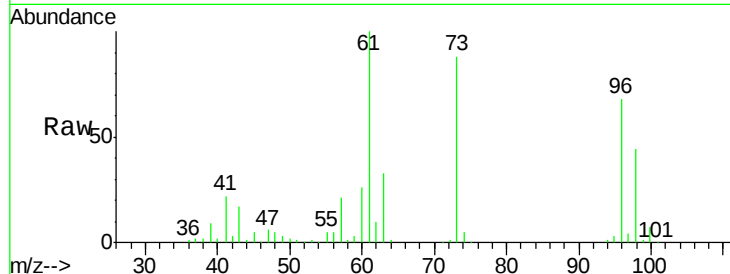
Ion 49.00 (48.70 to 49.70): VU0



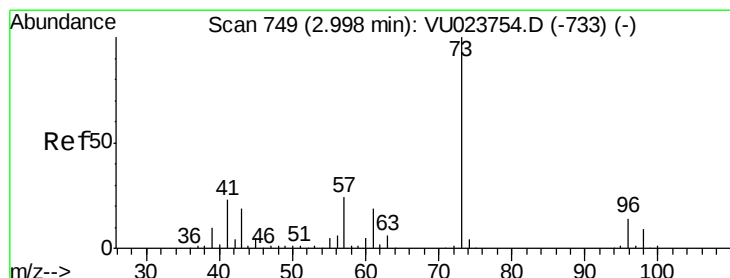
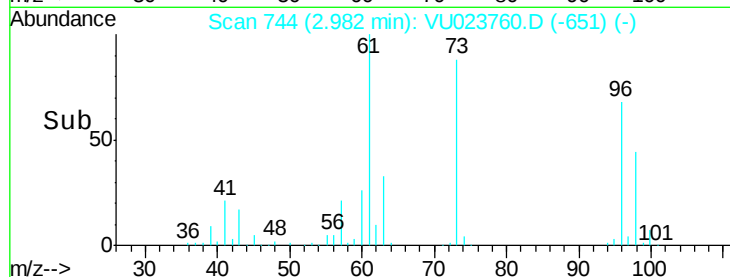
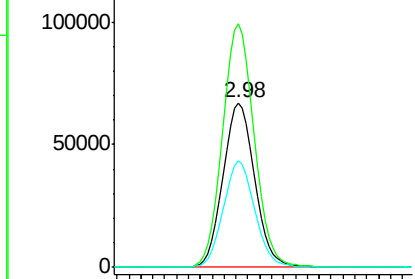


#17
trans-1,2-Dichloroethene
Concen: 46.77 ug/L
RT: 2.98 min Scan# 744
Delta R.T. -0.00 min
Lab File: VU023760.D
Acq: 09 May 2018 15:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.9	103.7	192.7
98	64.5	44.4	82.5

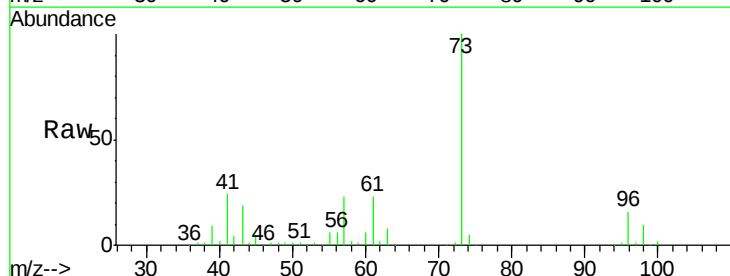


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

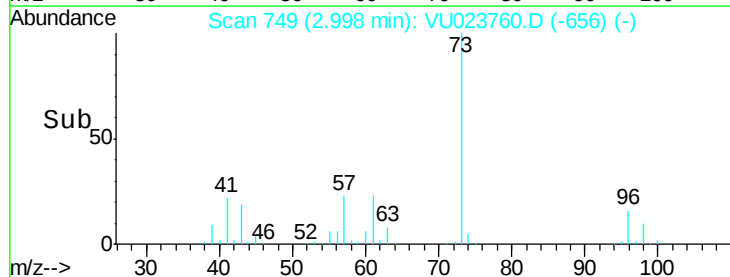
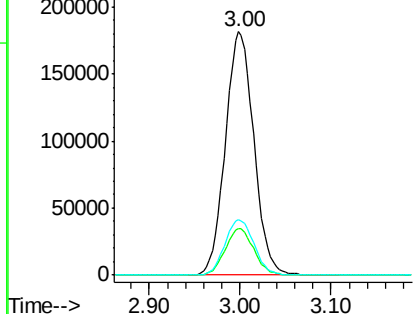


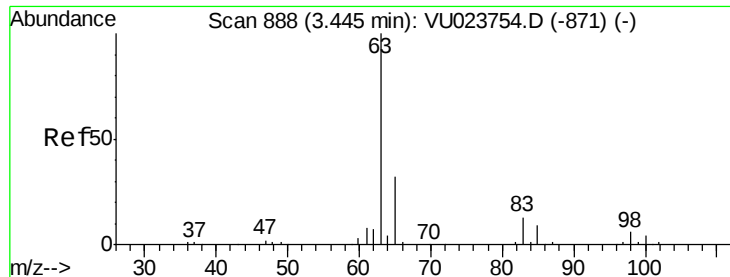
#18
Methyl tert-butyl Ether
Concen: 47.78 ug/L
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU023760.D
Acq: 09 May 2018 15:24

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.2	15.4	23.0
57	23.2	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: 47.42 ug/L

RT: 3.45 min Scan# 888

Delta R.T. -0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

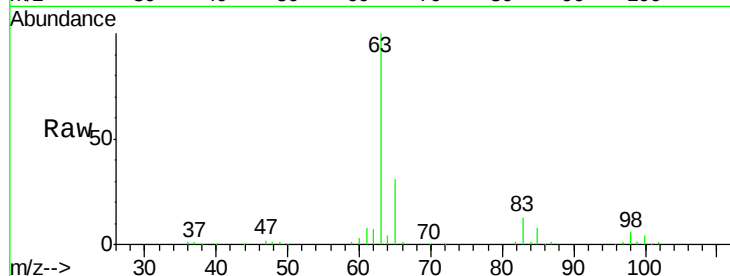
Tgt Ion: 63 Resp: 245896

Ion Ratio Lower Upper

63 100

65 30.6 22.4 41.6

83 12.9 9.2 17.2

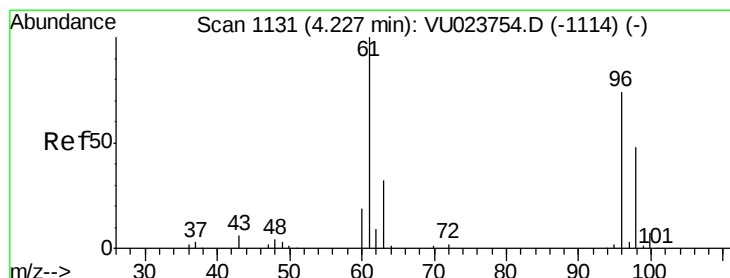
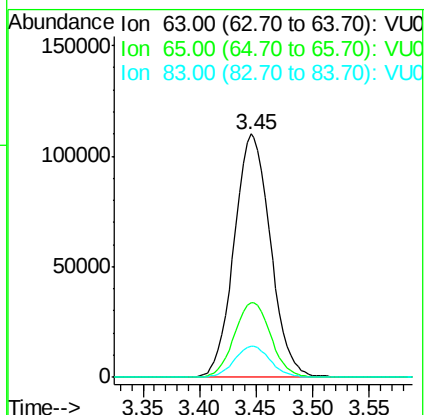
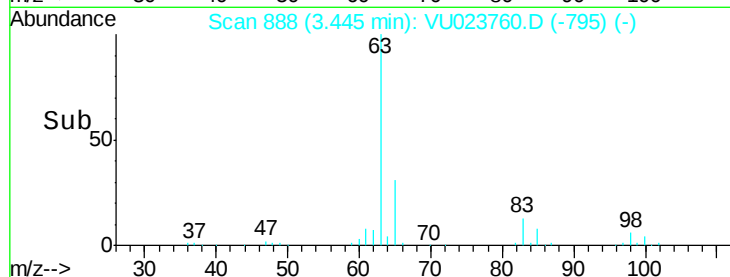


Abundance Ion 63.00 (62.70 to 63.70): VU023760.D (-795) (-)

Ion 65.00 (64.70 to 65.70): VU023760.D (-795) (-)

Ion 83.00 (82.70 to 83.70): VU023760.D (-795) (-)

Time-->



#20

cis-1,2-Dichloroethene

Concen: 46.96 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

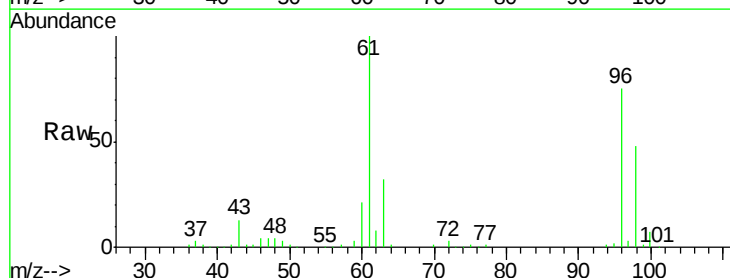
Tgt Ion: 96 Resp: 140958

Ion Ratio Lower Upper

96 100

61 133.3 93.9 174.5

68 0.0 0.0 0.0

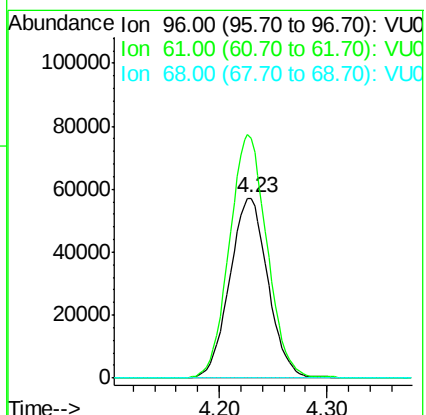
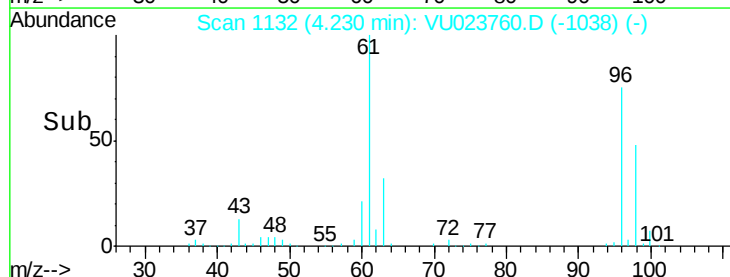


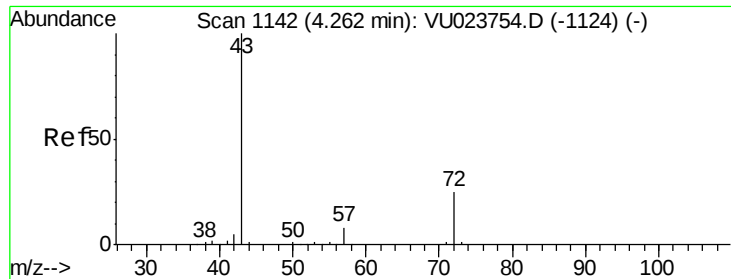
Abundance Ion 96.00 (95.70 to 96.70): VU023760.D (-1038) (-)

Ion 61.00 (60.70 to 61.70): VU023760.D (-1038) (-)

Ion 68.00 (67.70 to 68.70): VU023760.D (-1038) (-)

Time-->





#22

2-Butanone

Concen: 93.96 ug/L

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU023760.D

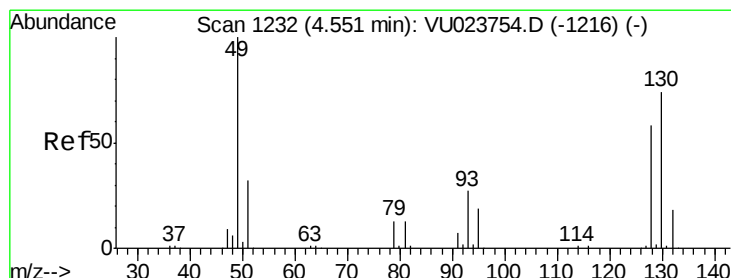
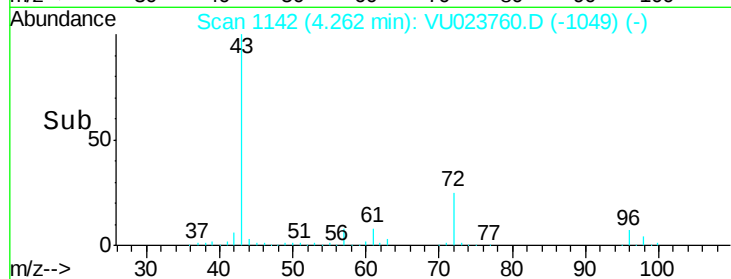
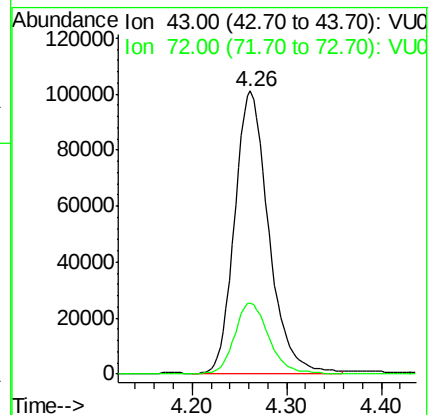
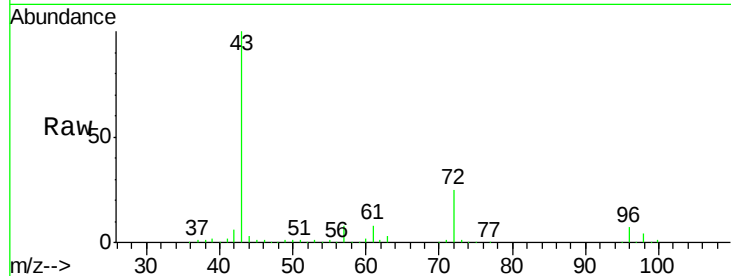
Acq: 09 May 2018 15:24

Tgt Ion: 43 Resp: 251509

Ion Ratio Lower Upper

43 100

72 25.8 12.7 38.0



#23

Bromochloromethane

Concen: 47.22 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

Tgt Ion: 128 Resp: 70362

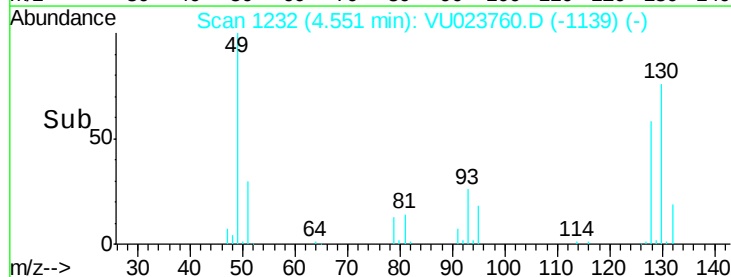
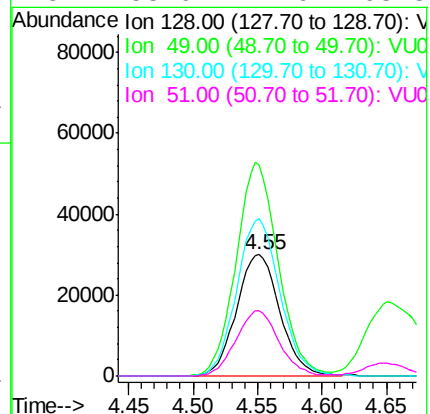
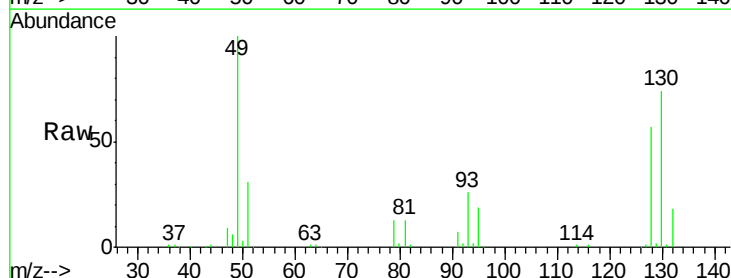
Ion Ratio Lower Upper

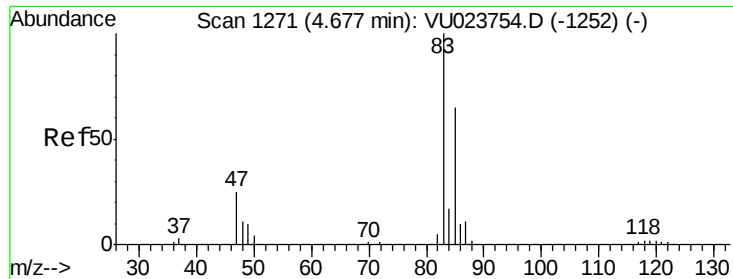
128 100

49 174.4 116.1 215.7

130 129.4 86.6 160.8

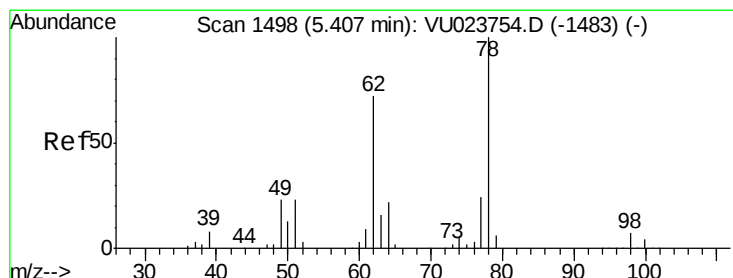
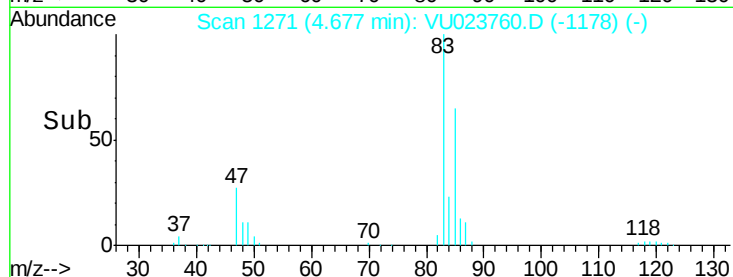
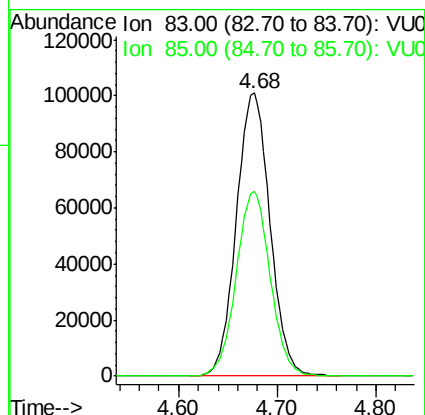
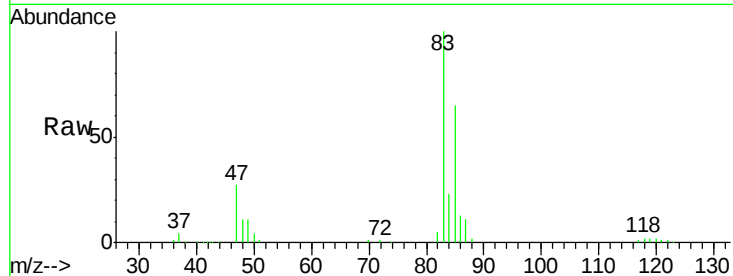
51 53.9 42.6 63.8





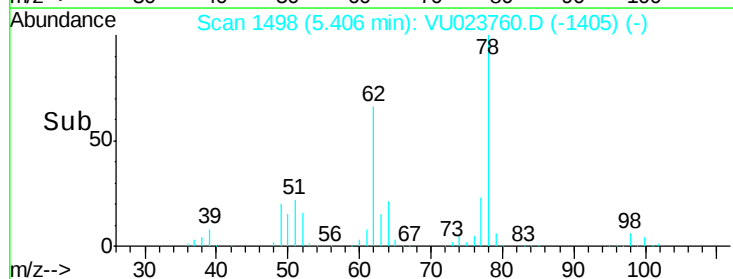
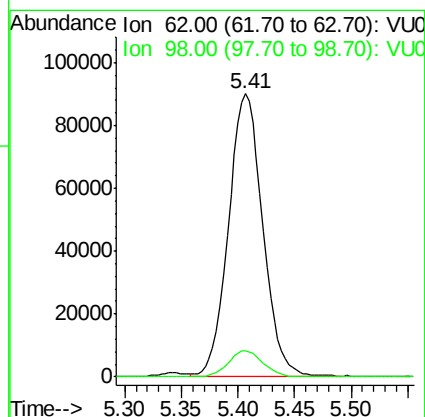
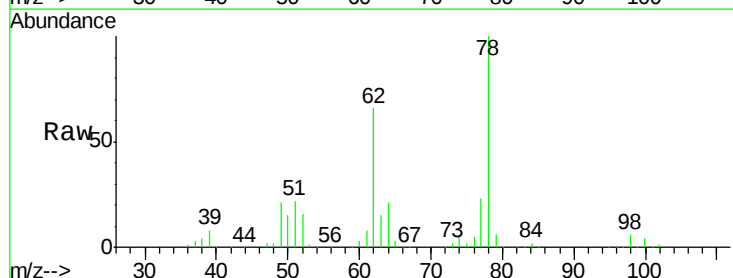
#25
Chloroform
Concen: 46.45 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023760.D
Acq: 09 May 2018 15:24

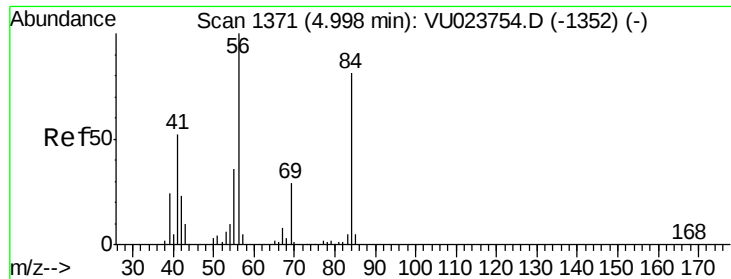
Tgt Ion: 83 Resp: 239219
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 47.68 ug/L
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU023760.D
Acq: 09 May 2018 15:24

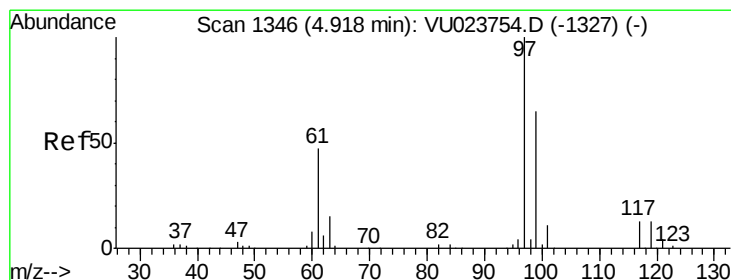
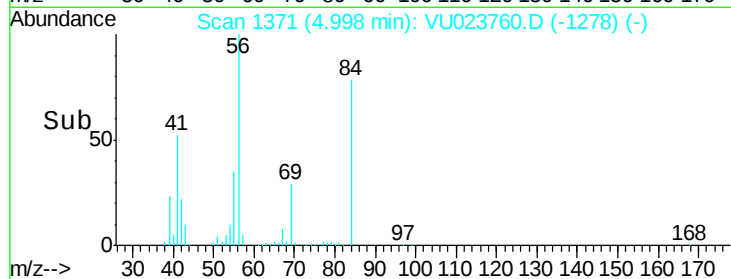
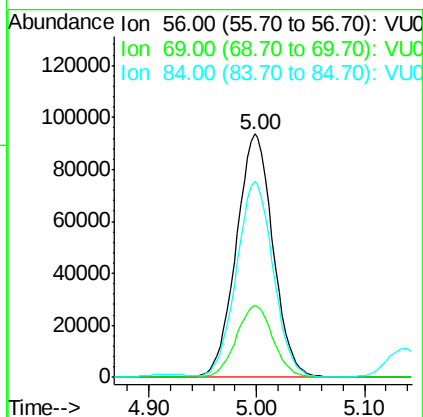
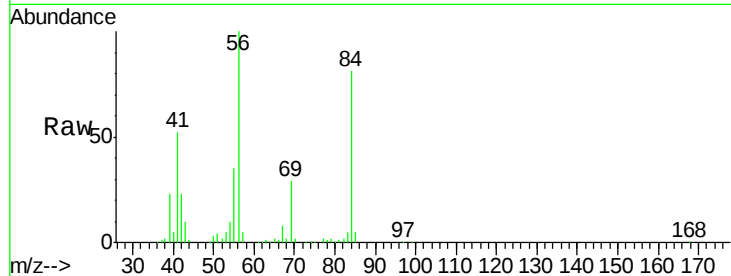
Tgt Ion: 62 Resp: 189208
Ion Ratio Lower Upper
62 100
98 9.2 7.8 11.8





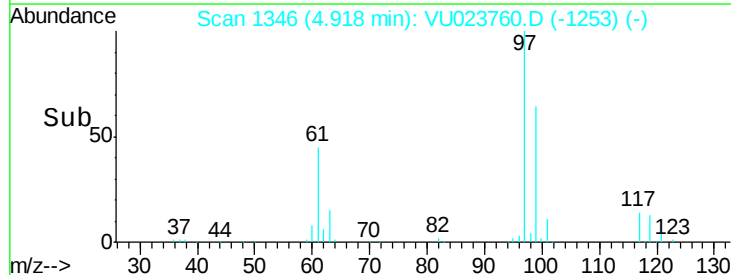
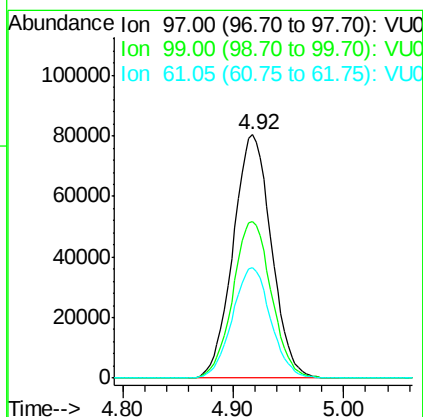
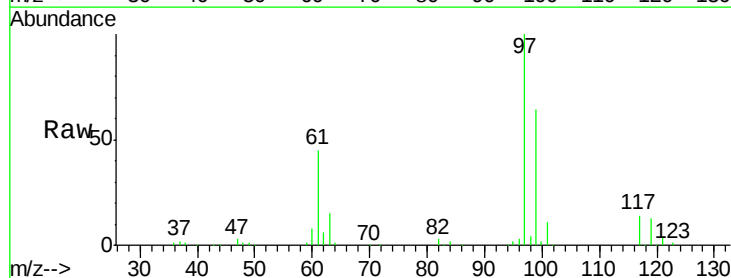
#29
Cyclohexane
Concen: 47.94 ug/L
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU023760.D
Acq: 09 May 2018 15:24

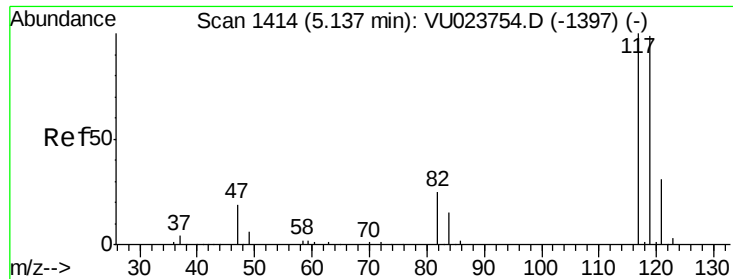
Tgt Ion: 56 Resp: 221731
Ion Ratio Lower Upper
56 100
69 29.5 23.6 35.4
84 80.1 65.8 98.8



#30
1,1,1-Trichloroethane
Concen: 47.25 ug/L
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU023760.D
Acq: 09 May 2018 15:24

Tgt Ion: 97 Resp: 193464
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 45.6 36.5 54.7





#31

Carbon tetrachloride

Concen: 47.85 ug/L

RT: 5.14 min Scan# 1414

Delta R.T. -0.00 min

Lab File: VU023760.D

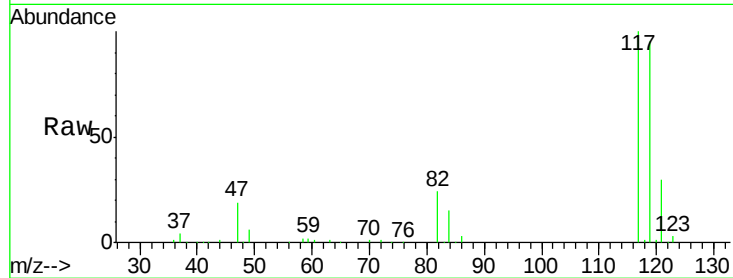
Acq: 09 May 2018 15:24

Tgt Ion: 117 Resp: 168815

Ion Ratio Lower Upper

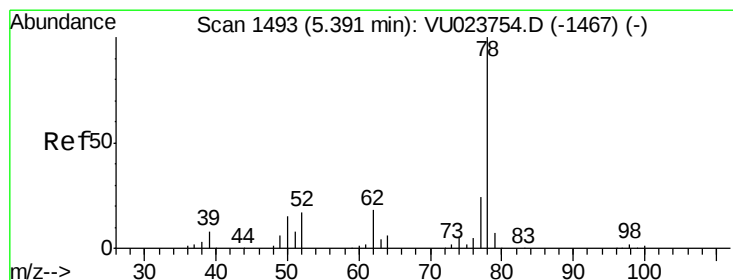
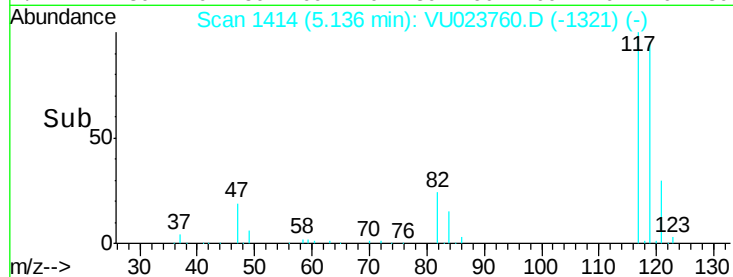
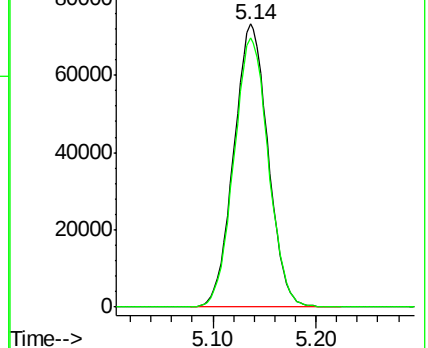
117 100

119 95.8 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: 47.16 ug/L

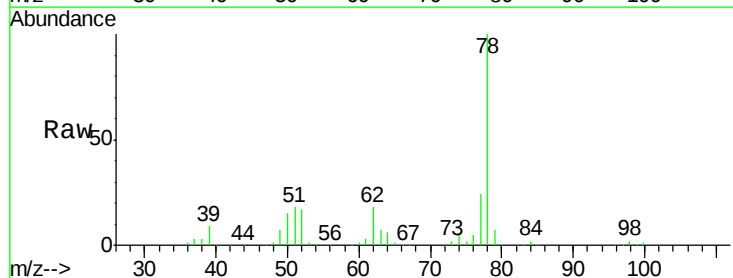
RT: 5.39 min Scan# 1493

Delta R.T. -0.00 min

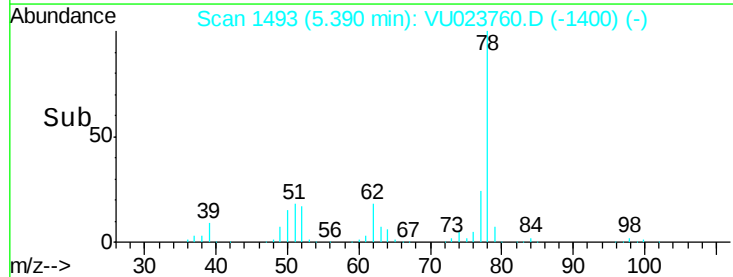
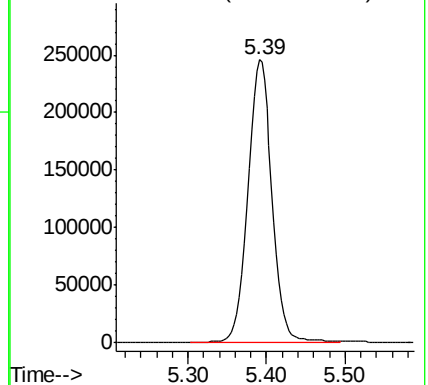
Lab File: VU023760.D

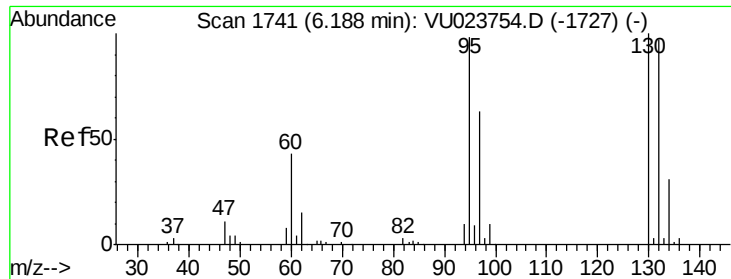
Acq: 09 May 2018 15:24

Tgt Ion: 78 Resp: 535029



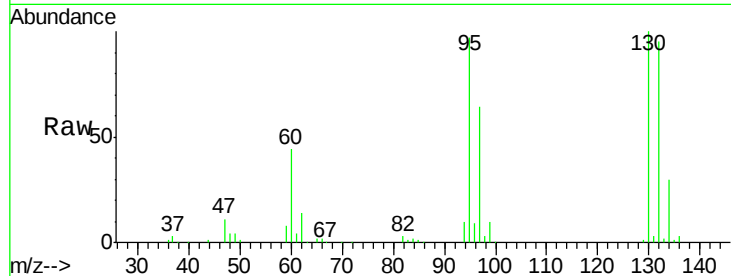
Abundance Ion 78.00 (77.70 to 78.70): VU0



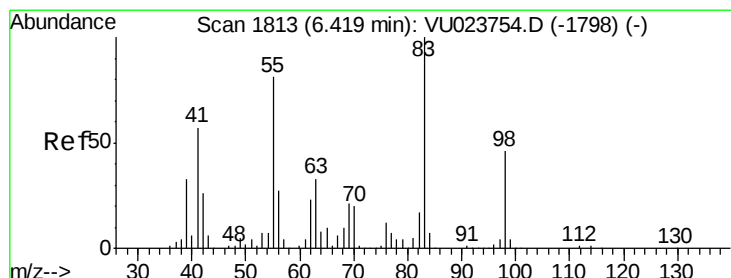
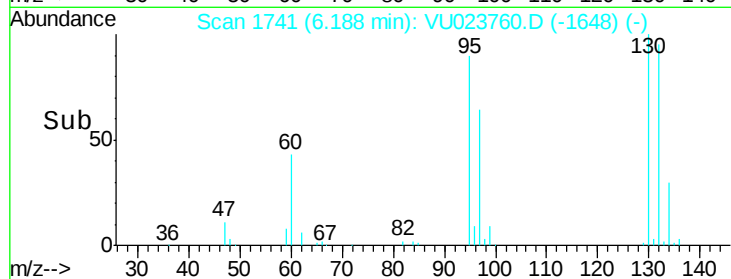
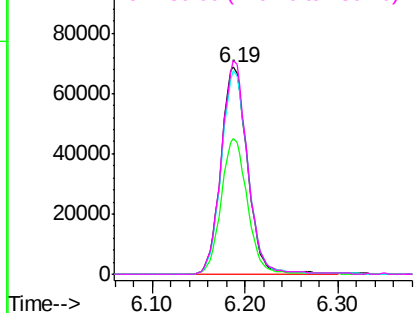


#34
 Trichloroethene
 Concen: 47.21 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023760.D
 Acq: 09 May 2018 15:24

Tgt Ion:	95	Resp:	136716
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.2	82.2
132	98.2	67.8	125.8
130	103.1	69.6	129.2

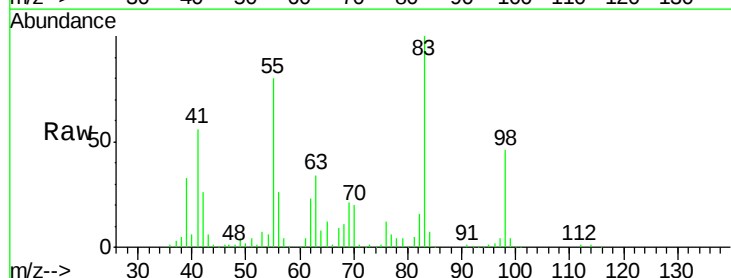


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

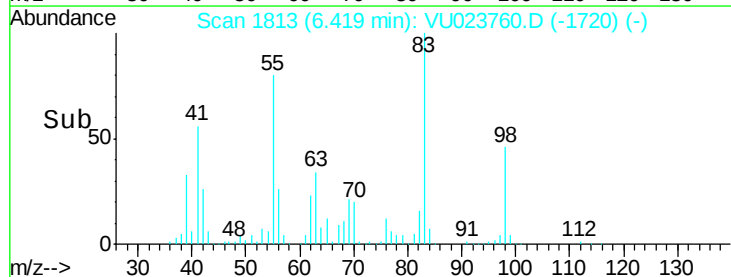
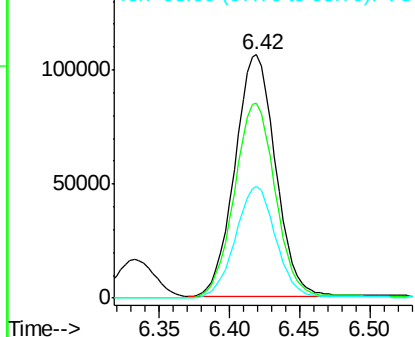


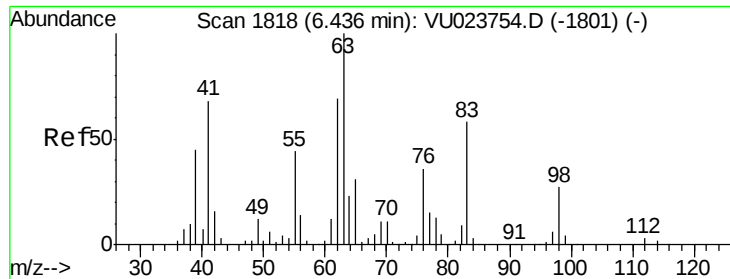
#35
 Methylcyclohexane
 Concen: 48.02 ug/L
 RT: 6.42 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VU023760.D
 Acq: 09 May 2018 15:24

Tgt Ion:	83	Resp:	214234
Ion	Ratio	Lower	Upper
83	100		
55	81.4	64.8	97.2
98	46.0	36.7	55.1



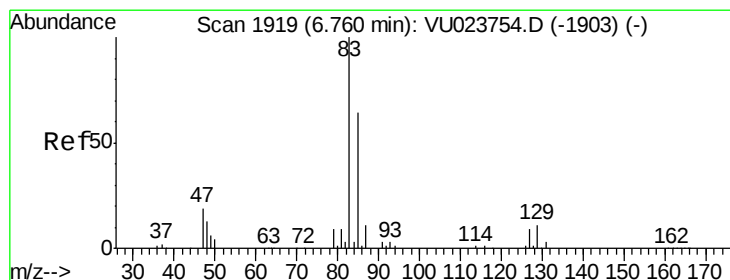
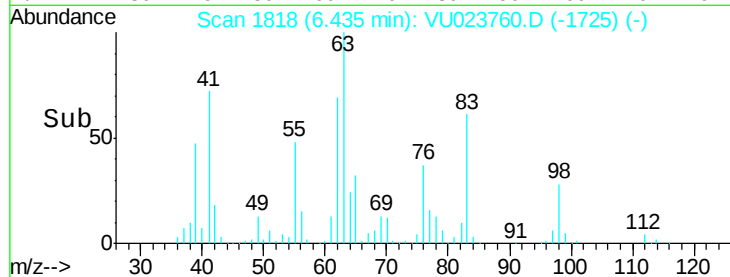
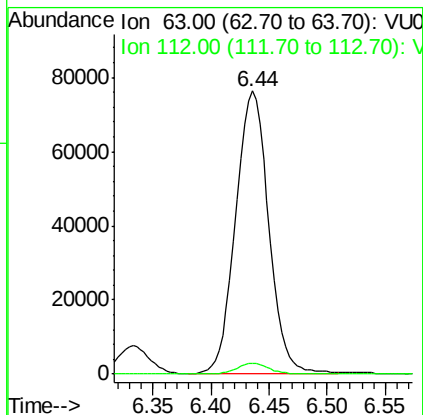
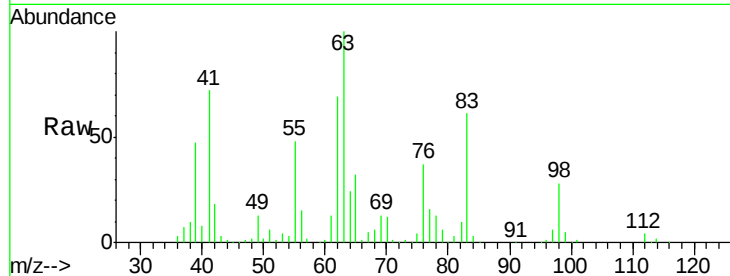
Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





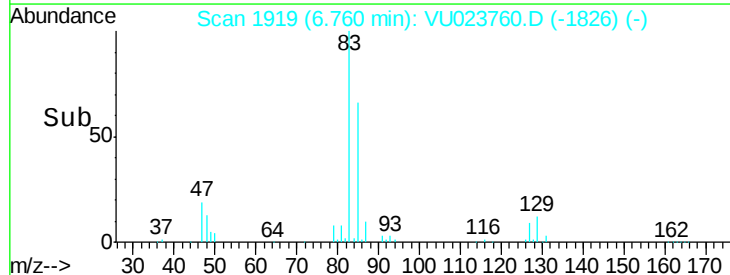
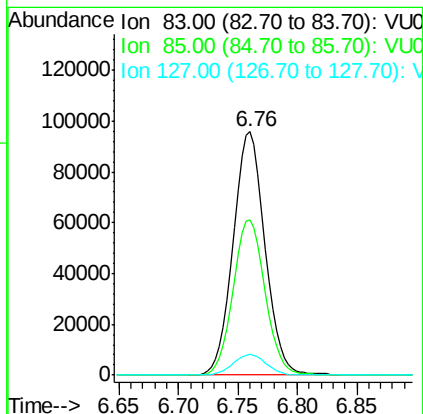
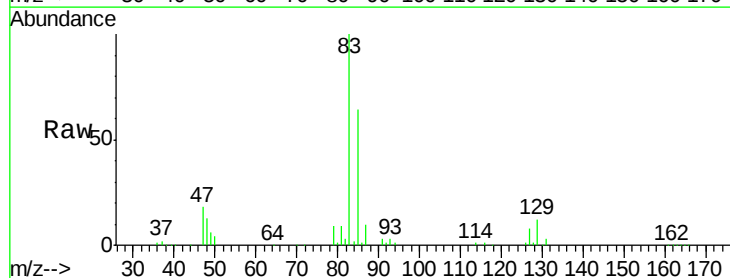
#37
 1,2-Dichloropropane
 Concen: 46.99 ug/L
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU023760.D
 Acq: 09 May 2018 15:24

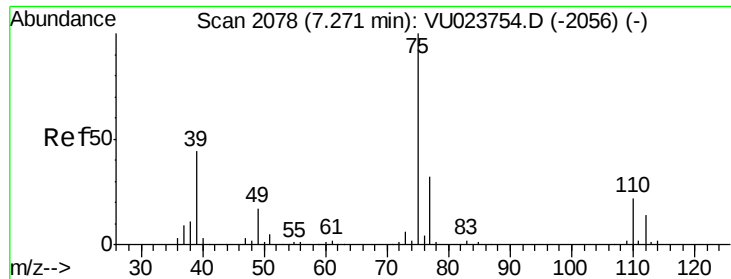
Tgt Ion: 63 Resp: 151334
 Ion Ratio Lower Upper
 63 100
 112 3.7 2.8 4.2



#38
 Bromodichloromethane
 Concen: 47.24 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU023760.D
 Acq: 09 May 2018 15:24

Tgt Ion: 83 Resp: 176846
 Ion Ratio Lower Upper
 83 100
 85 63.8 44.4 82.4
 127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 48.60 ug/L

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU023760.D

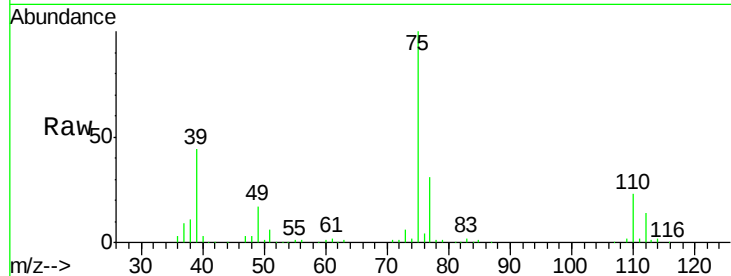
Acq: 09 May 2018 15:24

Tgt Ion: 75 Resp: 219464

Ion Ratio Lower Upper

75 100

77 31.5 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

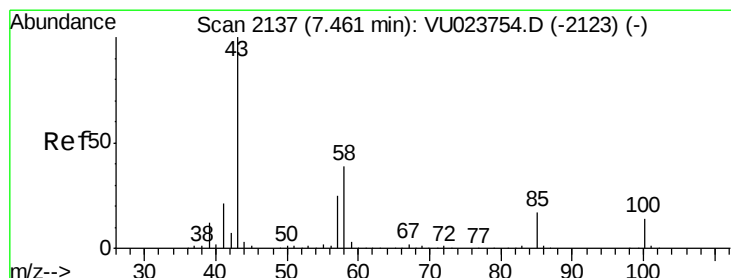
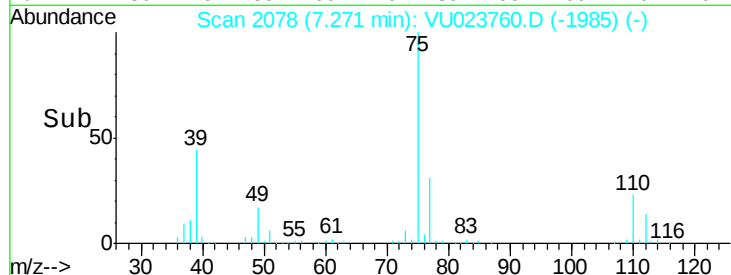
7.27

100000

50000

0

Time-->



#40

4-Methyl-2-pentanone

Concen: 95.22 ug/L

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

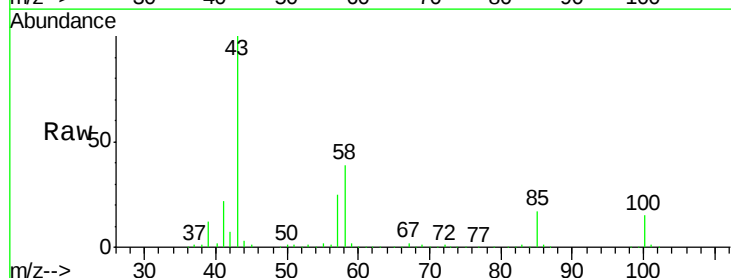
Tgt Ion: 43 Resp: 417089

Ion Ratio Lower Upper

43 100

58 39.3 31.3 46.9

100 14.2 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

7.46

300000

250000

200000

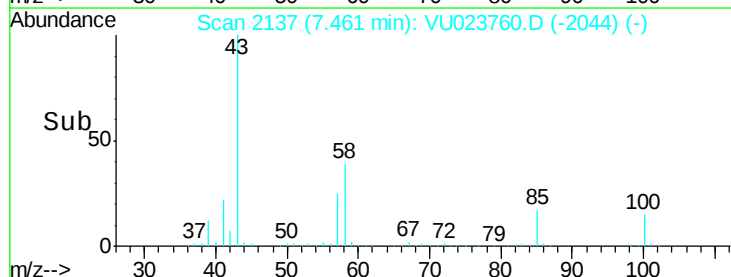
150000

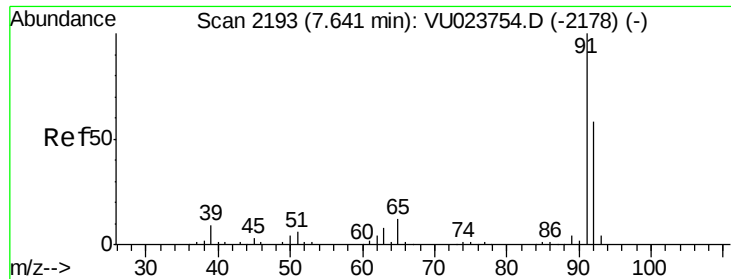
100000

50000

0

Time-->





#42

Toluene

Concen: 47.89 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023760.D

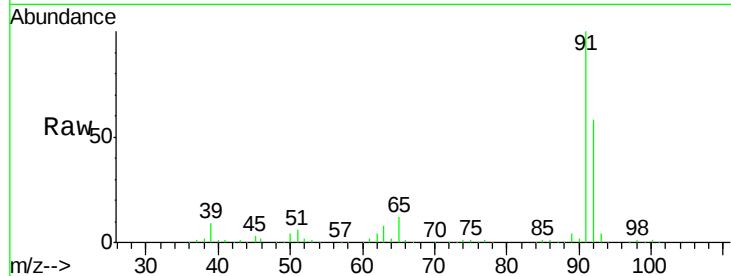
Acq: 09 May 2018 15:24

Tgt Ion: 91 Resp: 567617

Ion Ratio Lower Upper

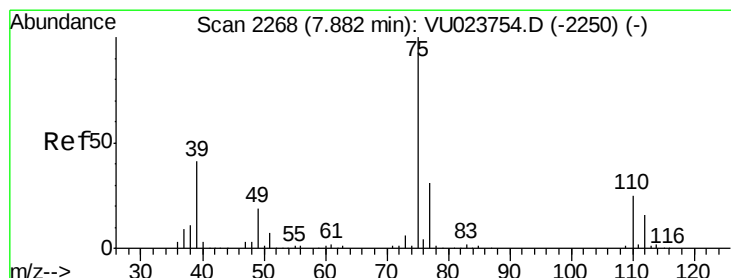
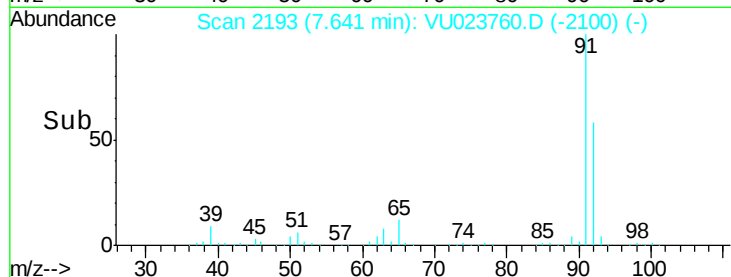
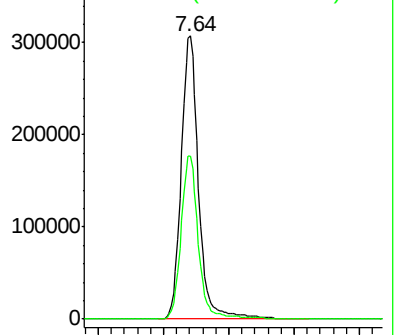
91 100

92 57.7 40.9 76.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 48.65 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU023760.D

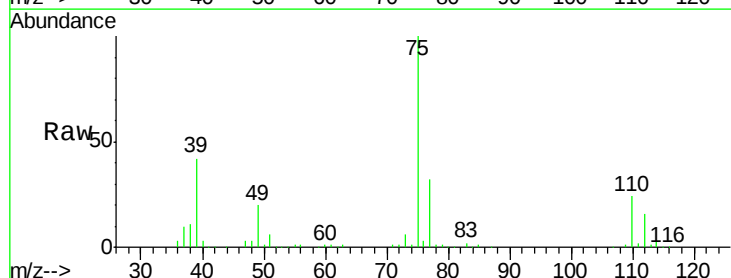
Acq: 09 May 2018 15:24

Tgt Ion: 75 Resp: 196857

Ion Ratio Lower Upper

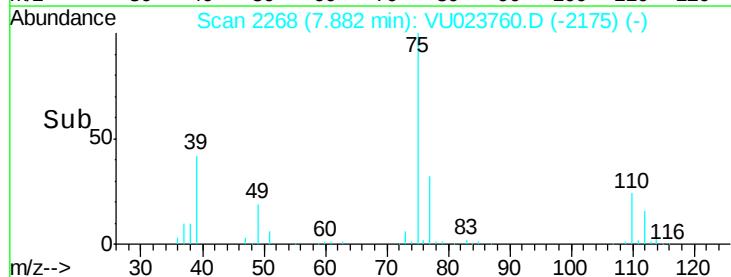
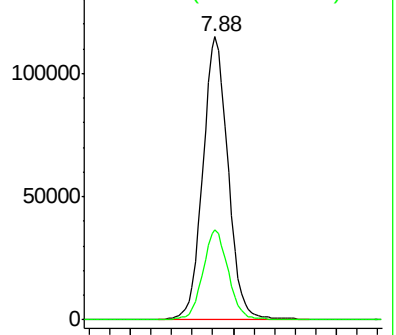
75 100

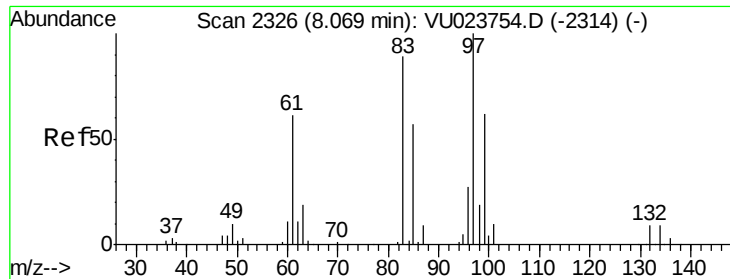
77 31.9 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#45

1,1,2-Trichloroethane

Concen: 46.98 ug/L

RT: 8.07 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

Tgt Ion: 97 Resp: 132234

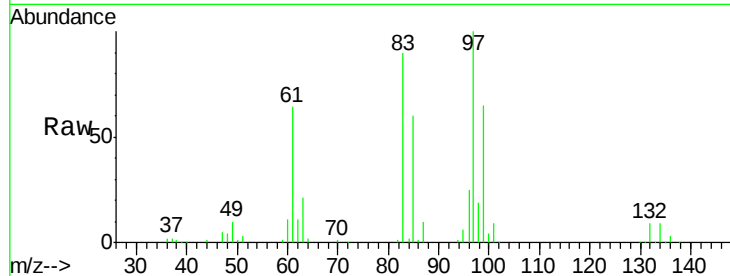
Ion Ratio Lower Upper

97 100

99 64.9 45.0 83.6

83 90.2 63.1 117.3

85 59.8 40.2 74.6

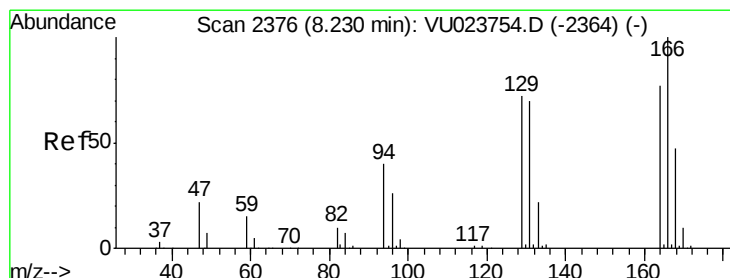
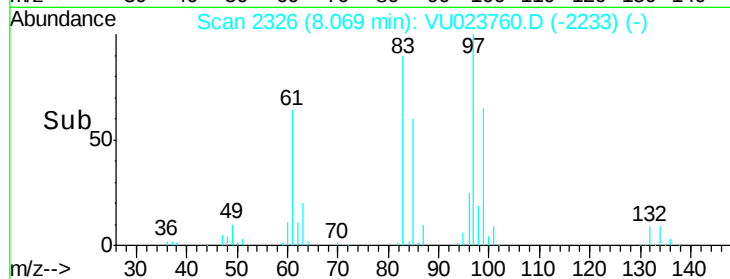
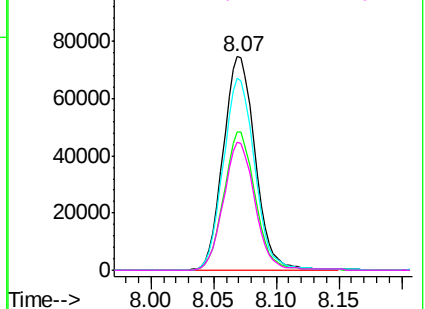


Abundance Ion 97.00 (96.70 to 97.70): VU0

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: 47.10 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

Tgt Ion: 164 Resp: 112903

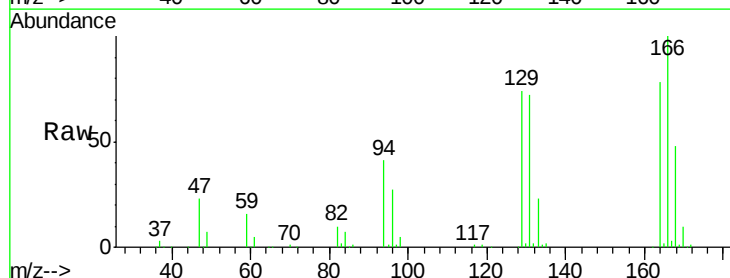
Ion Ratio Lower Upper

164 100

129 94.2 66.9 124.3

131 92.1 63.6 118.0

166 128.1 93.0 172.6

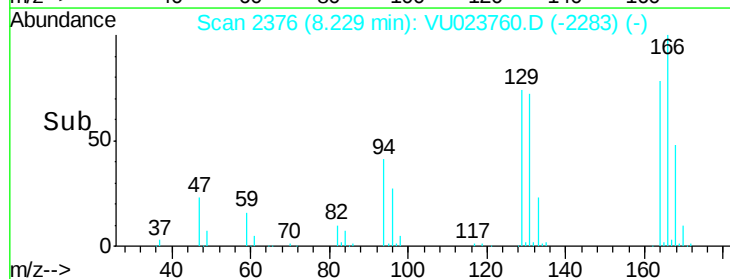
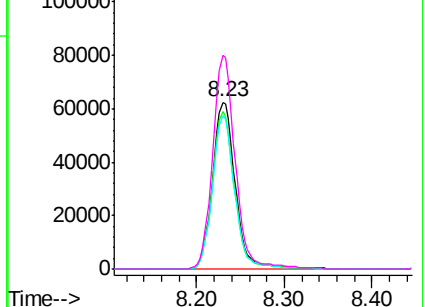


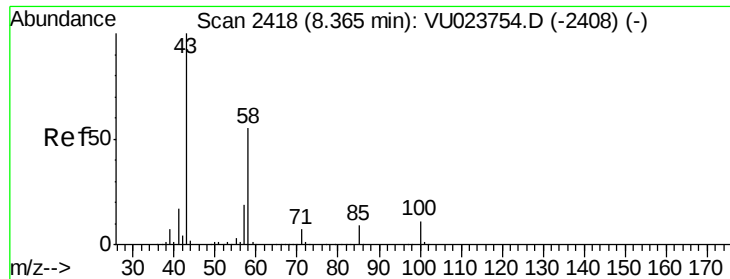
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

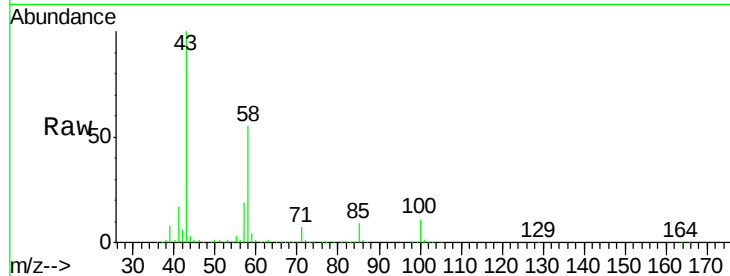
Ion 166.00 (165.70 to 166.70): V



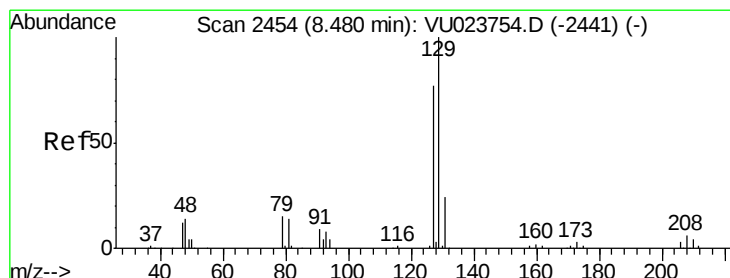
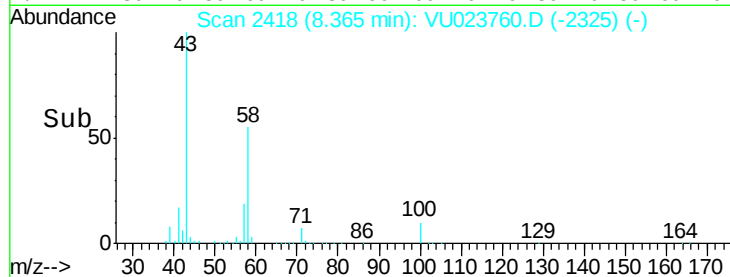
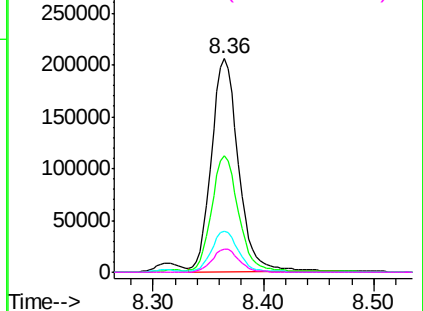


#48
2-Hexanone
Concen: 96.60 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU023760.D
Acq: 09 May 2018 15:24

Tgt Ion:	43	Resp:	348039
Ion	Ratio	Lower	Upper
43	100		
58	54.6	43.4	65.0
57	18.8	15.0	22.4
100	11.1	8.7	13.1

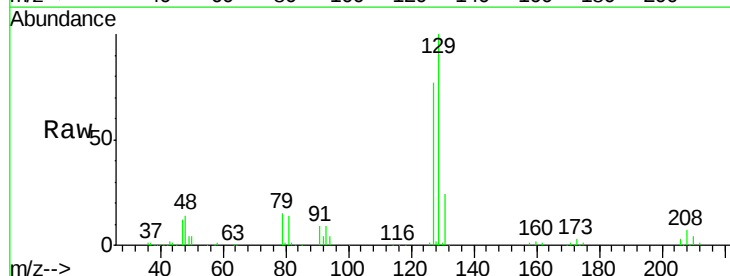


Abundance Ion 43.00 (42.70 to 43.70): VU023760.D (-2325) (-)
Ion 58.00 (57.70 to 58.70): VU023760.D (-2325) (-)
Ion 57.00 (56.70 to 57.70): VU023760.D (-2325) (-)
Ion 100.00 (99.70 to 100.70): VU023760.D (-2325) (-)

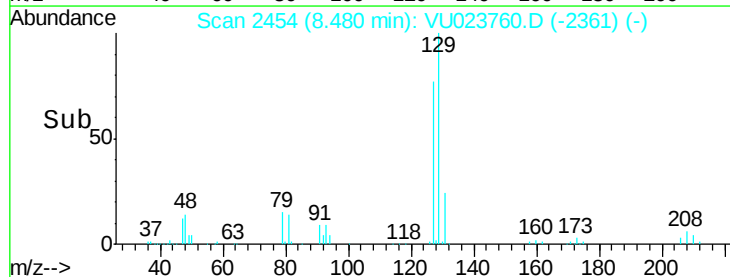
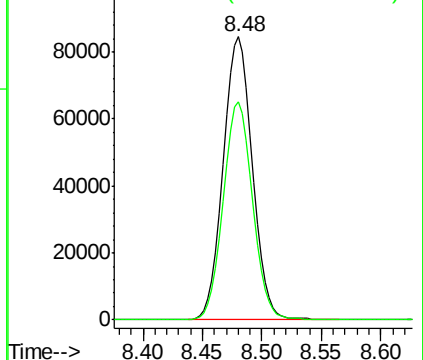


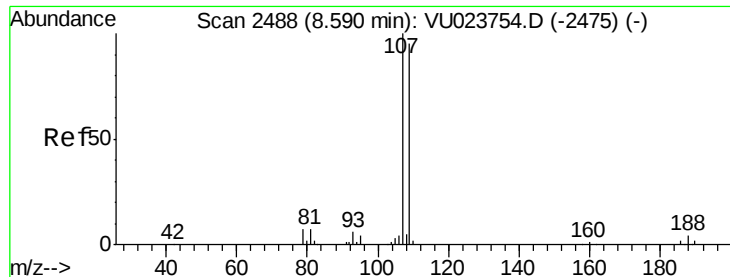
#49
Dibromochloromethane
Concen: 48.21 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU023760.D
Acq: 09 May 2018 15:24

Tgt Ion:	129	Resp:	144001
Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.8	101.8



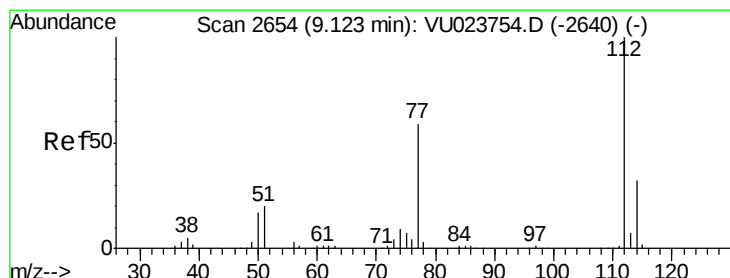
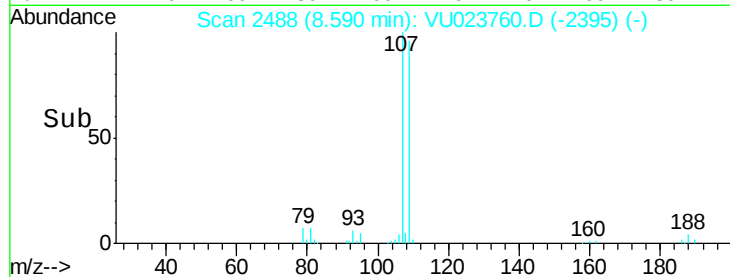
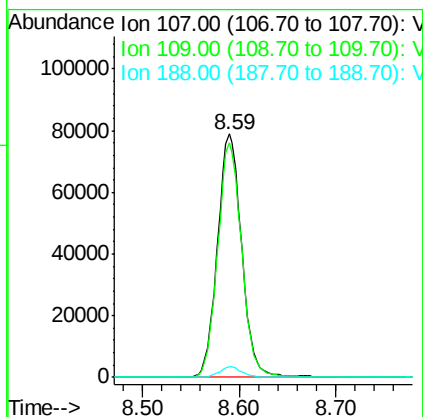
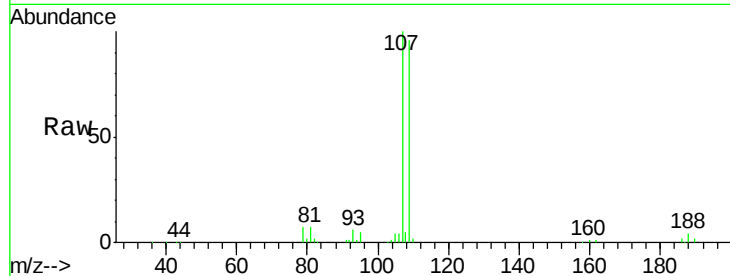
Abundance Ion 129.00 (128.70 to 129.70): VU023760.D (-2361) (-)
Ion 127.00 (126.70 to 127.70): VU023760.D (-2361) (-)





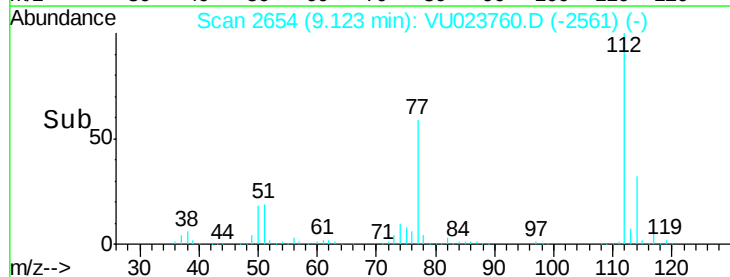
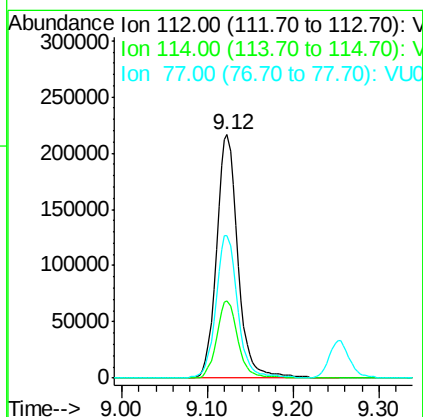
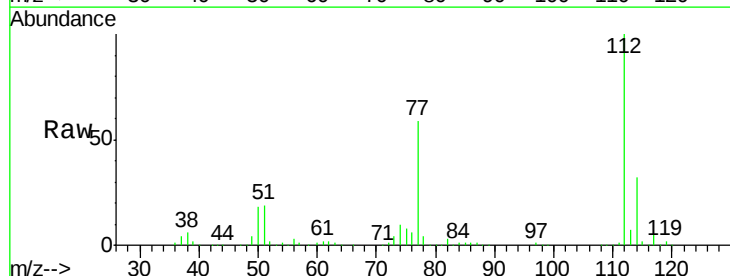
#50
1,2-Dibromoethane
Concen: 47.24 ug/L
RT: 8.59 min Scan# 2488
Delta R.T. -0.00 min
Lab File: VU023760.D
Acq: 09 May 2018 15:24

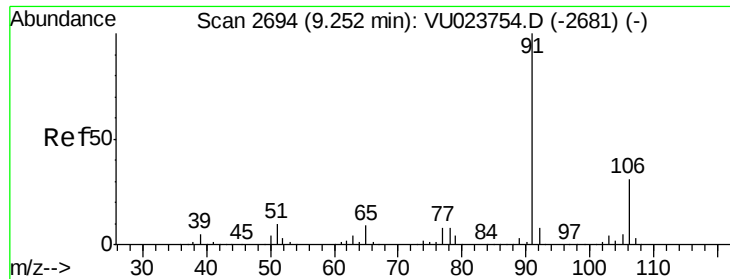
Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.5	66.4	123.2
188	4.1	3.1	4.7



#51
Chlorobenzene
Concen: 47.01 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU023760.D
Acq: 09 May 2018 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.6	42.0
77	58.8	46.9	70.3





#52

Ethylbenzene

Concen: 48.12 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023760.D

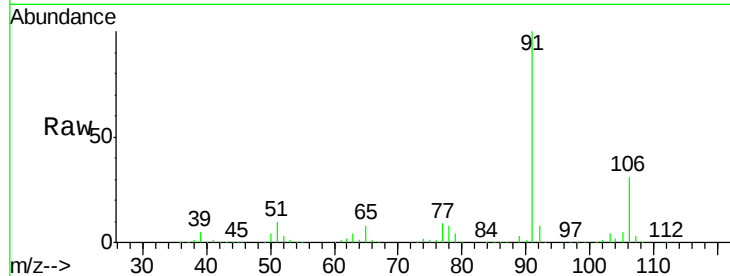
Acq: 09 May 2018 15:24

Tgt Ion: 91 Resp: 628046

Ion Ratio Lower Upper

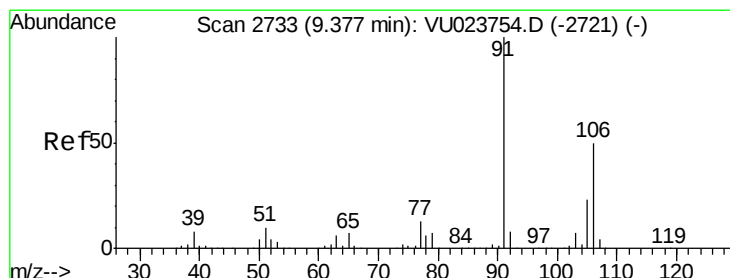
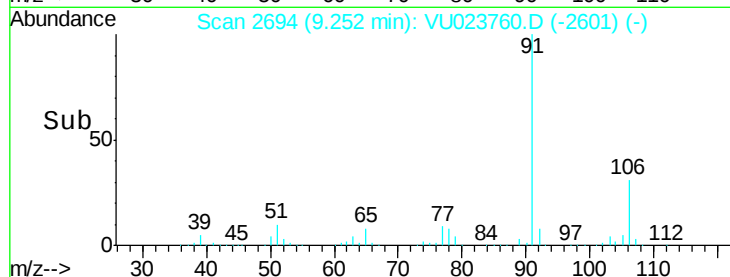
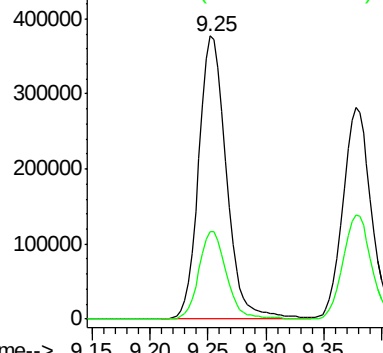
91 100

106 31.1 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#53

m,p-Xylene

Concen: 48.94 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023760.D

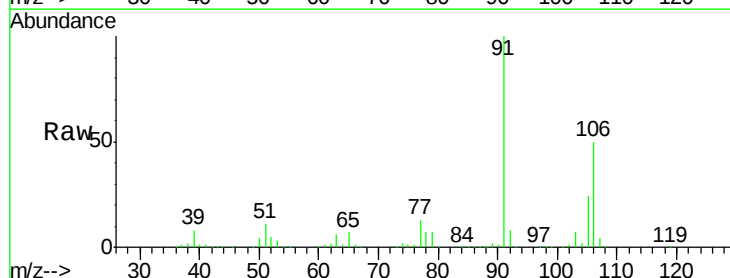
Acq: 09 May 2018 15:24

Tgt Ion: 106 Resp: 242667

Ion Ratio Lower Upper

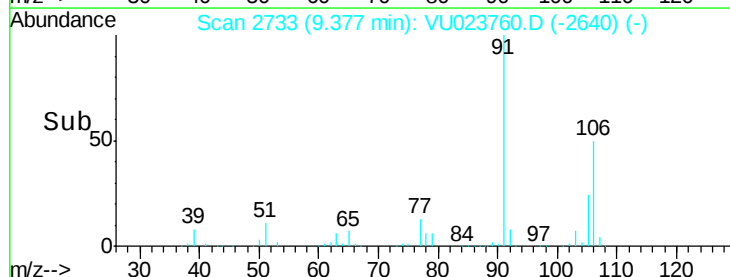
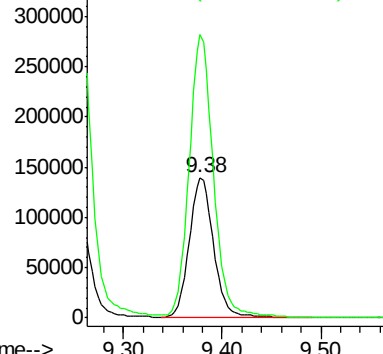
106 100

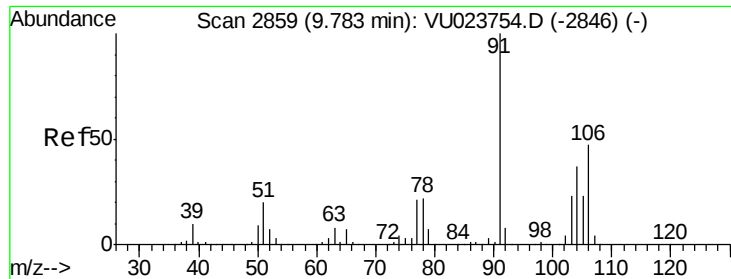
91 201.9 142.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): V

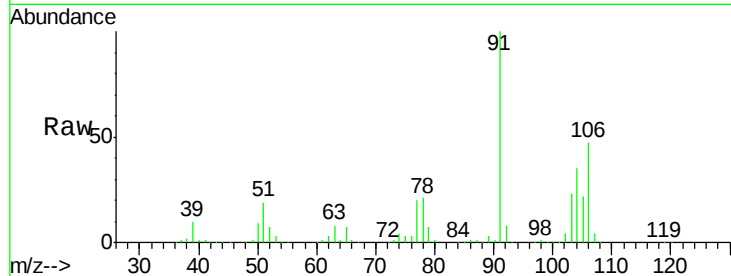
Ion 91.00 (90.70 to 91.70): VU0



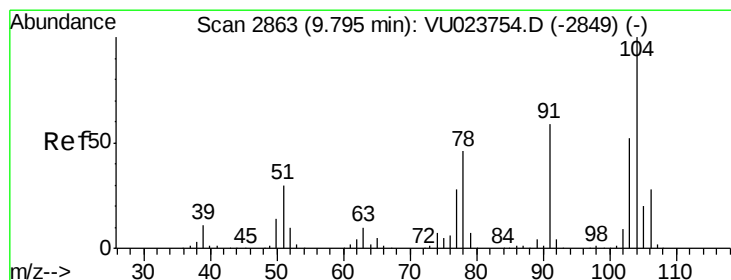
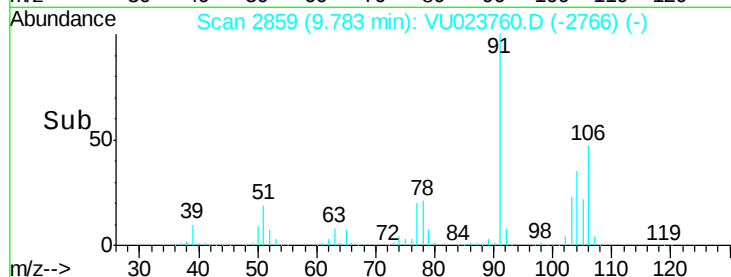
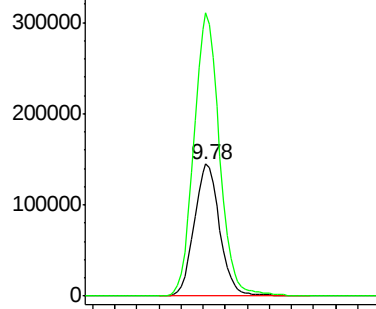


#54
o-xylene
Concen: 48.16 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023760.D
Acq: 09 May 2018 15:24

Tgt Ion:106 Resp: 233069
Ion Ratio Lower Upper
106 100
91 214.6 152.6 283.4

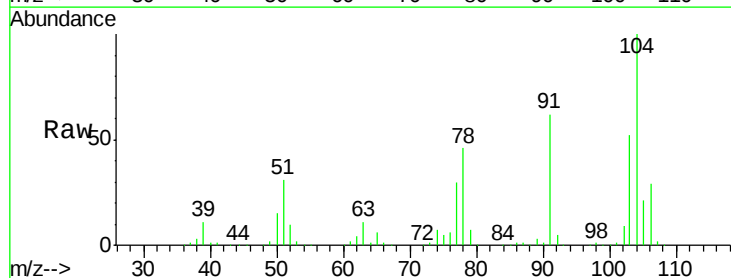


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

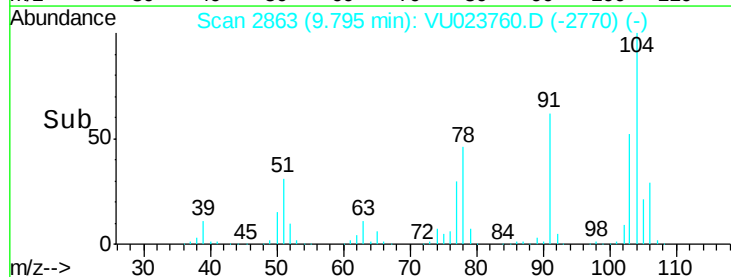
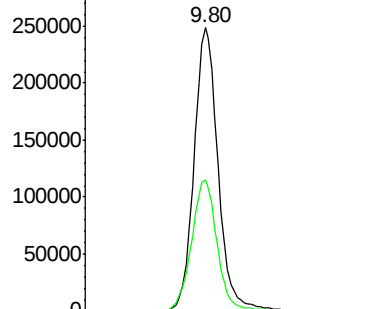


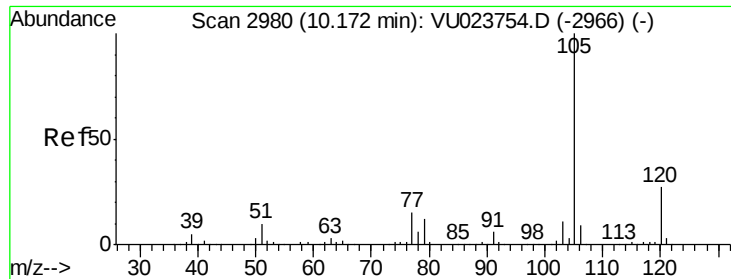
#55
Styrene
Concen: 49.88 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023760.D
Acq: 09 May 2018 15:24

Tgt Ion:104 Resp: 413154
Ion Ratio Lower Upper
104 100
78 46.4 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: 48.39 ug/L

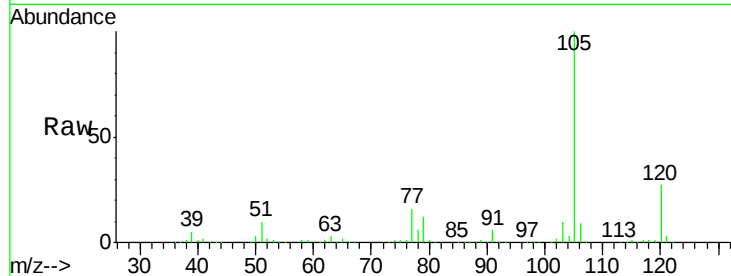
RT: 10.17 min Scan# 2980

Delta R.T. -0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

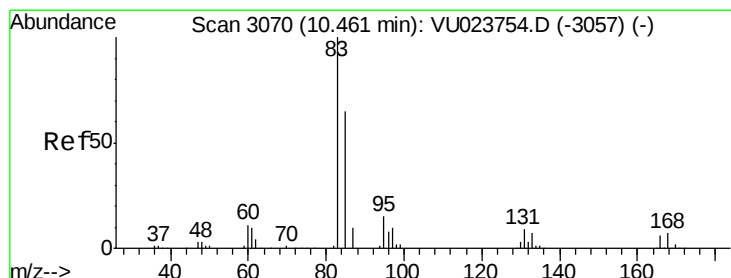
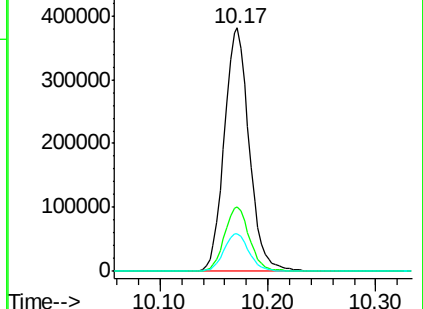
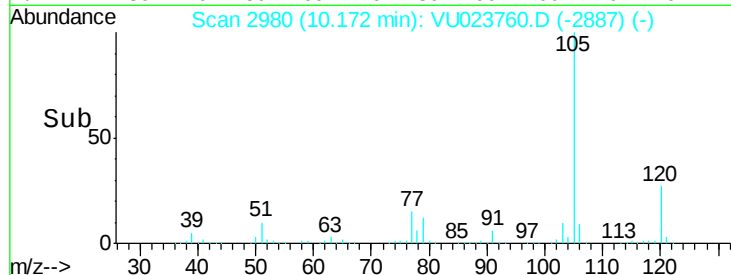
Tgt Ion:	105	Resp:	614045
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.3	31.9
77	15.7	12.3	18.5



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: 47.51 ug/L

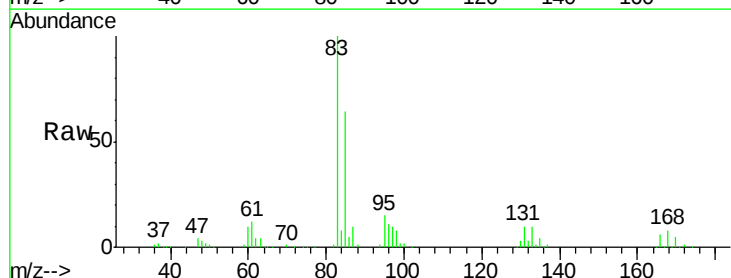
RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

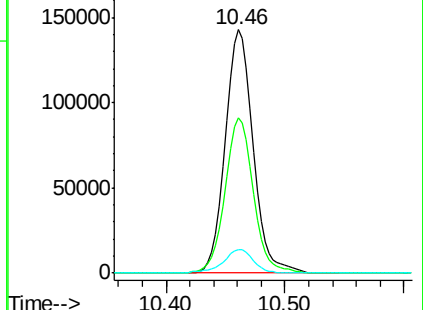
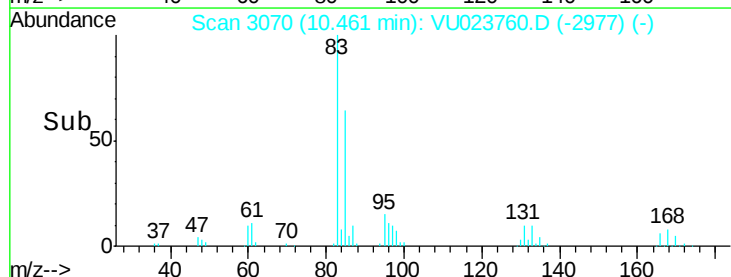
Tgt Ion:	83	Resp:	231720
Ion	Ratio	Lower	Upper
83	100		
85	64.0	45.5	84.5
131	9.7	7.6	11.4

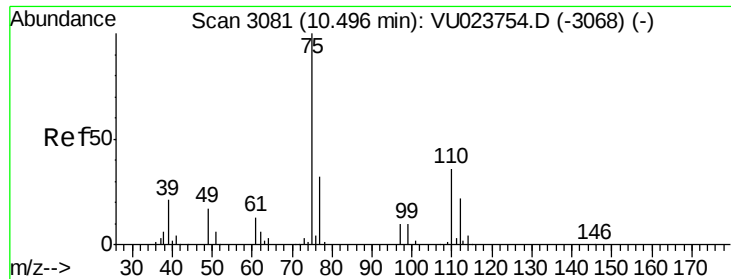


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

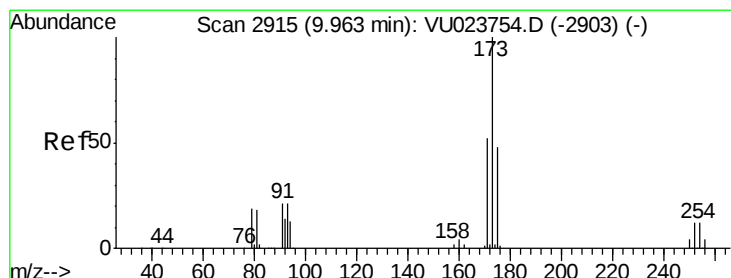
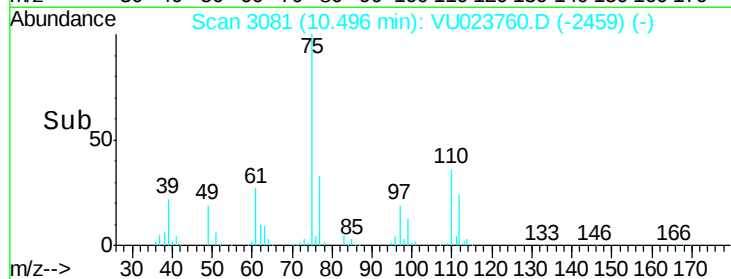
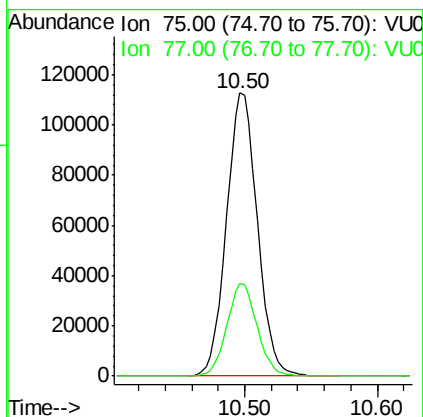
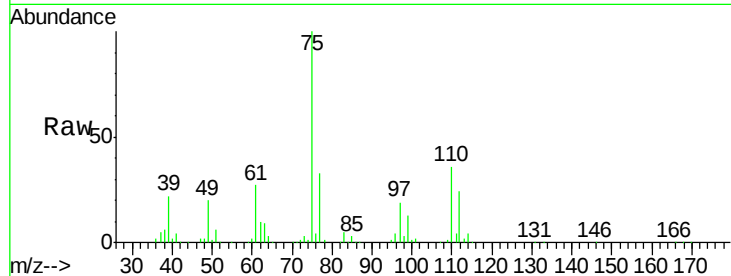
Ion 131.00 (130.70 to 131.70): V





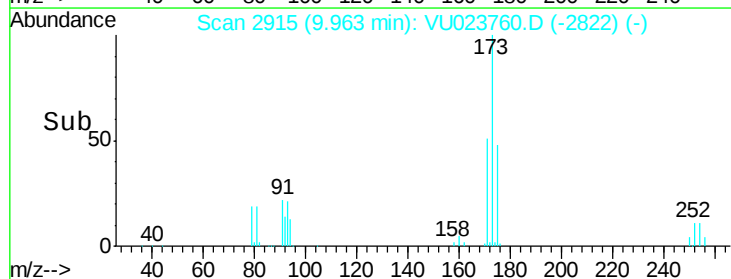
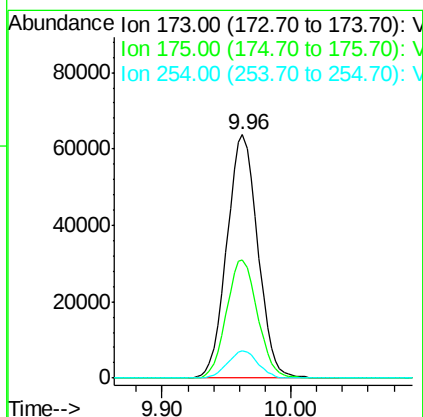
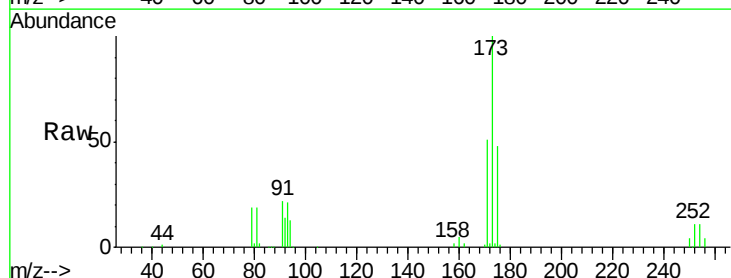
#59
 1,2,3-Trichloropropane
 Concen: 46.97 ug/L
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU023760.D
 Acq: 09 May 2018 15:24

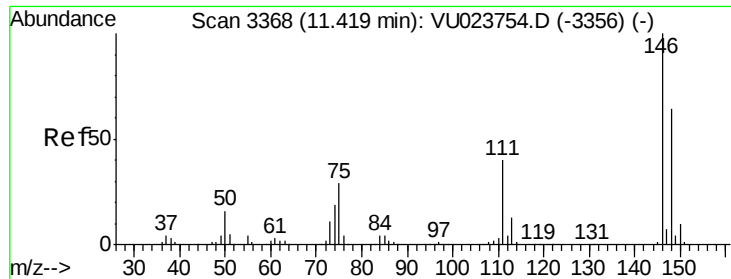
Tgt Ion: 75 Resp: 182224
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4



#61
 Bromoform
 Concen: 45.59 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU023760.D
 Acq: 09 May 2018 15:24

Tgt Ion: 173 Resp: 105971
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.9 58.3
 254 10.8 8.6 13.0





#62

1,3-Dichlorobenzene

Concen: 47.22 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

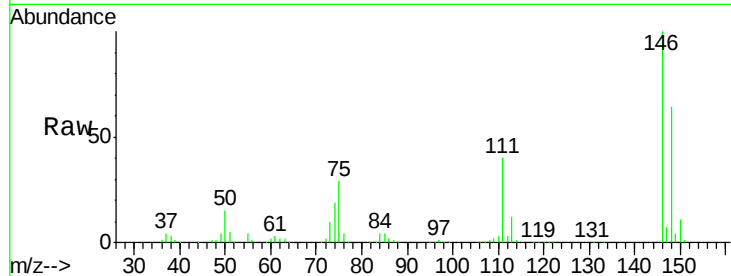
Tgt Ion:146 Resp: 306245

Ion Ratio Lower Upper

146 100

111 39.7 27.5 51.1

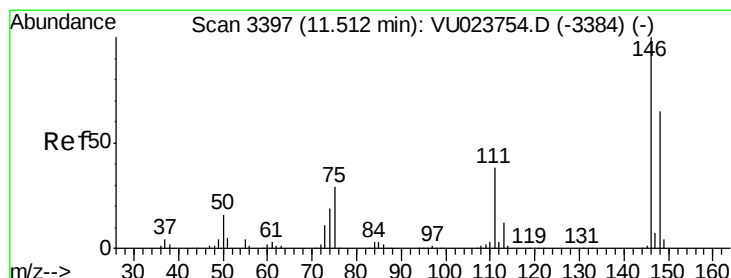
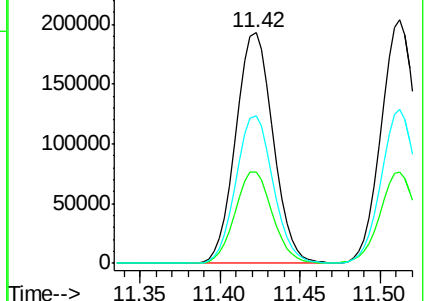
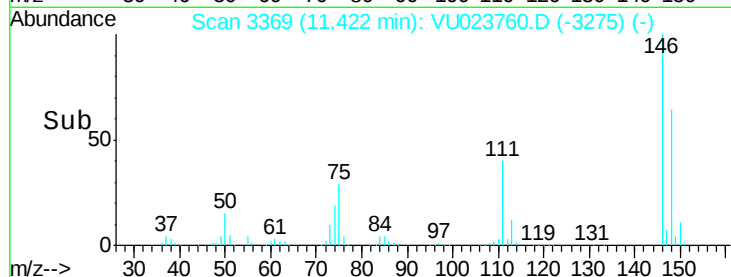
148 64.1 44.2 82.0



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: 47.46 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. -0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

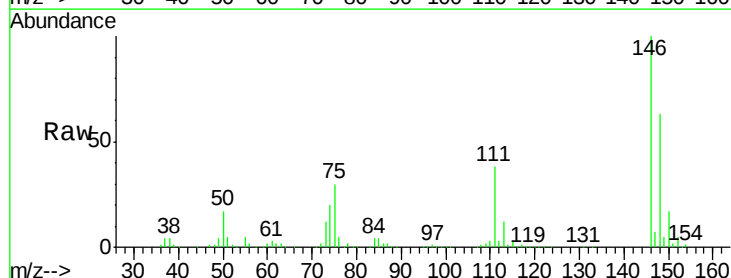
Tgt Ion:146 Resp: 319439

Ion Ratio Lower Upper

146 100

111 37.7 27.3 50.7

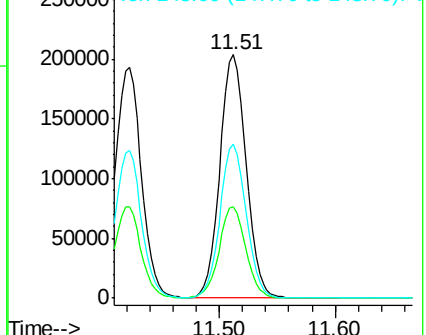
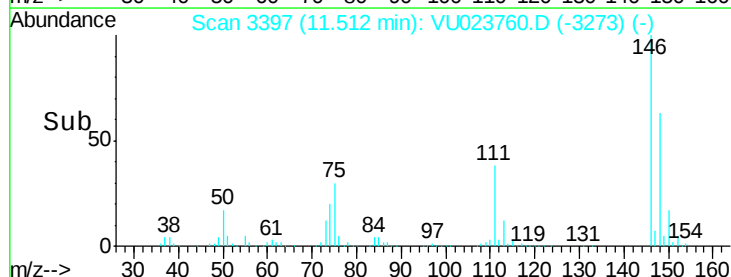
148 63.2 43.8 81.3

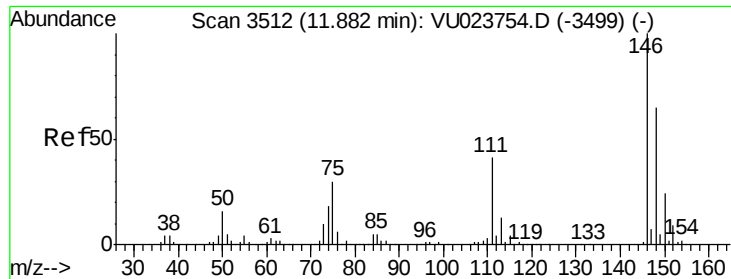


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 47.24 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

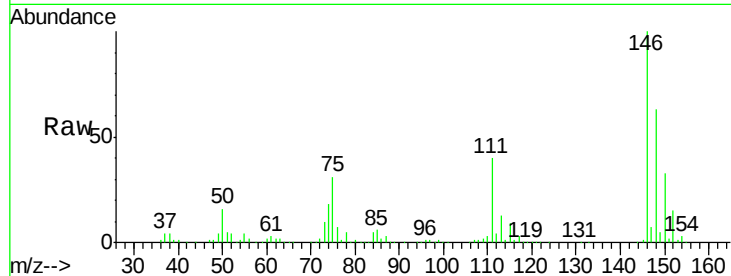
Tgt Ion: 146 Resp: 312576

Ion Ratio Lower Upper

146 100

111 39.9 32.5 48.7

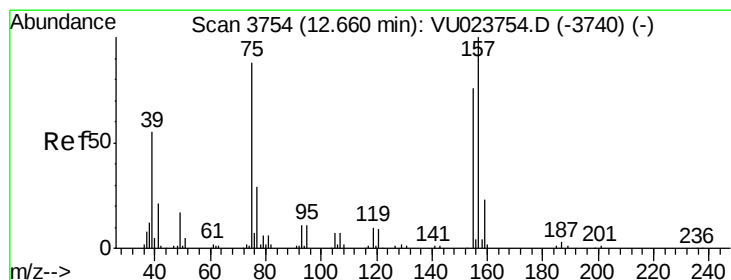
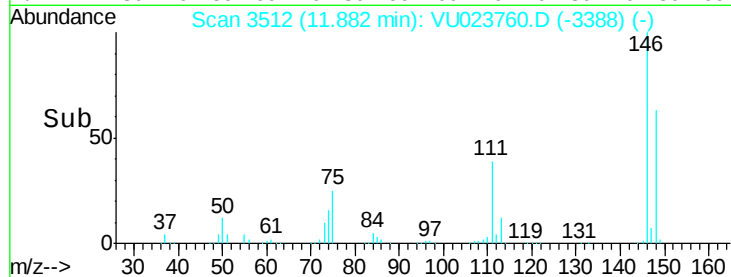
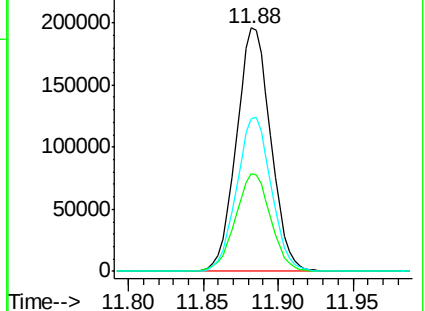
148 62.9 50.3 75.5



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: 44.54 ug/L

RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

Lab File: VU023760.D

Acq: 09 May 2018 15:24

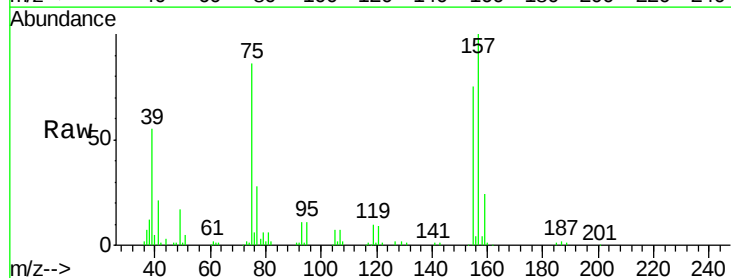
Tgt Ion: 75 Resp: 46204

Ion Ratio Lower Upper

75 100

155 87.2 71.7 107.5

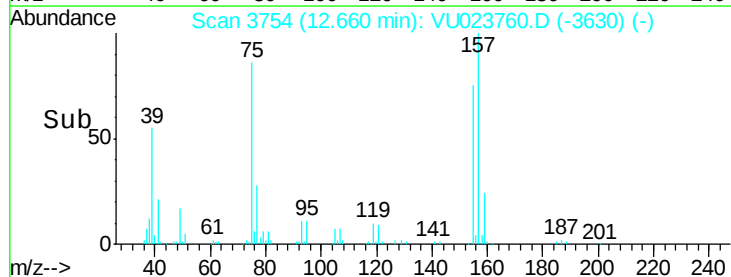
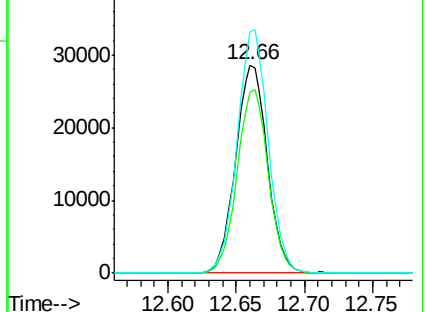
157 116.3 90.6 136.0

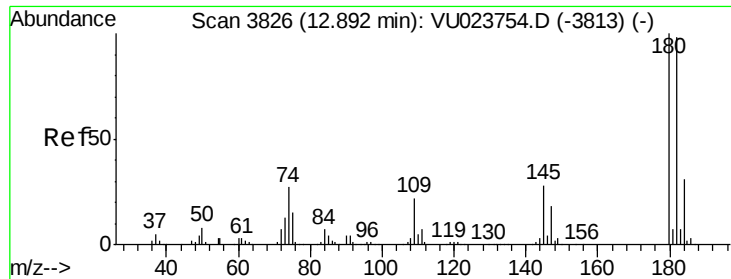


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

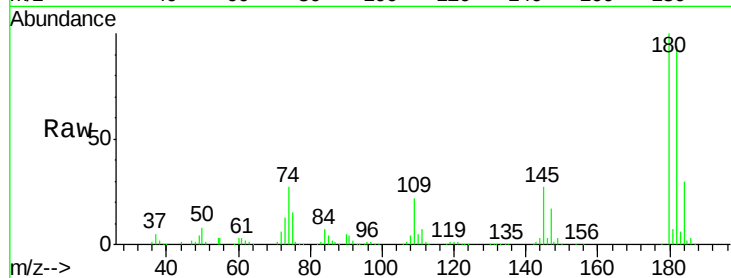
Ion 157.00 (156.70 to 157.70): V



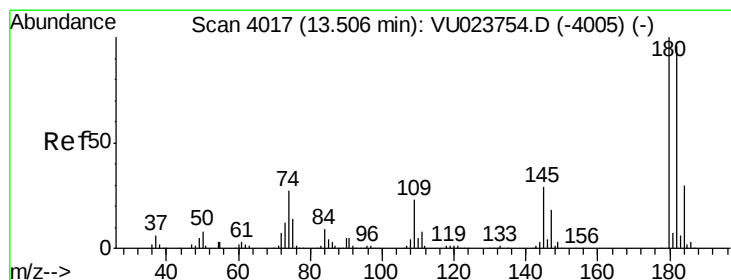
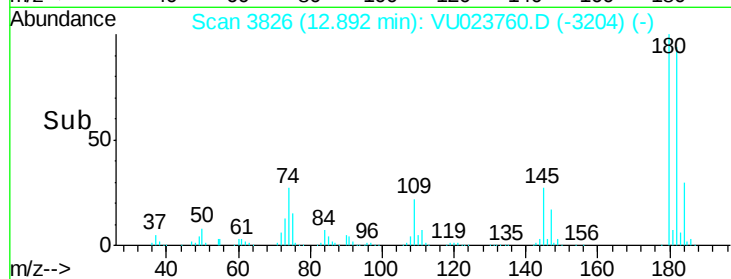
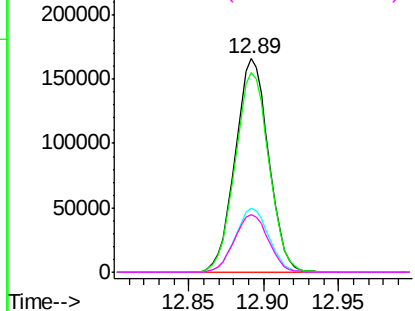


#67
 1,3,5-Trichlorobenzene
 Concen: 48.19 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU023760.D
 Acq: 09 May 2018 15:24

Tgt Ion:	180	Resp:	257328
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.7	115.1
184	30.4	24.6	36.8
145	27.6	22.2	33.4

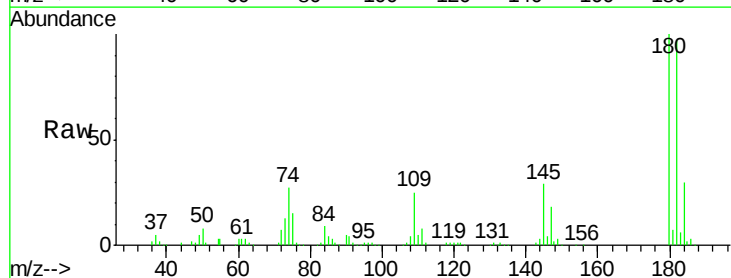


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

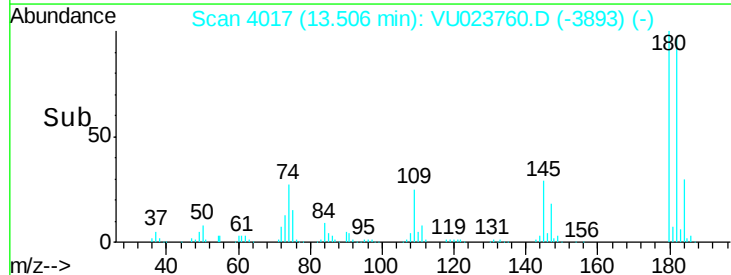
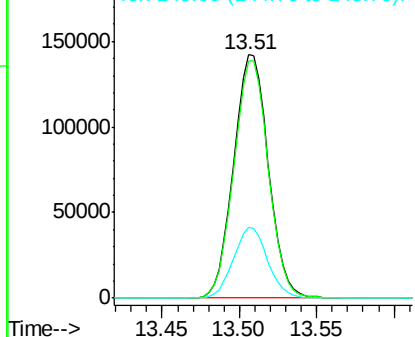


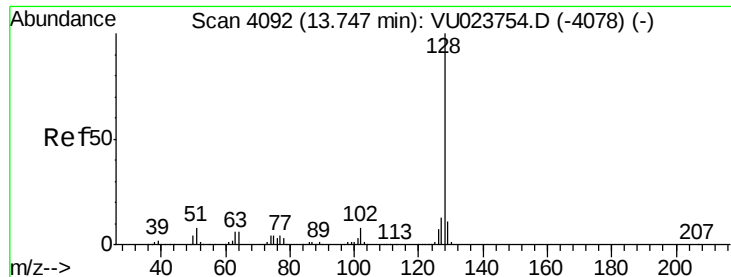
#68
 1,2,4-trichlorobenzene
 Concen: 49.06 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU023760.D
 Acq: 09 May 2018 15:24

Tgt Ion:	180	Resp:	222041
Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.6	115.0
145	28.4	22.7	34.1



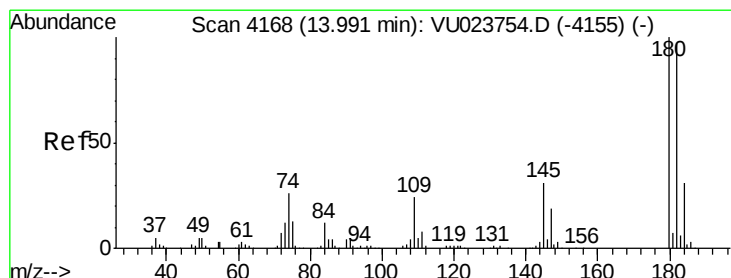
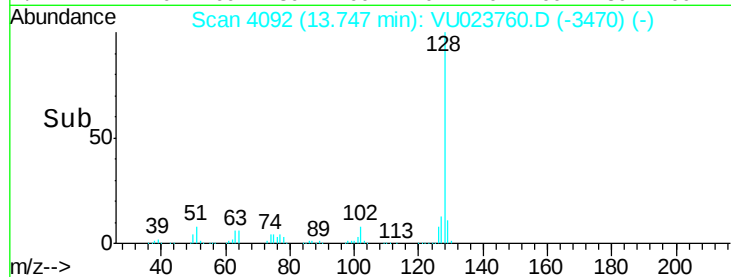
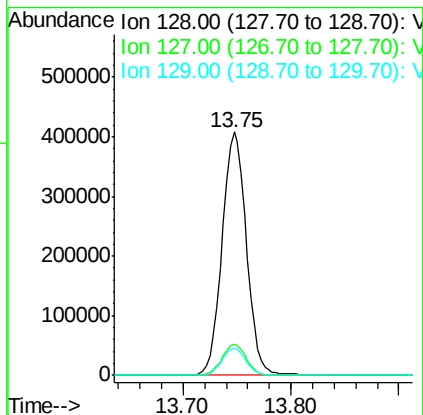
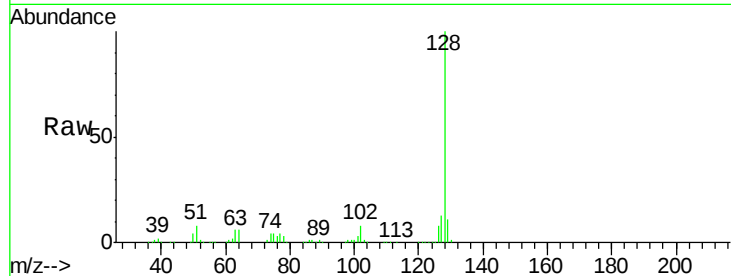
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 49.73 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023760.D
Acq: 09 May 2018 15:24

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.7	13.1



#70
1,2,3-Trichlorobenzene
Concen: 48.56 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU023760.D
Acq: 09 May 2018 15:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.6
145	30.2	23.6	35.4

