

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
 Data File : VU023752.D
 Acq On : 08 May 2018 22:14
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 09 03:42:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 09 03:02:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	378367	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	353527	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	186056	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121132	40.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.86%
7) Chloroethane-d5	1.68	69	95388	43.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.32%
11) 1,1-Dichloroethene-d2	2.27	63	236870	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.38%
21) 2-Butanone-d5	4.18	46	221524	101.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.71%
24) Chloroform-d	4.65	84	227834	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
26) 1,2-Dichloroethane-d4	5.31	65	143914	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
32) Benzene-d6	5.35	84	470152	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
36) 1,2-Dichloropropane-d6	6.34	67	158146	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.48%
41) Toluene-d8	7.57	98	446031	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%
43) trans-1,3-Dichloropropene-	7.85	79	69388	48.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.82%
47) 2-Hexanone-d5	8.31	63	160793	108.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.65%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	217072	48.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	183393	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	145844	41.30	ug/L	99
3) Chloromethane	1.33	50	123819	38.75	ug/L	99
5) Vinyl chloride	1.40	62	150566	41.43	ug/L	# 27
6) Bromomethane	1.63	94	20384	15.01	ug/L	95
8) Chloroethane	1.70	64	108315	49.59	ug/L	88
9) Trichlorofluoromethane	1.89	101	183252	42.33	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	118550	42.11	ug/L	99
12) 1,1-Dichloroethene	2.28	96	116279	44.49	ug/L	85
13) Acetone	2.32	43	157663	65.62	ug/L	99
14) Carbon disulfide	2.48	76	364242	43.19	ug/L	99
15) Methyl Acetate	2.62	43	174382	46.68	ug/L	99
16) Methylene chloride	2.70	84	137788	43.01	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	126939	44.19	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	419404	46.81	ug/L	99
19) 1,1-Dichloroethane	3.45	63	250767	44.60	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	146539	45.03	ug/L	99
22) 2-Butanone	4.27	43	249931	86.11	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.55	128	72971	45.17	ug/L	96
25) Chloroform	4.68	83	242627	43.45	ug/L	99
27) 1,2-Dichloroethane	5.41	62	191200	44.43	ug/L	99
29) Cyclohexane	5.00	56	227245	46.78	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	199207	46.33	ug/L	99
31) Carbon tetrachloride	5.14	117	170496	46.02	ug/L	98
33) Benzene	5.39	78	554222	46.52	ug/L	100
34) Trichloroethene	6.19	95	140438	46.18	ug/L	99
35) Methylcyclohexane	6.42	83	211449	45.13	ug/L	100
37) 1,2-Dichloropropane	6.44	63	156158	46.18	ug/L	100
38) Bromodichloromethane	6.76	83	182681	46.47	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	226776	47.82	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	468700	101.90	ug/L	100
42) Toluene	7.64	91	587343	47.19	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	196319	46.20	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	137297	46.45	ug/L	99
46) Tetrachloroethene	8.23	164	113340	45.03	ug/L	96
48) 2-Hexanone	8.36	43	361112	95.44	ug/L	98
49) Dibromochloromethane	8.48	129	148568	47.36	ug/L	99
50) 1,2-Dibromoethane	8.59	107	145999	47.97	ug/L	99
51) Chlorobenzene	9.12	112	386928	46.36	ug/L	99
52) Ethylbenzene	9.26	91	659386	48.11	ug/L	100
53) m,p-Xylene	9.38	106	253549	48.69	ug/L	98
54) o-xylene	9.78	106	245403	48.29	ug/L	97
55) Styrene	9.80	104	425316	48.90	ug/L	100
56) Isopropylbenzene	10.17	105	642515	48.22	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	242678	47.38	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	195202	47.91	ug/L	100
61) Bromoform	9.96	173	109571	45.91	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	313284	47.06	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	318647	46.12	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	315497	46.45	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	52811	49.59	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	254137	46.36	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	235606	50.71	ug/L	100
69) Naphthalene	13.75	128	1036873	78.46	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	243968	50.73	ug/L	98

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

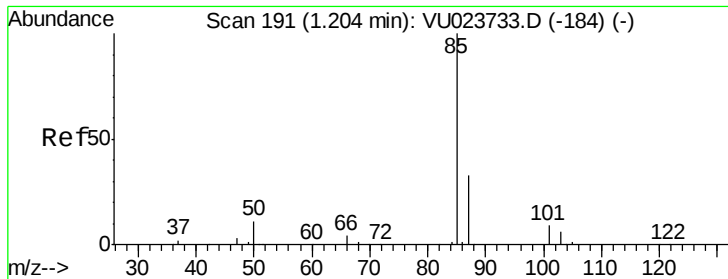
Abundance

TIC: VU023752.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
Bromomethane, 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
1,1,2-Trichloroethane, T
2,2,4-Trimethylpentane, T
1,2-Dibromochloromethane, T
Chlorobenzene, T
Ethylbenzene, T
m,p-Xylene, T
Isopropylbenzene, T
1,1,2,2-Tetrafluoroethane, T
1,3-Dichlorobenzene, T
1,2-Dichlorobenzene, T
1,2-Dibromopropane, T
1,2-Dibromo-3-chloropropane, T
1,3,5-Trichlorobenzene, T
1,2,4-trichlorobenzene, T
1,2,3-Trichlorobenzene, T
Naphthalene



#2

Dichlorodifluoromethane

Concen: 41.30 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023752.D

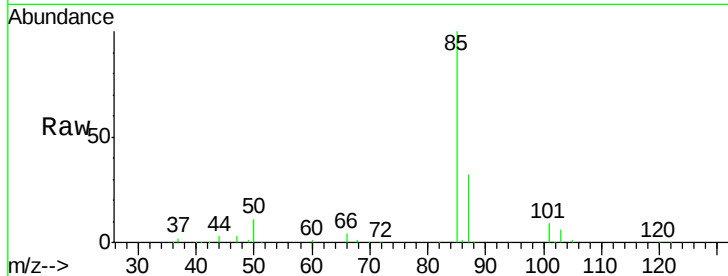
Acq: 08 May 2018 22:14

Tgt Ion: 85 Resp: 145844

Ion Ratio Lower Upper

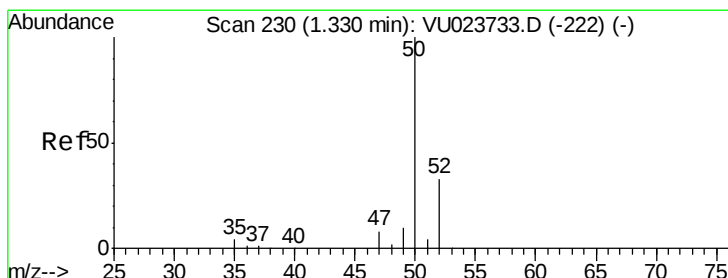
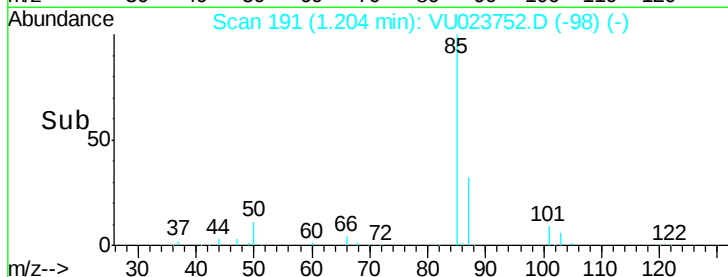
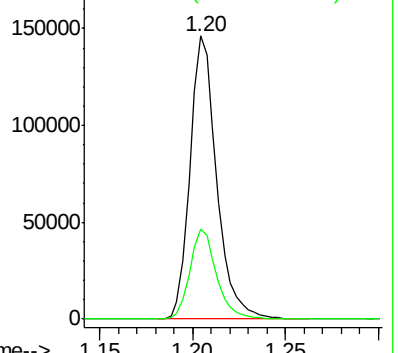
85 100

87 31.9 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: 38.75 ug/L

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU023752.D

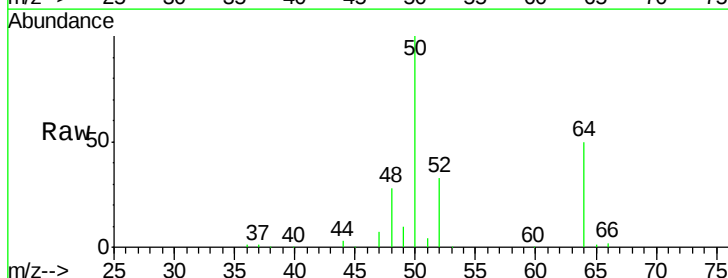
Acq: 08 May 2018 22:14

Tgt Ion: 50 Resp: 123819

Ion Ratio Lower Upper

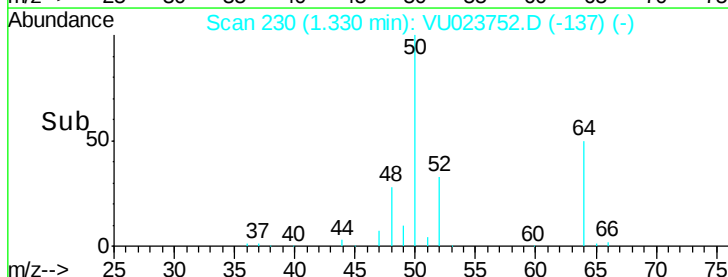
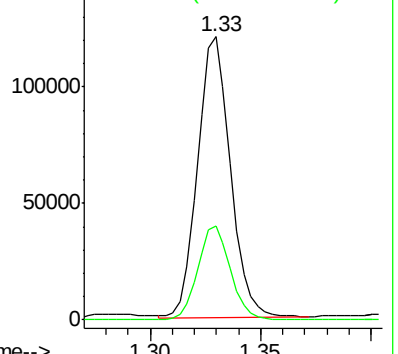
50 100

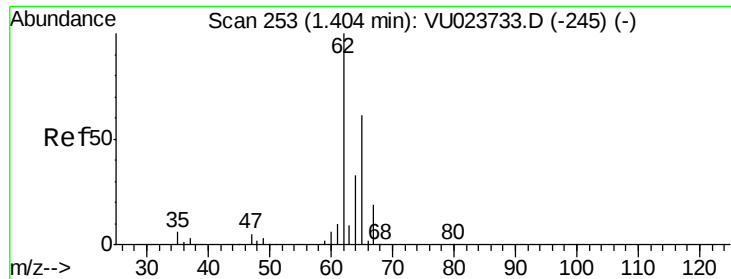
52 33.2 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 41.43 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023752.D

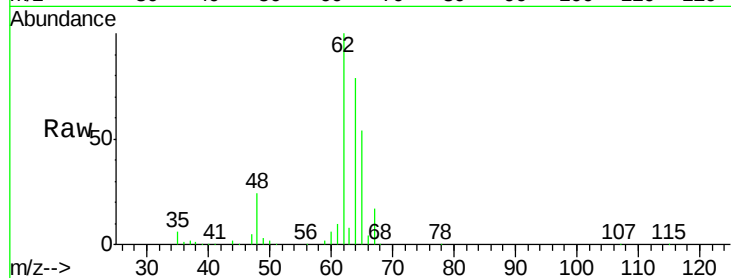
Acq: 08 May 2018 22:14

Tgt Ion: 62 Resp: 150566

Ion Ratio Lower Upper

62 100

64 79.1 25.2 46.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

150000

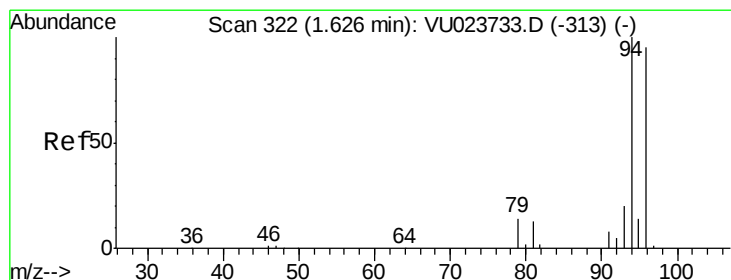
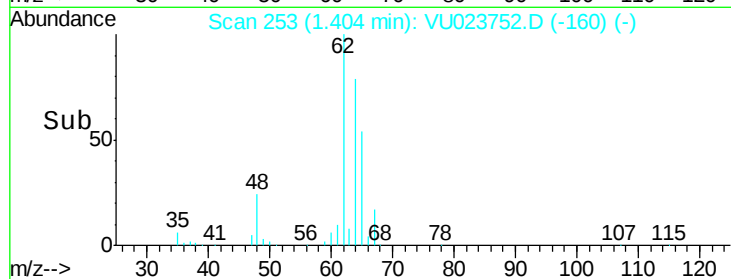
100000

50000

0

1.35 1.40 1.45 1.50

Time-->



#6

Bromomethane

Concen: 15.01 ug/L

RT: 1.63 min Scan# 322

Delta R.T. -0.00 min

Lab File: VU023752.D

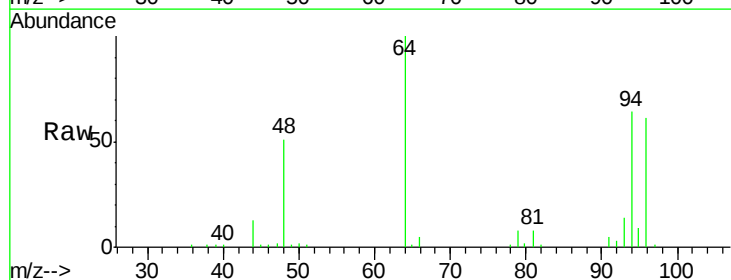
Acq: 08 May 2018 22:14

Tgt Ion: 94 Resp: 20384

Ion Ratio Lower Upper

94 100

96 95.3 63.3 117.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

15000

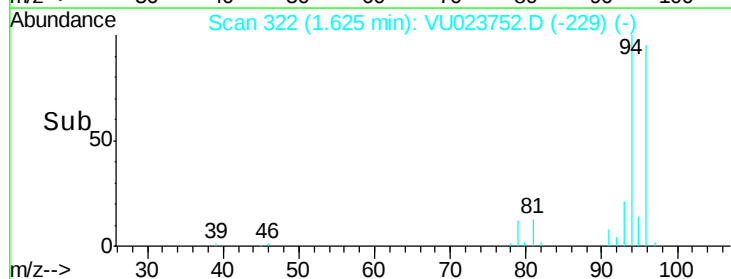
10000

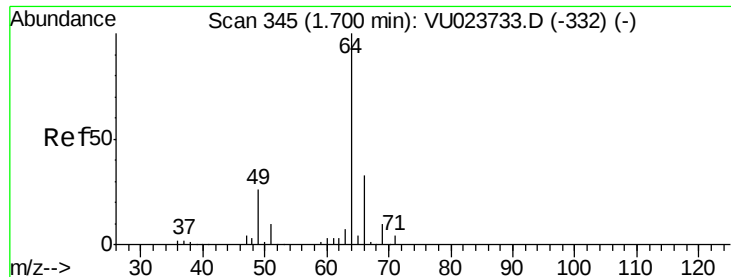
5000

0

1.60 1.63 1.65 1.70

Time-->





#8

Chloroethane

Concen: 49.59 ug/L

RT: 1.70 min Scan# 344

Delta R.T. -0.00 min

Lab File: VU023752.D

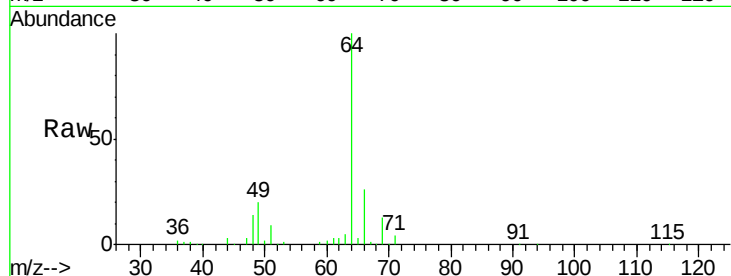
Acq: 08 May 2018 22:14

Tgt Ion: 64 Resp: 108315

Ion Ratio Lower Upper

64 100

66 25.5 22.5 41.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

1.70

80000

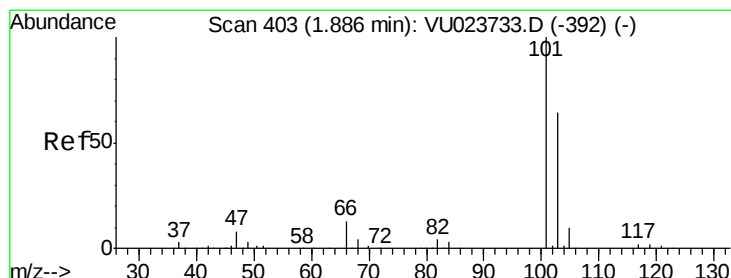
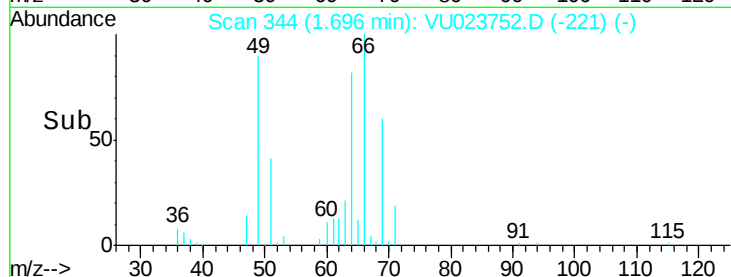
60000

40000

20000

0

Time-->



#9

Trichlorofluoromethane

Concen: 42.33 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU023752.D

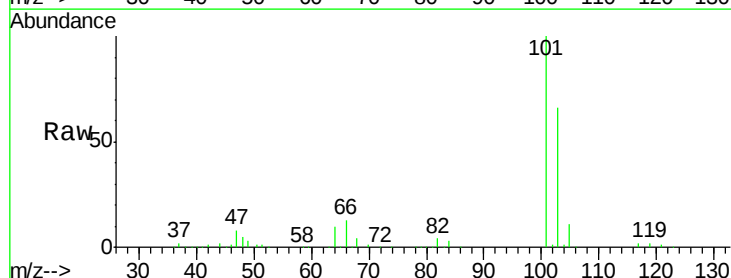
Acq: 08 May 2018 22:14

Tgt Ion: 101 Resp: 183252

Ion Ratio Lower Upper

101 100

103 65.2 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.89

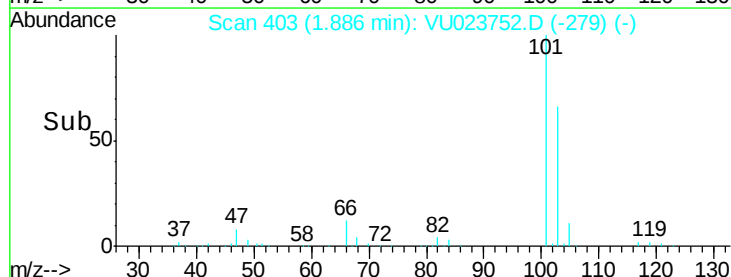
150000

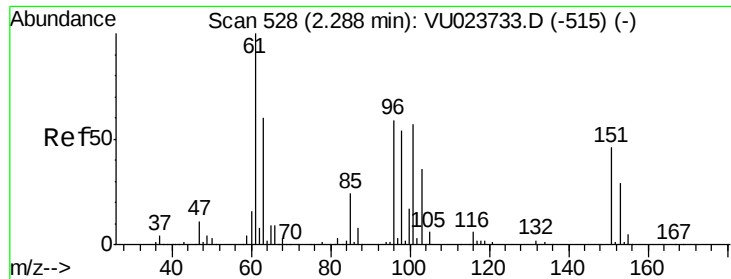
100000

50000

0

Time-->





#10

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

Concen: 42.11 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023752.D

Acq: 08 May 2018 22:14

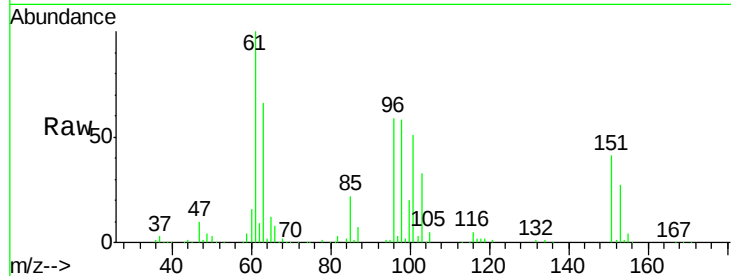
Tgt Ion: 101 Resp: 118550

Ion Ratio Lower Upper

101 100

85 42.2 33.9 50.9

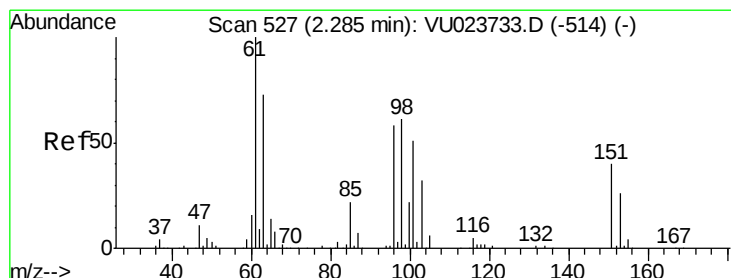
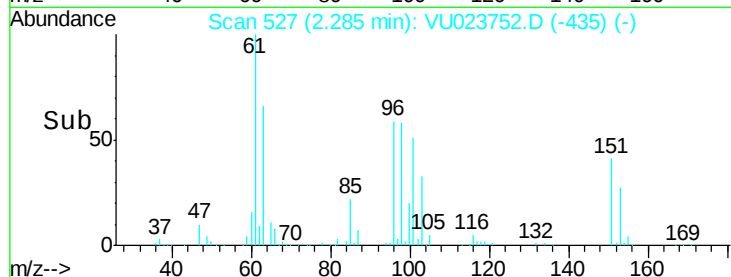
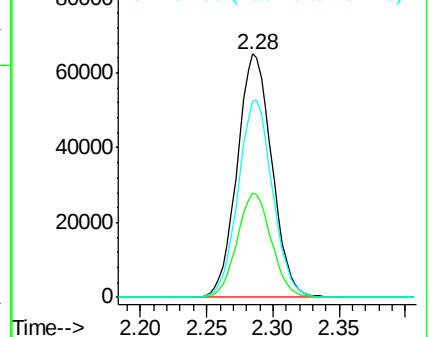
151 80.1 63.0 94.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 44.49 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023752.D

Acq: 08 May 2018 22:14

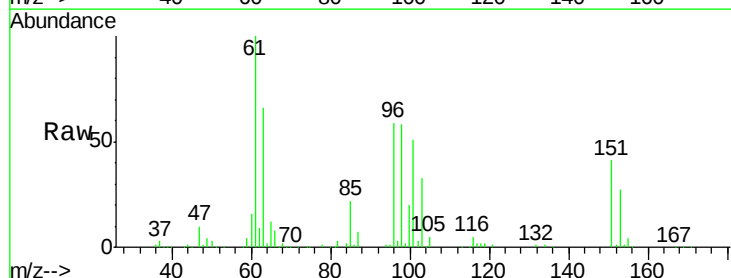
Tgt Ion: 96 Resp: 116279

Ion Ratio Lower Upper

96 100

61 168.6 126.4 234.8

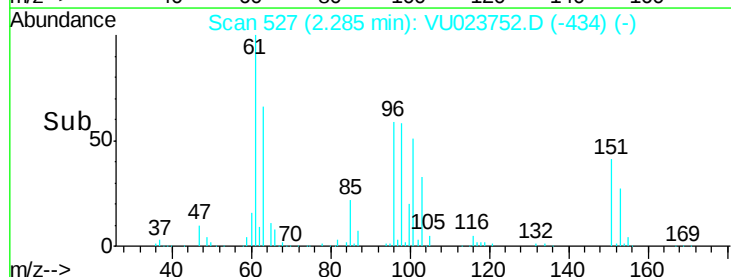
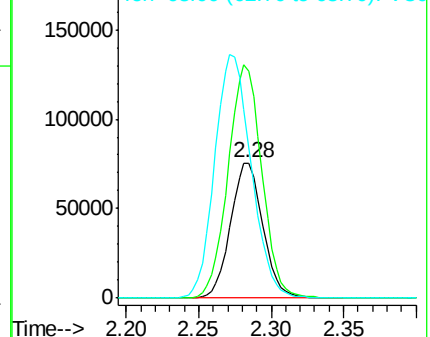
63 111.0 97.3 180.7

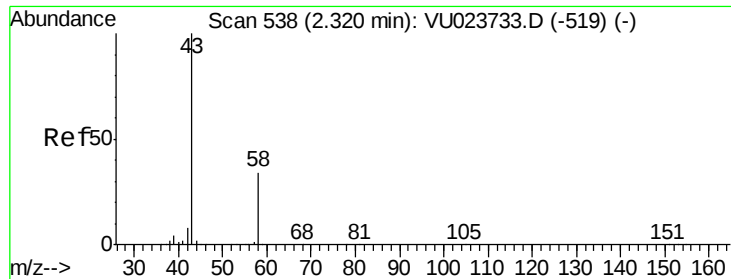


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 65.62 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU023752.D

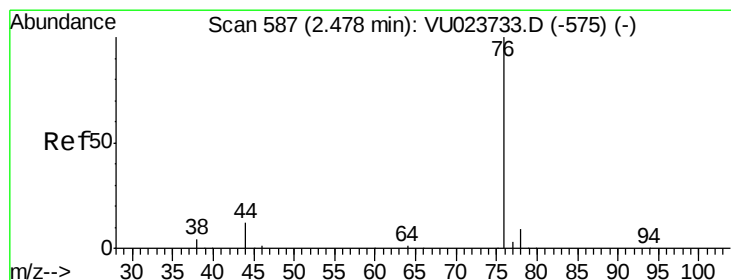
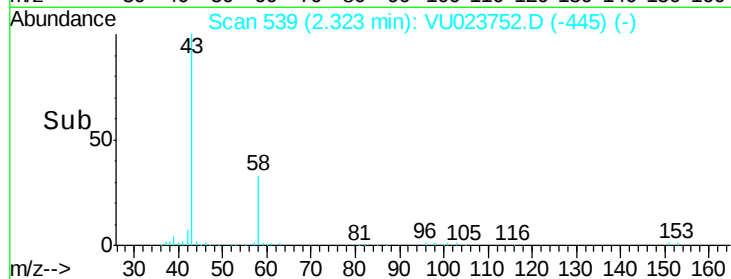
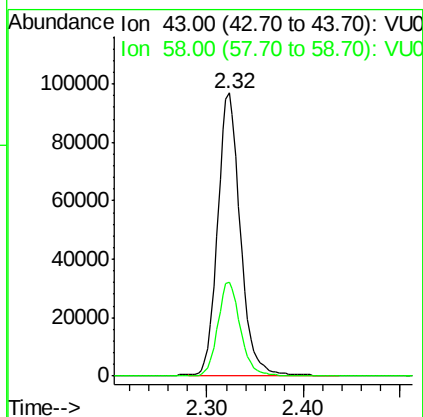
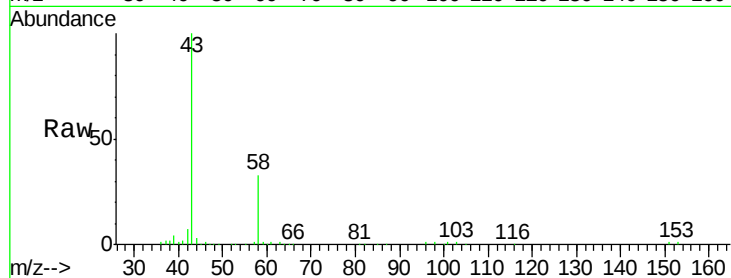
Acq: 08 May 2018 22:14

Tgt Ion: 43 Resp: 157663

Ion Ratio Lower Upper

43 100

58 33.4 0.0 65.4



#14

Carbon disulfide

Concen: 43.19 ug/L

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU023752.D

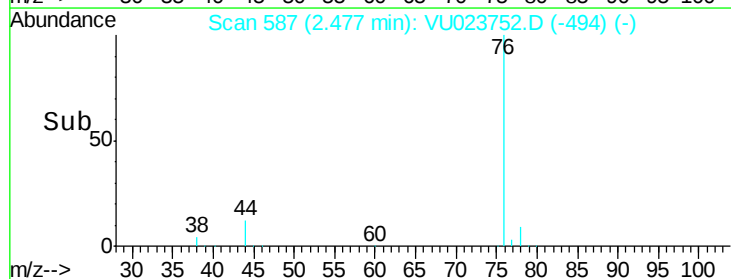
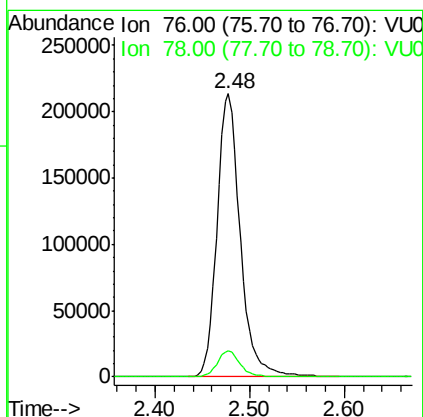
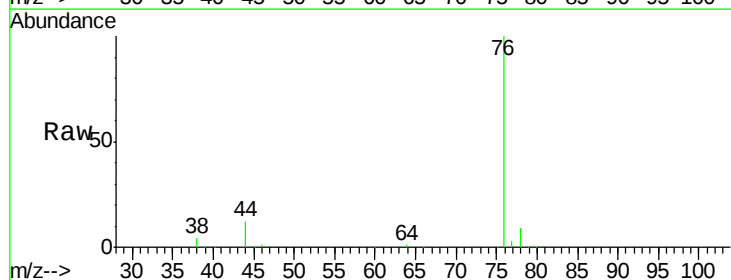
Acq: 08 May 2018 22:14

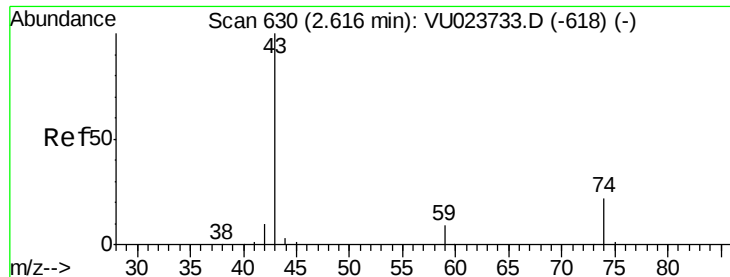
Tgt Ion: 76 Resp: 364242

Ion Ratio Lower Upper

76 100

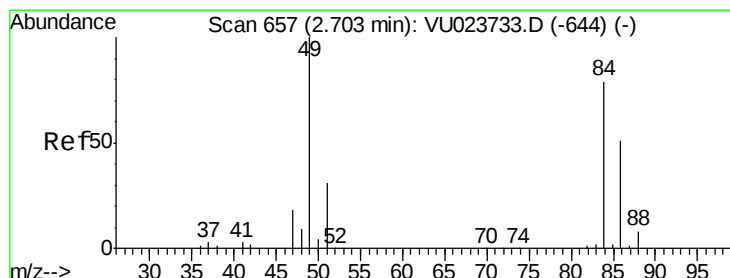
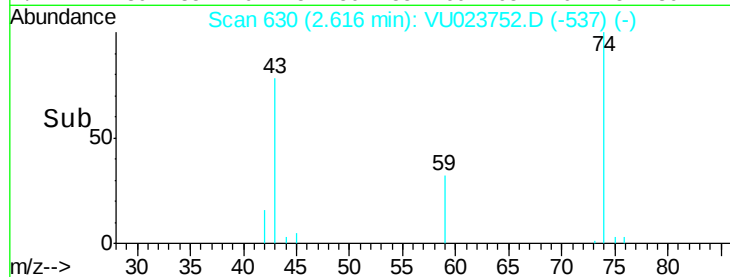
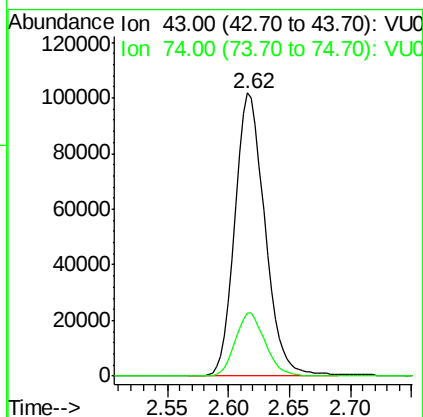
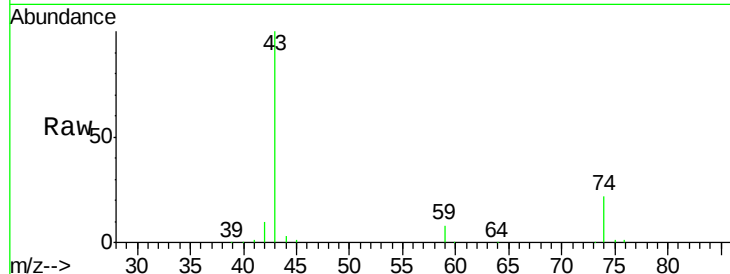
78 9.2 7.0 10.4





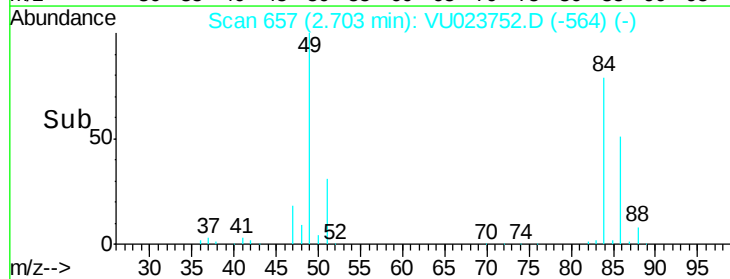
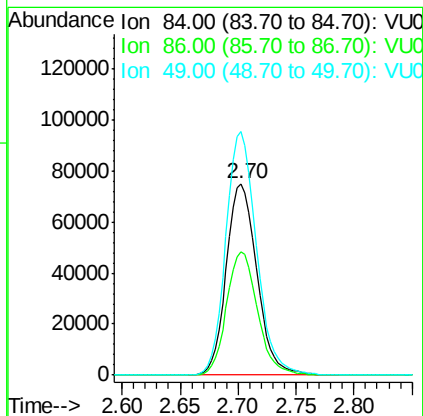
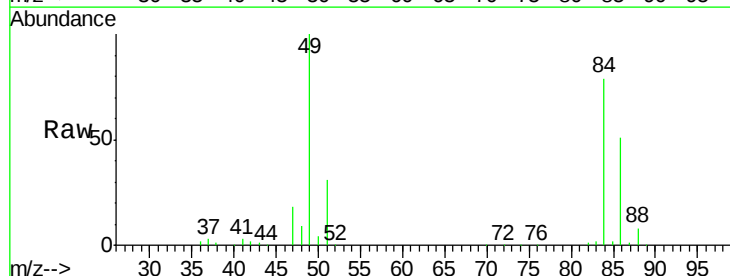
#15
Methyl Acetate
Concen: 46.68 ug/L
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU023752.D
Acq: 08 May 2018 22:14

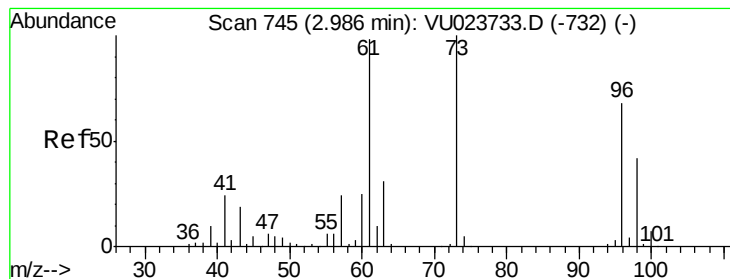
Tgt Ion: 43 Resp: 174382
Ion Ratio Lower Upper
43 100
74 22.1 18.0 27.0



#16
Methylene chloride
Concen: 43.01 ug/L
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023752.D
Acq: 08 May 2018 22:14

Tgt Ion: 84 Resp: 137788
Ion Ratio Lower Upper
84 100
86 64.5 45.8 85.2
49 127.3 90.4 167.8





#17

trans-1,2-Dichloroethene

Concen: 44.19 ug/L

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU023752.D

Acq: 08 May 2018 22:14

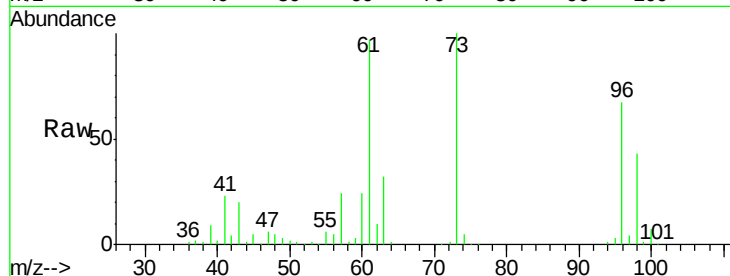
Tgt Ion: 96 Resp: 126939

Ion Ratio Lower Upper

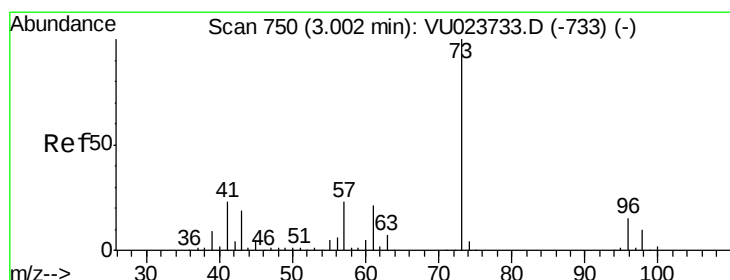
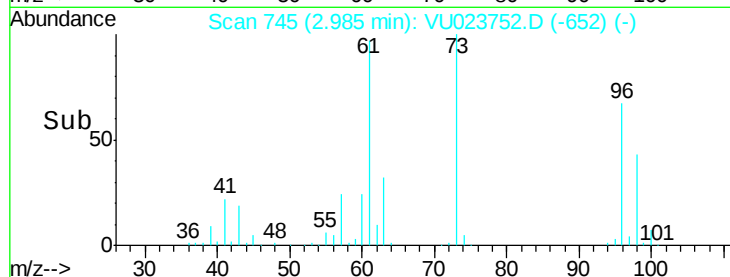
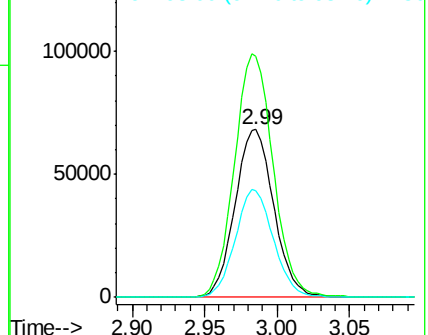
96 100

61 144.2 103.7 192.7

98 64.0 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: 46.81 ug/L

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU023752.D

Acq: 08 May 2018 22:14

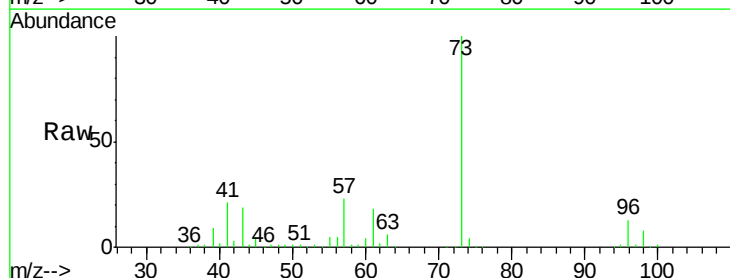
Tgt Ion: 73 Resp: 419404

Ion Ratio Lower Upper

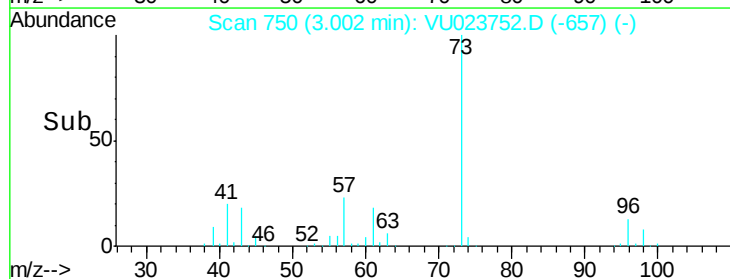
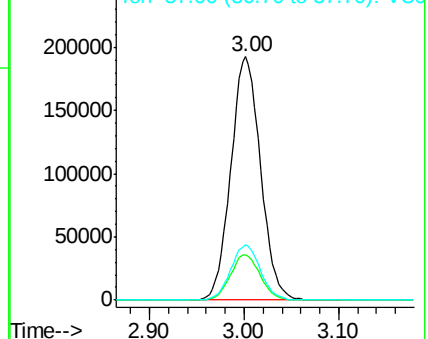
73 100

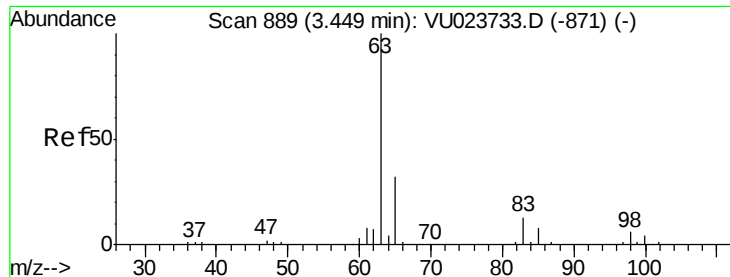
43 18.8 15.4 23.0

57 22.7 18.6 27.8



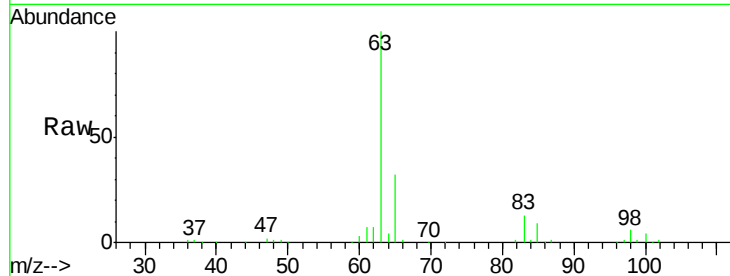
Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



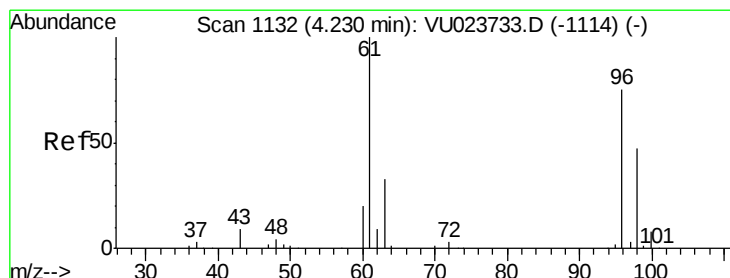
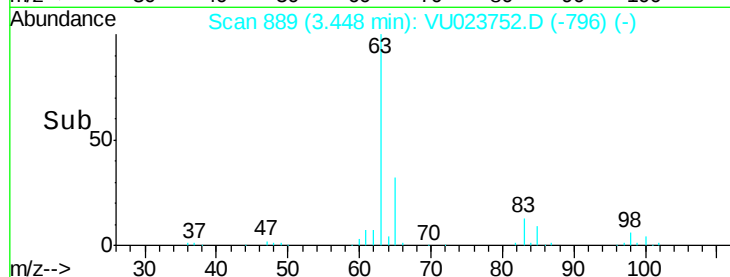
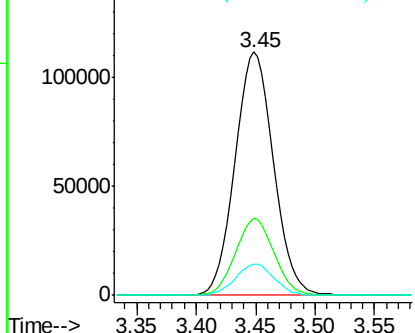


#19
 1,1-Dichloroethane
 Concen: 44.60 ug/L
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

Tgt Ion: 63 Resp: 250767
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.4 41.6
 83 13.1 9.2 17.2

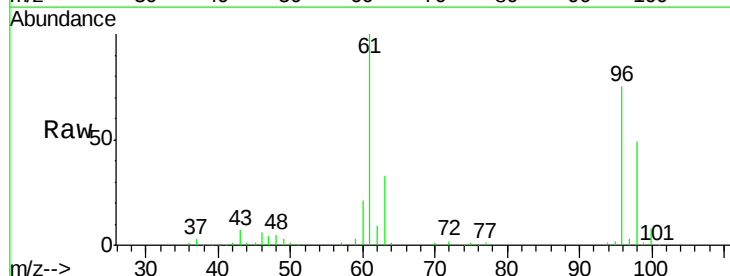


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 65.00 (64.70 to 65.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0

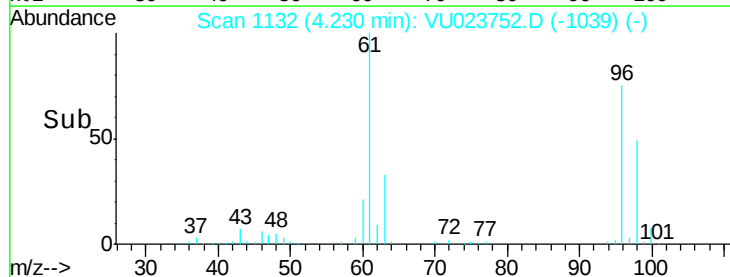
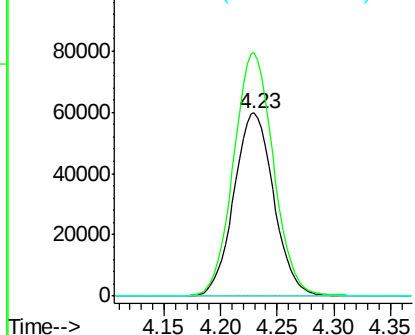


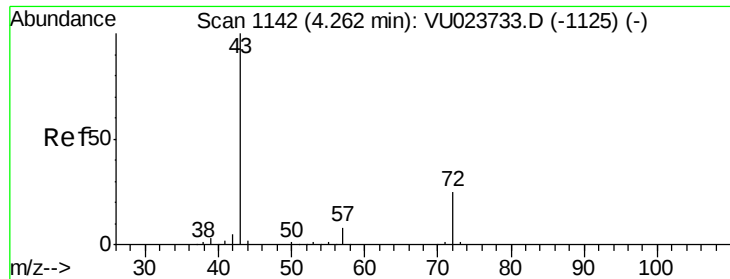
#20
 cis-1,2-Dichloroethene
 Concen: 45.03 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

Tgt Ion: 96 Resp: 146539
 Ion Ratio Lower Upper
 96 100
 61 132.9 93.9 174.5
 68 0.0 0.0 0.0



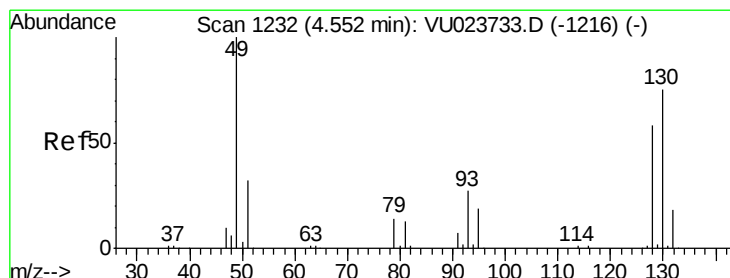
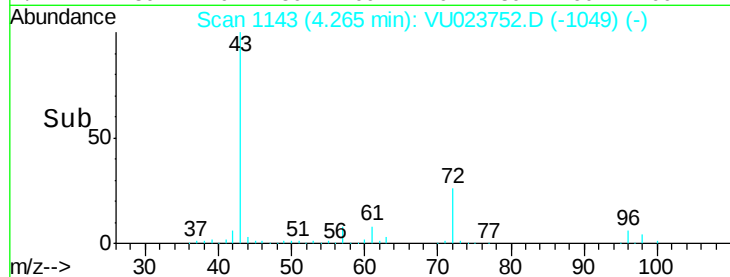
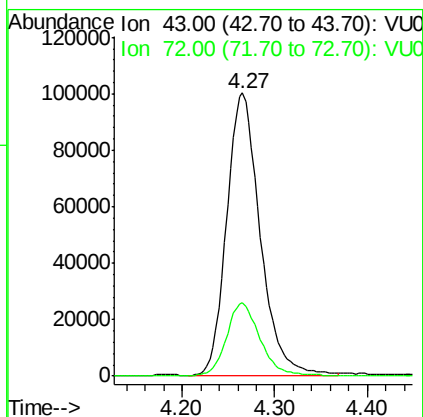
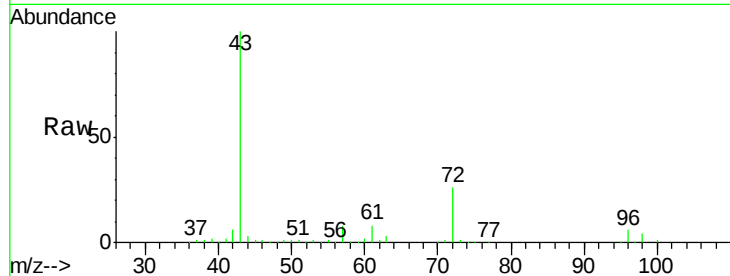
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0





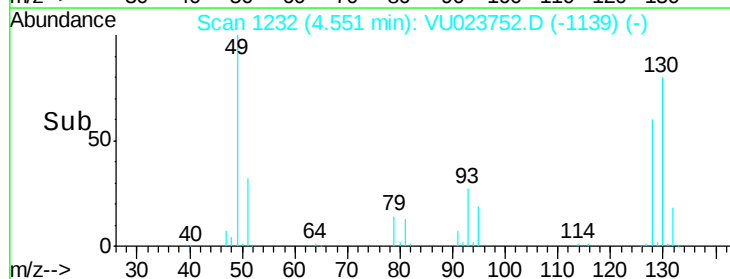
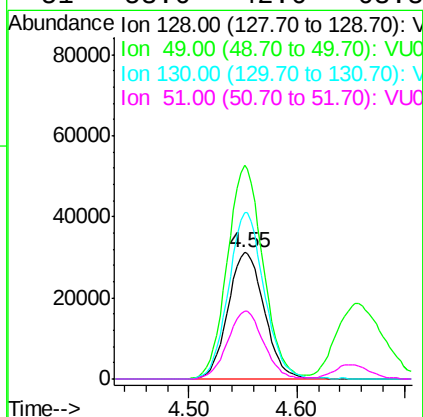
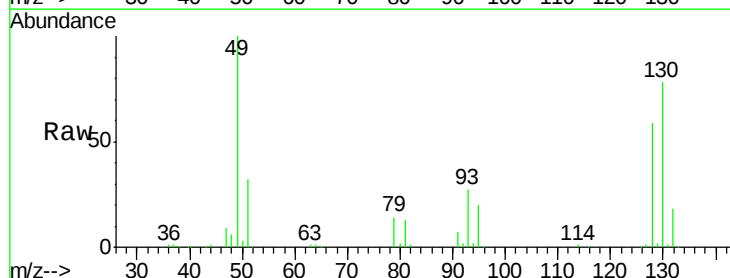
#22
 2-Butanone
 Concen: 86.11 ug/L
 RT: 4.27 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

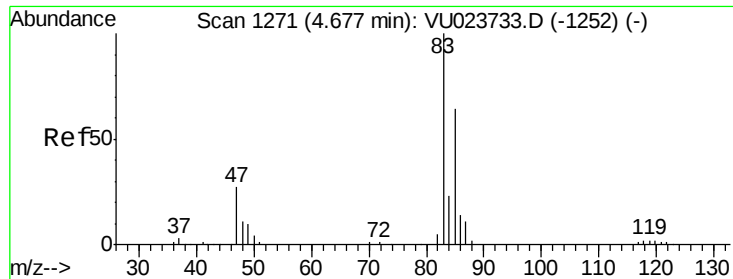
Tgt Ion: 43 Resp: 249931
 Ion Ratio Lower Upper
 43 100
 72 26.4 12.7 38.0



#23
 Bromochloromethane
 Concen: 45.17 ug/L
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

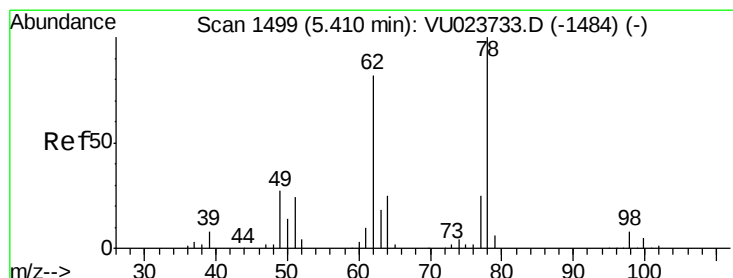
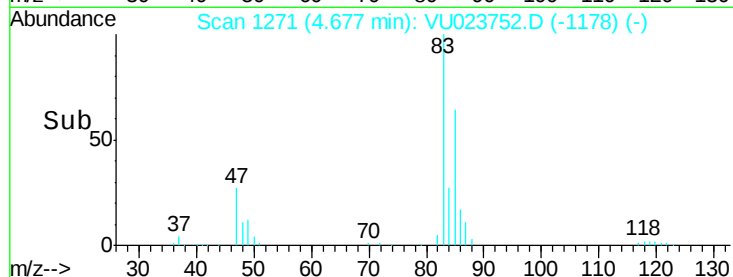
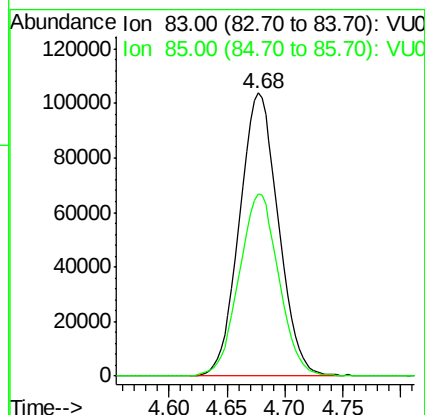
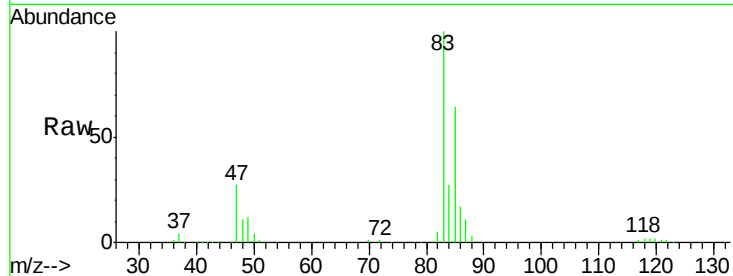
Tgt Ion: 128 Resp: 72971
 Ion Ratio Lower Upper
 128 100
 49 168.8 116.1 215.7
 130 131.9 86.6 160.8
 51 53.6 42.6 63.8





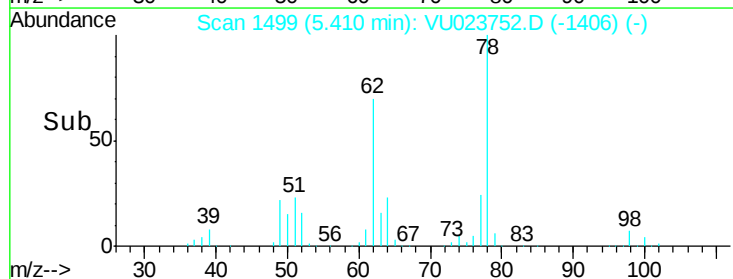
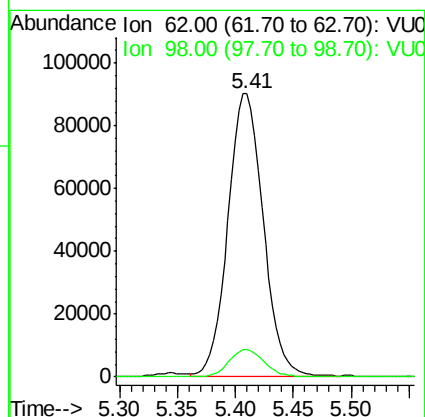
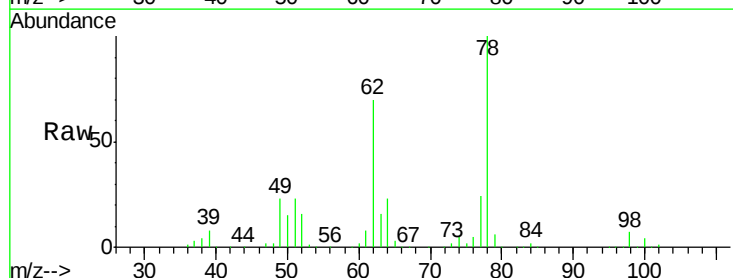
#25
Chloroform
Concen: 43.45 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023752.D
Acq: 08 May 2018 22:14

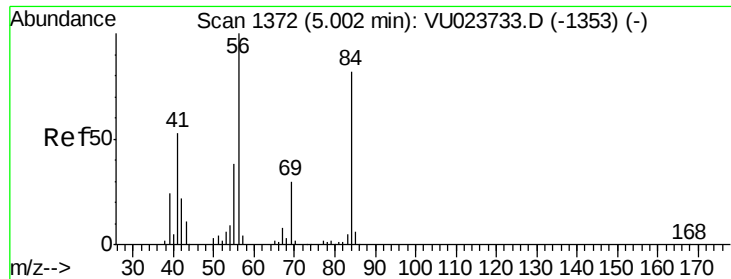
Tgt Ion: 83 Resp: 242627
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 44.43 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU023752.D
Acq: 08 May 2018 22:14

Tgt Ion: 62 Resp: 191200
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.8





#29

Cyclohexane

Concen: 46.78 ug/L

RT: 5.00 min Scan# 1372

Delta R.T. -0.00 min

Lab File: VU023752.D

Acq: 08 May 2018 22:14

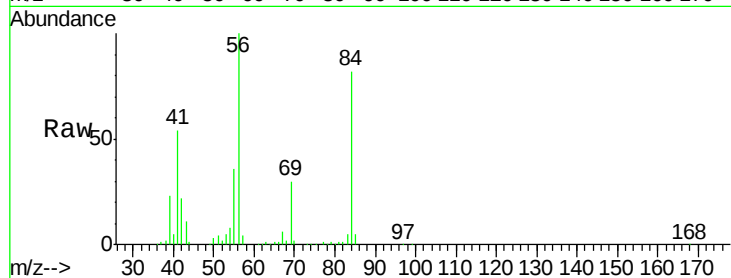
Tgt Ion: 56 Resp: 227245

Ion Ratio Lower Upper

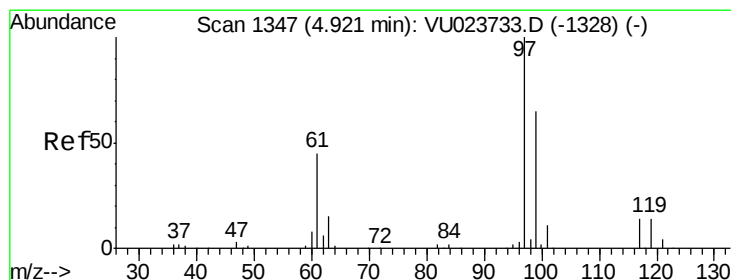
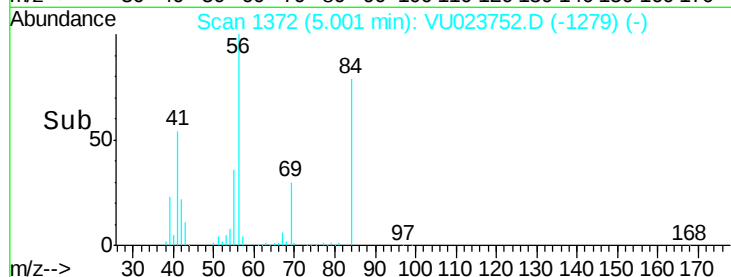
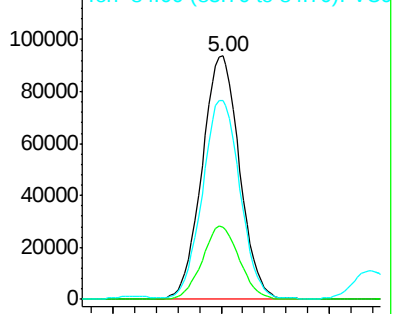
56 100

69 29.6 23.6 35.4

84 82.5 65.8 98.8



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#30

1,1,1-Trichloroethane

Concen: 46.33 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VU023752.D

Acq: 08 May 2018 22:14

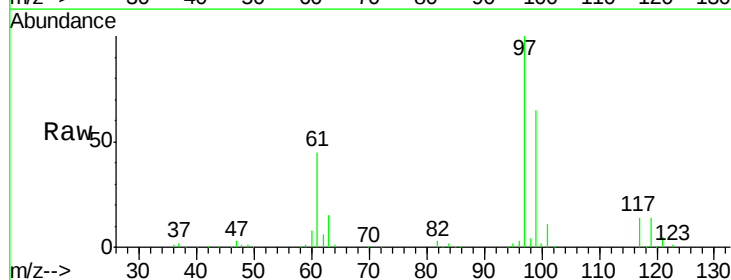
Tgt Ion: 97 Resp: 199207

Ion Ratio Lower Upper

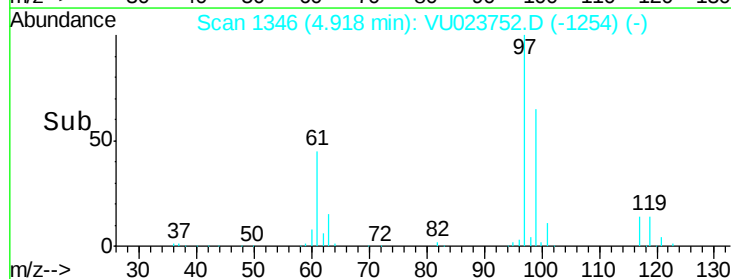
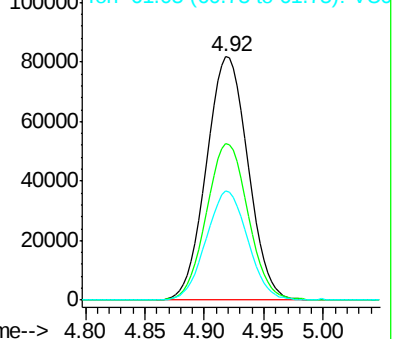
97 100

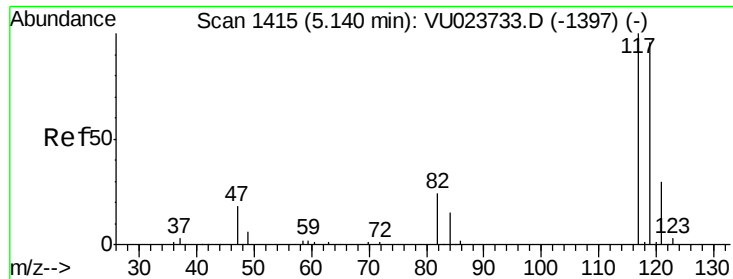
99 64.3 51.3 76.9

61 44.6 36.5 54.7



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.05 (60.75 to 61.75): VU0





#31

Carbon tetrachloride

Concen: 46.02 ug/L

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU023752.D

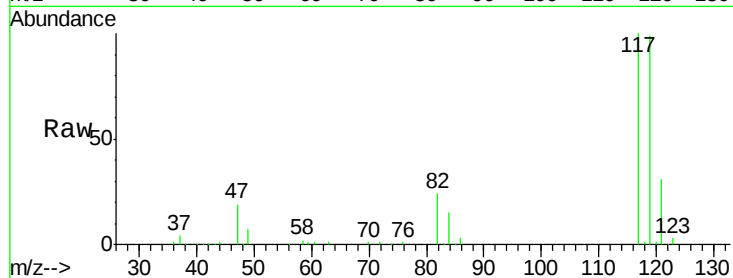
Acq: 08 May 2018 22:14

Tgt Ion: 117 Resp: 170496

Ion Ratio Lower Upper

117 100

119 97.2 76.4 114.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

5.14

80000

60000

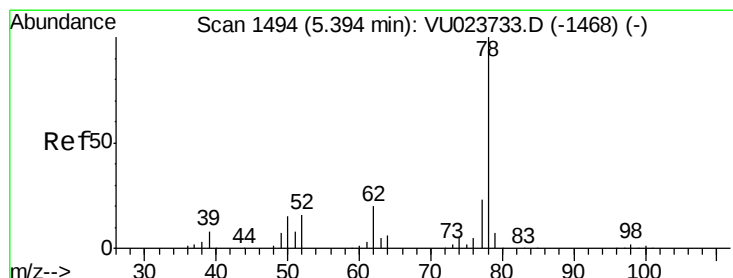
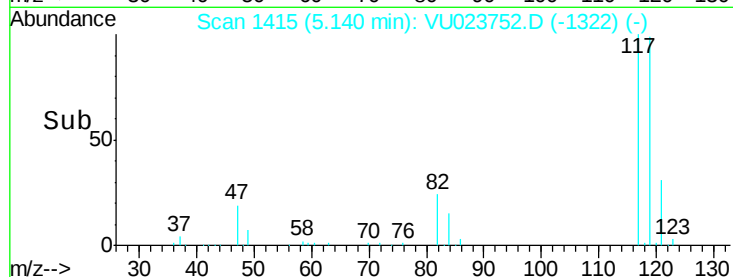
40000

20000

0

Time-->

5.05 5.10 5.15 5.20 5.25



#33

Benzene

Concen: 46.52 ug/L

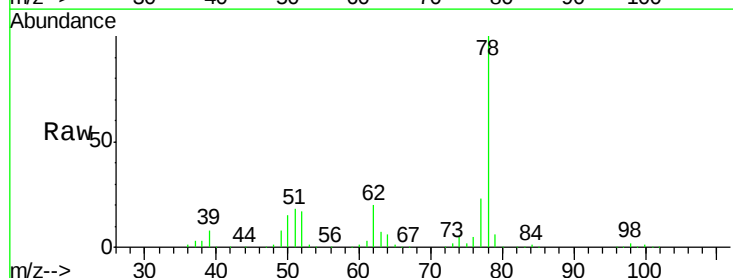
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VU023752.D

Acq: 08 May 2018 22:14

Tgt Ion: 78 Resp: 554222



Abundance Ion 78.00 (77.70 to 78.70): VU0

5.39

300000

250000

200000

150000

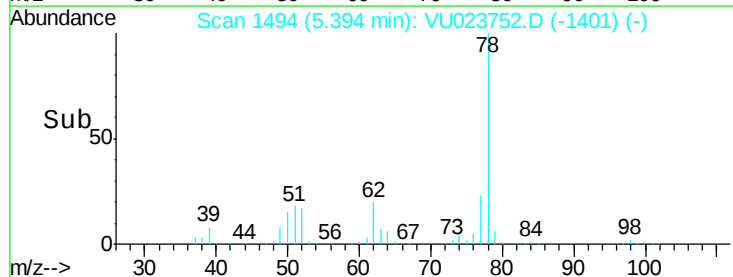
100000

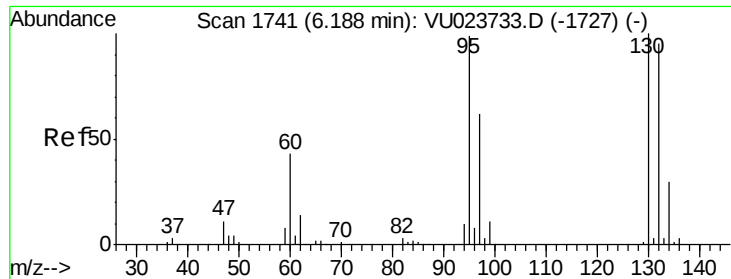
50000

0

Time-->

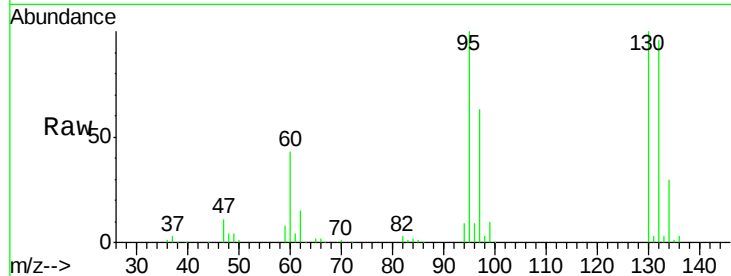
5.20 5.30 5.40 5.50 5.60



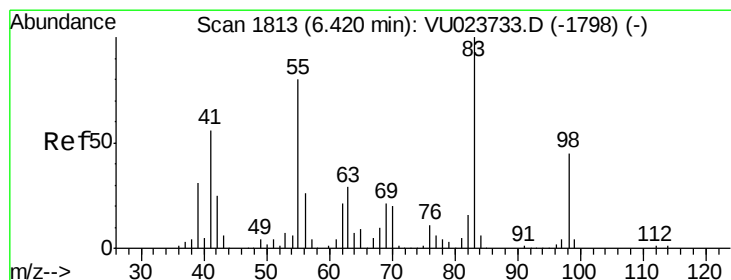
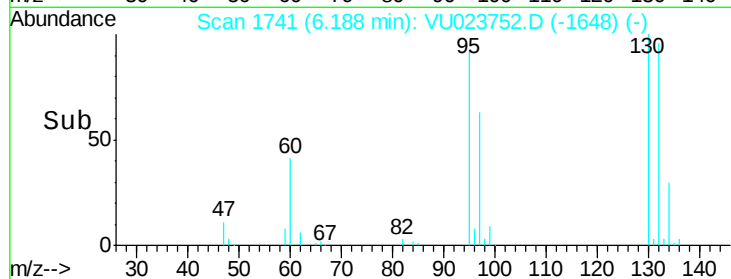
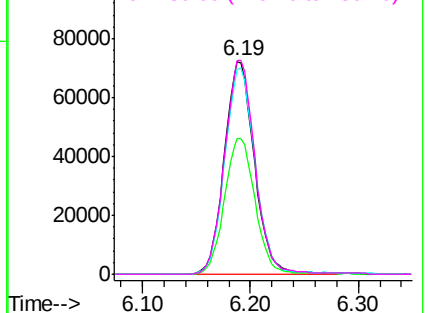


#34
 Trichloroethene
 Concen: 46.18 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

Tgt Ion:	95	Resp:	140438
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.2	82.2
132	96.5	67.8	125.8
130	100.4	69.6	129.2

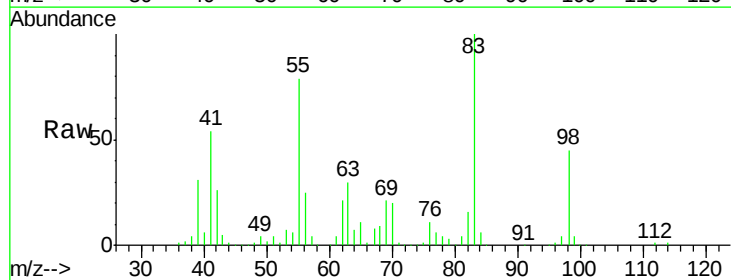


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

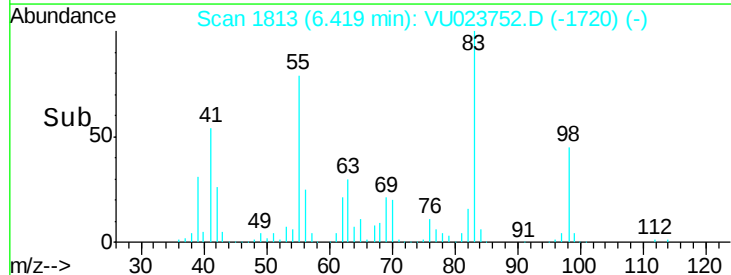
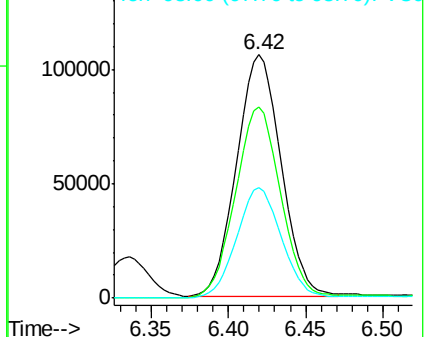


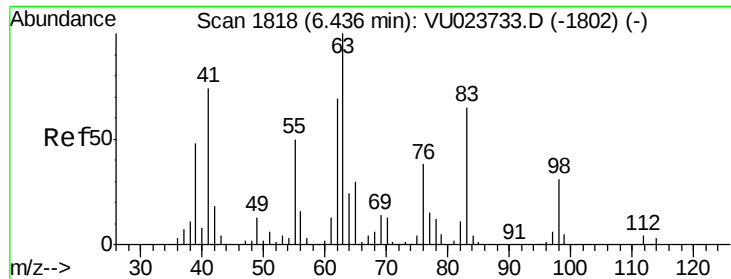
#35
 Methylcyclohexane
 Concen: 45.13 ug/L
 RT: 6.42 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

Tgt Ion:	83	Resp:	211449
Ion	Ratio	Lower	Upper
83	100		
55	80.8	64.8	97.2
98	46.2	36.7	55.1



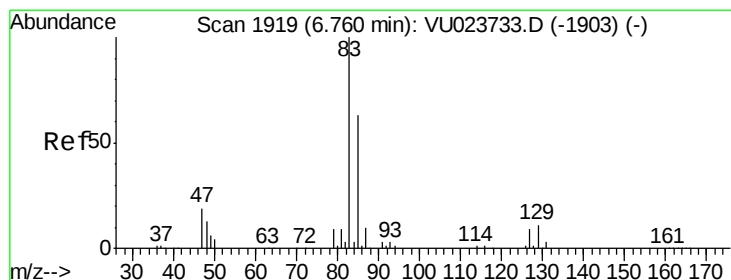
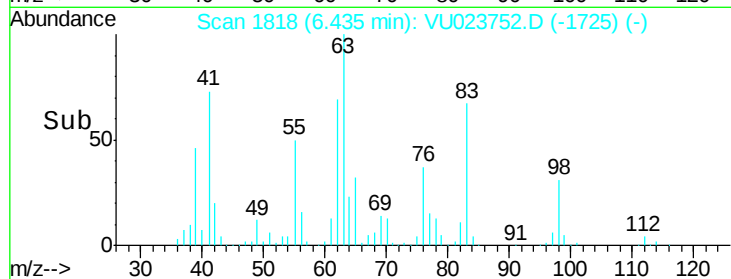
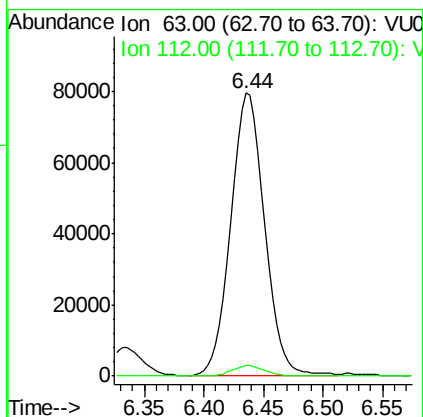
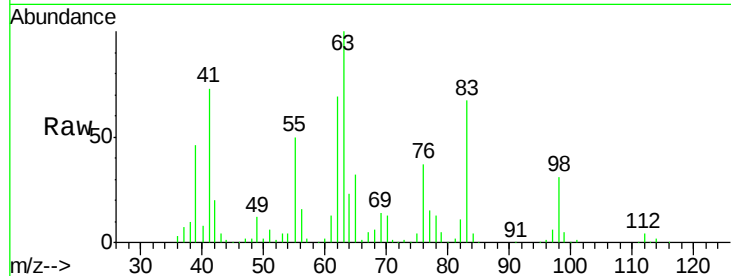
Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





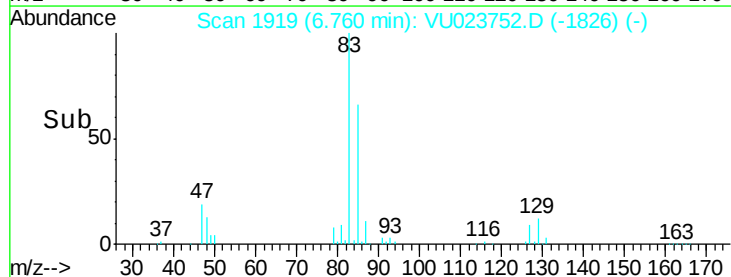
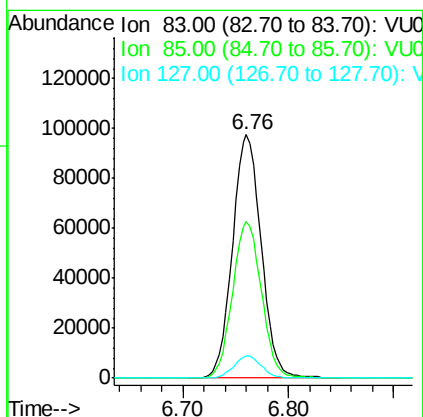
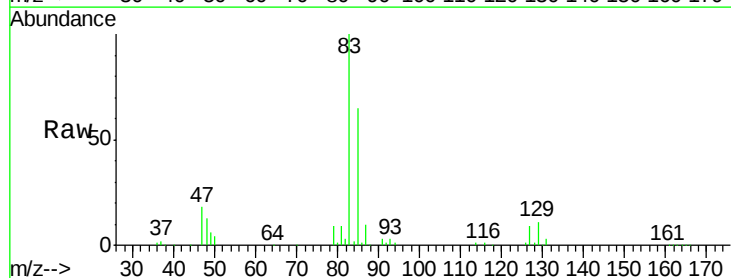
#37
 1,2-Dichloropropane
 Concen: 46.18 ug/L
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

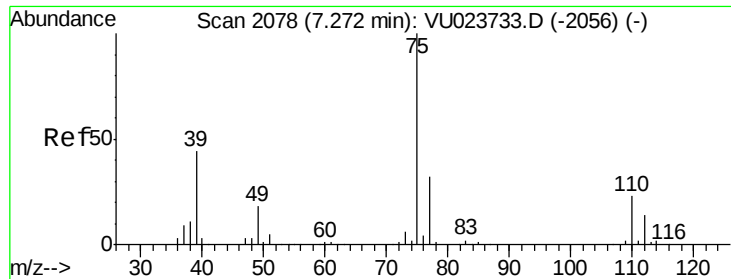
Tgt Ion: 63 Resp: 156158
 Ion Ratio Lower Upper
 63 100
 112 3.6 2.8 4.2



#38
 Bromodichloromethane
 Concen: 46.47 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

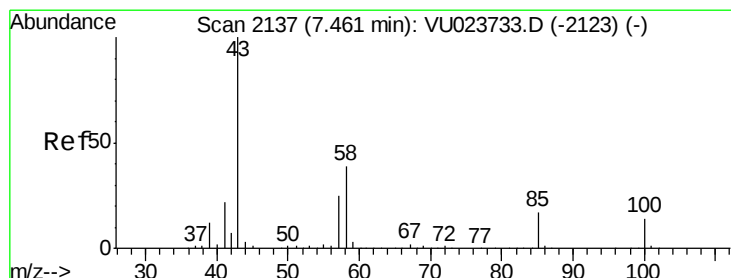
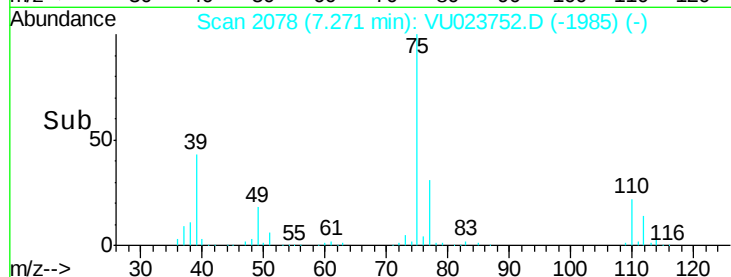
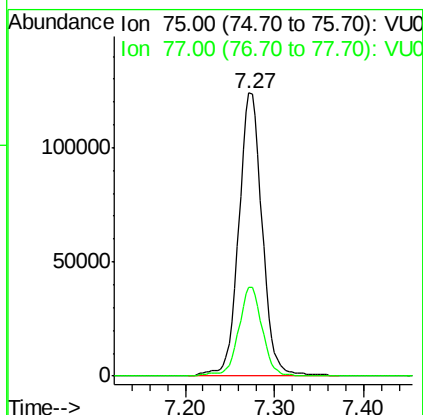
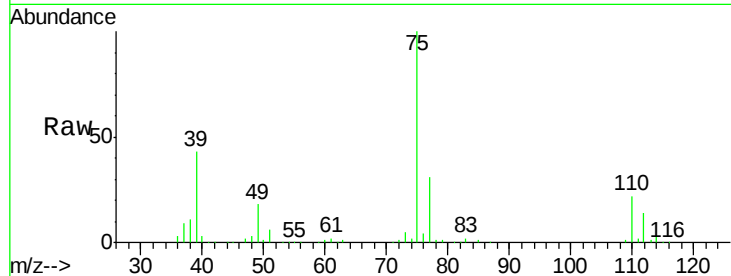
Tgt Ion: 83 Resp: 182681
 Ion Ratio Lower Upper
 83 100
 85 64.6 44.4 82.4
 127 9.0 6.9 10.3





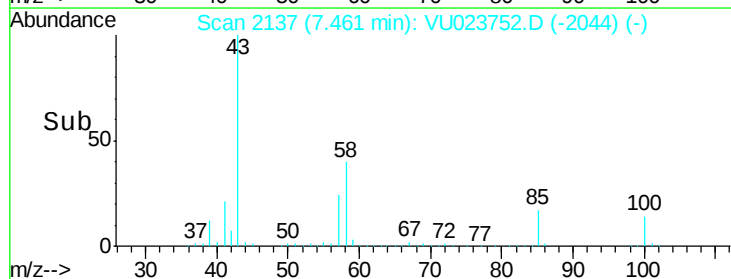
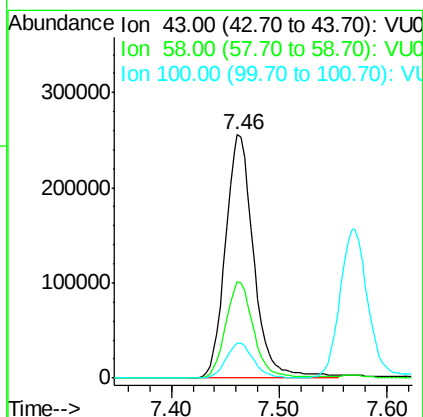
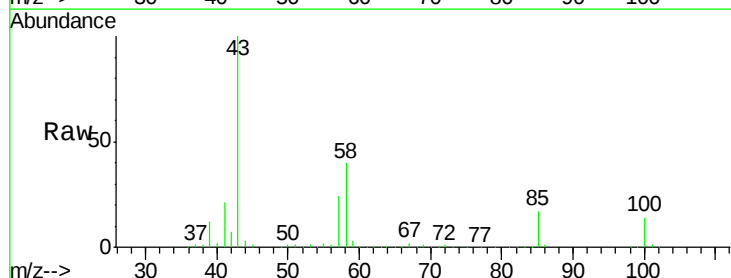
#39
 cis-1,3-Dichloropropene
 Concen: 47.82 ug/L
 RT: 7.27 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

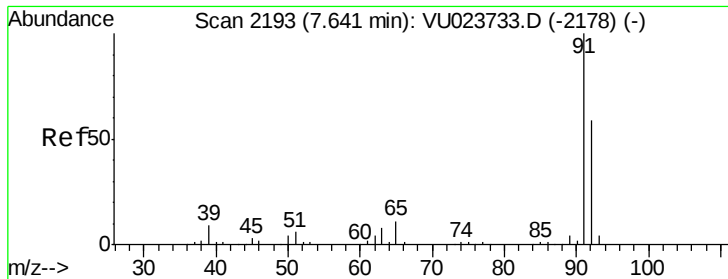
Tgt Ion: 75 Resp: 226776
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 101.90 ug/L
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

Tgt Ion: 43 Resp: 468700
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.3 46.9
 100 14.0 11.2 16.8





#42

Toluene

Concen: 47.19 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023752.D

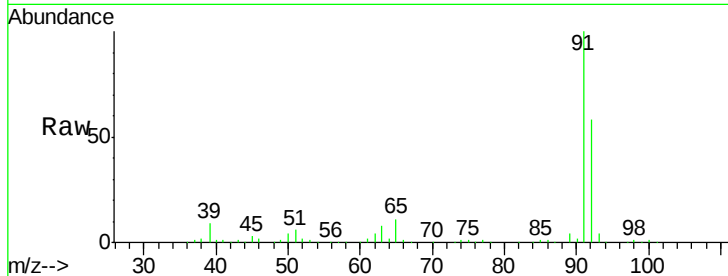
Acq: 08 May 2018 22:14

Tgt Ion: 91 Resp: 587343

Ion Ratio Lower Upper

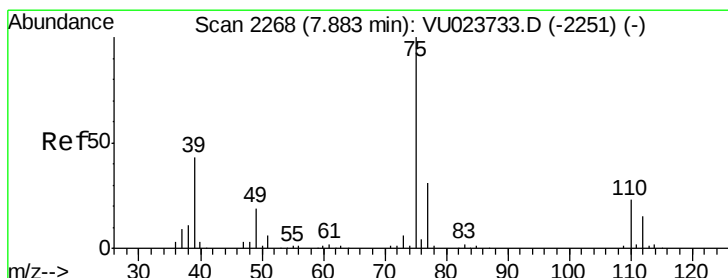
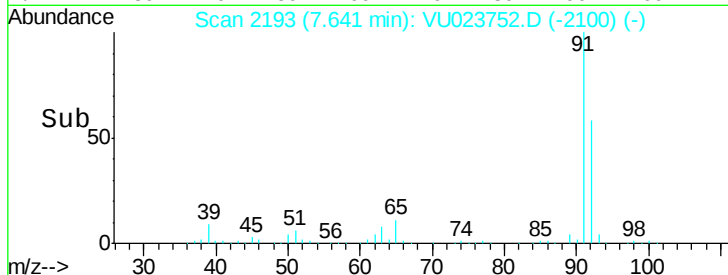
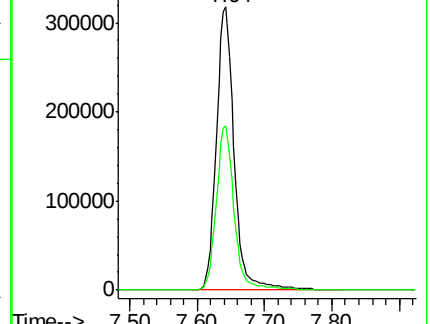
91 100

92 58.2 40.9 76.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 46.20 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU023752.D

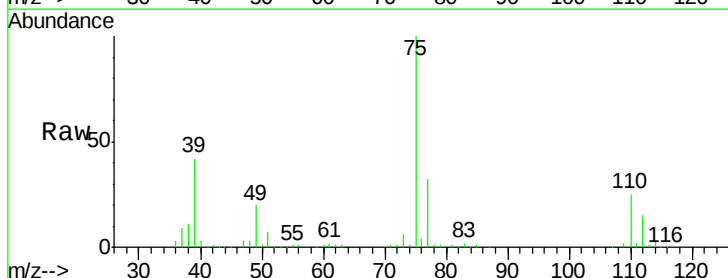
Acq: 08 May 2018 22:14

Tgt Ion: 75 Resp: 196319

Ion Ratio Lower Upper

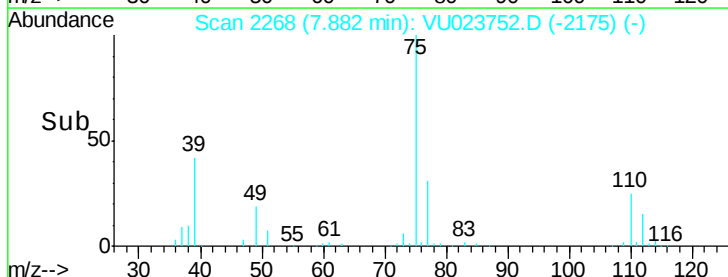
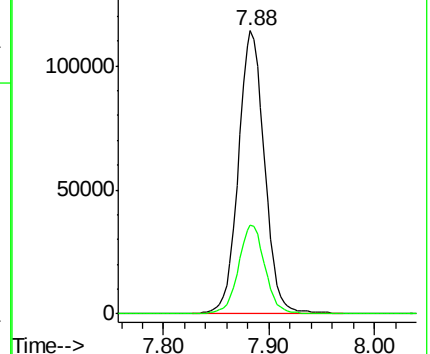
75 100

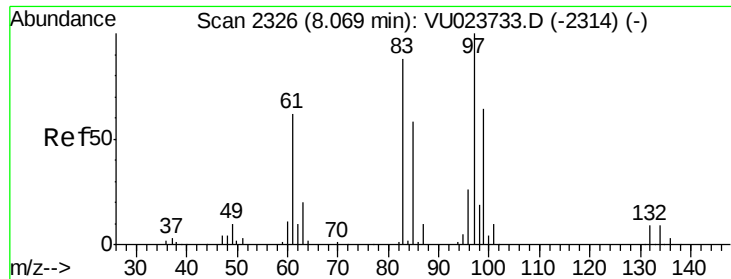
77 31.5 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

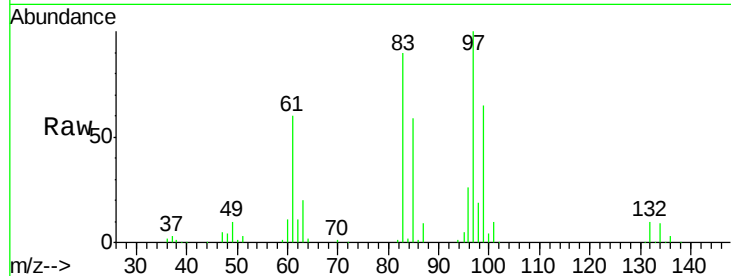
Ion 77.00 (76.70 to 77.70): VU0





#45
 1,1,2-Trichloroethane
 Concen: 46.45 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

Tgt Ion:	97	Resp:	137297
Ion	Ratio	Lower	Upper
97	100		
99	64.6	45.0	83.6
83	89.7	63.1	117.3
85	58.9	40.2	74.6



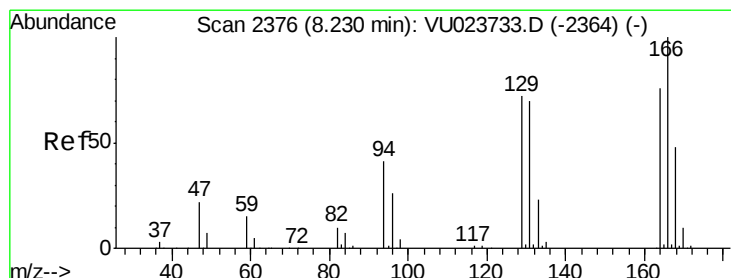
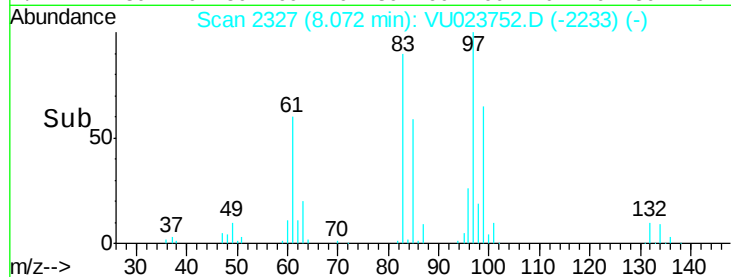
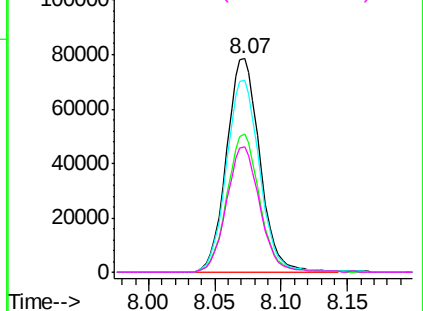
Abundance

Ion 97.00 (96.70 to 97.70): VU023752.D (-2233) (-)

Ion 99.00 (98.70 to 99.70): VU023752.D (-2233) (-)

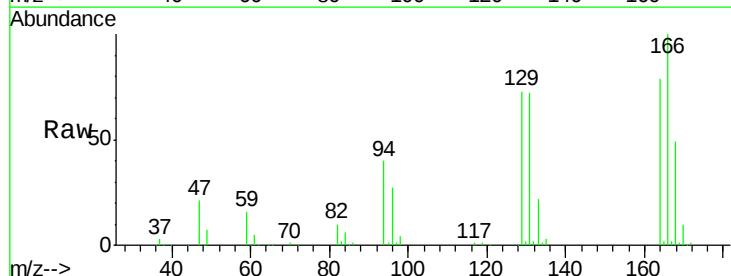
Ion 83.00 (82.70 to 83.70): VU023752.D (-2233) (-)

Ion 85.00 (84.70 to 85.70): VU023752.D (-2233) (-)



#46
 Tetrachloroethene
 Concen: 45.03 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

Tgt Ion:	164	Resp:	113340
Ion	Ratio	Lower	Upper
164	100		
129	91.4	66.9	124.3
131	90.2	63.6	118.0
166	126.0	93.0	172.6



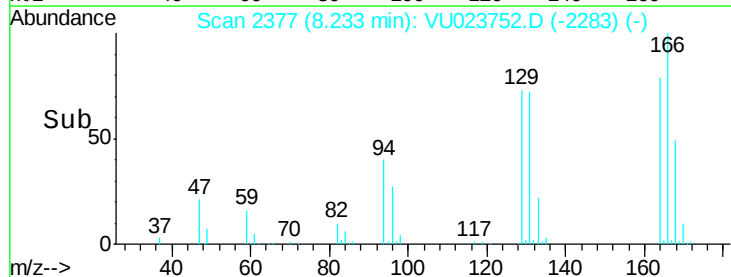
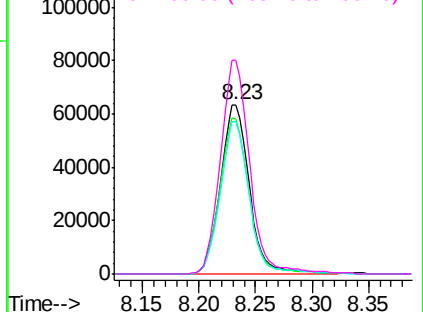
Abundance

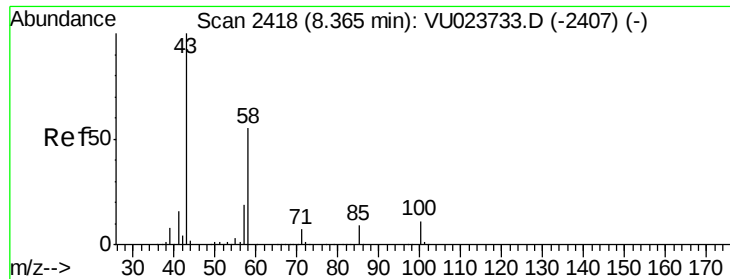
Ion 164.00 (163.70 to 164.70): VU023752.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU023752.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU023752.D (-2283) (-)

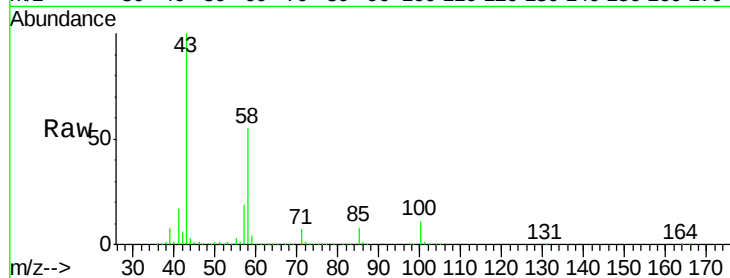
Ion 166.00 (165.70 to 166.70): VU023752.D (-2283) (-)



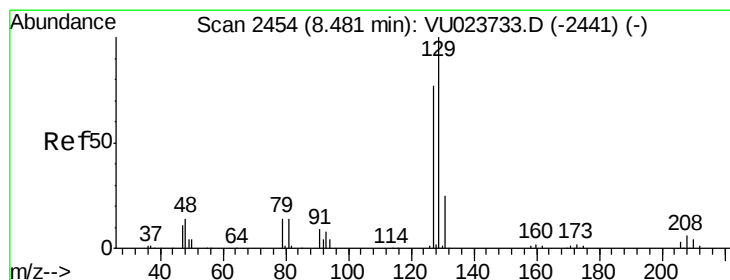
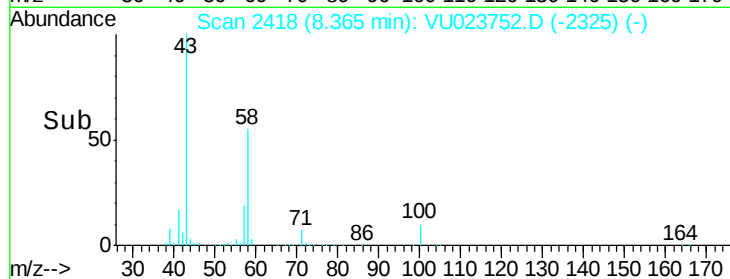
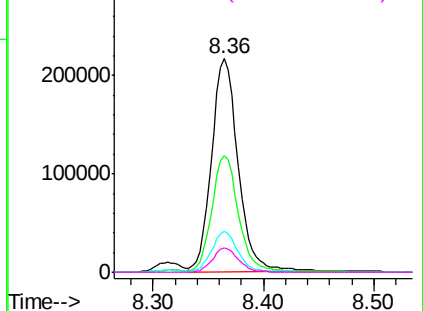


#48
2-Hexanone
Concen: 95.44 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU023752.D
Acq: 08 May 2018 22:14

Tgt Ion:	43	Resp:	361112
Ion	Ratio	Lower	Upper
43	100		
58	56.2	43.4	65.0
57	18.6	15.0	22.4
100	11.1	8.7	13.1

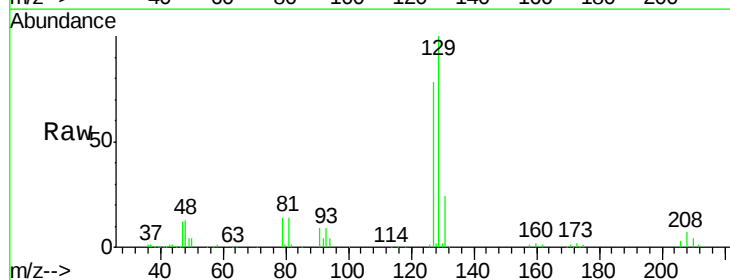


Abundance Ion 43.00 (42.70 to 43.70): VU023752.D (-2325) (-)
Ion 58.00 (57.70 to 58.70): VU023752.D (-2325) (-)
Ion 57.00 (56.70 to 57.70): VU023752.D (-2325) (-)
Ion 100.00 (99.70 to 100.70): VU023752.D (-2325) (-)

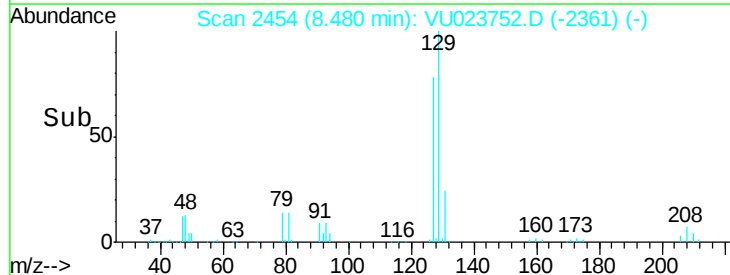
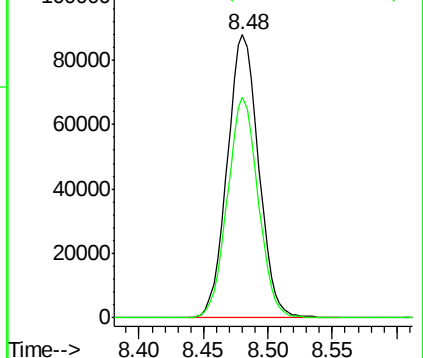


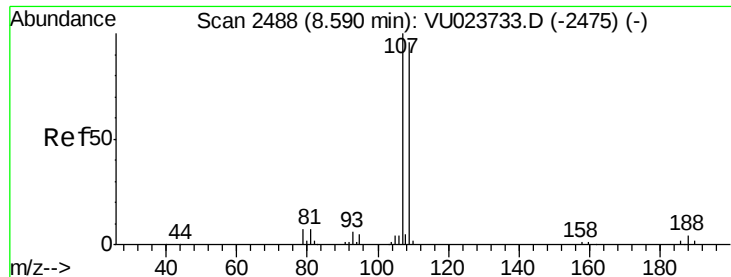
#49
Dibromochloromethane
Concen: 47.36 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU023752.D
Acq: 08 May 2018 22:14

Tgt Ion:	129	Resp:	148568
Ion	Ratio	Lower	Upper
129	100		
127	77.9	54.8	101.8



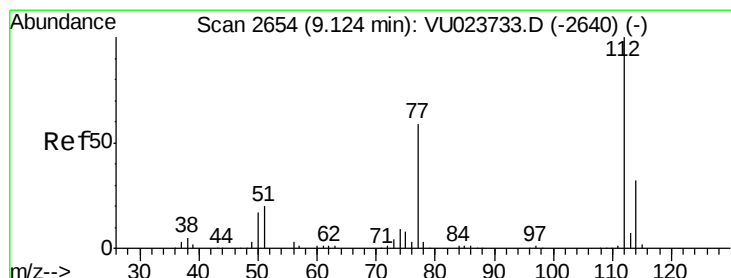
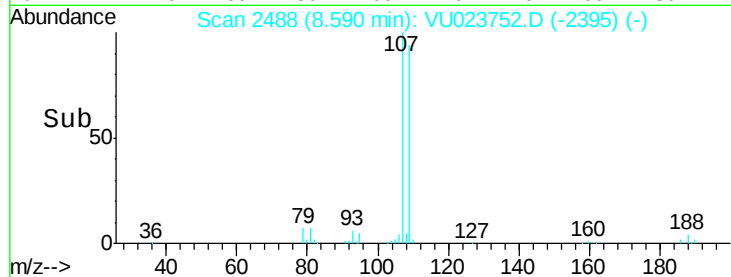
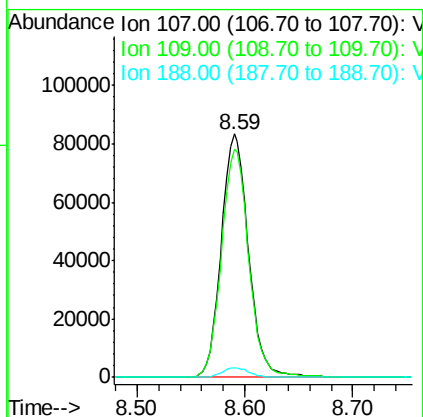
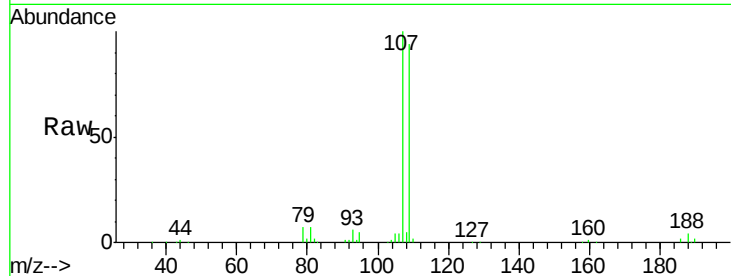
Abundance Ion 129.00 (128.70 to 129.70): VU023752.D (-2361) (-)
Ion 127.00 (126.70 to 127.70): VU023752.D (-2361) (-)





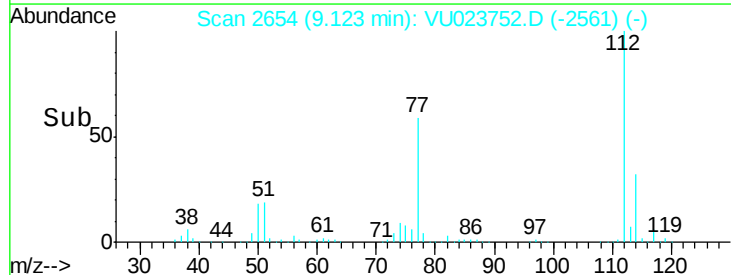
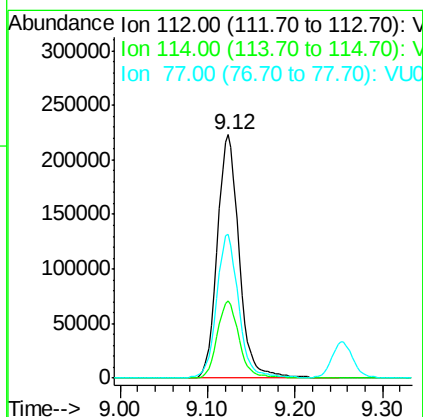
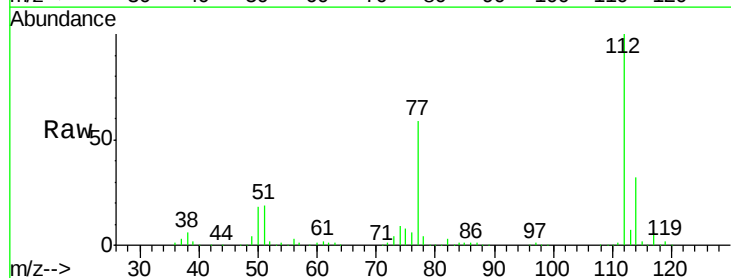
#50
 1,2-Dibromoethane
 Concen: 47.97 ug/L
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

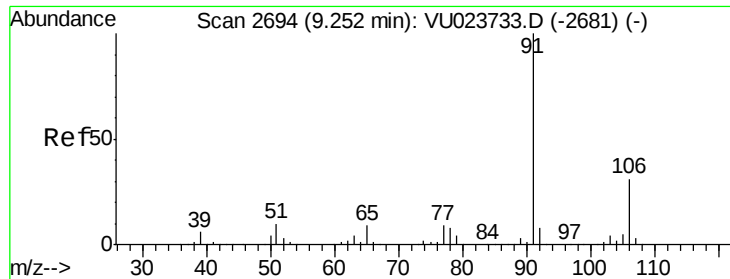
Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.9	66.4	123.2
188	3.9	3.1	4.7



#51
 Chlorobenzene
 Concen: 46.36 ug/L
 RT: 9.12 min Scan# 2654
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.6	42.0
77	59.1	46.9	70.3





#52

Ethylbenzene

Concen: 48.11 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023752.D

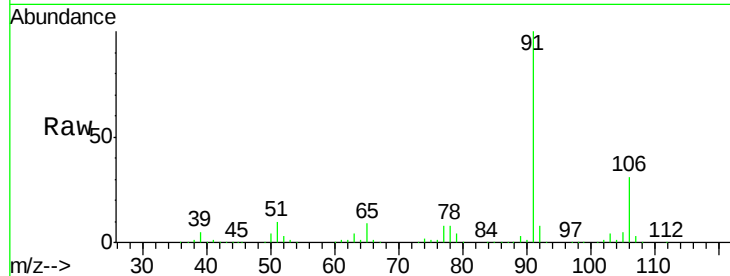
Acq: 08 May 2018 22:14

Tgt Ion: 91 Resp: 659386

Ion Ratio Lower Upper

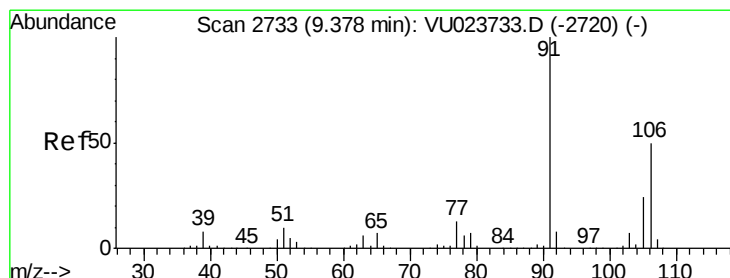
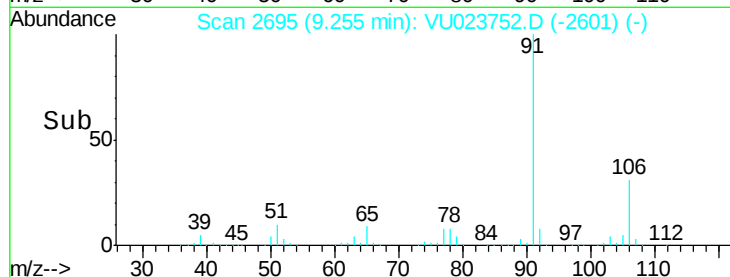
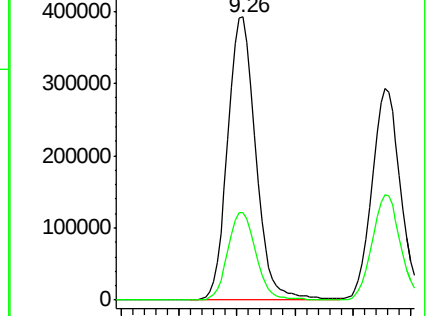
91 100

106 31.0 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: 48.69 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023752.D

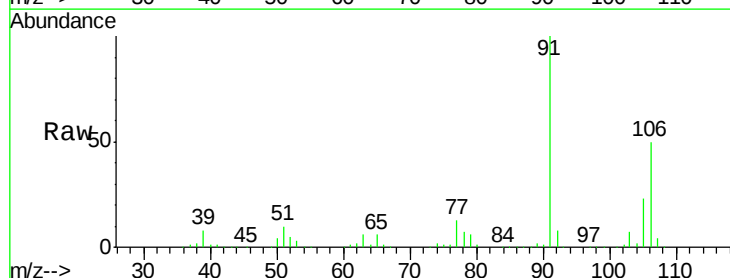
Acq: 08 May 2018 22:14

Tgt Ion: 106 Resp: 253549

Ion Ratio Lower Upper

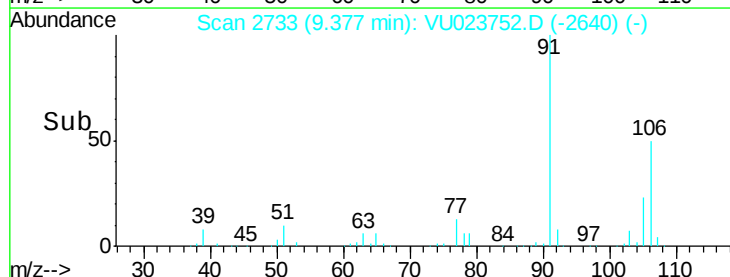
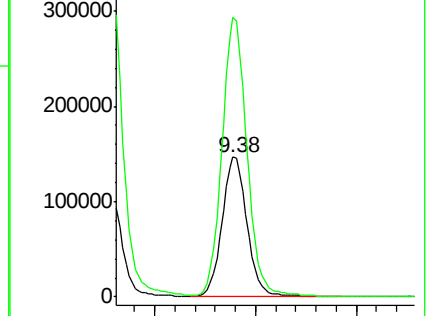
106 100

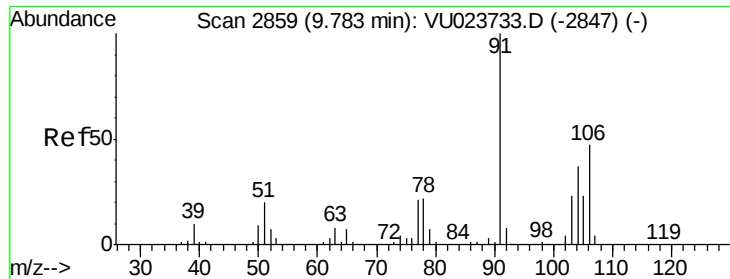
91 200.4 142.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#54

o-xylene

Concen: 48.29 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU023752.D

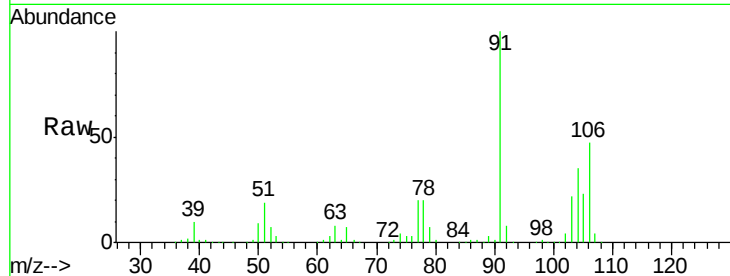
Acq: 08 May 2018 22:14

Tgt Ion:106 Resp: 245403

Ion Ratio Lower Upper

106 100

91 213.8 152.6 283.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

300000

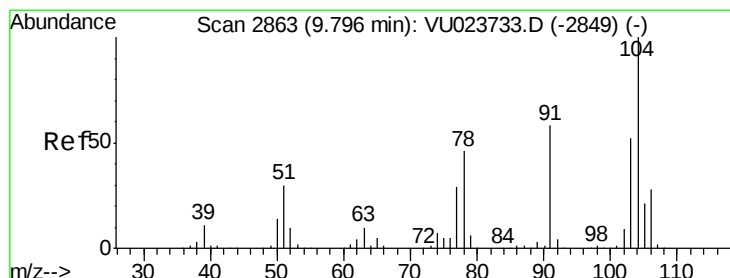
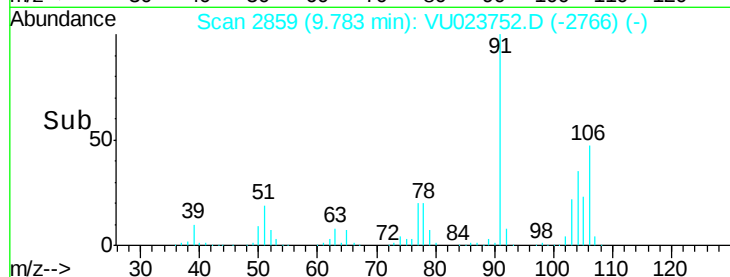
200000

100000

0

9.78

Time-->



#55

Styrene

Concen: 48.90 ug/L

RT: 9.80 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VU023752.D

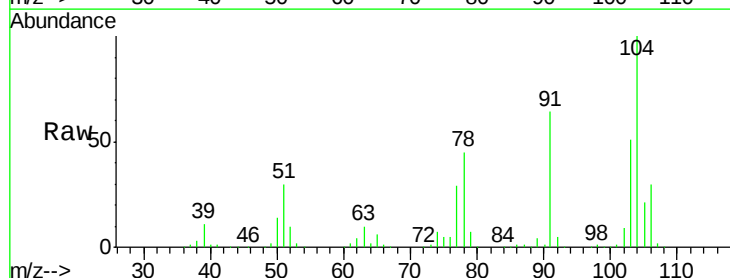
Acq: 08 May 2018 22:14

Tgt Ion:104 Resp: 425316

Ion Ratio Lower Upper

104 100

78 45.5 32.1 59.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

300000

250000

200000

150000

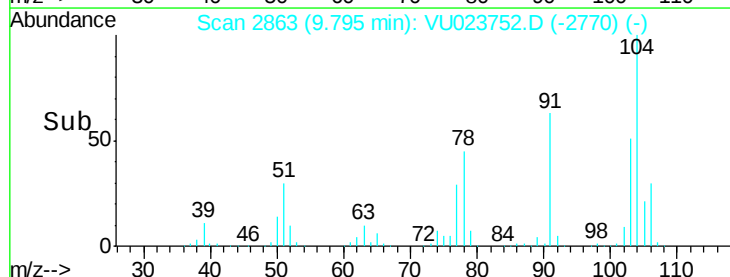
100000

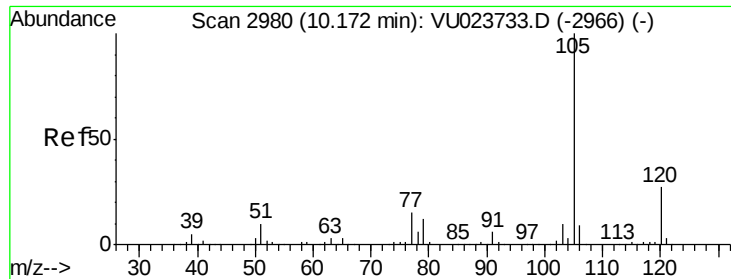
50000

0

9.80

Time-->





#56

Isopropylbenzene

Concen: 48.22 ug/L

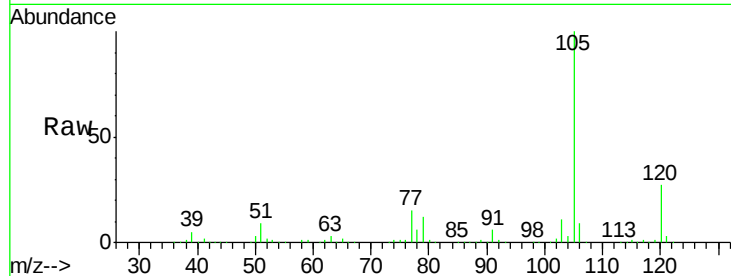
RT: 10.17 min Scan# 2980

Delta R.T. -0.00 min

Lab File: VU023752.D

Acq: 08 May 2018 22:14

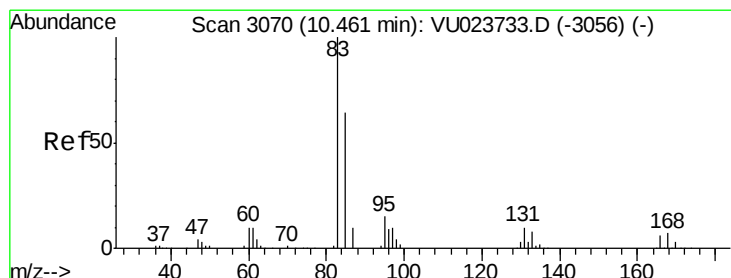
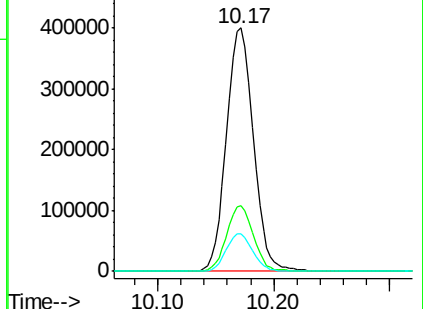
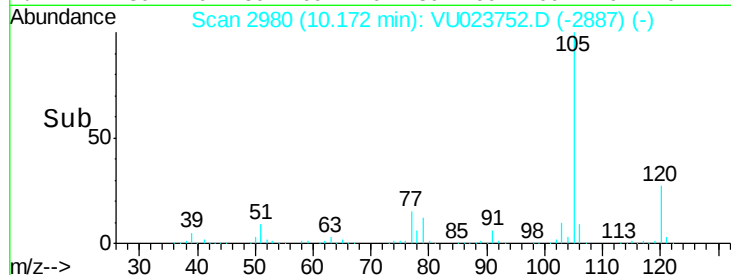
Tgt Ion:	105	Resp:	642515
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.3	31.9
77	15.4	12.3	18.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 47.38 ug/L

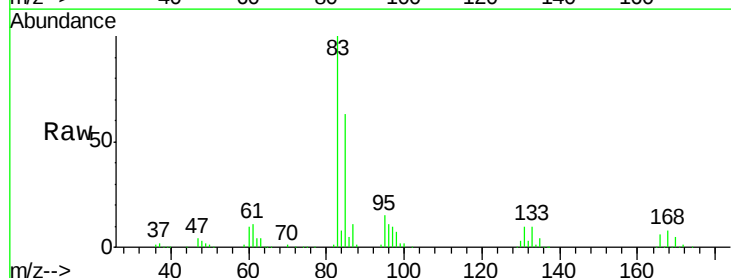
RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU023752.D

Acq: 08 May 2018 22:14

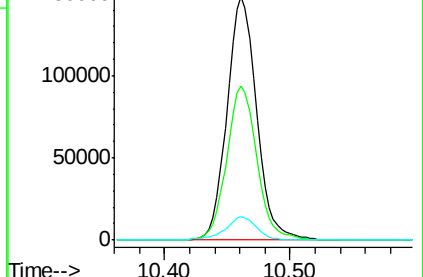
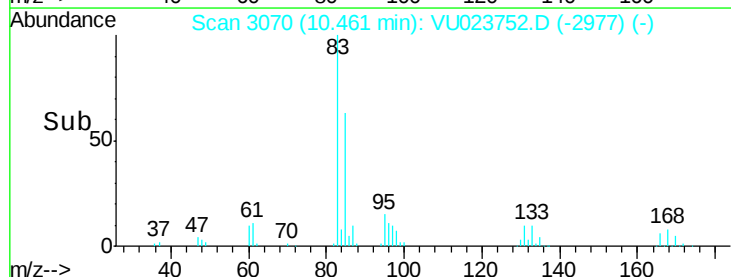
Tgt Ion:	83	Resp:	242678
Ion	Ratio	Lower	Upper
83	100		
85	63.4	45.5	84.5
131	9.7	7.6	11.4

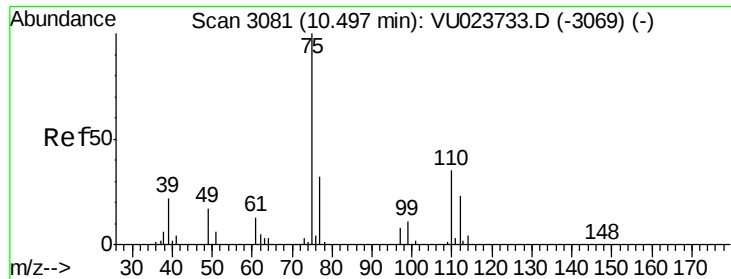


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

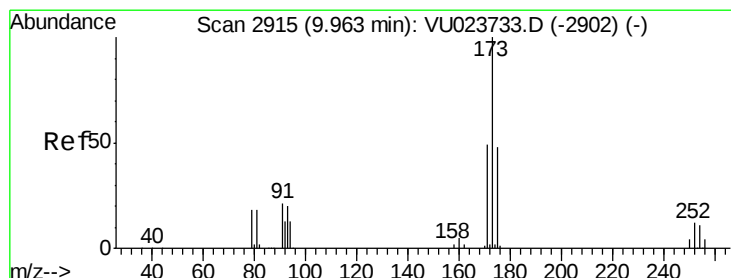
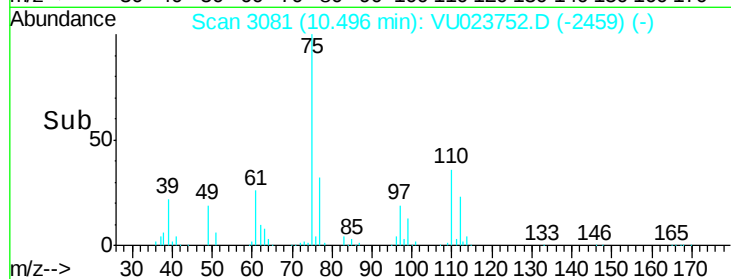
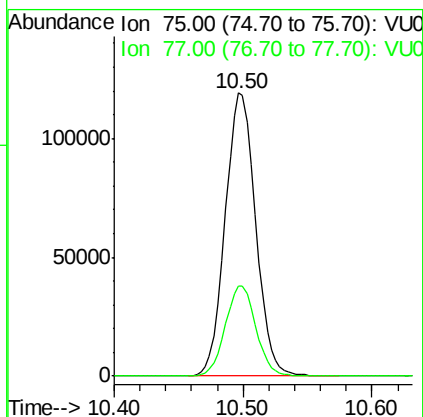
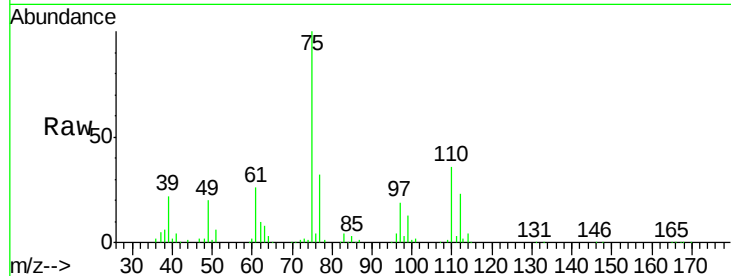
Ion 131.00 (130.70 to 131.70): V





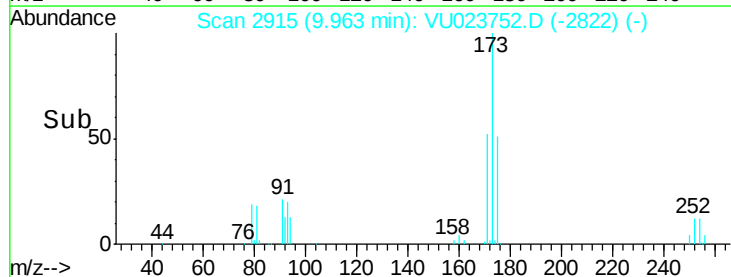
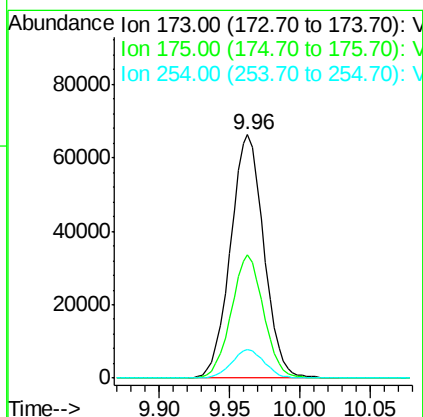
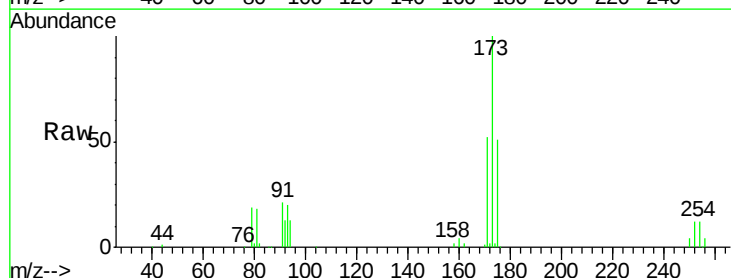
#59
 1,2,3-Trichloropropane
 Concen: 47.91 ug/L
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

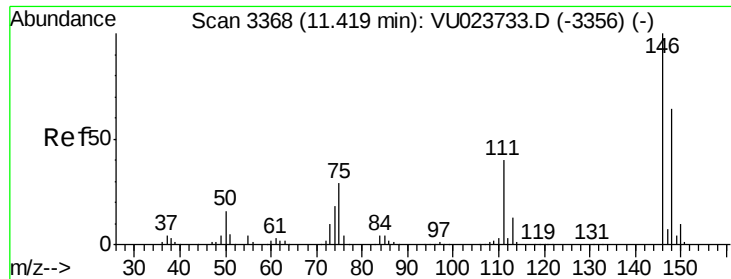
Tgt Ion: 75 Resp: 195202
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4



#61
 Bromoform
 Concen: 45.91 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

Tgt Ion: 173 Resp: 109571
 Ion Ratio Lower Upper
 173 100
 175 49.3 38.9 58.3
 254 11.4 8.6 13.0





#62

1,3-Dichlorobenzene

Concen: 47.06 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU023752.D

Acq: 08 May 2018 22:14

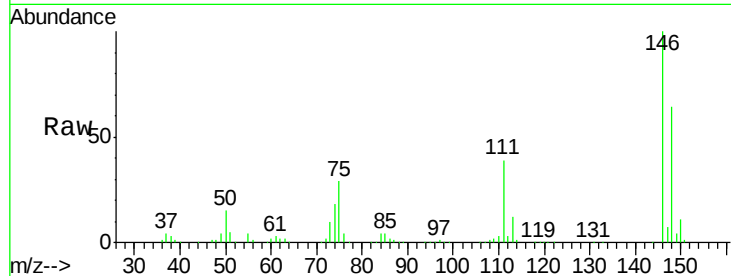
Tgt Ion:146 Resp: 313284

Ion Ratio Lower Upper

146 100

111 39.1 27.5 51.1

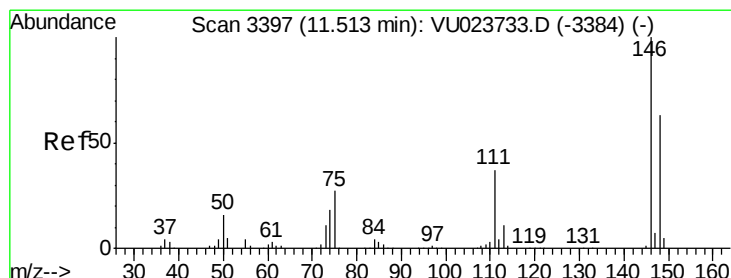
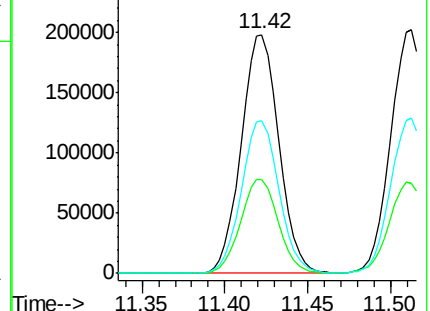
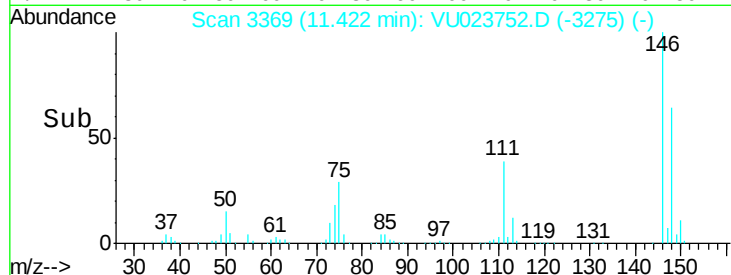
148 64.0 44.2 82.0



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: 46.12 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. -0.00 min

Lab File: VU023752.D

Acq: 08 May 2018 22:14

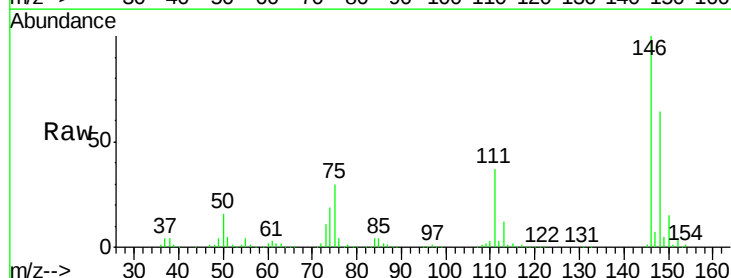
Tgt Ion:146 Resp: 318647

Ion Ratio Lower Upper

146 100

111 37.0 27.3 50.7

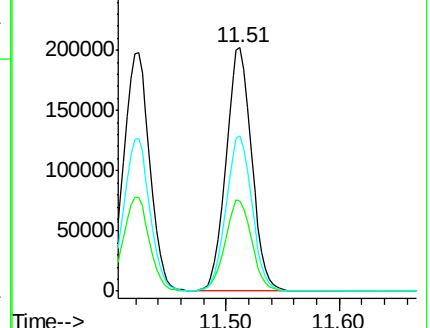
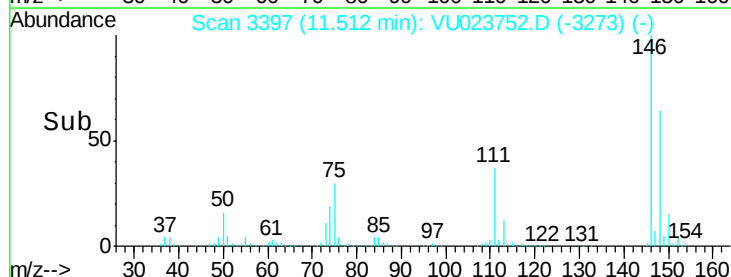
148 63.5 43.8 81.3

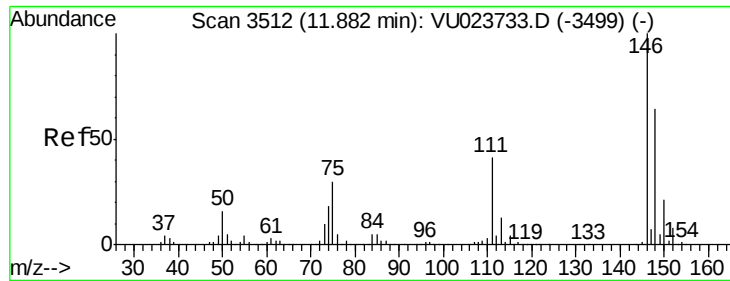


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 46.45 ug/L

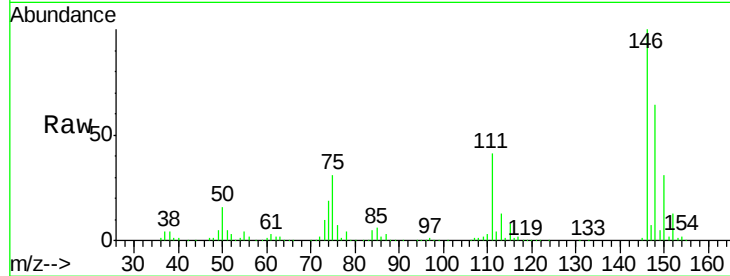
RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

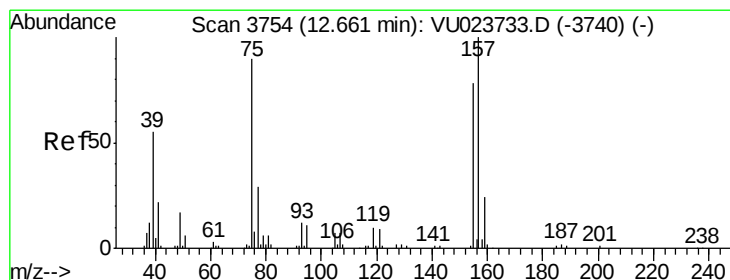
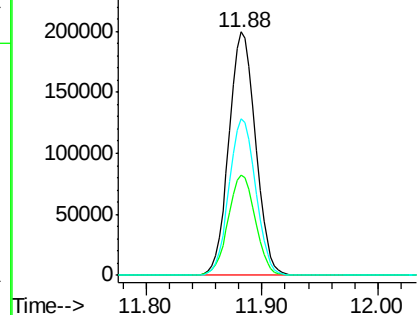
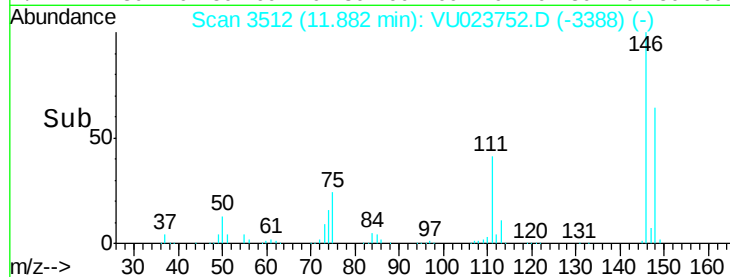
Lab File: VU023752.D

Acq: 08 May 2018 22:14

Tgt Ion:	146	Resp:	315497
Ion	Ratio	Lower	Upper
146	100		
111	41.4	32.5	48.7
148	64.1	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: 49.59 ug/L

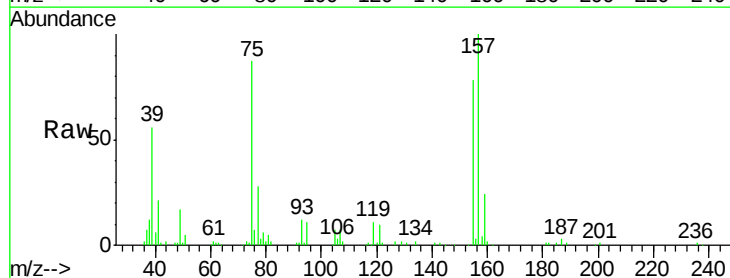
RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

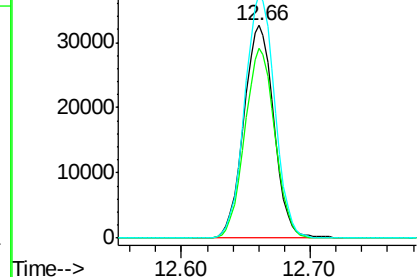
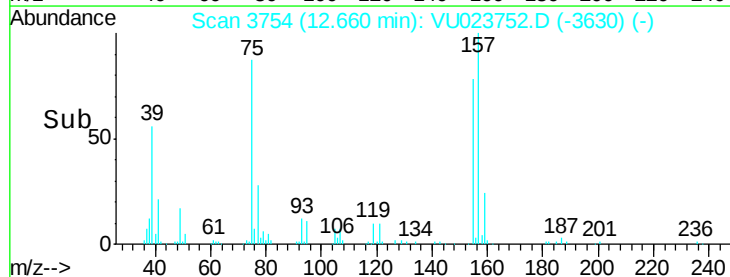
Lab File: VU023752.D

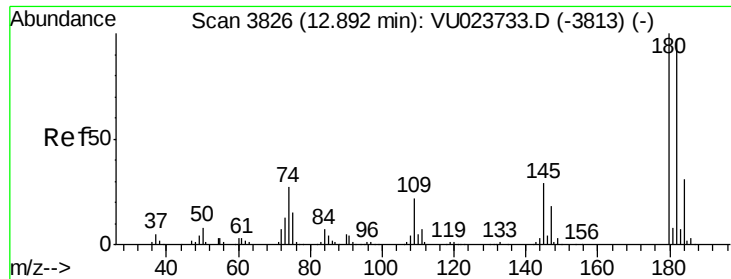
Acq: 08 May 2018 22:14

Tgt Ion:	75	Resp:	52811
Ion	Ratio	Lower	Upper
75	100		
155	89.0	71.7	107.5
157	114.4	90.6	136.0



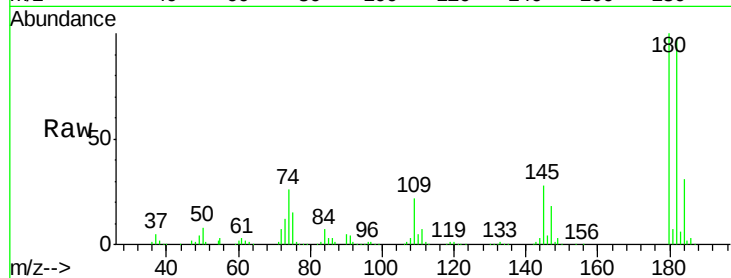
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 155.00 (154.70 to 155.70): V
Ion 157.00 (156.70 to 157.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 46.36 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

Tgt Ion:	180	Resp:	254137
Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.7	115.1
184	30.4	24.6	36.8
145	27.9	22.2	33.4

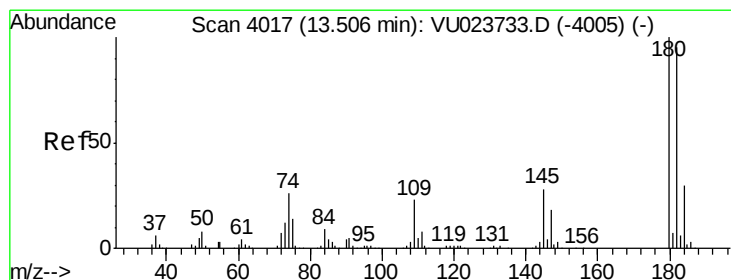
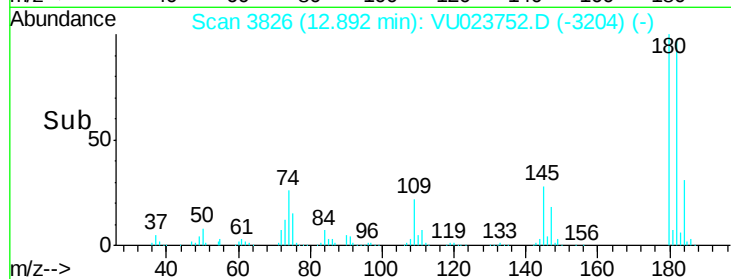
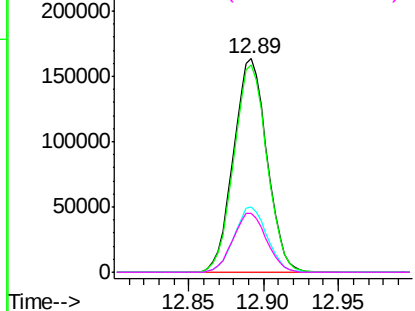


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

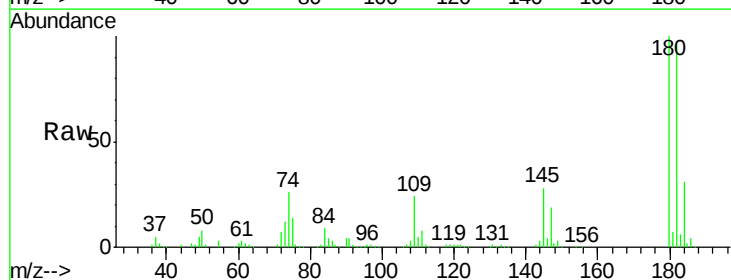
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 50.71 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU023752.D
 Acq: 08 May 2018 22:14

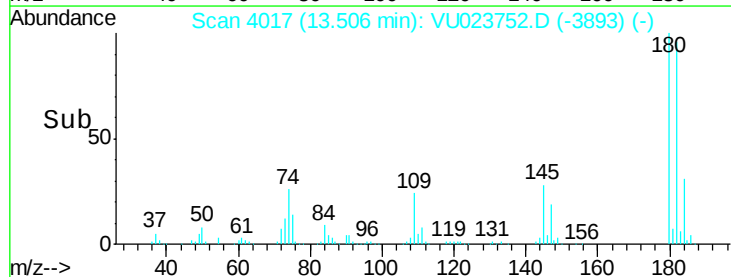
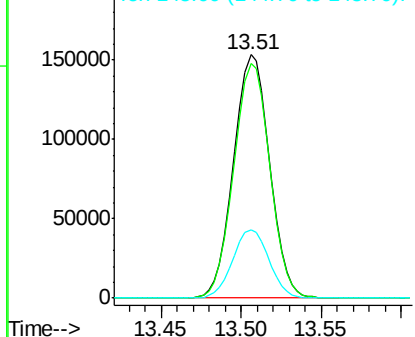
Tgt Ion:	180	Resp:	235606
Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.6	115.0
145	28.3	22.7	34.1

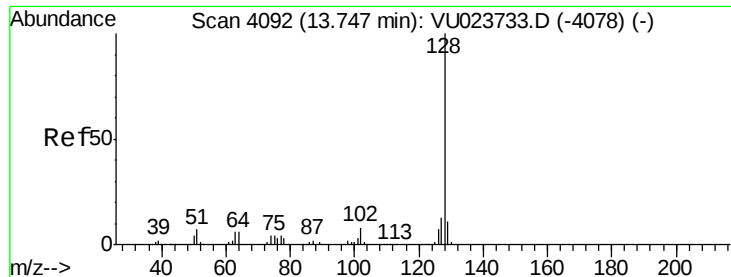


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

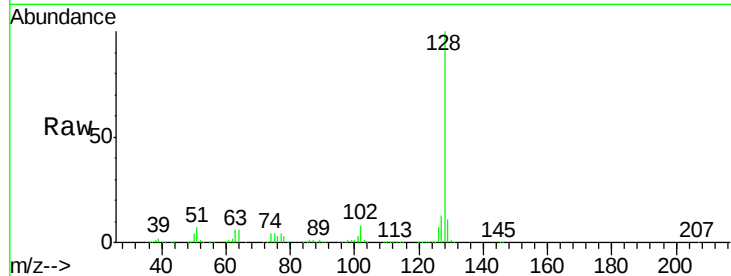




#69
Naphthalene
Concen: 78.46 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023752.D
Acq: 08 May 2018 22:14

Tgt Ion:128 Resp: 1036873

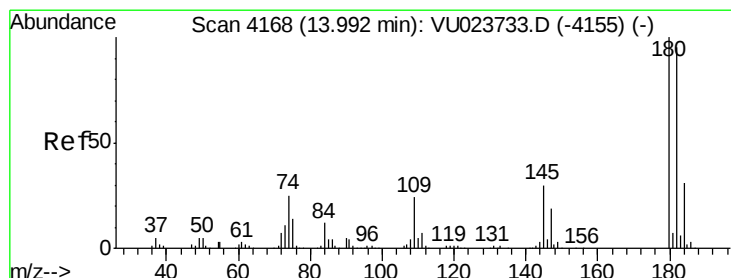
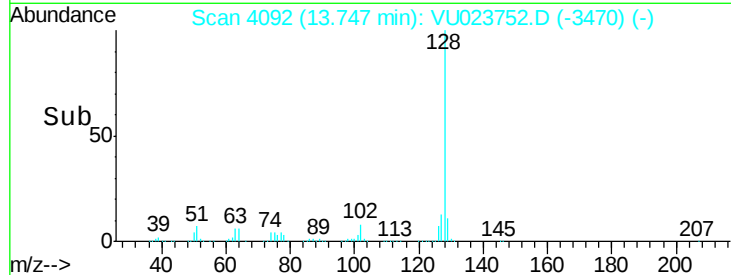
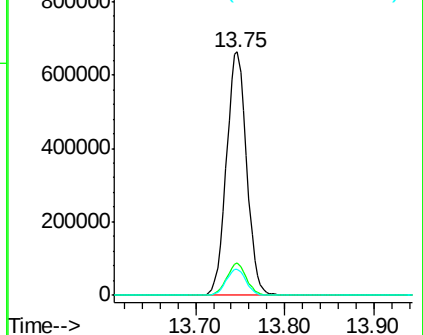
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.7	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

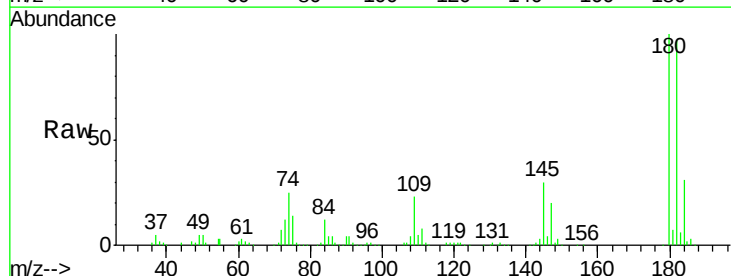
Ion 129.00 (128.70 to 129.70): V



#70
1,2,3-Trichlorobenzene
Concen: 50.73 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU023752.D
Acq: 08 May 2018 22:14

Tgt Ion:180 Resp: 243968

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.8	113.6
145	29.9	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

