

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050918\
 Data File : VU023754.D
 Acq On : 09 May 2018 11:21
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 10 01:24:07 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	338221	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	327317	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	177957	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109513	41.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.80%
7) Chloroethane-d5	1.66	69	85759	43.41	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.82%
11) 1,1-Dichloroethene-d2	2.27	63	213696	43.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.18%
21) 2-Butanone-d5	4.18	46	201017	103.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.25%
24) Chloroform-d	4.65	84	211243	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	5.31	65	138119	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
32) Benzene-d6	5.34	84	435574	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
36) 1,2-Dichloropropane-d6	6.33	67	146222	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.36%
41) Toluene-d8	7.57	98	409245	47.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.06%
43) trans-1,3-Dichloropropene-	7.85	79	65243	49.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.34%
47) 2-Hexanone-d5	8.31	63	145295	106.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.04%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	210475	50.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	174857	47.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.88%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	137852	43.67	ug/L	99
3) Chloromethane	1.33	50	108147	37.86	ug/L	99
5) Vinyl chloride	1.40	62	140956	43.38	ug/L	96
6) Bromomethane	1.61	94	61114	50.33	ug/L	97
8) Chloroethane	1.69	64	85944	44.02	ug/L	95
9) Trichlorofluoromethane	1.88	101	173889	44.94	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	113361	45.05	ug/L	99
12) 1,1-Dichloroethene	2.28	96	102113	43.70	ug/L	91
13) Acetone	2.32	43	214064	99.67	ug/L	100
14) Carbon disulfide	2.47	76	333271	44.21	ug/L	99
15) Methyl Acetate	2.62	43	161024	48.22	ug/L	100
16) Methylene chloride	2.70	84	134414	46.94	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	115765	45.09	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	390058	48.70	ug/L	100
19) 1,1-Dichloroethane	3.45	63	233938	46.54	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	135592	46.61	ug/L	99
22) 2-Butanone	4.26	43	265602	102.37	ug/L	100

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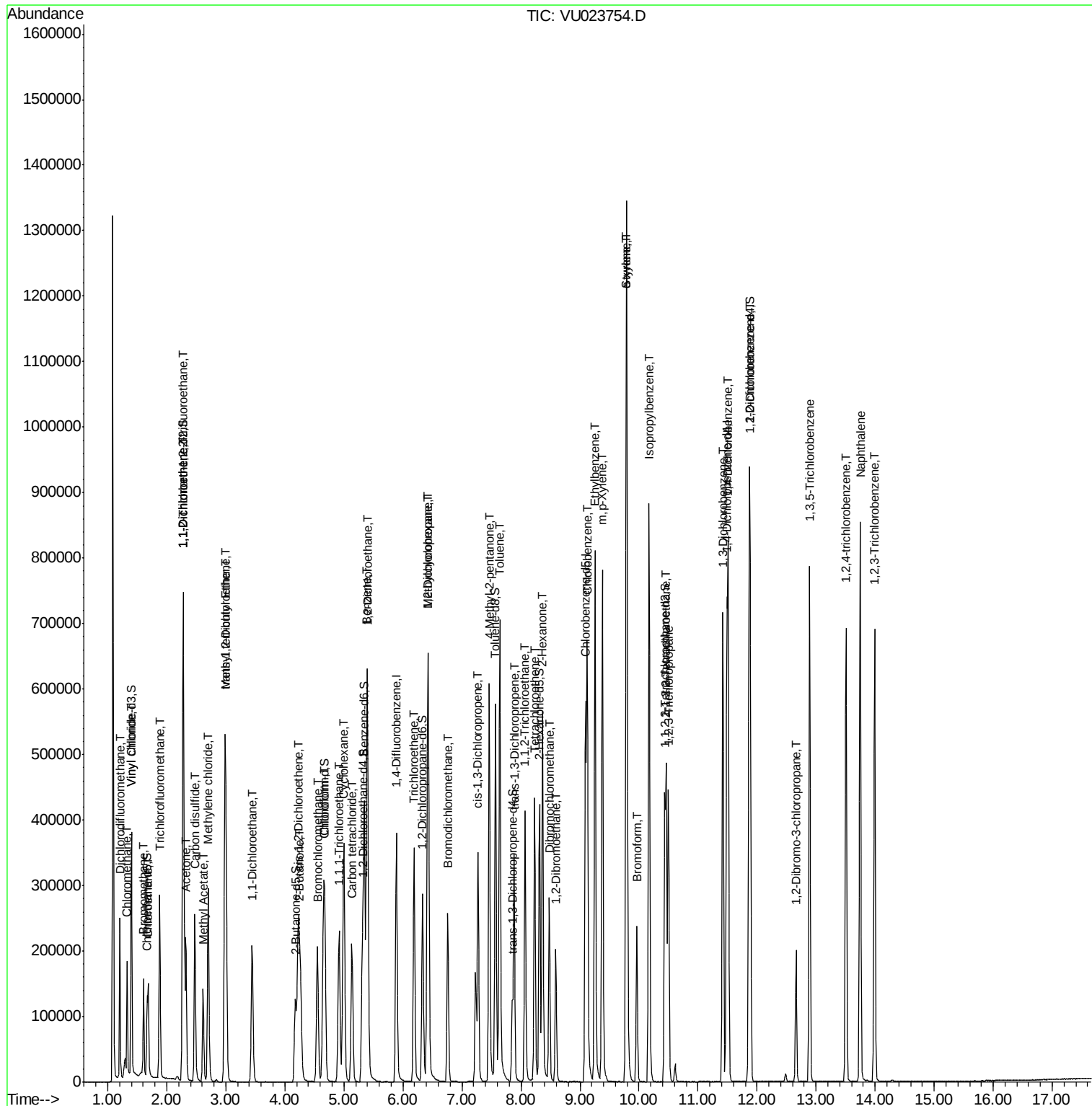
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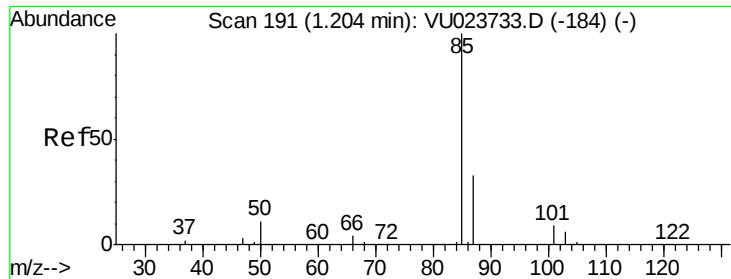
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	70585	48.88	ug/L	96
25) Chloroform	4.68	83	230995	46.28	ug/L	100
27) 1,2-Dichloroethane	5.41	62	183420	47.69	ug/L	98
29) Cyclohexane	5.00	56	204357	45.44	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	179464	45.08	ug/L	98
31) Carbon tetrachloride	5.14	117	155435	45.31	ug/L	98
33) Benzene	5.39	78	512200	46.44	ug/L	100
34) Trichloroethene	6.19	95	127399	45.25	ug/L	98
35) Methylcyclohexane	6.42	83	196588	45.32	ug/L	99
37) 1,2-Dichloropropane	6.44	63	147715	47.18	ug/L	99
38) Bromodichloromethane	6.76	83	172044	47.27	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	212823	48.47	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	428820	100.69	ug/L	100
42) Toluene	7.64	91	538768	46.75	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	193276	49.13	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	132762	48.52	ug/L	99
46) Tetrachloroethene	8.23	164	106994	45.91	ug/L	98
48) 2-Hexanone	8.36	43	362002	103.34	ug/L	98
49) Dibromochloromethane	8.48	129	144103	49.62	ug/L	98
50) 1,2-Dibromoethane	8.59	107	136692	48.51	ug/L	100
51) Chlorobenzene	9.12	112	362421	46.90	ug/L	99
52) Ethylbenzene	9.25	91	599966	47.28	ug/L	100
53) m,p-Xylene	9.38	106	233378	48.40	ug/L	99
54) o-xylene	9.78	106	228727	48.62	ug/L	96
55) Styrene	9.80	104	402768	50.01	ug/L	99
56) Isopropylbenzene	10.17	105	587964	47.66	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	236676	49.91	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	187741	49.77	ug/L	99
61) Bromoform	9.96	173	109798	48.10	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	299291	47.00	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	309959	46.90	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	307155	47.28	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	49705	48.80	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	248424	47.38	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	220951	49.72	ug/L	100
69) Naphthalene	13.75	128	660972	52.29	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	225746	49.08	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 43.67 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023754.D

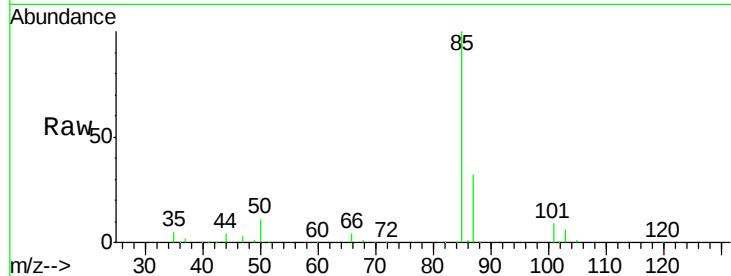
Acq: 09 May 2018 11:21

Tgt Ion: 85 Resp: 137852

Ion Ratio Lower Upper

85 100

87 32.0 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

150000

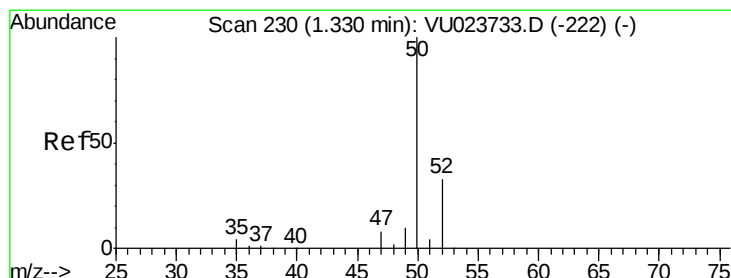
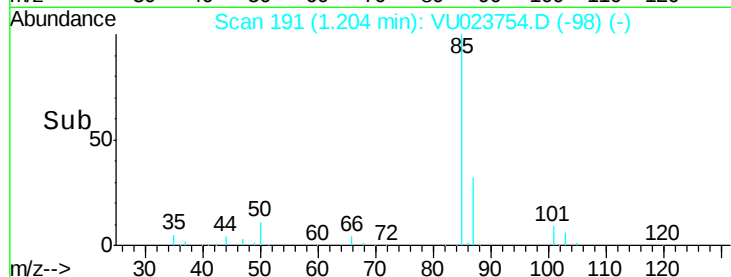
100000

50000

0

1.15 1.20 1.25

Time-->



#3

Chloromethane

Concen: 37.86 ug/L

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU023754.D

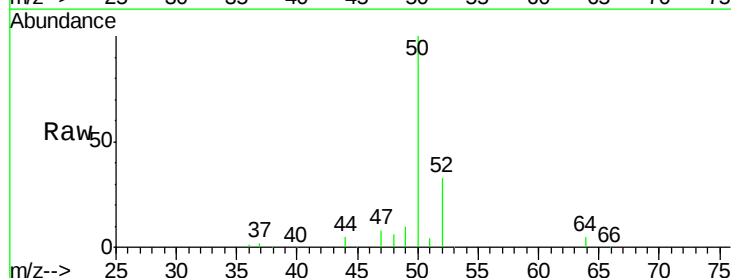
Acq: 09 May 2018 11:21

Tgt Ion: 50 Resp: 108147

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

120000

100000

80000

60000

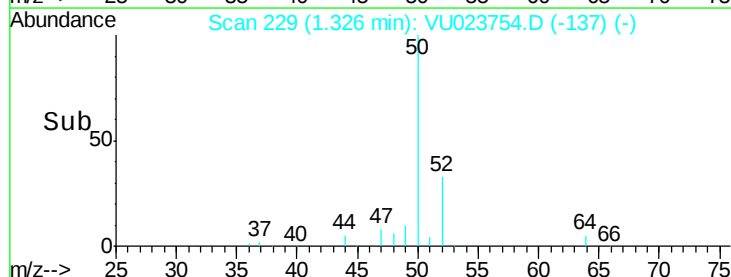
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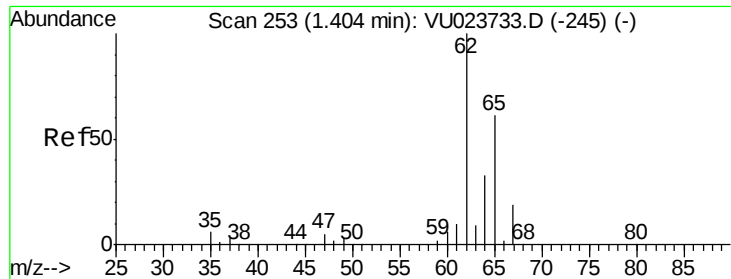
20000

0

1.30 1.35 1.40

Time-->





#5

Vinyl chloride

Concen: 43.38 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU023754.D

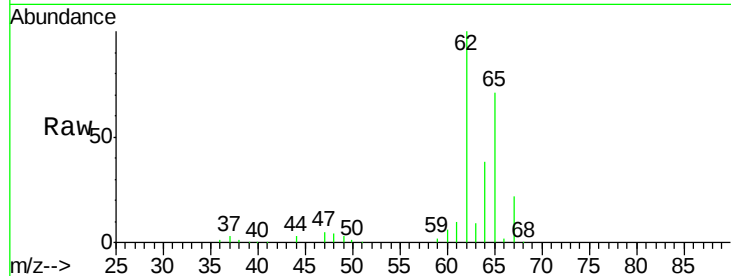
Acq: 09 May 2018 11:21

Tgt Ion: 62 Resp: 140956

Ion Ratio Lower Upper

62 100

64 38.3 25.2 46.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

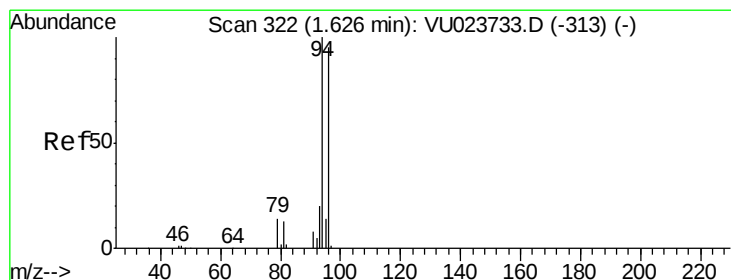
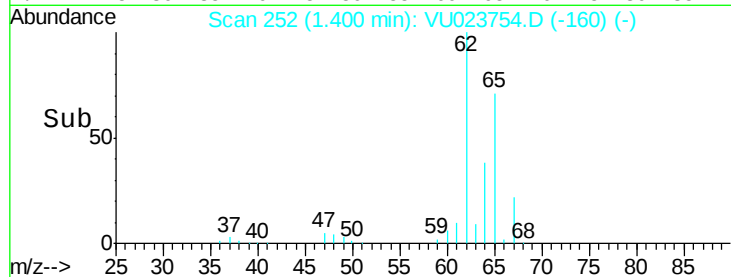
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 50.33 ug/L

RT: 1.61 min Scan# 316

Delta R.T. -0.02 min

Lab File: VU023754.D

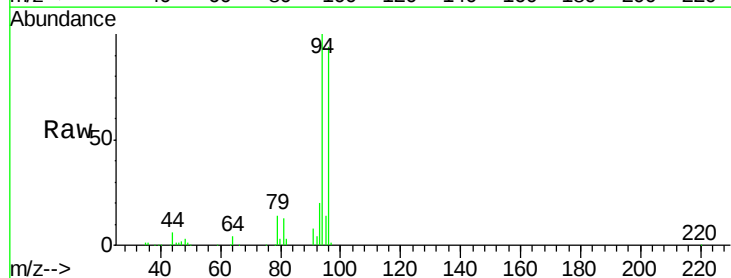
Acq: 09 May 2018 11:21

Tgt Ion: 94 Resp: 61114

Ion Ratio Lower Upper

94 100

96 93.6 63.3 117.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.61

60000

50000

40000

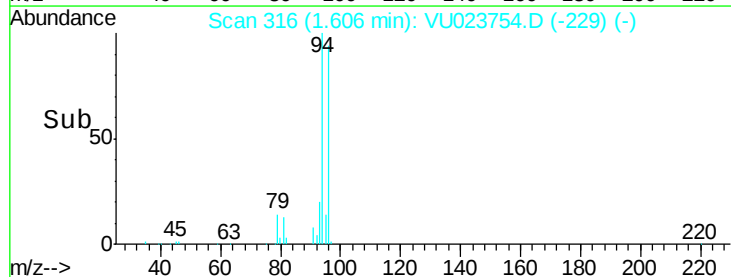
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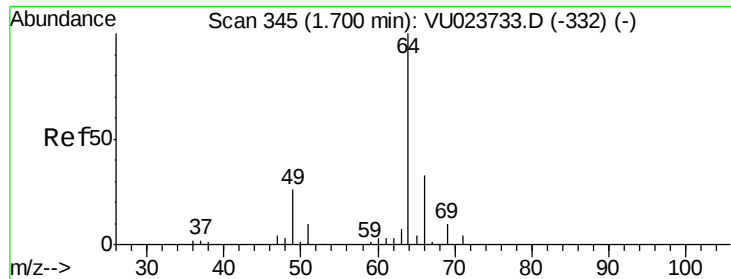
20000

10000

0

Time-->





#8

Chloroethane

Concen: 44.02 ug/L

RT: 1.69 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU023754.D

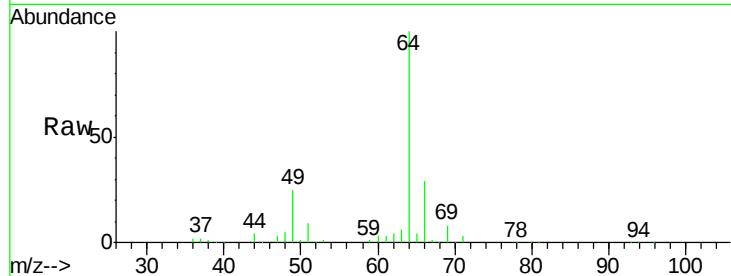
Acq: 09 May 2018 11:21

Tgt Ion: 64 Resp: 85944

Ion Ratio Lower Upper

64 100

66 29.5 22.5 41.9



Abundance Ion 64.00 (63.70 to 64.70): VU023733.D (-332) (-)

Ion 66.00 (65.70 to 66.70): VU023733.D (-332) (-)

1.69

60000

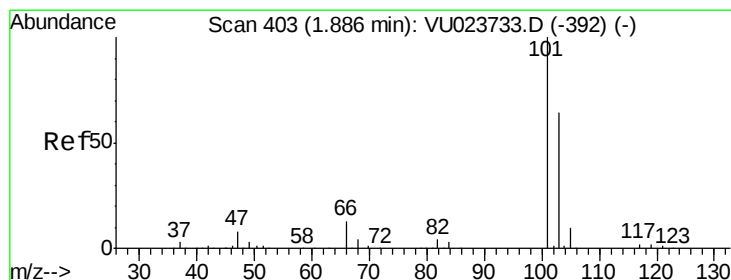
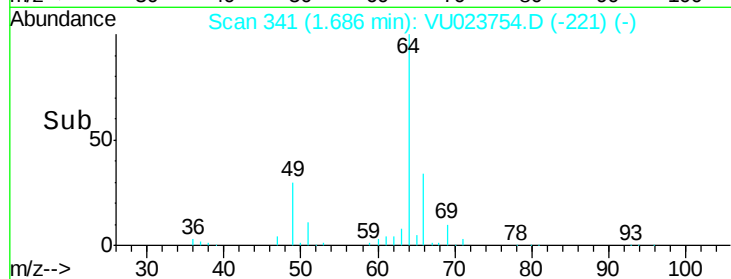
40000

20000

0

1.65 1.70 1.75

Time-->



#9

Trichlorofluoromethane

Concen: 44.94 ug/L

RT: 1.88 min Scan# 401

Delta R.T. -0.01 min

Lab File: VU023754.D

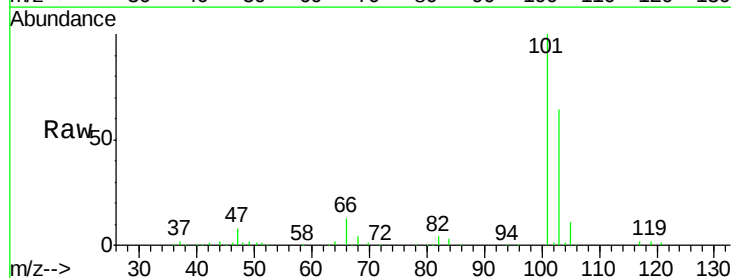
Acq: 09 May 2018 11:21

Tgt Ion: 101 Resp: 173889

Ion Ratio Lower Upper

101 100

103 64.2 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): VU023733.D (-392) (-)

Ion 103.00 (102.70 to 103.70): VU023733.D (-392) (-)

1.88

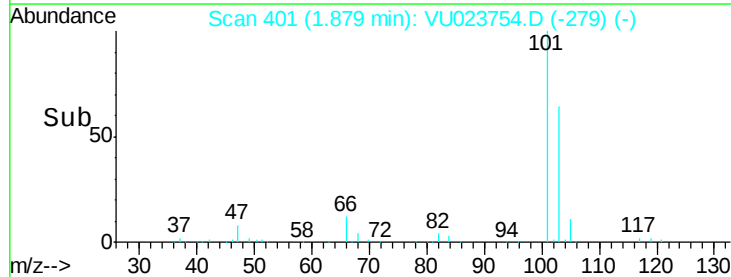
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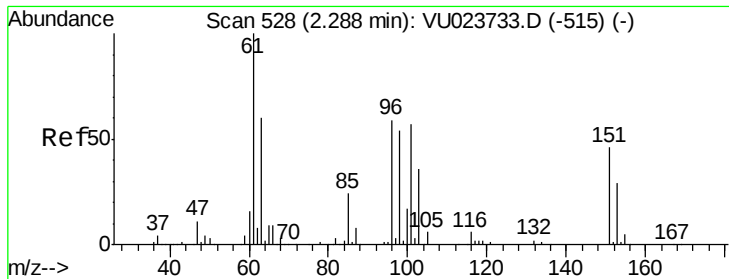
50000

0

1.80 1.85 1.90 1.95

Time-->





#10

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

Concen: 45.05 ug/L

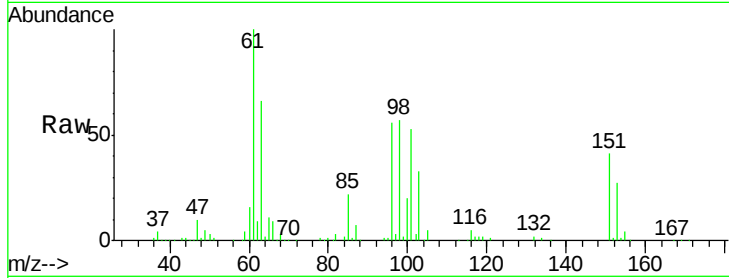
RT: 2.28 min Scan# 526

Delta R.T. -0.01 min

Lab File: VU023754.D

Acq: 09 May 2018 11:21

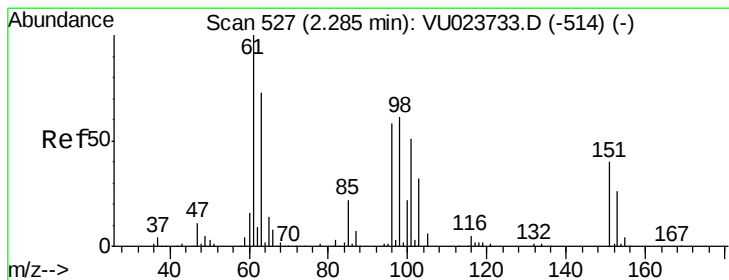
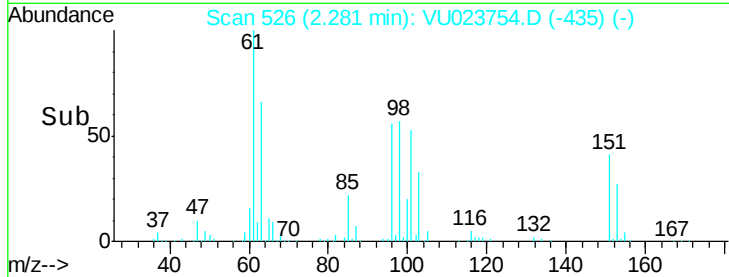
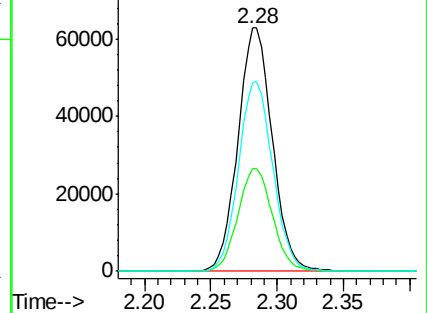
Tgt Ion:	101	Resp:	113361
Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.9	50.9
151	77.8	63.0	94.4



Abundance Ion 101.00 (100.70 to 101.70): VU023733.D (-515) (-)

Ion 85.00 (84.70 to 85.70): VU023733.D (-515) (-)

Ion 151.00 (150.70 to 151.70): VU023733.D (-515) (-)



#12

1,1-Dichloroethene

Concen: 43.70 ug/L

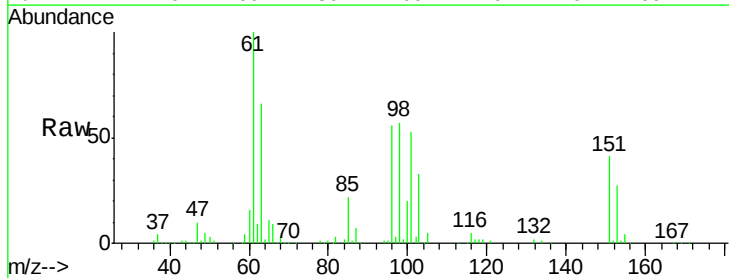
RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU023754.D

Acq: 09 May 2018 11:21

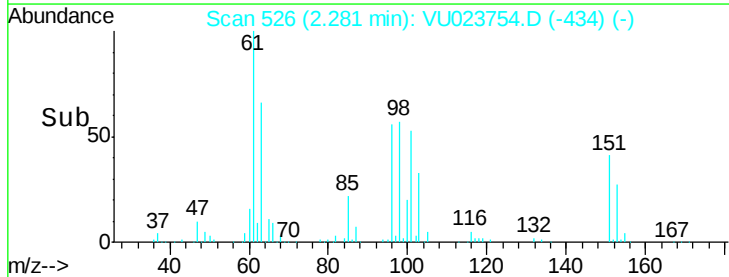
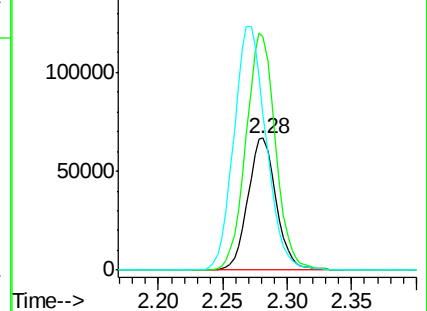
Tgt Ion:	96	Resp:	102113
Ion	Ratio	Lower	Upper
96	100		
61	177.2	126.4	234.8
63	117.7	97.3	180.7

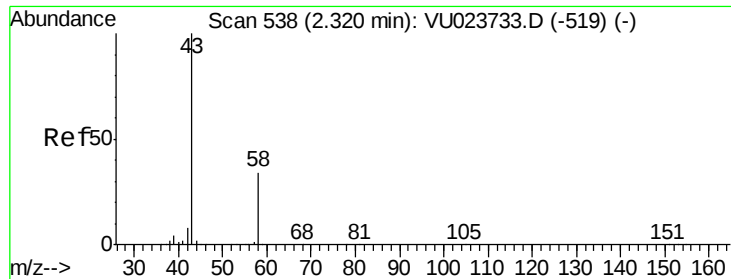


Abundance Ion 96.00 (95.70 to 96.70): VU023733.D (-514) (-)

Ion 61.00 (60.70 to 61.70): VU023733.D (-514) (-)

Ion 63.00 (62.70 to 63.70): VU023733.D (-514) (-)





#13

Acetone

Concen: 99.67 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU023754.D

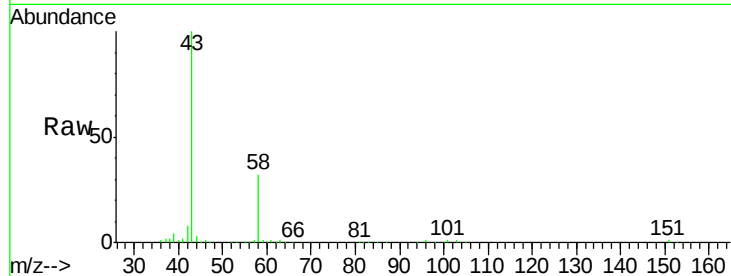
Acq: 09 May 2018 11:21

Tgt Ion: 43 Resp: 214064

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU023733.D (-519) (-)

Ion 58.00 (57.70 to 58.70): VU023733.D (-519) (-)

2.32

150000

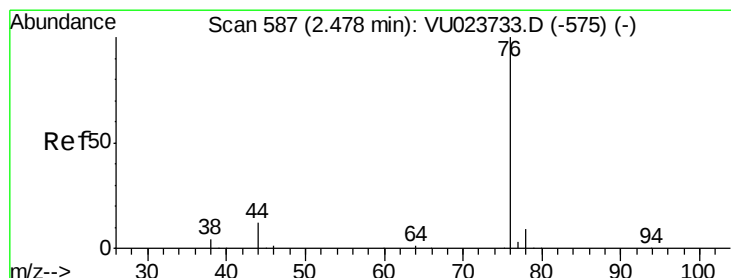
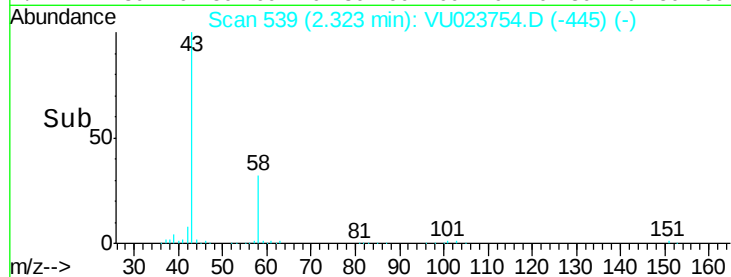
100000

50000

0

Time-->

2.25 2.30 2.35 2.40



#14

Carbon disulfide

Concen: 44.21 ug/L

RT: 2.47 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU023754.D

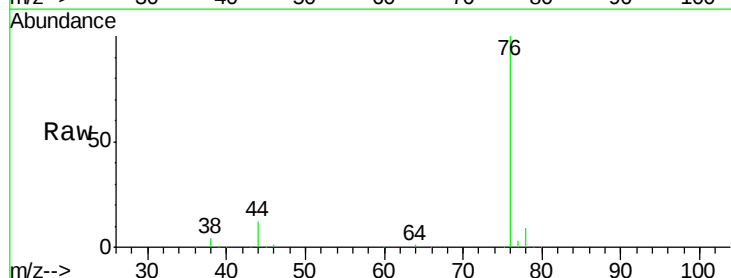
Acq: 09 May 2018 11:21

Tgt Ion: 76 Resp: 333271

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VU023733.D (-575) (-)

Ion 78.00 (77.70 to 78.70): VU023733.D (-575) (-)

2.47

200000

150000

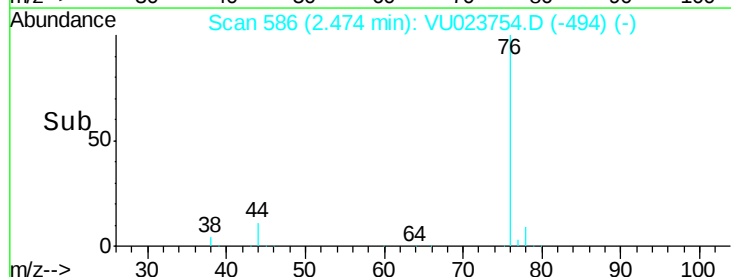
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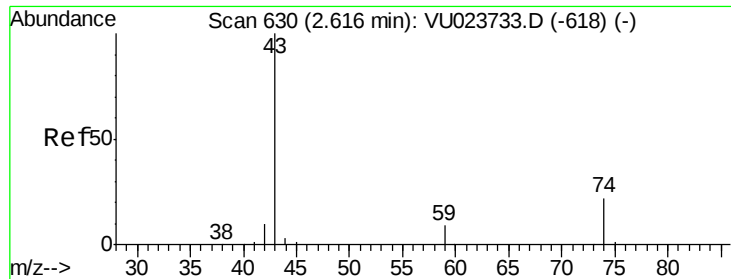
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Time-->

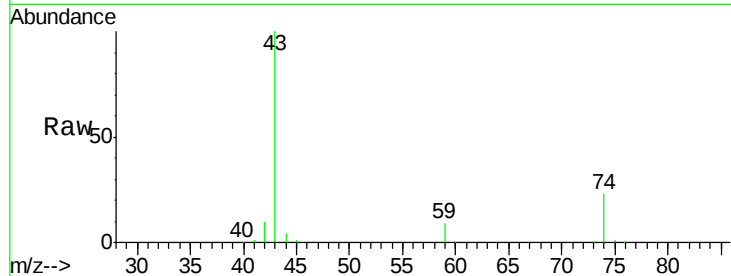
2.40 2.50 2.60



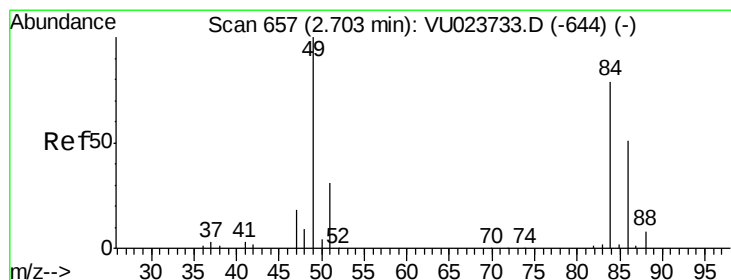
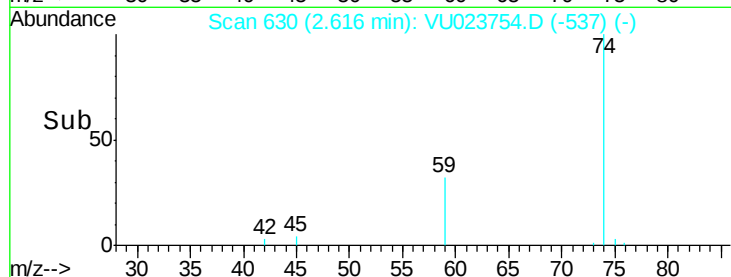
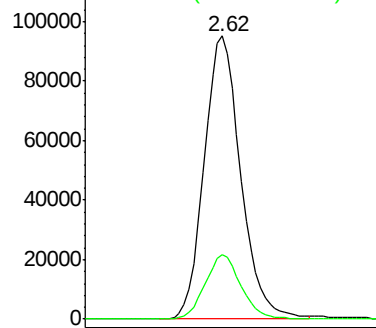


#15
Methyl Acetate
Concen: 48.22 ug/L
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU023754.D
Acq: 09 May 2018 11:21

Tgt Ion: 43 Resp: 161024
Ion Ratio Lower Upper
43 100
74 22.6 18.0 27.0

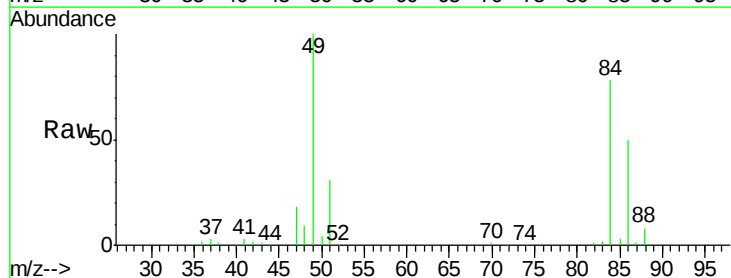


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

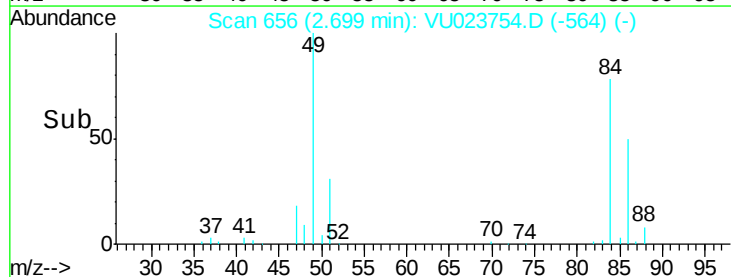
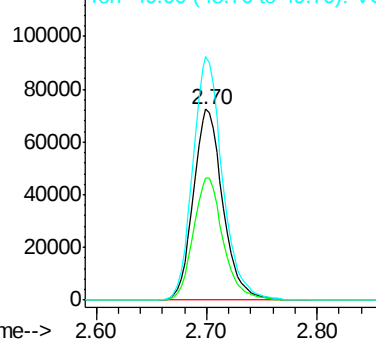


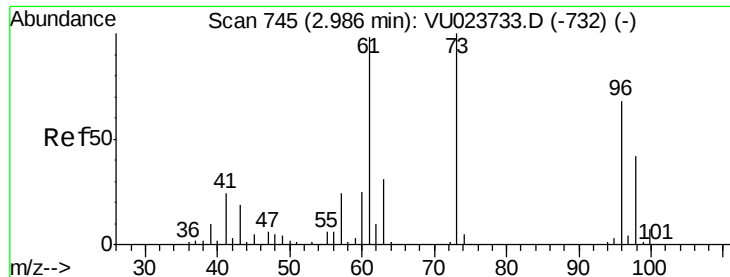
#16
Methylene chloride
Concen: 46.94 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU023754.D
Acq: 09 May 2018 11:21

Tgt Ion: 84 Resp: 134414
Ion Ratio Lower Upper
84 100
86 63.8 45.8 85.2
49 127.4 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: 45.09 ug/L

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU023754.D

Acq: 09 May 2018 11:21

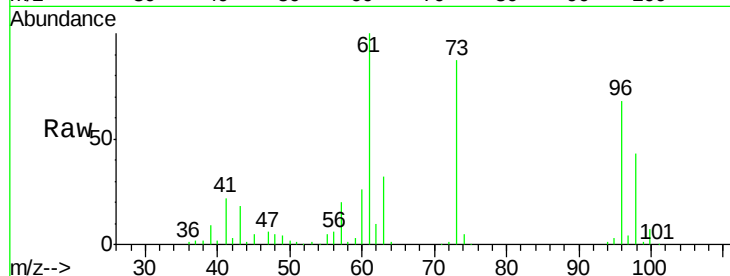
Tgt Ion: 96 Resp: 115765

Ion Ratio Lower Upper

96 100

61 146.9 103.7 192.7

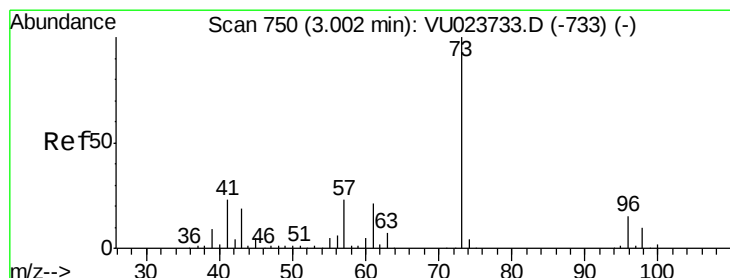
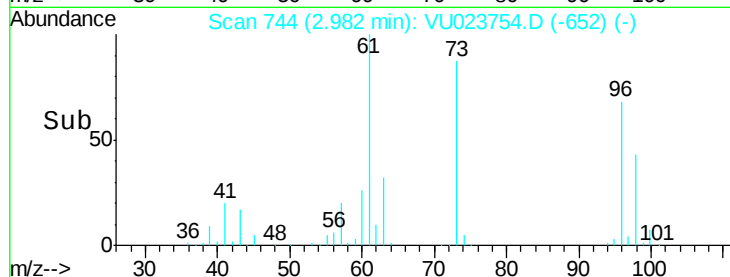
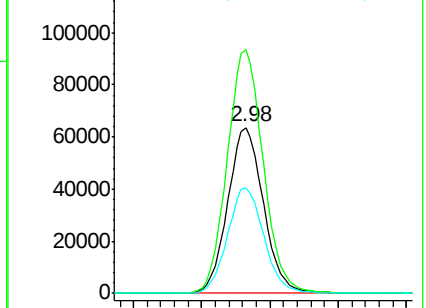
98 63.8 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VU023733.D (-732) (-)

Ion 61.00 (60.70 to 61.70): VU023733.D (-732) (-)

Ion 98.00 (97.70 to 98.70): VU023733.D (-732) (-)



#18

Methyl tert-butyl Ether

Concen: 48.70 ug/L

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU023754.D

Acq: 09 May 2018 11:21

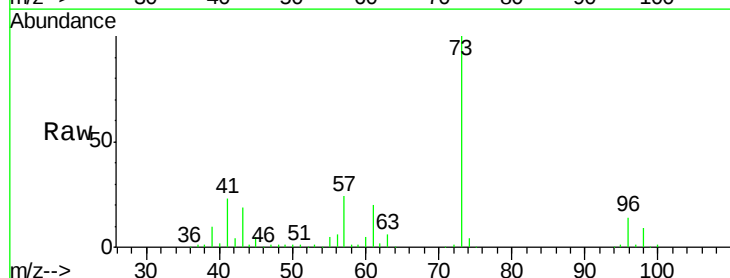
Tgt Ion: 73 Resp: 390058

Ion Ratio Lower Upper

73 100

43 19.4 15.4 23.0

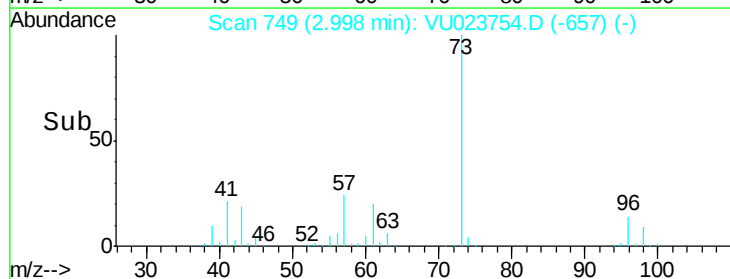
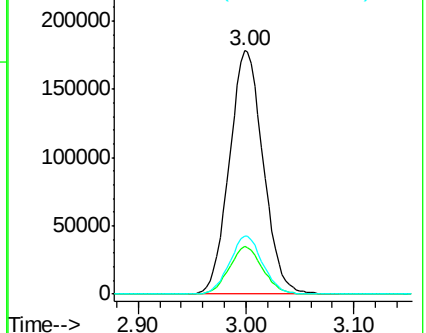
57 23.3 18.6 27.8

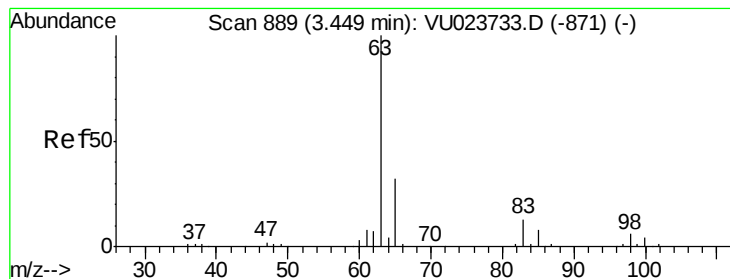


Abundance Ion 73.00 (72.70 to 73.70): VU023733.D (-733) (-)

Ion 43.00 (42.70 to 43.70): VU023733.D (-733) (-)

Ion 57.00 (56.70 to 57.70): VU023733.D (-733) (-)





#19

1,1-Dichloroethane

Concen: 46.54 ug/L

RT: 3.45 min Scan# 888

Delta R.T. -0.00 min

Lab File: VU023754.D

Acq: 09 May 2018 11:21

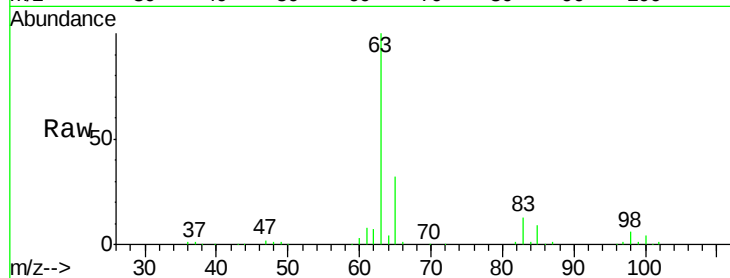
Tgt Ion: 63 Resp: 233938

Ion Ratio Lower Upper

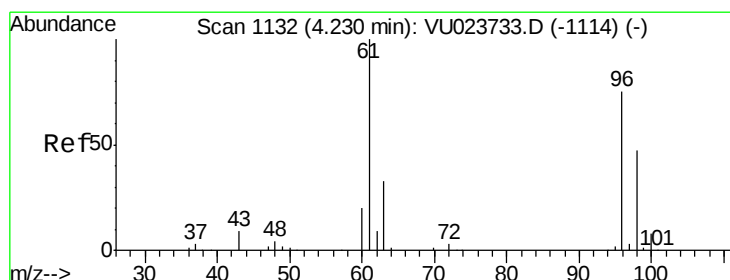
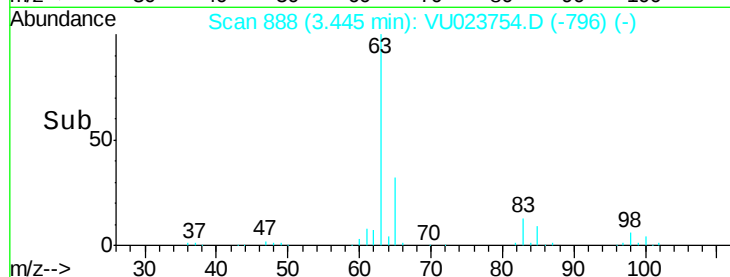
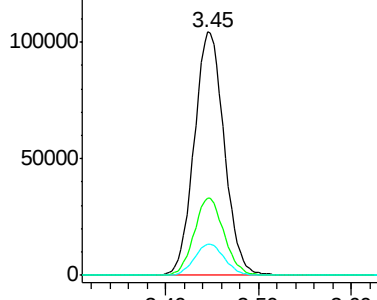
63 100

65 32.0 22.4 41.6

83 12.8 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: 46.61 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023754.D

Acq: 09 May 2018 11:21

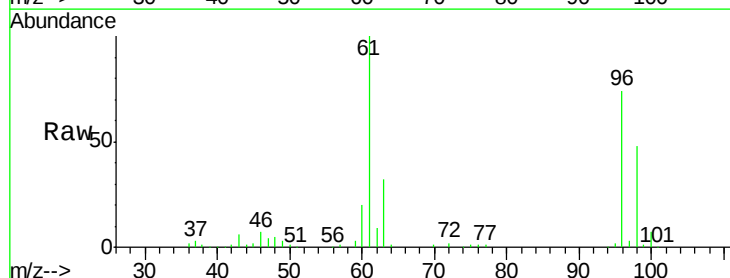
Tgt Ion: 96 Resp: 135592

Ion Ratio Lower Upper

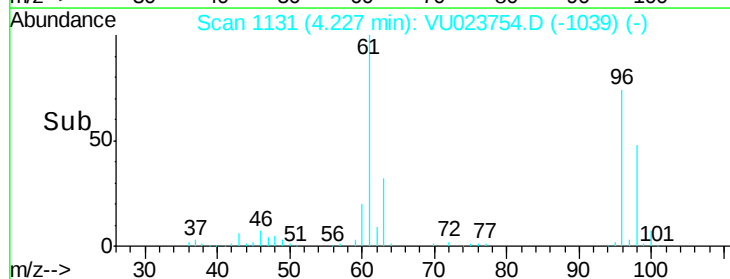
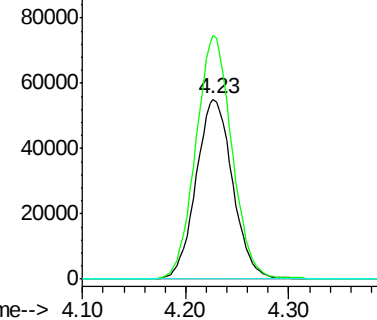
96 100

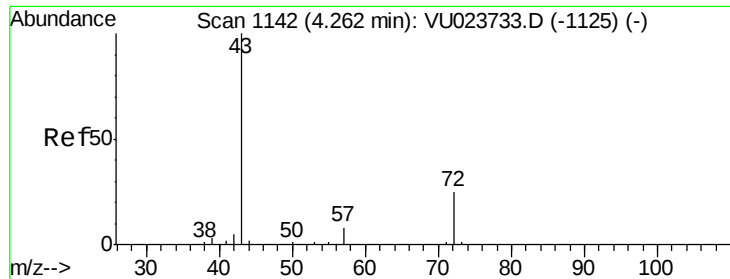
61 135.3 93.9 174.5

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: 102.37 ug/L

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU023754.D

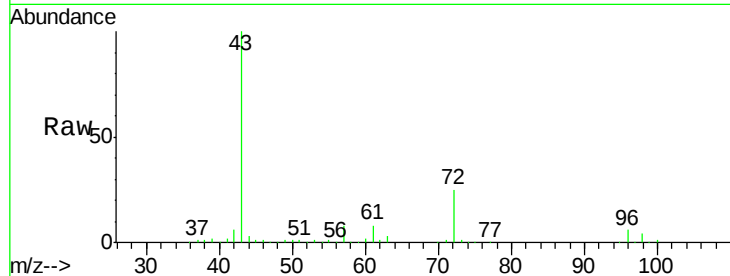
Acq: 09 May 2018 11:21

Tgt Ion: 43 Resp: 265602

Ion Ratio Lower Upper

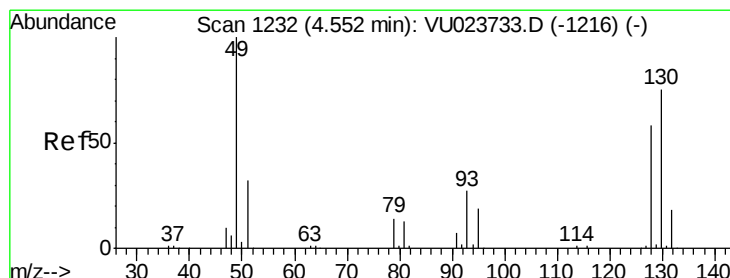
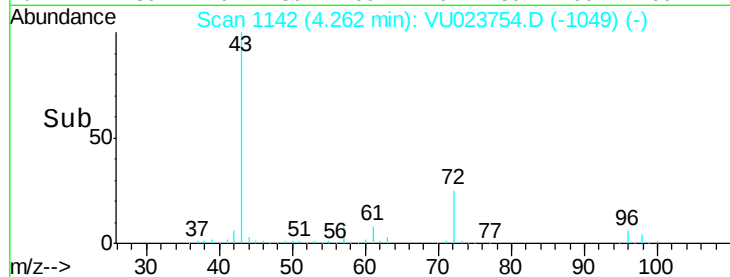
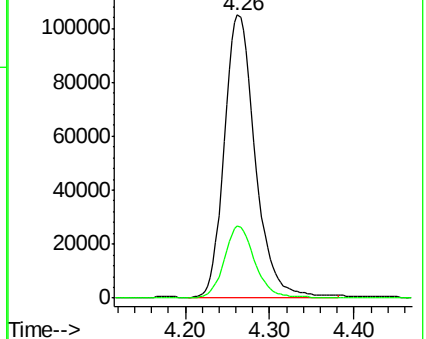
43 100

72 25.3 12.7 38.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#23

Bromochloromethane

Concen: 48.88 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU023754.D

Acq: 09 May 2018 11:21

Tgt Ion: 128 Resp: 70585

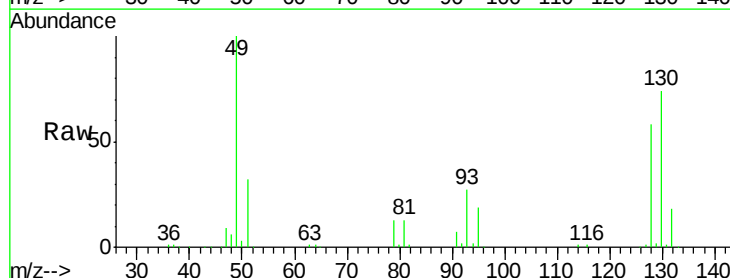
Ion Ratio Lower Upper

128 100

49 172.2 116.1 215.7

130 127.3 86.6 160.8

51 55.4 42.6 63.8

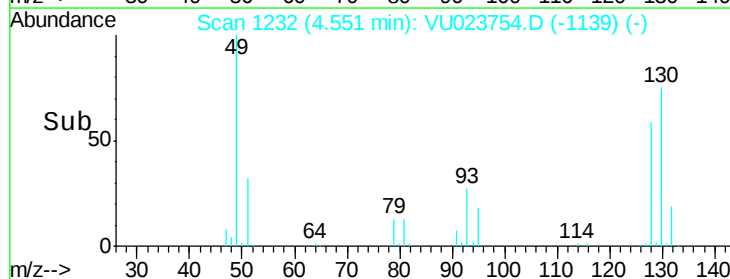
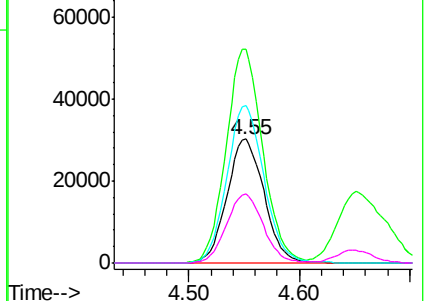


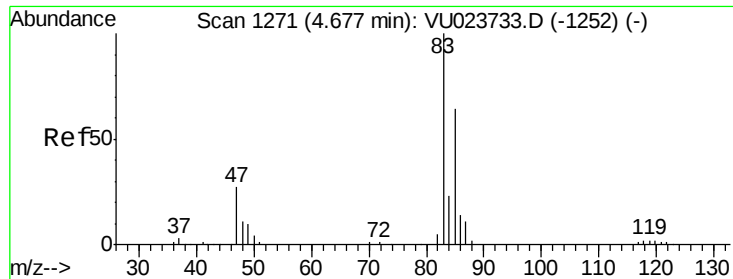
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V

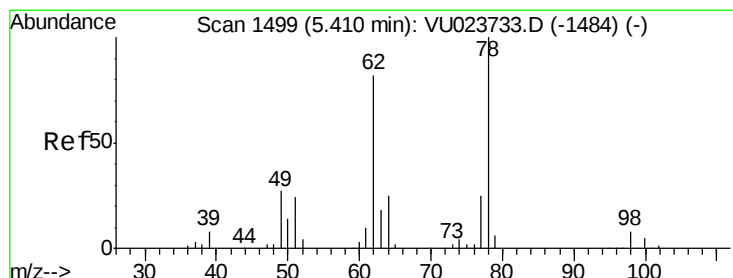
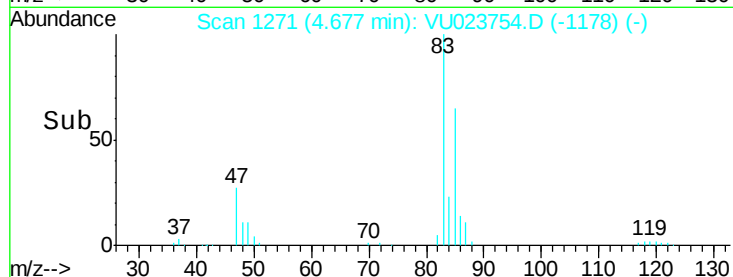
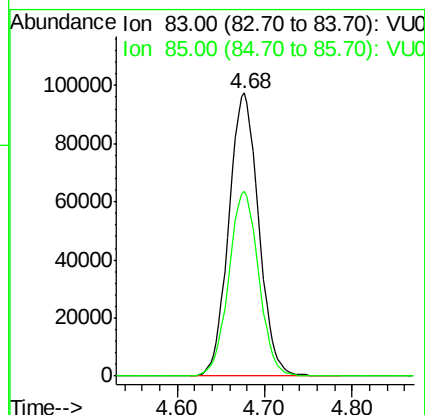
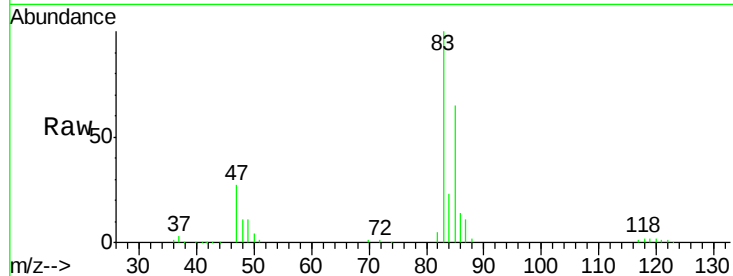
Ion 51.00 (50.70 to 51.70): VU0





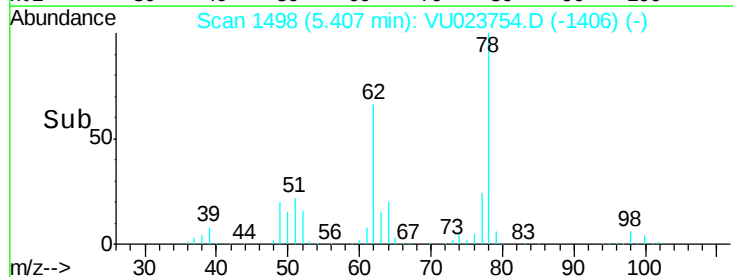
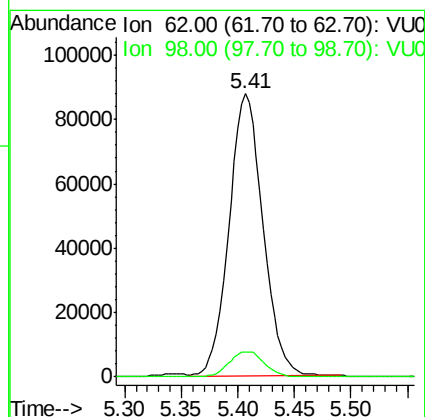
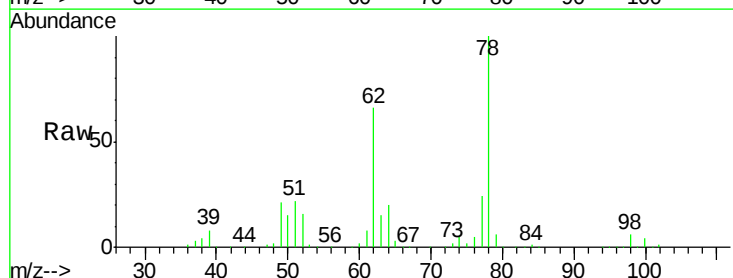
#25
Chloroform
Concen: 46.28 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023754.D
Acq: 09 May 2018 11:21

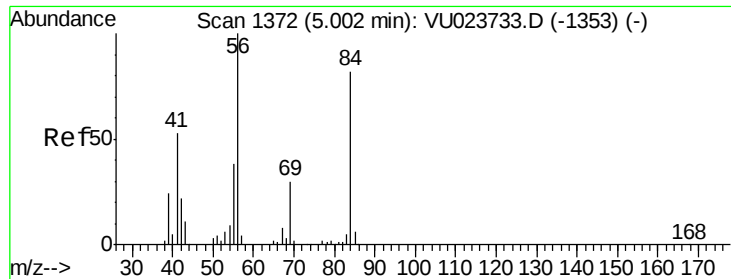
Tgt Ion: 83 Resp: 230995
Ion Ratio Lower Upper
83 100
85 65.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 47.69 ug/L
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU023754.D
Acq: 09 May 2018 11:21

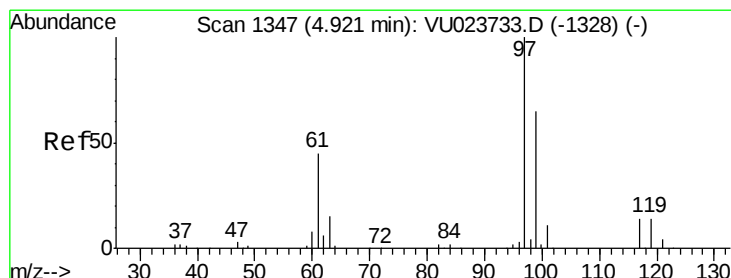
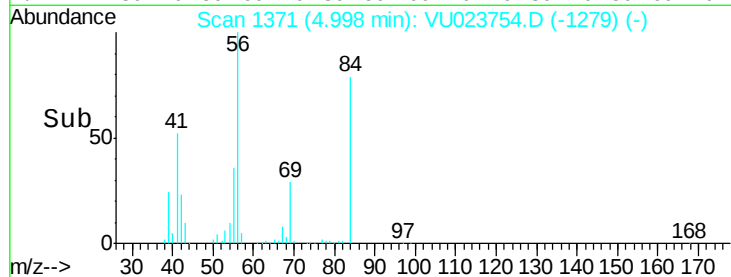
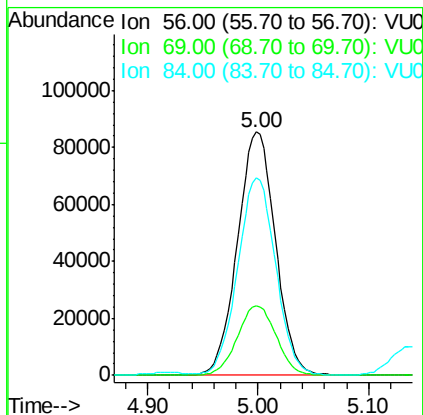
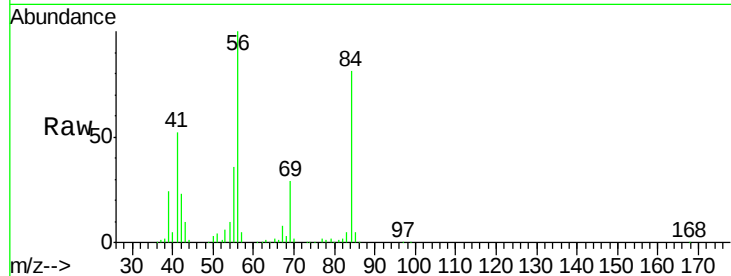
Tgt Ion: 62 Resp: 183420
Ion Ratio Lower Upper
62 100
98 9.0 7.8 11.8





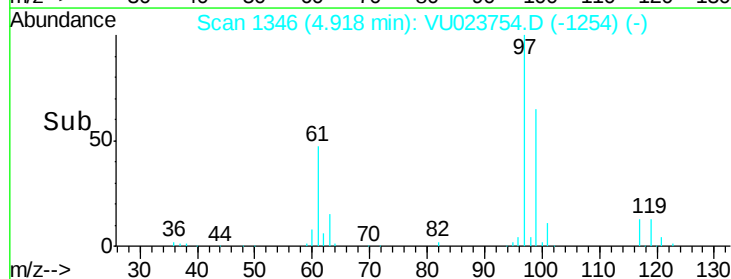
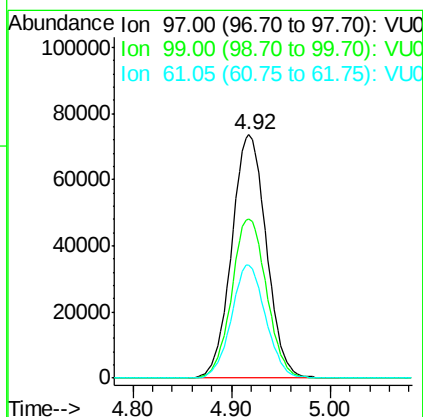
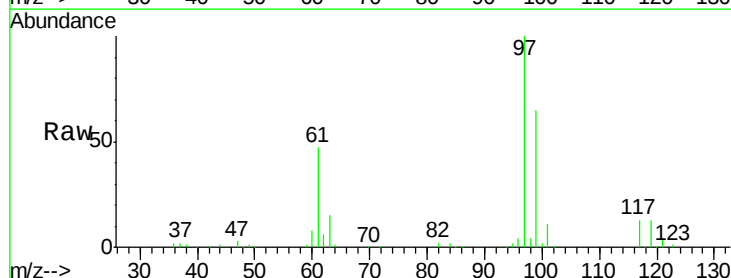
#29
Cyclohexane
Concen: 45.44 ug/L
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU023754.D
Acq: 09 May 2018 11:21

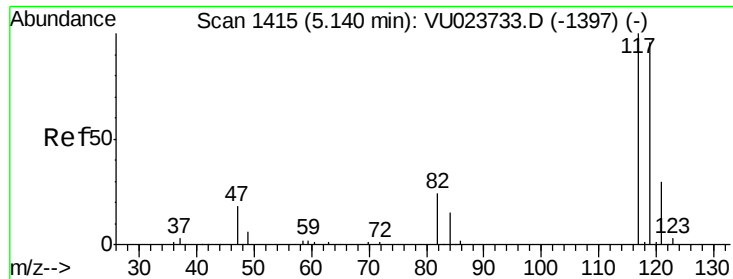
Tgt Ion: 56 Resp: 204357
Ion Ratio Lower Upper
56 100
69 29.2 23.6 35.4
84 81.4 65.8 98.8



#30
1,1,1-Trichloroethane
Concen: 45.08 ug/L
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU023754.D
Acq: 09 May 2018 11:21

Tgt Ion: 97 Resp: 179464
Ion Ratio Lower Upper
97 100
99 65.7 51.3 76.9
61 46.1 36.5 54.7





#31

Carbon tetrachloride

Concen: 45.31 ug/L

RT: 5.14 min Scan# 1414

Delta R.T. -0.00 min

Lab File: VU023754.D

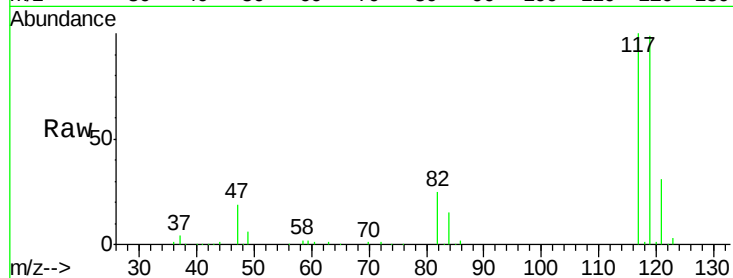
Acq: 09 May 2018 11:21

Tgt Ion: 117 Resp: 155435

Ion Ratio Lower Upper

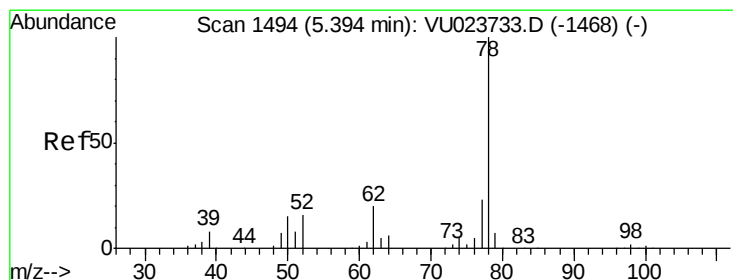
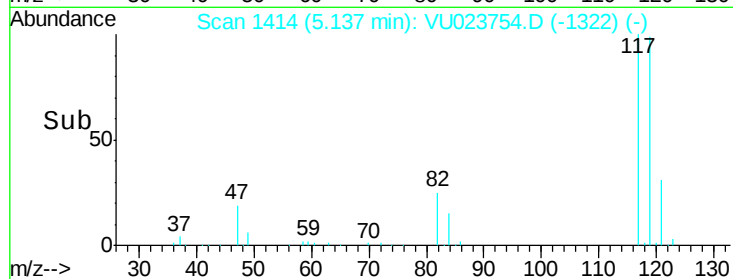
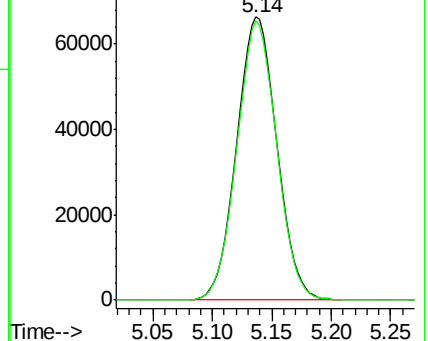
117 100

119 97.6 76.4 114.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 46.44 ug/L

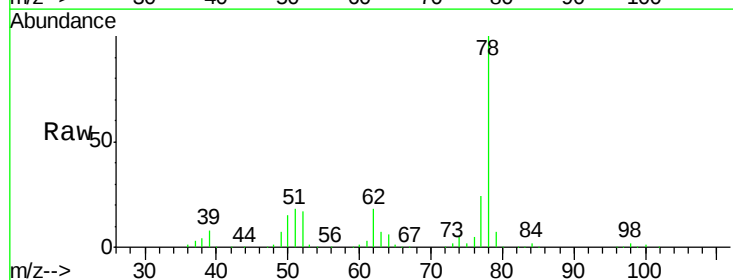
RT: 5.39 min Scan# 1493

Delta R.T. -0.00 min

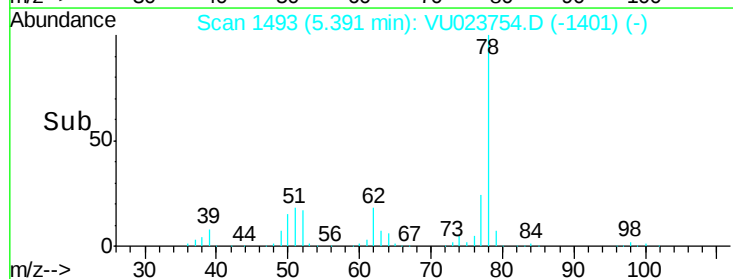
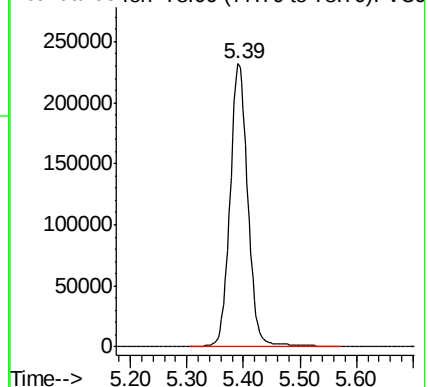
Lab File: VU023754.D

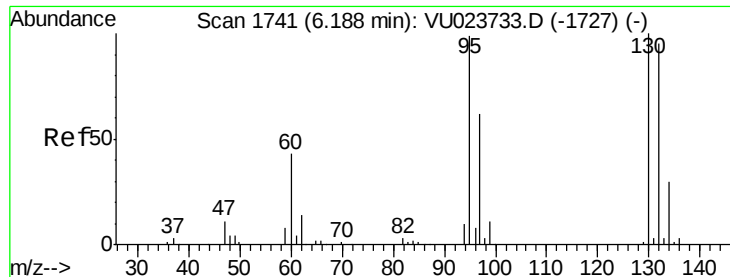
Acq: 09 May 2018 11:21

Tgt Ion: 78 Resp: 512200



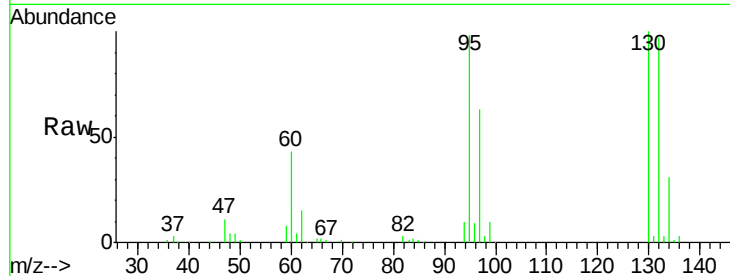
Abundance Ion 78.00 (77.70 to 78.70): VU0



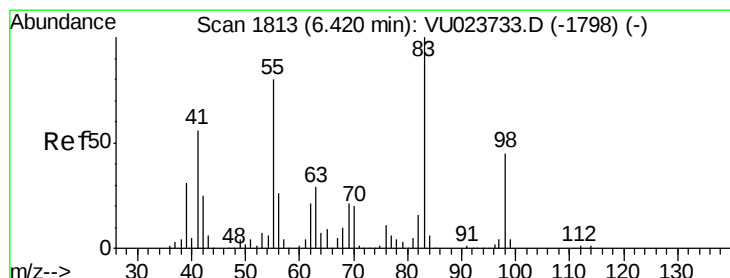
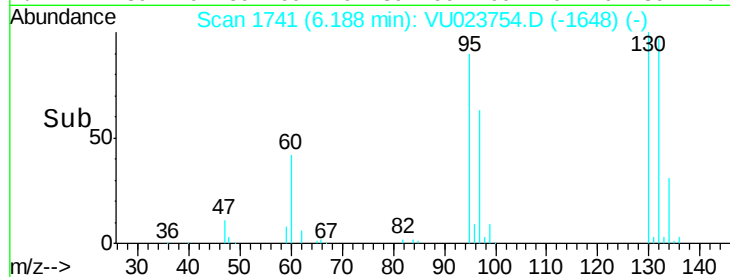
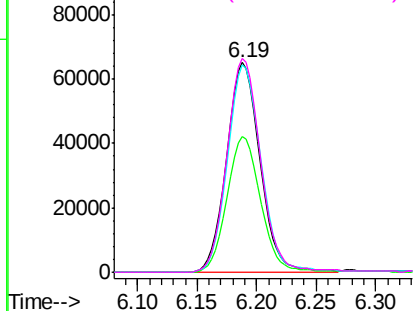


#34
 Trichloroethene
 Concen: 45.25 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023754.D
 Acq: 09 May 2018 11:21

Tgt Ion:	95	Resp:	127399
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.2	82.2
132	98.9	67.8	125.8
130	102.0	69.6	129.2

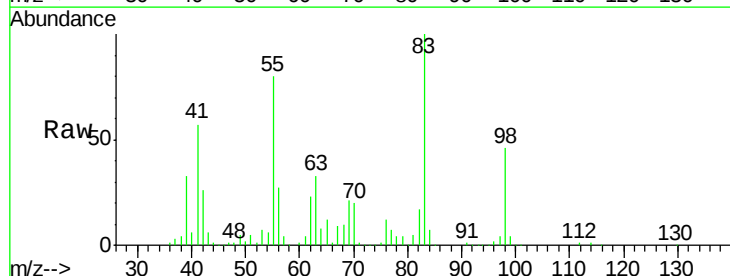


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

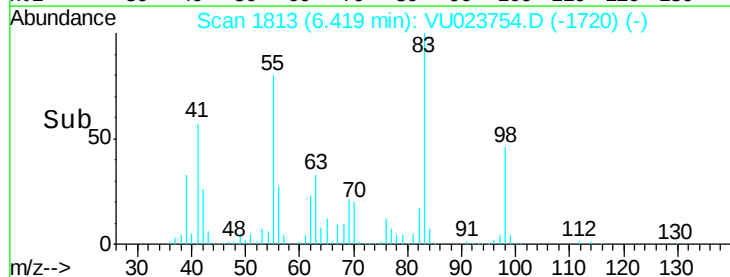
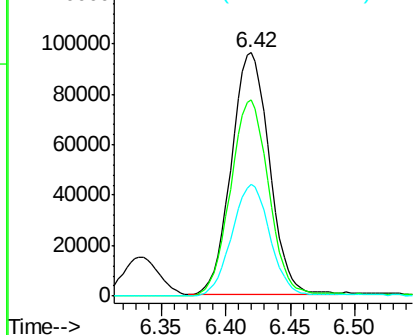


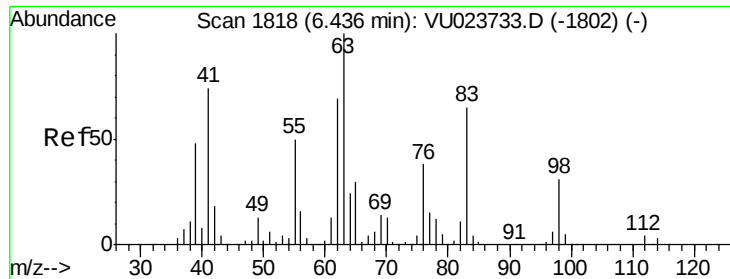
#35
 Methylcyclohexane
 Concen: 45.32 ug/L
 RT: 6.42 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VU023754.D
 Acq: 09 May 2018 11:21

Tgt Ion:	83	Resp:	196588
Ion	Ratio	Lower	Upper
83	100		
55	81.8	64.8	97.2
98	46.5	36.7	55.1



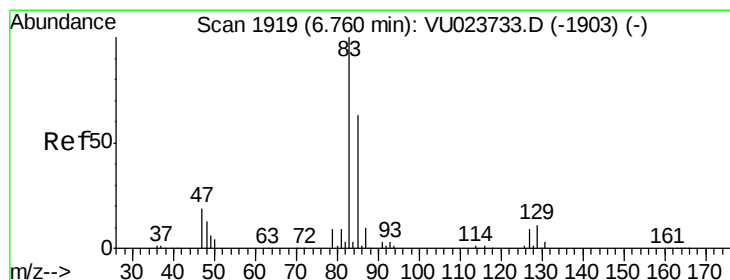
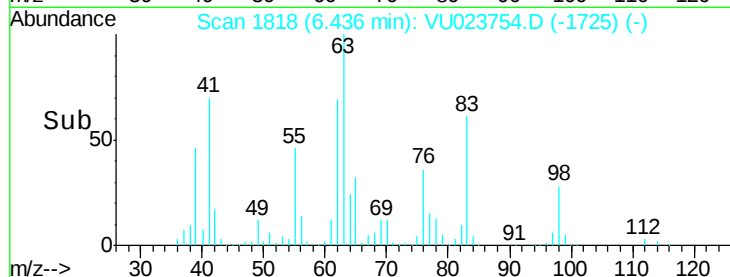
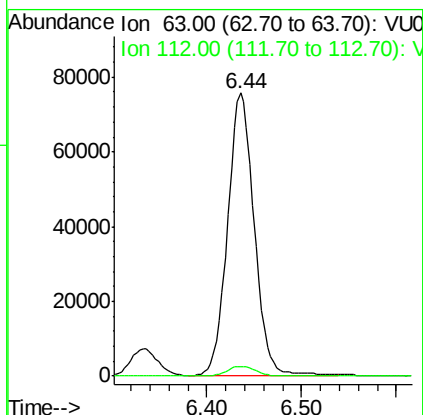
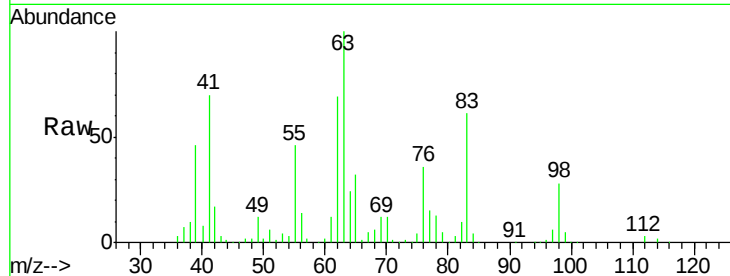
Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





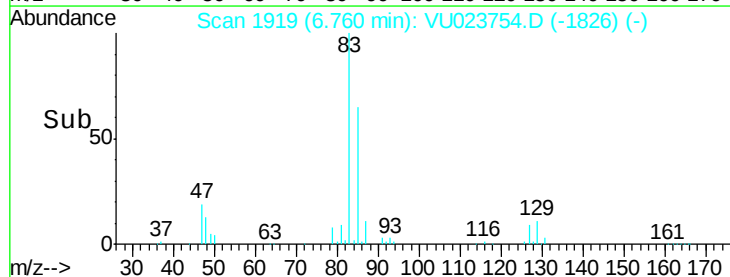
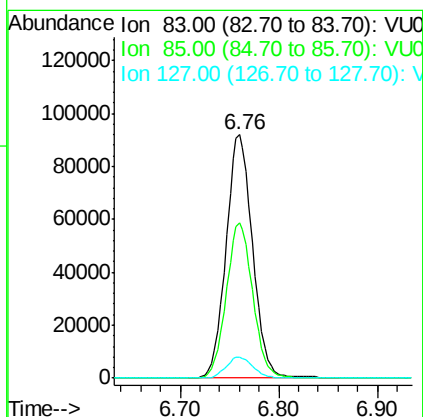
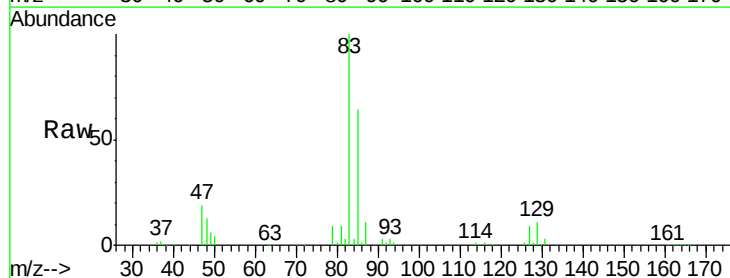
#37
 1,2-Dichloropropane
 Concen: 47.18 ug/L
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU023754.D
 Acq: 09 May 2018 11:21

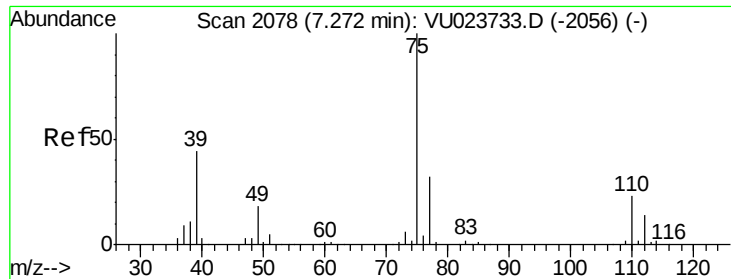
Tgt Ion: 63 Resp: 147715
 Ion Ratio Lower Upper
 63 100
 112 3.8 2.8 4.2



#38
 Bromodichloromethane
 Concen: 47.27 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU023754.D
 Acq: 09 May 2018 11:21

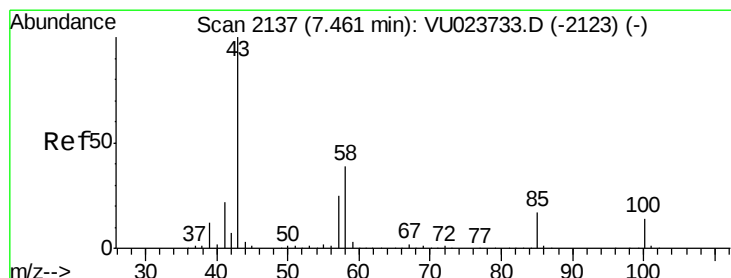
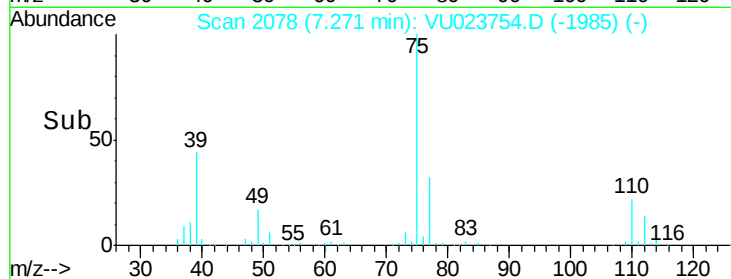
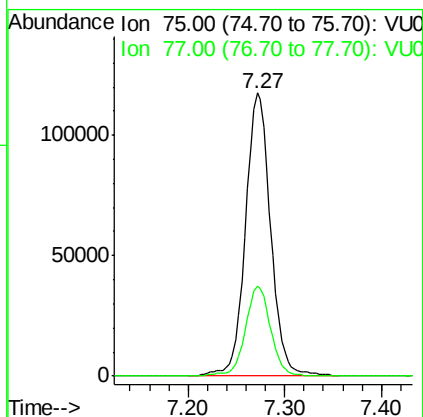
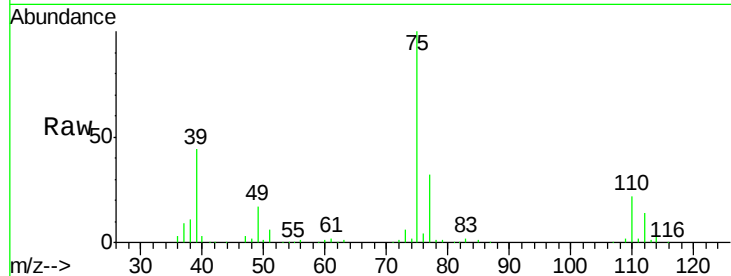
Tgt Ion: 83 Resp: 172044
 Ion Ratio Lower Upper
 83 100
 85 63.7 44.4 82.4
 127 8.6 6.9 10.3





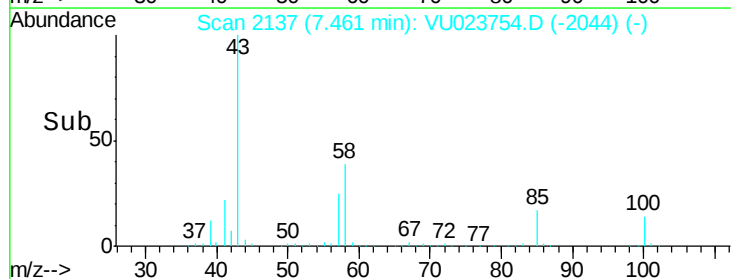
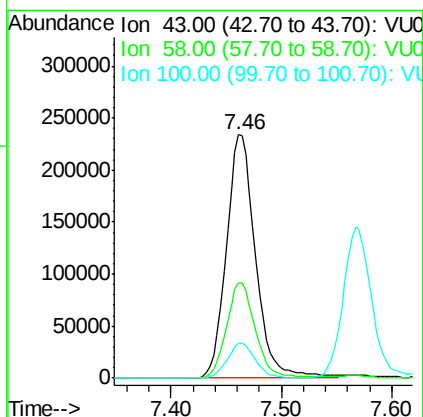
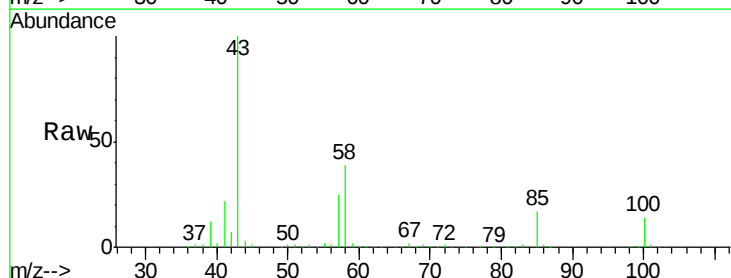
#39
 cis-1,3-Dichloropropene
 Concen: 48.47 ug/L
 RT: 7.27 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VU023754.D
 Acq: 09 May 2018 11:21

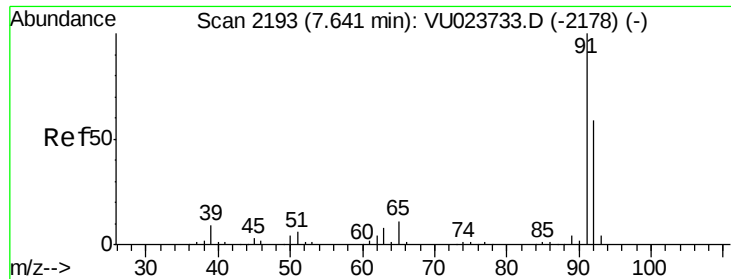
Tgt Ion: 75 Resp: 212823
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 100.69 ug/L
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU023754.D
 Acq: 09 May 2018 11:21

Tgt Ion: 43 Resp: 428820
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.3 46.9
 100 13.9 11.2 16.8





#42

Toluene

Concen: 46.75 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023754.D

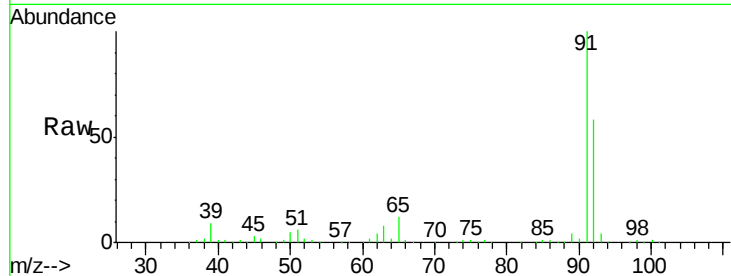
Acq: 09 May 2018 11:21

Tgt Ion: 91 Resp: 538768

Ion Ratio Lower Upper

91 100

92 58.5 40.9 76.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

7.64

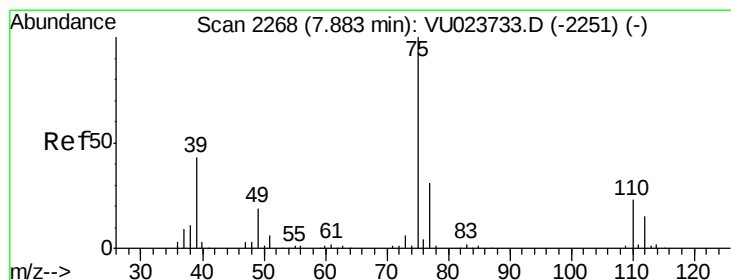
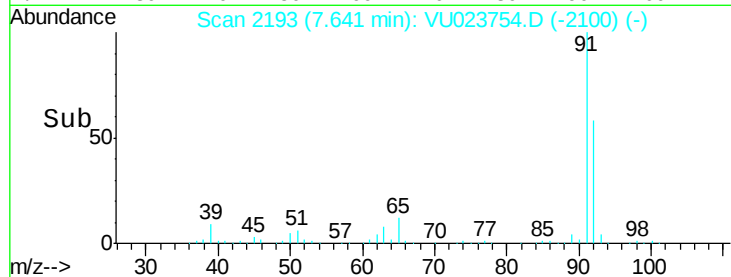
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#44

trans-1,3-Dichloropropene

Concen: 49.13 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU023754.D

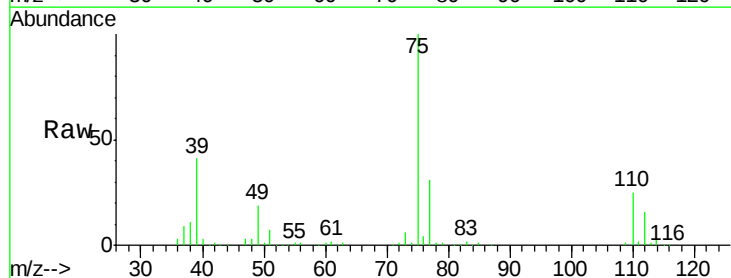
Acq: 09 May 2018 11:21

Tgt Ion: 75 Resp: 193276

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

7.88

120000

100000

80000

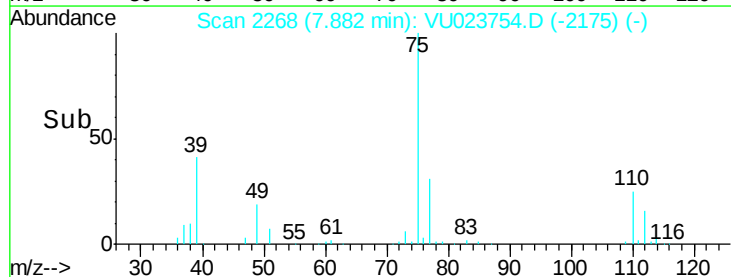
60000

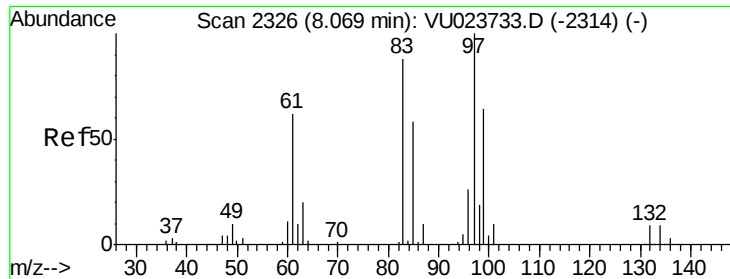
40000

20000

0

Time--> 7.80 7.90 8.00





#45

1,1,2-Trichloroethane

Concen: 48.52 ug/L

RT: 8.07 min Scan# 2326

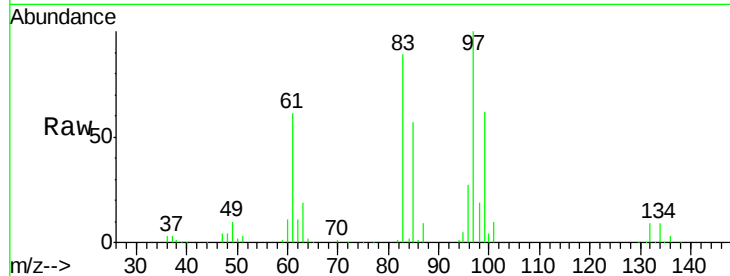
Delta R.T. -0.00 min

Lab File: VU023754.D

Acq: 09 May 2018 11:21

Tgt Ion: 97 Resp: 132762

Ion	Ratio	Lower	Upper
97	100		
99	62.0	45.0	83.6
83	89.4	63.1	117.3
85	57.0	40.2	74.6



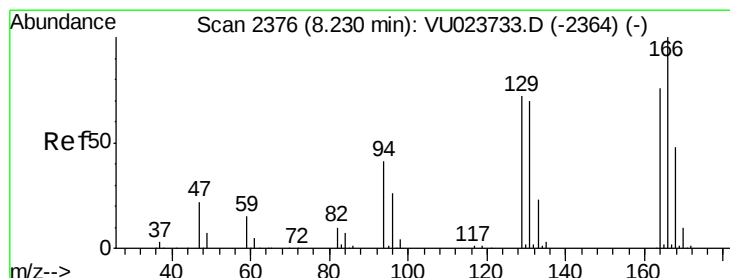
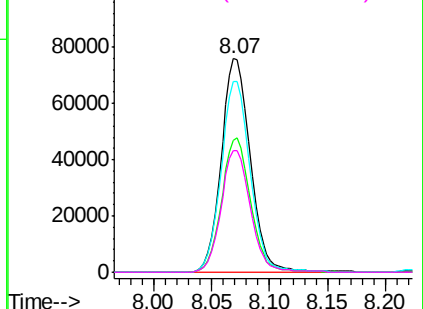
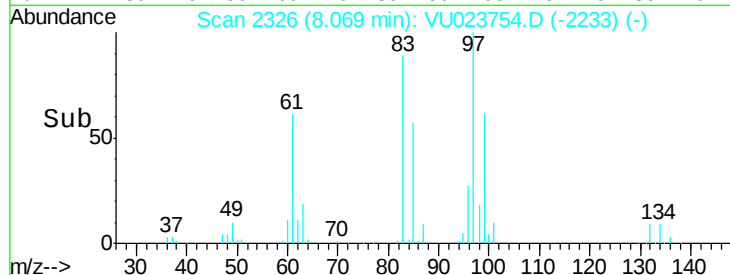
Abundance

Ion 97.00 (96.70 to 97.70): VU023754.D (-2233) (-)

Ion 99.00 (98.70 to 99.70): VU023754.D (-2233) (-)

Ion 83.00 (82.70 to 83.70): VU023754.D (-2233) (-)

Ion 85.00 (84.70 to 85.70): VU023754.D (-2233) (-)



#46

Tetrachloroethene

Concen: 45.91 ug/L

RT: 8.23 min Scan# 2376

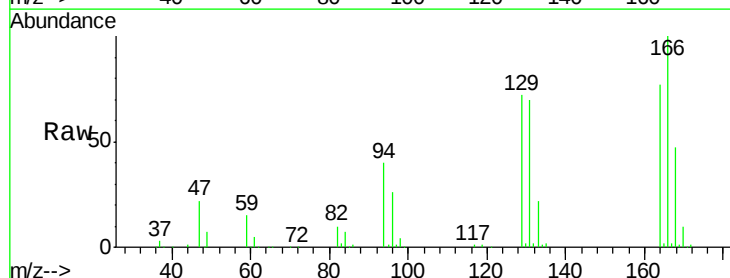
Delta R.T. -0.00 min

Lab File: VU023754.D

Acq: 09 May 2018 11:21

Tgt Ion: 164 Resp: 106994

Ion	Ratio	Lower	Upper
164	100		
129	93.1	66.9	124.3
131	90.6	63.6	118.0
166	129.4	93.0	172.6



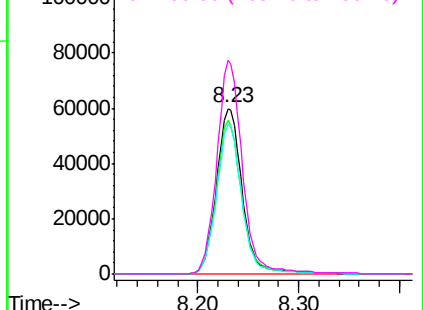
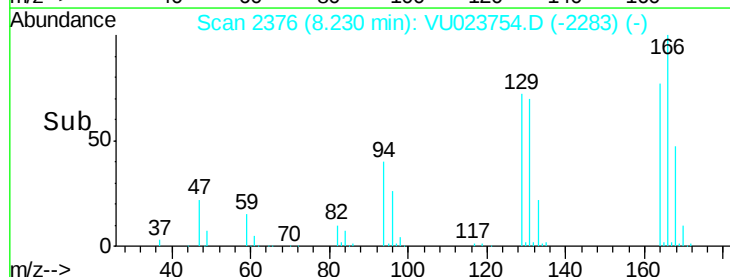
Abundance

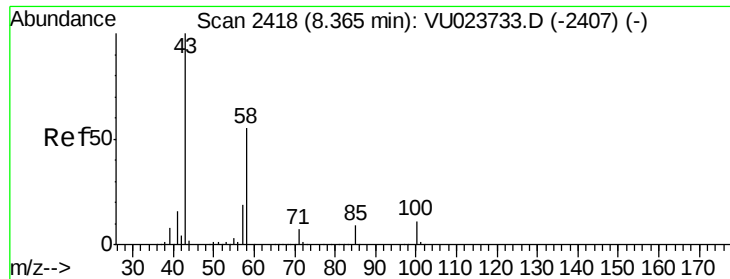
Ion 164.00 (163.70 to 164.70): VU023754.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU023754.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU023754.D (-2283) (-)

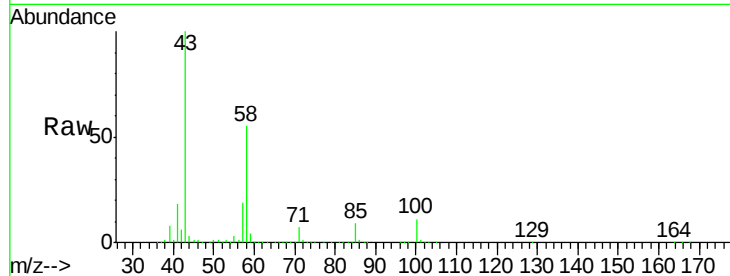
Ion 166.00 (165.70 to 166.70): VU023754.D (-2283) (-)



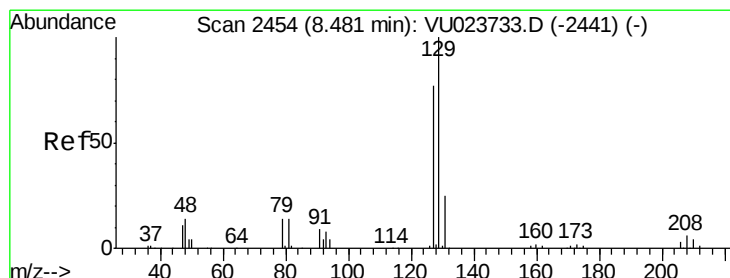
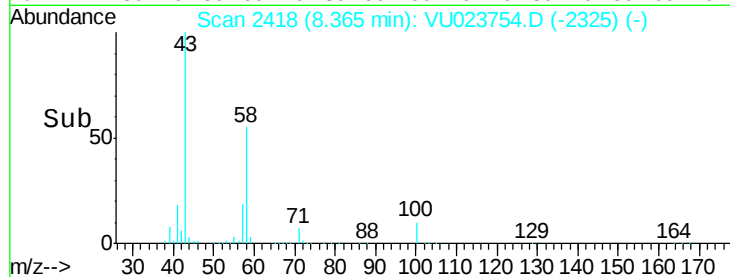
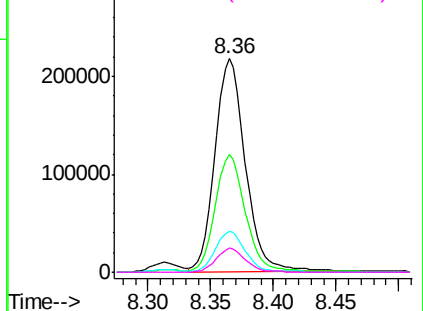


#48
2-Hexanone
Concen: 103.34 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU023754.D
Acq: 09 May 2018 11:21

Tgt Ion:	43	Resp:	362002
Ion	Ratio	Lower	Upper
43	100		
58	55.8	43.4	65.0
57	19.5	15.0	22.4
100	11.1	8.7	13.1

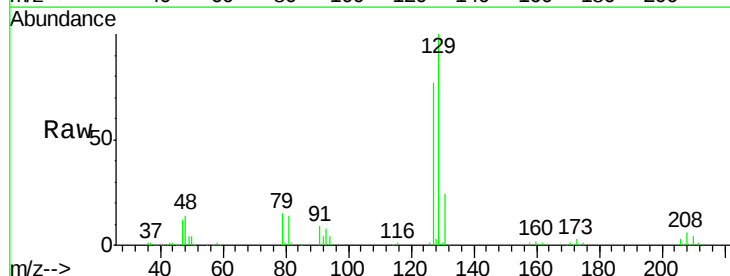


Abundance Ion 43.00 (42.70 to 43.70): VU023733.D (-2407) (-)
Ion 58.00 (57.70 to 58.70): VU023733.D (-2407) (-)
Ion 57.00 (56.70 to 57.70): VU023733.D (-2407) (-)
Ion 100.00 (99.70 to 100.70): VU023733.D (-2407) (-)

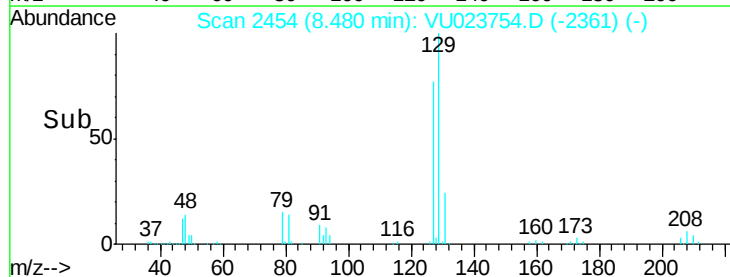
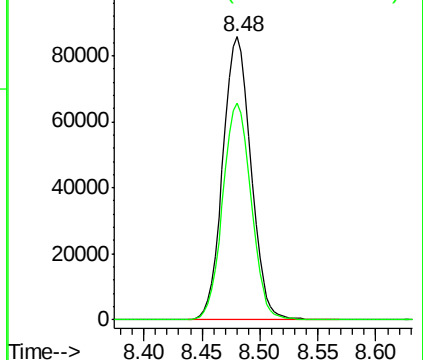


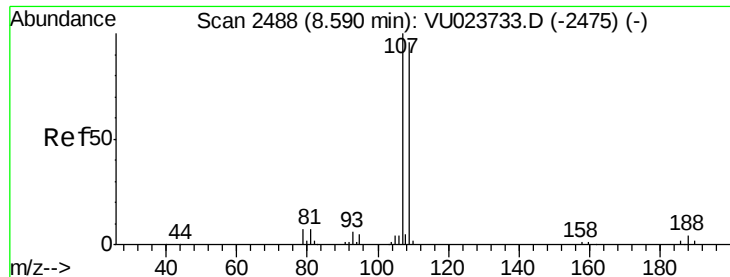
#49
Dibromochloromethane
Concen: 49.62 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU023754.D
Acq: 09 May 2018 11:21

Tgt Ion:	129	Resp:	144103
Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.8	101.8



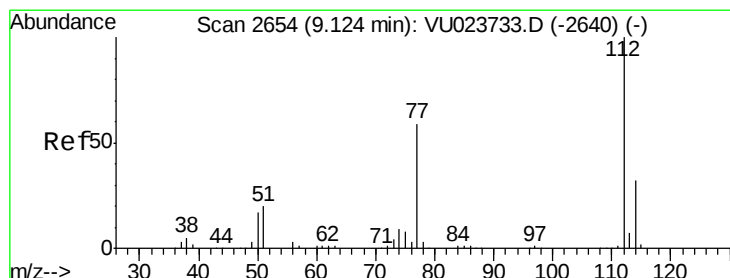
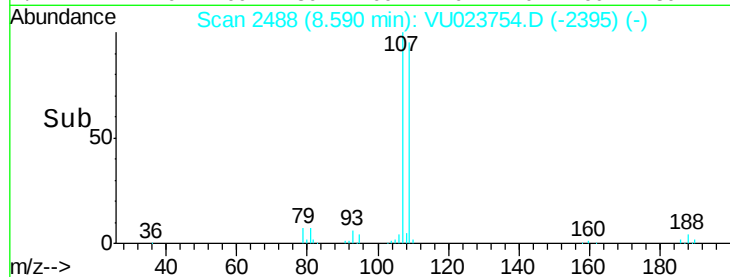
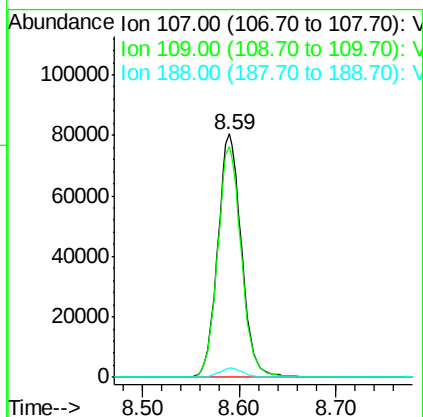
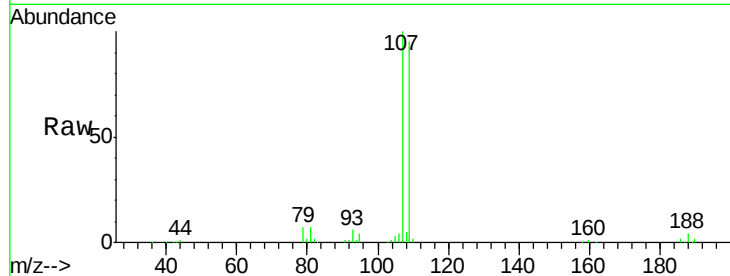
Abundance Ion 129.00 (128.70 to 129.70): VU023733.D (-2441) (-)
Ion 127.00 (126.70 to 127.70): VU023733.D (-2441) (-)





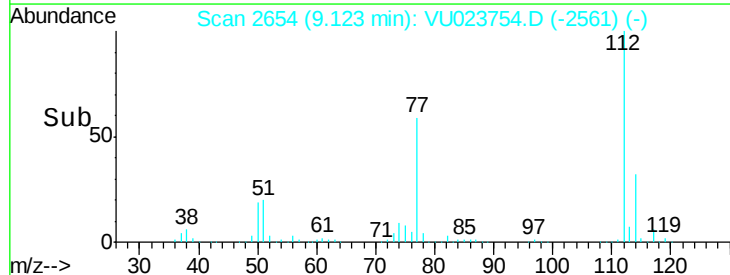
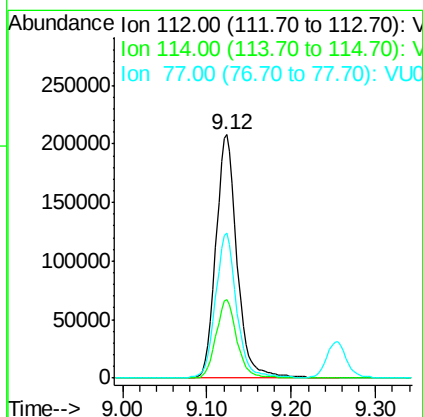
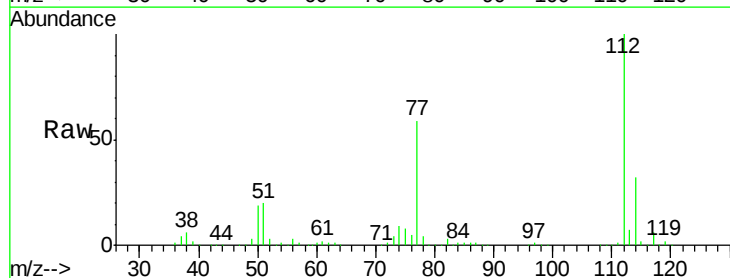
#50
1,2-Dibromoethane
Concen: 48.51 ug/L
RT: 8.59 min Scan# 2488
Delta R.T. -0.00 min
Lab File: VU023754.D
Acq: 09 May 2018 11:21

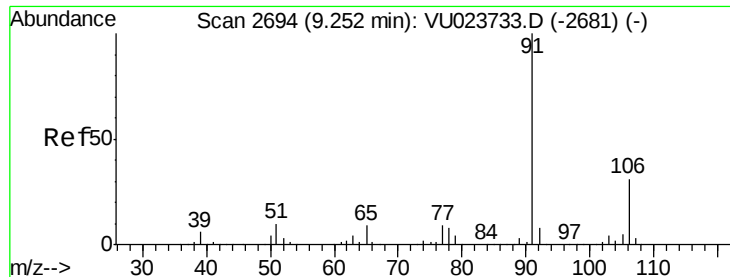
Tgt Ion:107 Resp: 136692
Ion Ratio Lower Upper
107 100
109 94.7 66.4 123.2
188 3.7 3.1 4.7



#51
Chlorobenzene
Concen: 46.90 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU023754.D
Acq: 09 May 2018 11:21

Tgt Ion:112 Resp: 362421
Ion Ratio Lower Upper
112 100
114 32.3 22.6 42.0
77 59.3 46.9 70.3





#52

Ethylbenzene

Concen: 47.28 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023754.D

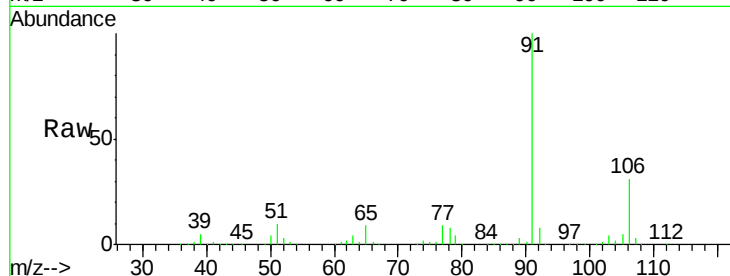
Acq: 09 May 2018 11:21

Tgt Ion: 91 Resp: 599966

Ion Ratio Lower Upper

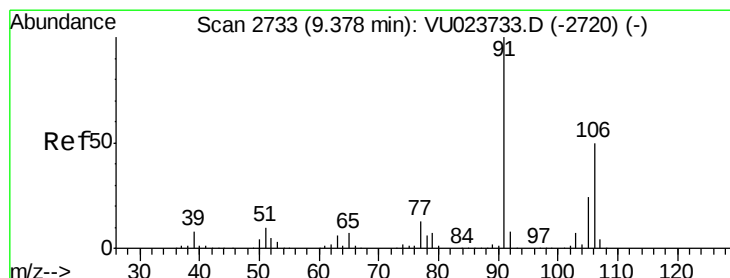
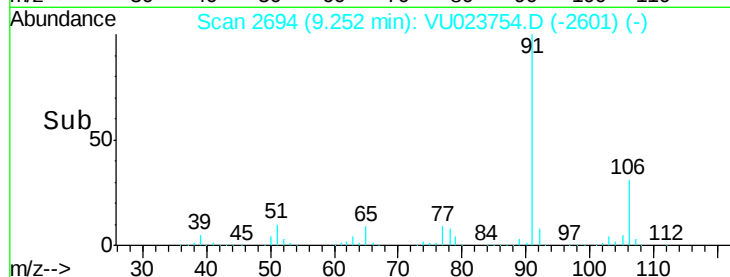
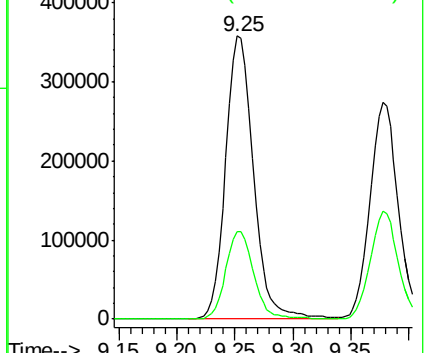
91 100

106 30.9 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: 48.40 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023754.D

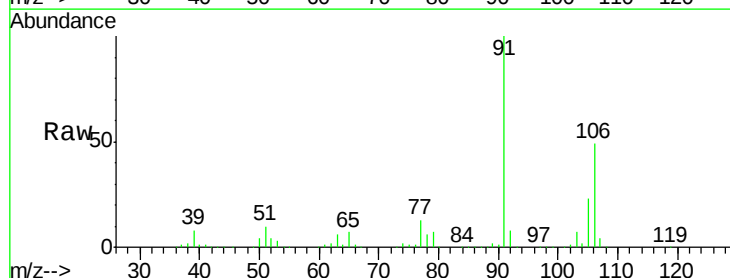
Acq: 09 May 2018 11:21

Tgt Ion: 106 Resp: 233378

Ion Ratio Lower Upper

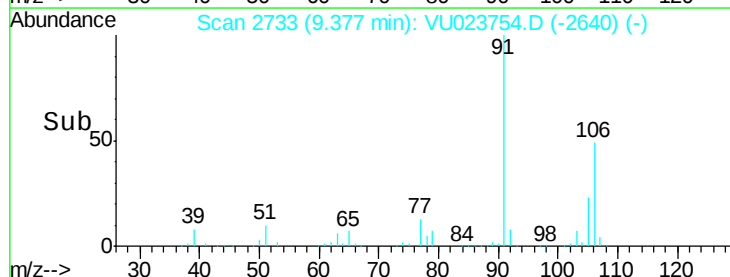
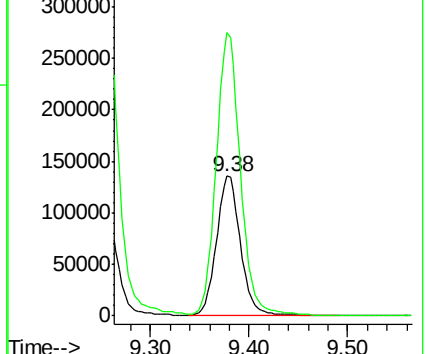
106 100

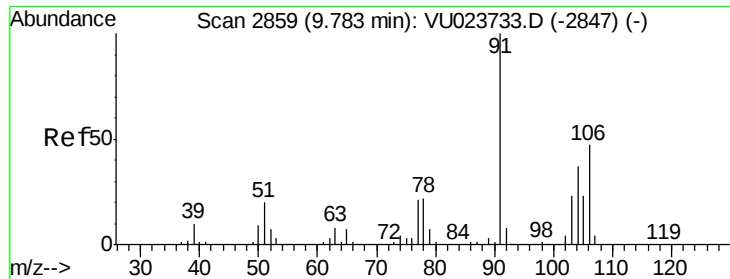
91 202.2 142.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): V

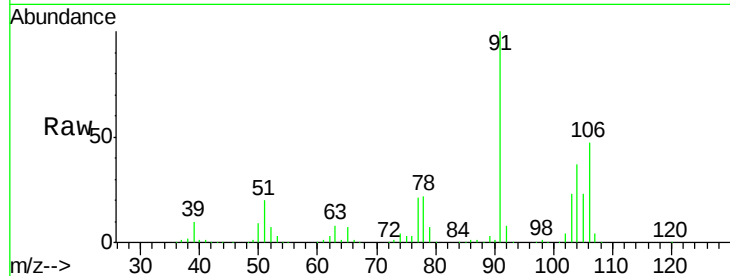
Ion 91.00 (90.70 to 91.70): VU0



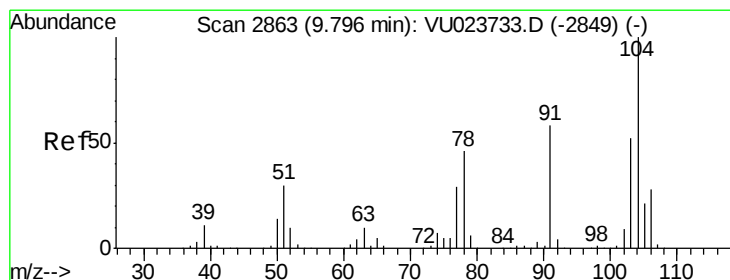
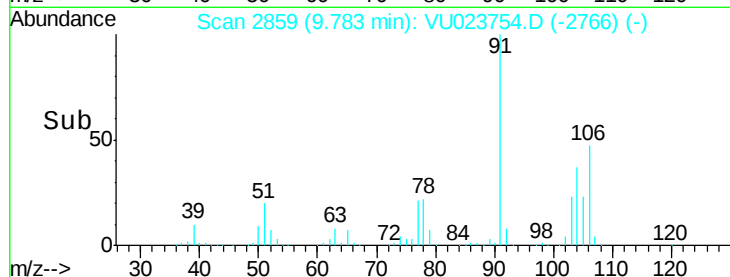
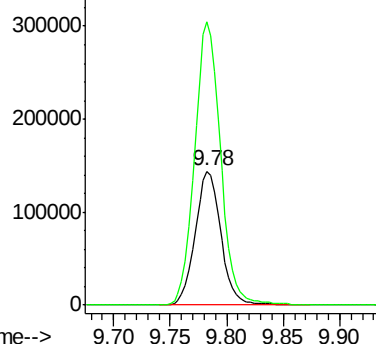


#54
o-xylene
Concen: 48.62 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023754.D
Acq: 09 May 2018 11:21

Tgt Ion:106 Resp: 228727
Ion Ratio Lower Upper
106 100
91 211.0 152.6 283.4

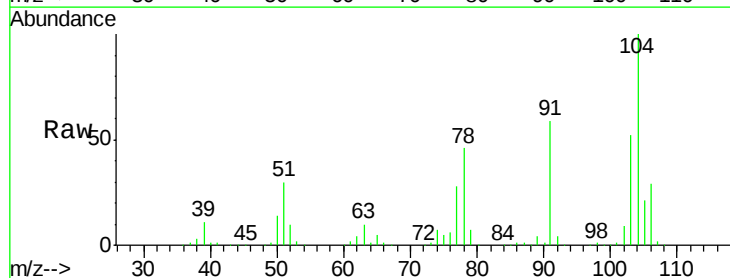


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

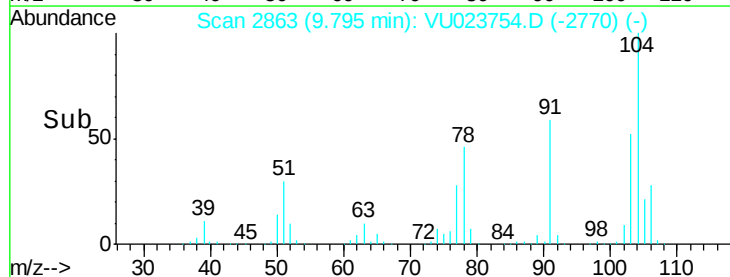
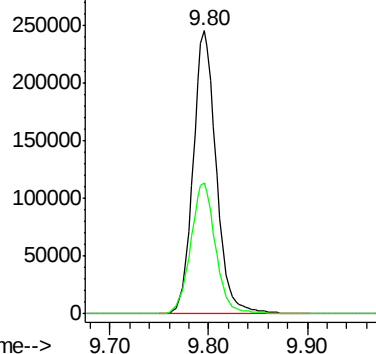


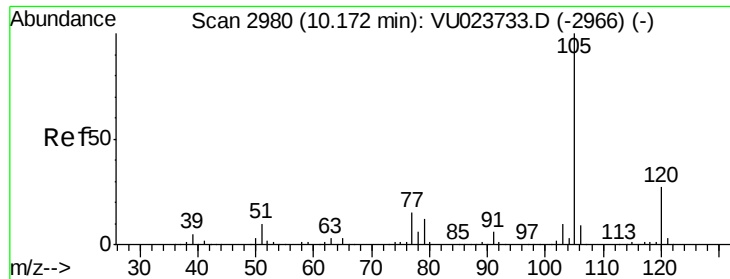
#55
Styrene
Concen: 50.01 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023754.D
Acq: 09 May 2018 11:21

Tgt Ion:104 Resp: 402768
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: 47.66 ug/L

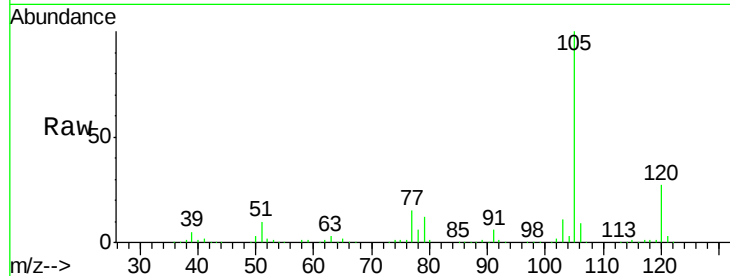
RT: 10.17 min Scan# 2980

Delta R.T. -0.00 min

Lab File: VU023754.D

Acq: 09 May 2018 11:21

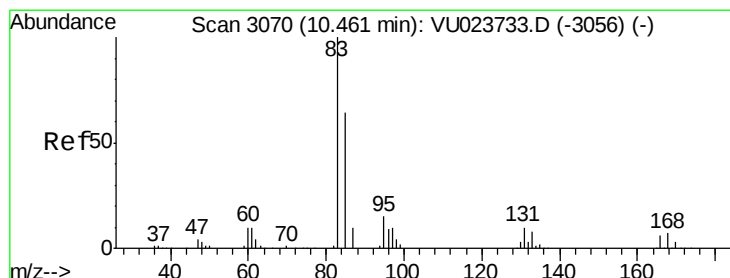
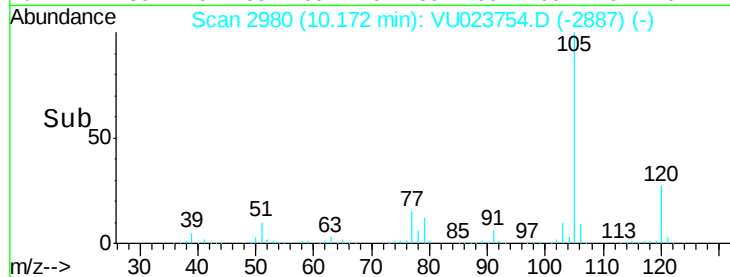
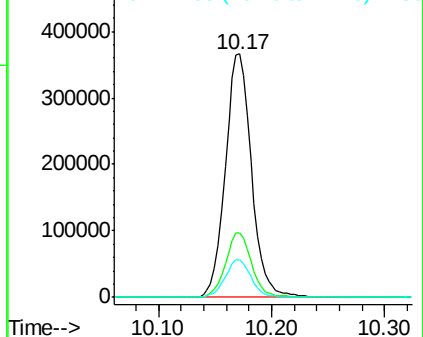
Tgt Ion:	105	Resp:	587964
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.3	31.9
77	15.4	12.3	18.5



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: 49.91 ug/L

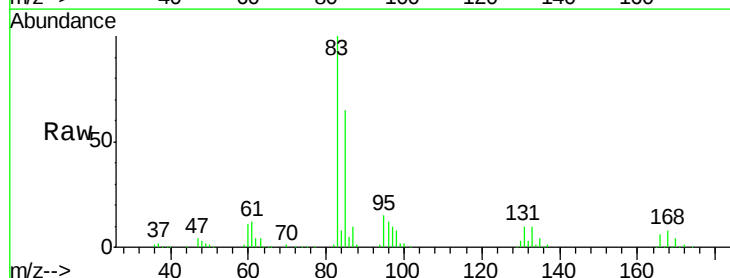
RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU023754.D

Acq: 09 May 2018 11:21

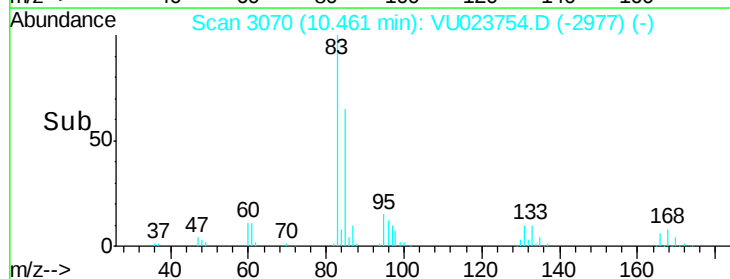
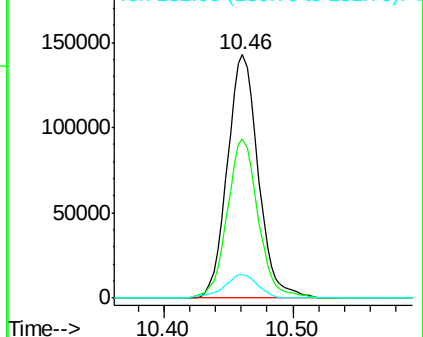
Tgt Ion:	83	Resp:	236676
Ion	Ratio	Lower	Upper
83	100		
85	65.4	45.5	84.5
131	9.7	7.6	11.4

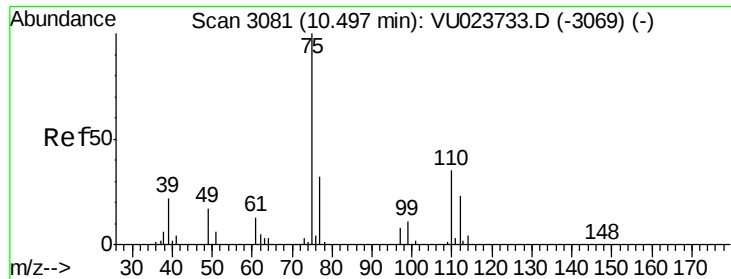


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

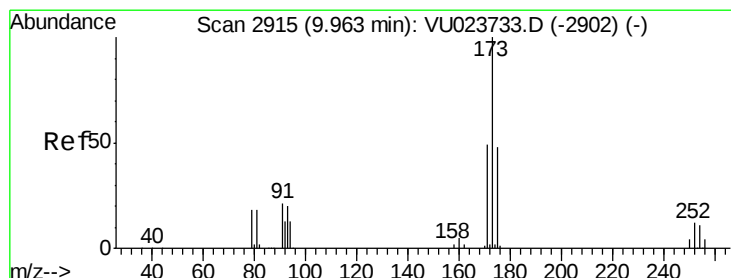
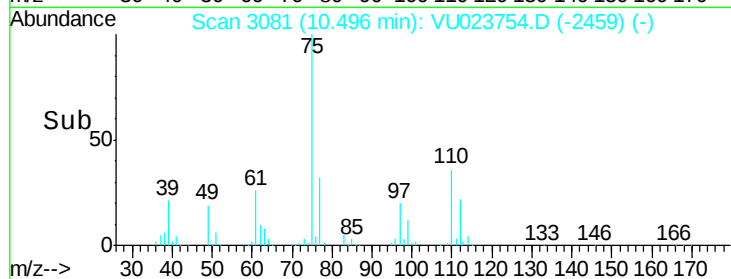
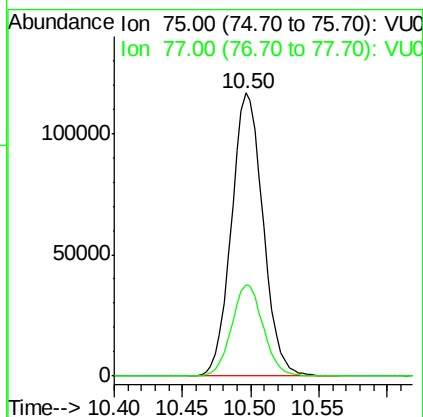
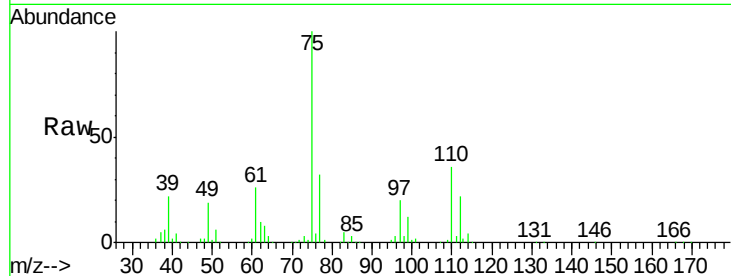
Ion 131.00 (130.70 to 131.70): V





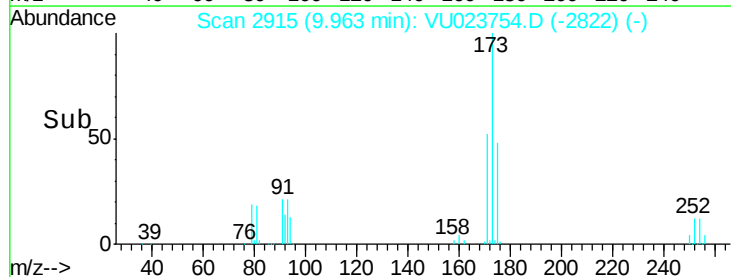
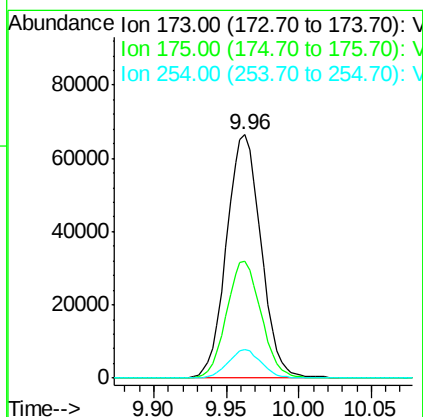
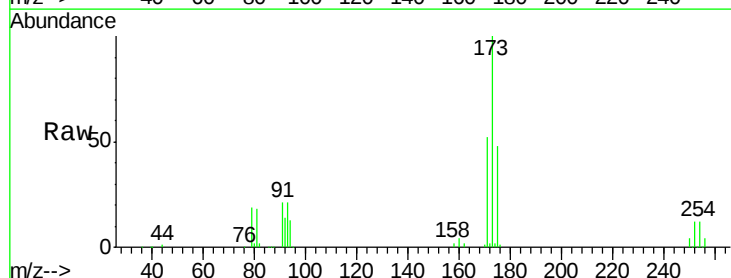
#59
 1,2,3-Trichloropropane
 Concen: 49.77 ug/L
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU023754.D
 Acq: 09 May 2018 11:21

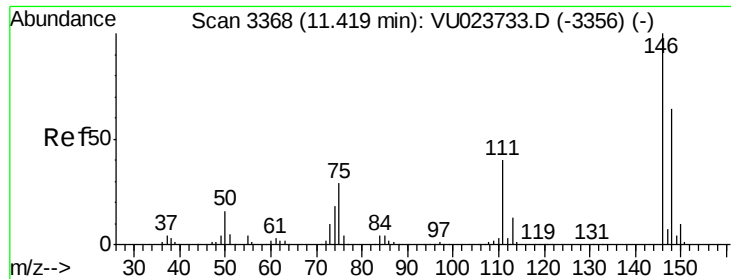
Tgt Ion: 75 Resp: 187741
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.6 38.4



#61
 Bromoform
 Concen: 48.10 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU023754.D
 Acq: 09 May 2018 11:21

Tgt Ion: 173 Resp: 109798
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.9 58.3
 254 11.2 8.6 13.0





#62

1,3-Dichlorobenzene

Concen: 47.00 ug/L

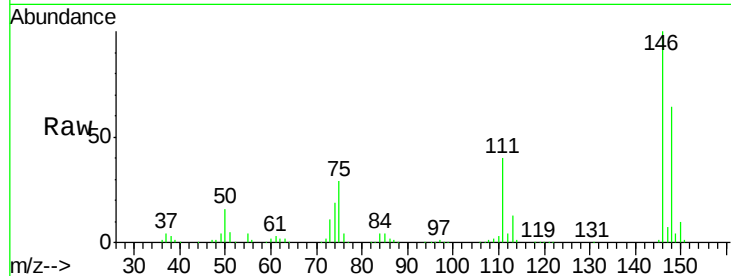
RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

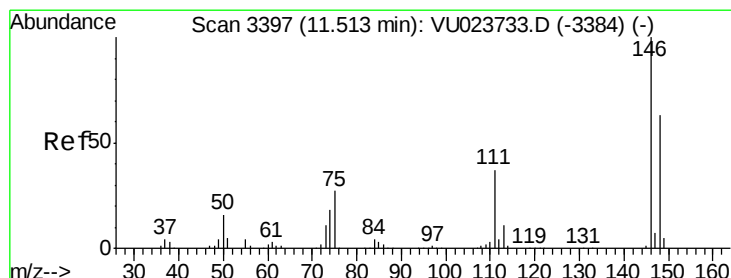
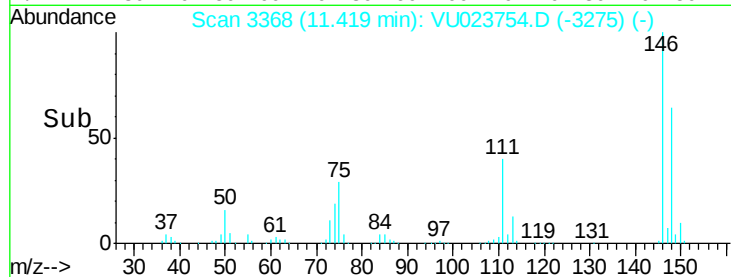
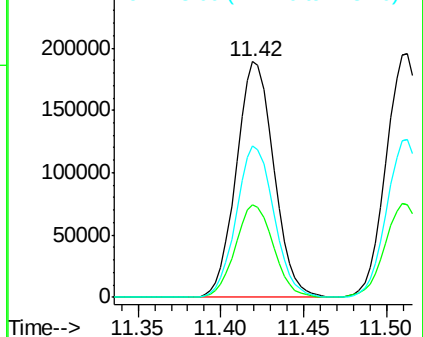
Lab File: VU023754.D

Acq: 09 May 2018 11:21

Tgt Ion:	146	Resp:	299291
Ion	Ratio	Lower	Upper
146	100		
111	39.5	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: 46.90 ug/L

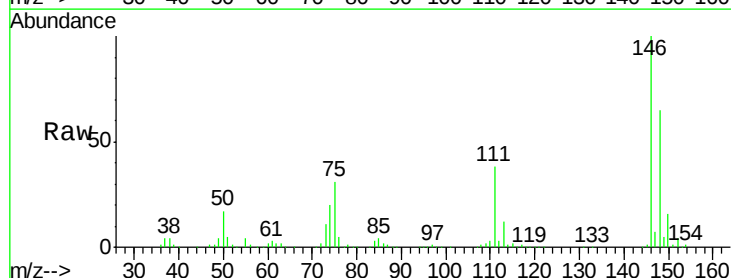
RT: 11.51 min Scan# 3397

Delta R.T. -0.00 min

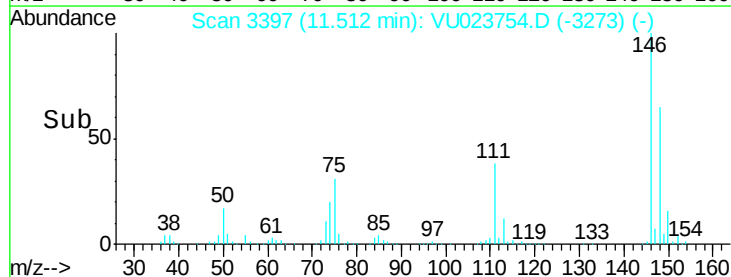
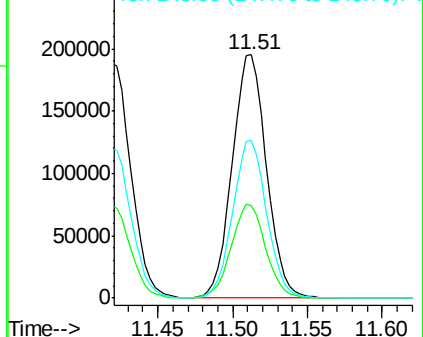
Lab File: VU023754.D

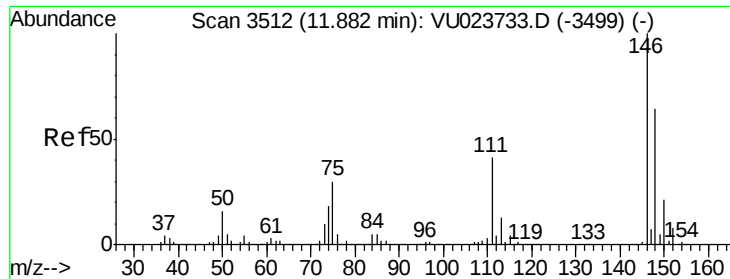
Acq: 09 May 2018 11:21

Tgt Ion:	146	Resp:	309959
Ion	Ratio	Lower	Upper
146	100		
111	38.2	27.3	50.7
148	64.6	43.8	81.3



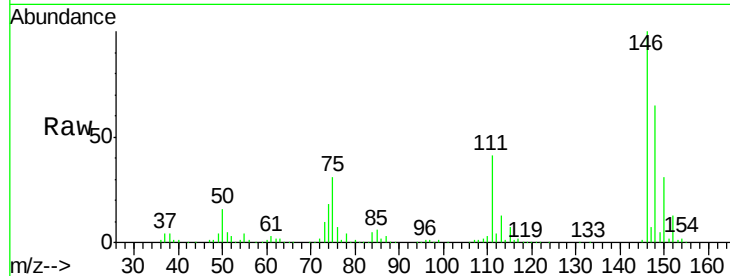
Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



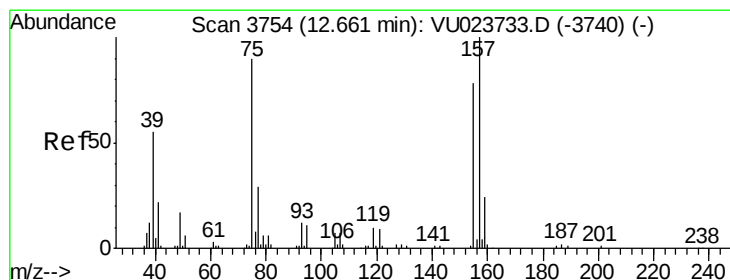
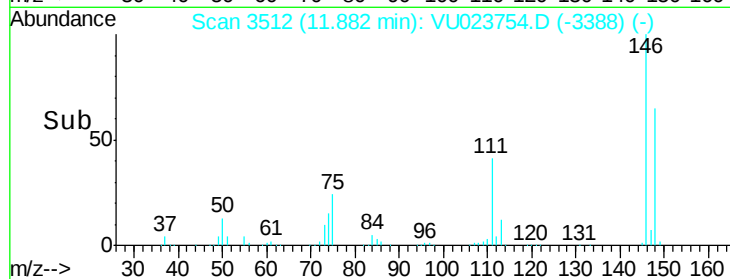
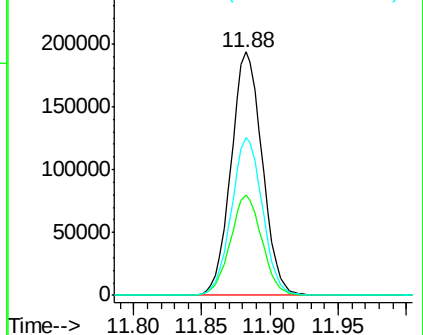


#65
 1,2-Dichlorobenzene
 Concen: 47.28 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU023754.D
 Acq: 09 May 2018 11:21

Tgt Ion: 146 Resp: 307155
 Ion Ratio Lower Upper
 146 100
 111 41.2 32.5 48.7
 148 64.7 50.3 75.5

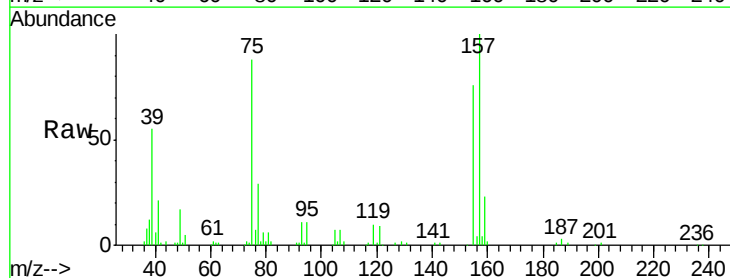


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

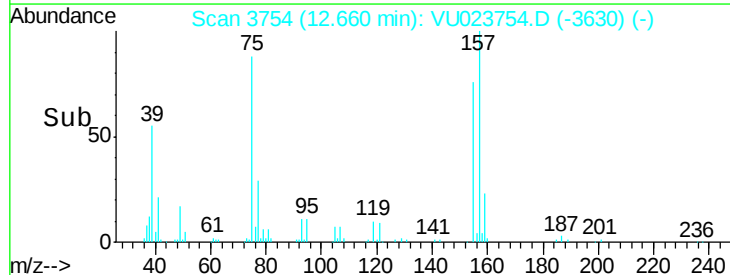
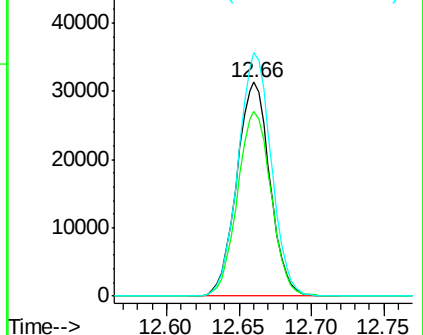


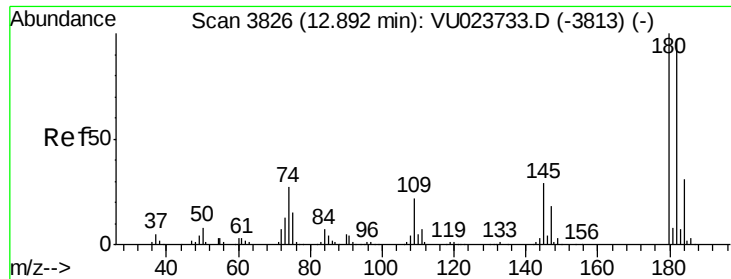
#66
 1,2-Dibromo-3-chloropropane
 Concen: 48.80 ug/L
 RT: 12.66 min Scan# 3754
 Delta R.T. -0.00 min
 Lab File: VU023754.D
 Acq: 09 May 2018 11:21

Tgt Ion: 75 Resp: 49705
 Ion Ratio Lower Upper
 75 100
 155 86.3 71.7 107.5
 157 113.7 90.6 136.0



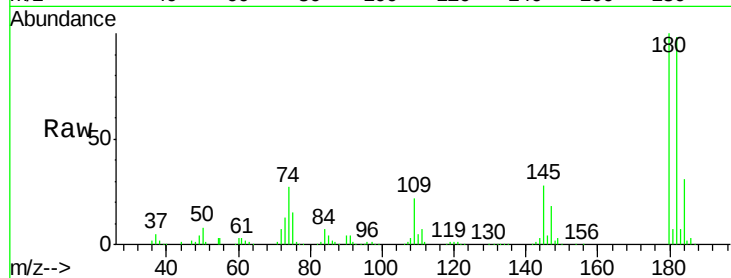
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V



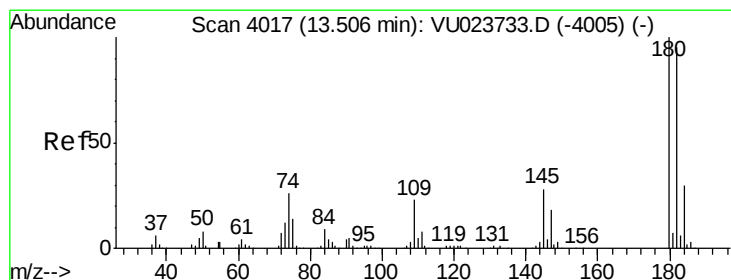
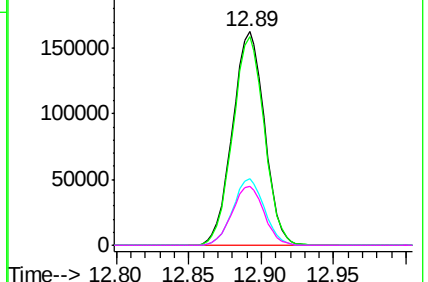
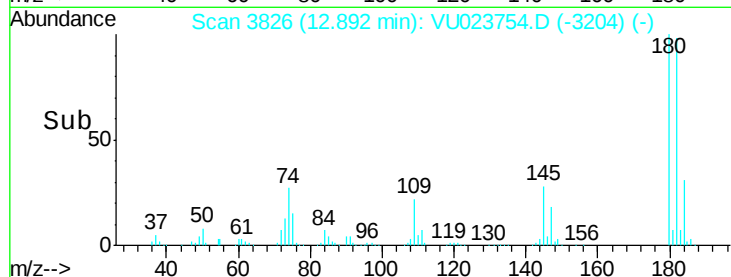


#67
 1,3,5-Trichlorobenzene
 Concen: 47.38 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU023754.D
 Acq: 09 May 2018 11:21

Tgt Ion:	180	Resp:	248424
Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.7	115.1
184	30.7	24.6	36.8
145	27.7	22.2	33.4

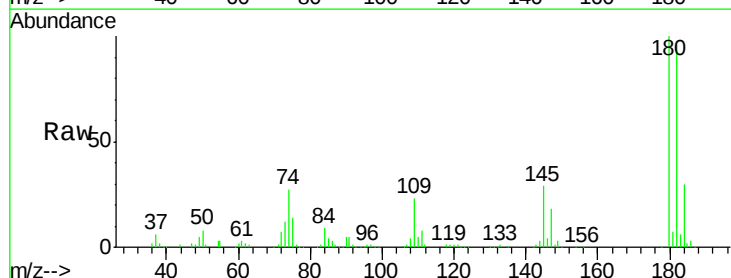


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

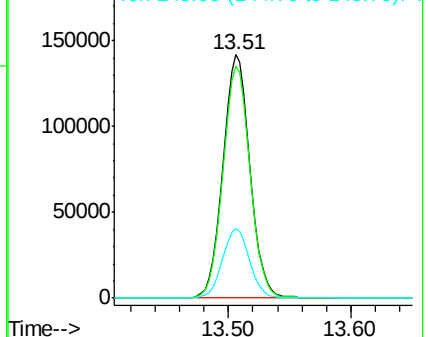
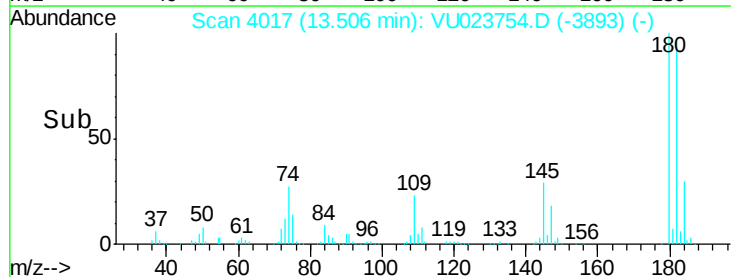


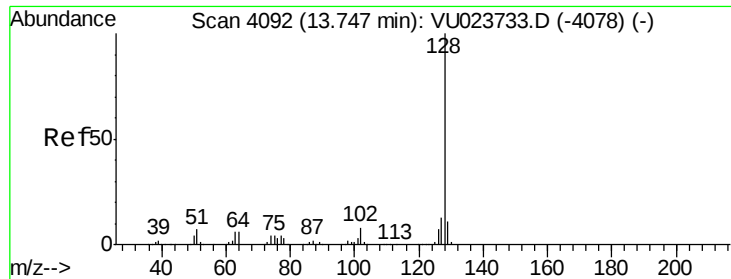
#68
 1,2,4-trichlorobenzene
 Concen: 49.72 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU023754.D
 Acq: 09 May 2018 11:21

Tgt Ion:	180	Resp:	220951
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.6	115.0
145	28.6	22.7	34.1



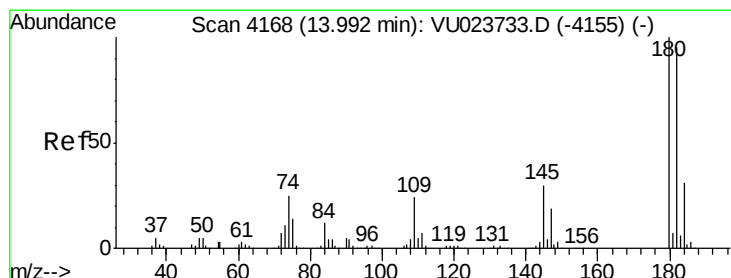
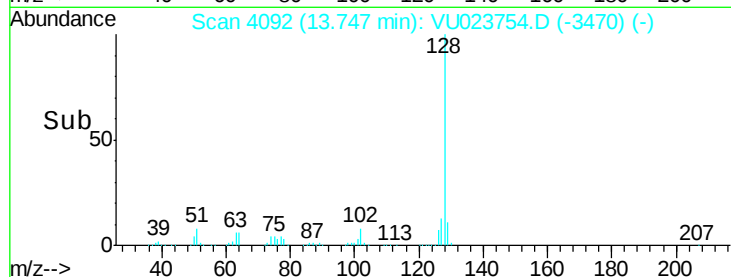
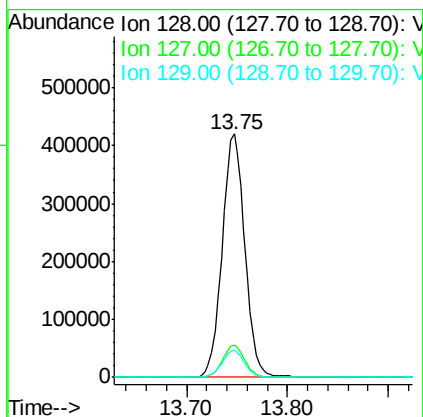
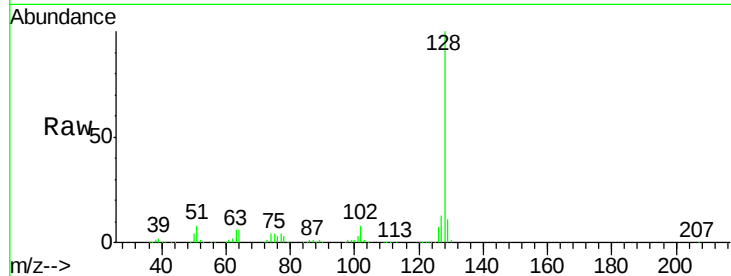
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 52.29 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023754.D
Acq: 09 May 2018 11:21

Tgt Ion:128 Resp: 660972
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 49.08 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU023754.D
Acq: 09 May 2018 11:21

Tgt Ion:180 Resp: 225746
Ion Ratio Lower Upper
180 100
182 95.8 75.8 113.6
145 30.4 23.6 35.4

