

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
 Data File : VU023682.D
 Acq On : 06 May 2018 10:52
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 07 00:46:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 04 02:54:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	336301	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	327605	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	170717	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	111112	46.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.24%
7) Chloroethane-d5	1.68	69	87400	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.22%
11) 1,1-Dichloroethene-d2	2.27	63	223482	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.18%
21) 2-Butanone-d5	4.18	46	181613	110.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.28%
24) Chloroform-d	4.65	84	210059	53.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.58%
26) 1,2-Dichloroethane-d4	5.31	65	135277	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
32) Benzene-d6	5.35	84	428976	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.33	67	140273	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.30%
41) Toluene-d8	7.57	98	402220	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.85	79	61642	48.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.28%
47) 2-Hexanone-d5	8.31	63	126905	113.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	192945	50.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	162232	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	162635	44.79	ug/L	99
3) Chloromethane	1.33	50	154363	39.63	ug/L	99
5) Vinyl chloride	1.40	62	163828	44.41	ug/L	99
6) Bromomethane	1.62	94	74851	37.86	ug/L	99
8) Chloroethane	1.70	64	94062	42.19	ug/L	97
9) Trichlorofluoromethane	1.89	101	193325	46.57	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	125455	47.93	ug/L	98
12) 1,1-Dichloroethene	2.28	96	114405	46.61	ug/L	99
13) Acetone	2.32	43	232934	95.20	ug/L	100
14) Carbon disulfide	2.48	76	377374	44.60	ug/L	100
15) Methyl Acetate	2.62	43	162756	50.22	ug/L	100
16) Methylene chloride	2.70	84	139006	45.37	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	124971	46.54	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	376043	47.37	ug/L	99
19) 1,1-Dichloroethane	3.45	63	248887	46.70	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	141464	47.46	ug/L	97
22) 2-Butanone	4.26	43	269049	98.88	ug/L	98

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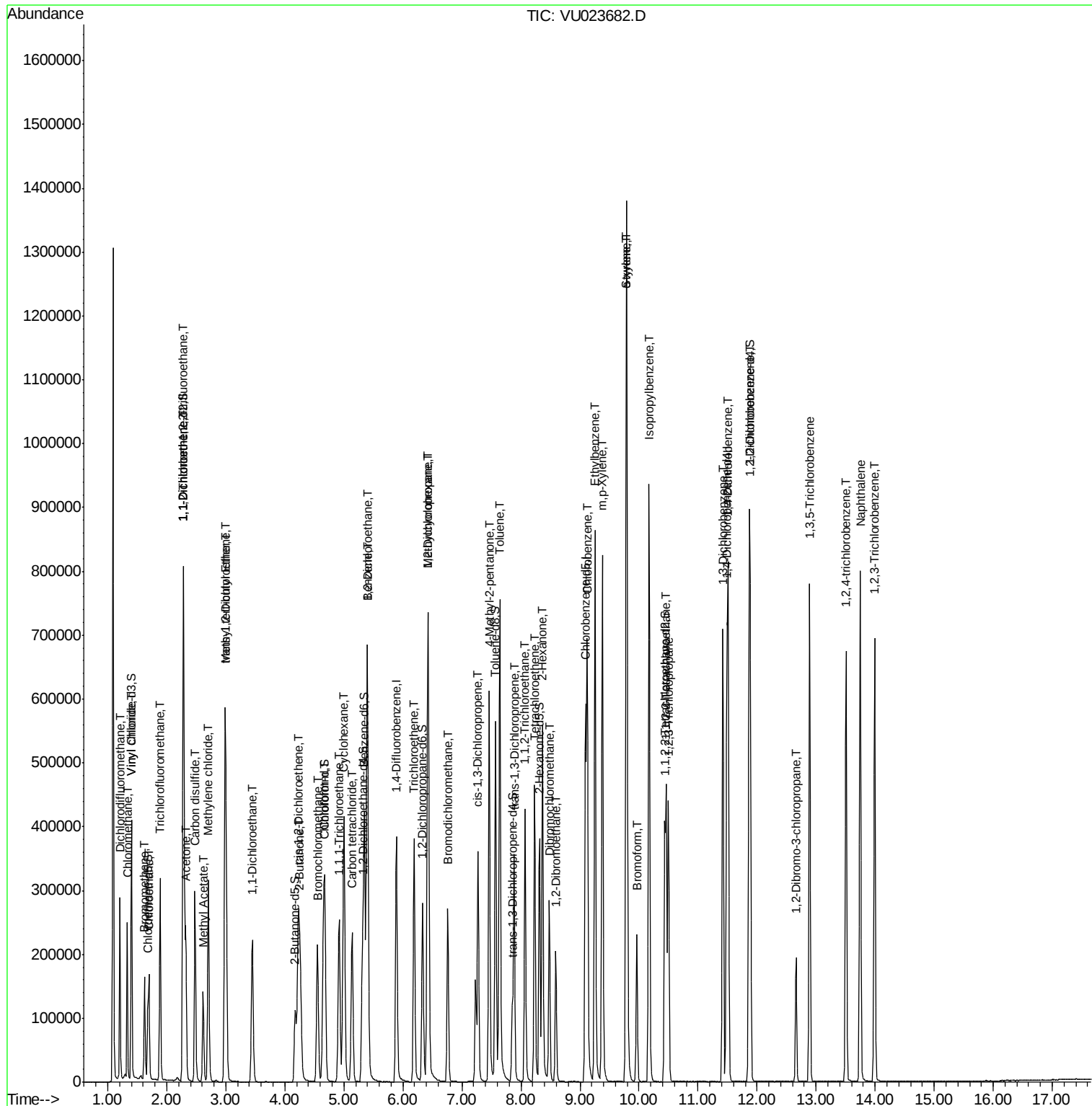
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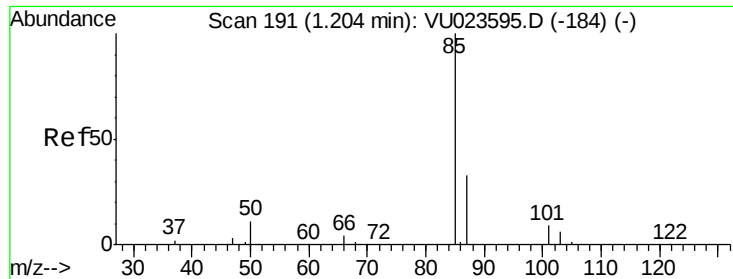
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	71892	48.05	ug/L	97
25) Chloroform	4.68	83	246891	45.17	ug/L	98
27) 1,2-Dichloroethane	5.41	62	190607	47.03	ug/L	98
29) Cyclohexane	5.00	56	221509	45.75	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	195762	47.18	ug/L	100
31) Carbon tetrachloride	5.14	117	173840	48.21	ug/L	98
33) Benzene	5.39	78	545143	47.22	ug/L	100
34) Trichloroethene	6.19	95	137273	46.41	ug/L	98
35) Methylcyclohexane	6.42	83	215884	46.66	ug/L	100
37) 1,2-Dichloropropane	6.44	63	152064	45.95	ug/L	100
38) Bromodichloromethane	6.76	83	177840	47.64	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	214930	47.14	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	419046	103.73	ug/L	100
42) Toluene	7.64	91	578232	48.32	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	197837	48.63	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	133085	47.34	ug/L	99
46) Tetrachloroethene	8.23	164	112582	46.70	ug/L	98
48) 2-Hexanone	8.36	43	360114	102.35	ug/L	99
49) Dibromochloromethane	8.48	129	145665	49.19	ug/L	100
50) 1,2-Dibromoethane	8.59	107	139165	49.01	ug/L	98
51) Chlorobenzene	9.12	112	372024	46.66	ug/L	99
52) Ethylbenzene	9.25	91	624246	48.13	ug/L	99
53) m,p-Xylene	9.38	106	243149	49.15	ug/L	99
54) o-xylene	9.78	106	229612	48.99	ug/L	97
55) Styrene	9.80	104	409691	49.96	ug/L	99
56) Isopropylbenzene	10.17	105	607293	49.37	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	228487	49.50	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	184529	50.52	ug/L	99
61) Bromoform	9.96	173	107654	50.16	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	289314	47.00	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	303690	47.25	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	304635	48.37	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	48277	52.79	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	245444	47.60	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	209815	47.91	ug/L	99
69) Naphthalene	13.75	128	612301	53.28	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	220364	49.38	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 44.79 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023682.D

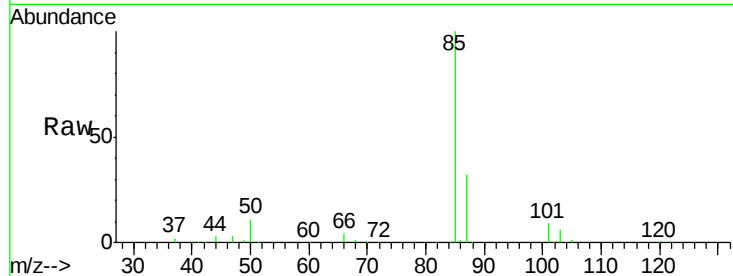
Acq: 06 May 2018 10:52

Tgt Ion: 85 Resp: 162635

Ion Ratio Lower Upper

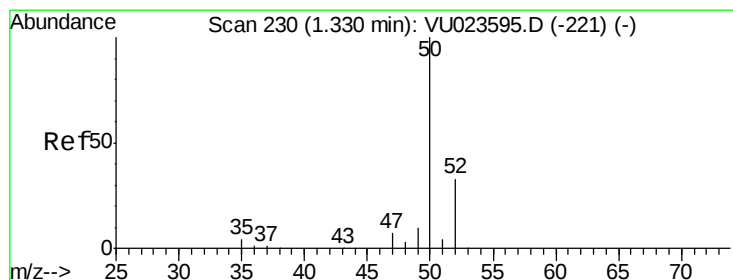
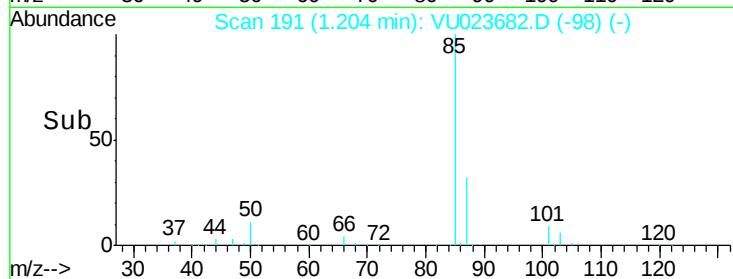
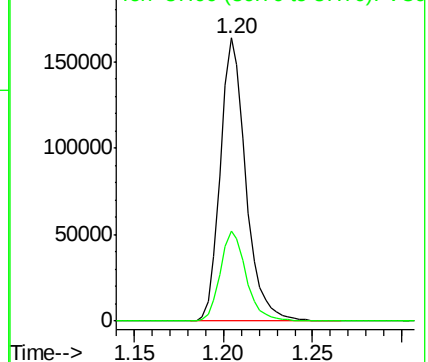
85 100

87 32.3 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 39.63 ug/L

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU023682.D

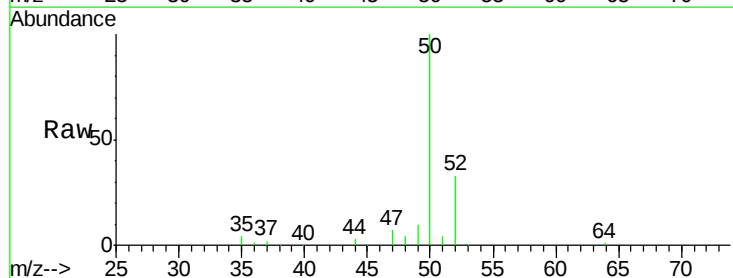
Acq: 06 May 2018 10:52

Tgt Ion: 50 Resp: 154363

Ion Ratio Lower Upper

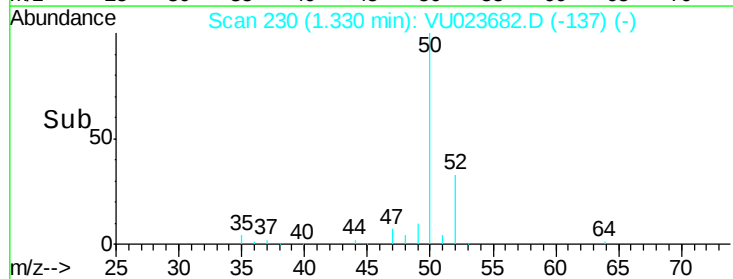
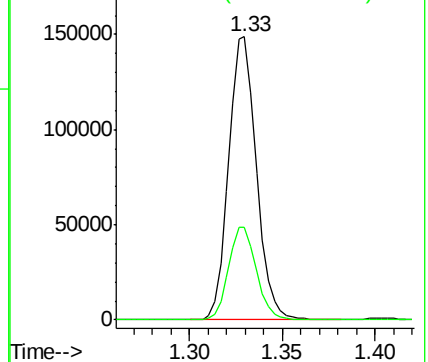
50 100

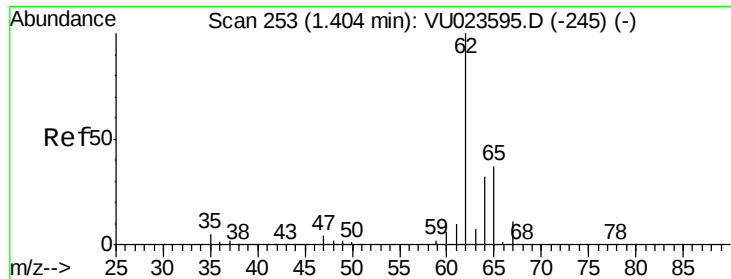
52 32.8 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 44.41 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023682.D

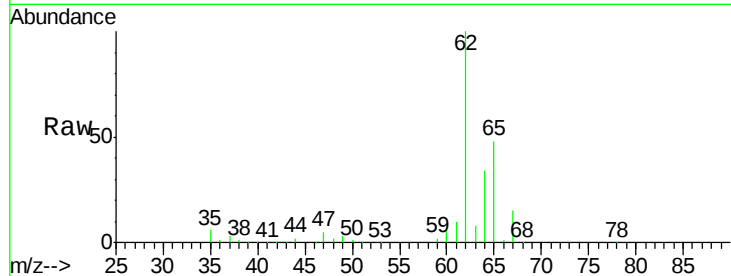
Acq: 06 May 2018 10:52

Tgt Ion: 62 Resp: 163828

Ion Ratio Lower Upper

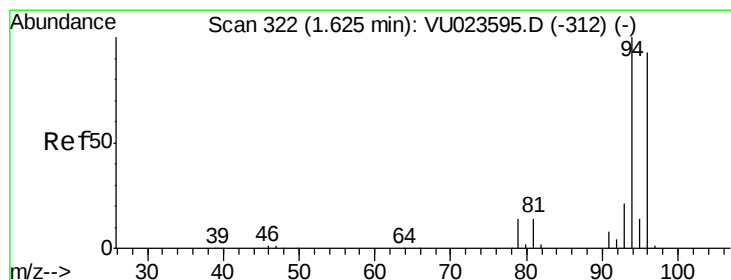
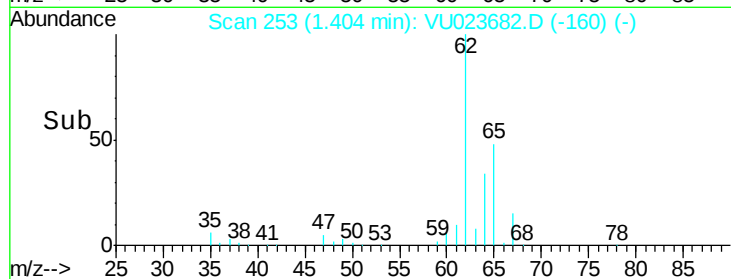
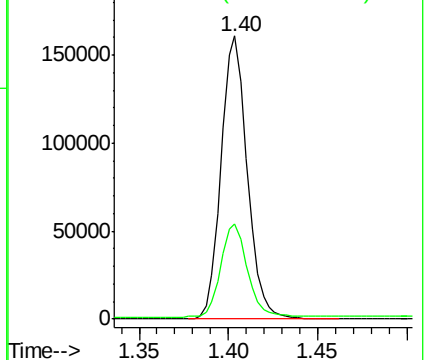
62 100

64 33.7 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#6

Bromomethane

Concen: 37.86 ug/L

RT: 1.62 min Scan# 321

Delta R.T. -0.00 min

Lab File: VU023682.D

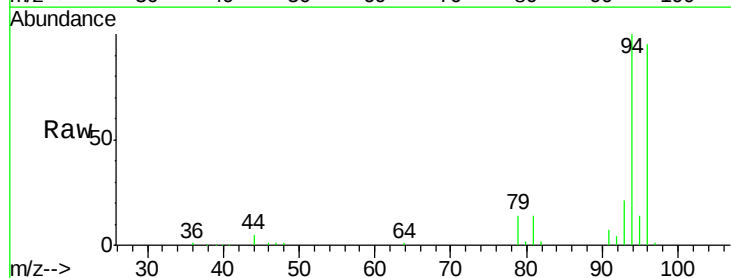
Acq: 06 May 2018 10:52

Tgt Ion: 94 Resp: 74851

Ion Ratio Lower Upper

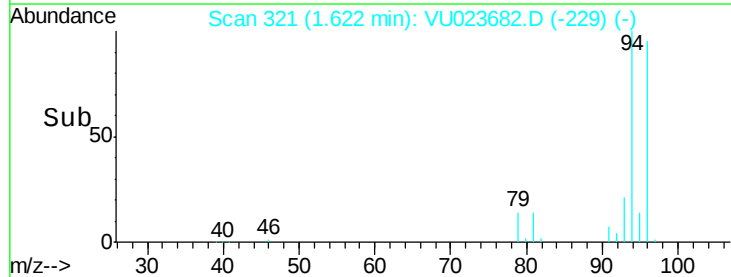
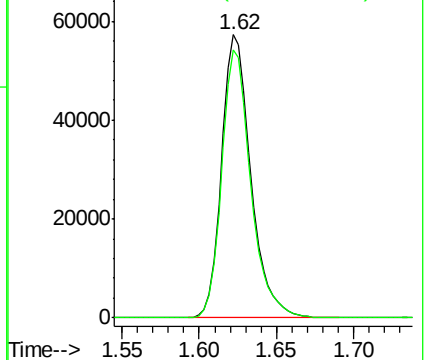
94 100

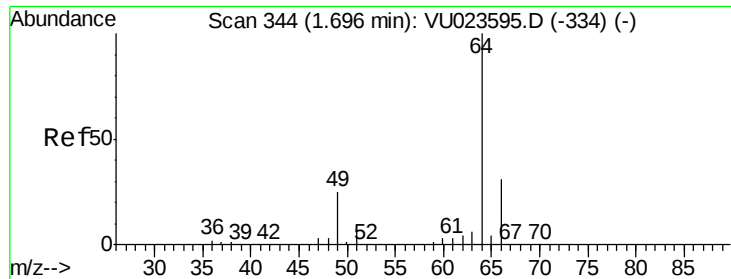
96 94.5 65.3 121.3



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 42.19 ug/L

RT: 1.70 min Scan# 344

Delta R.T. -0.00 min

Lab File: VU023682.D

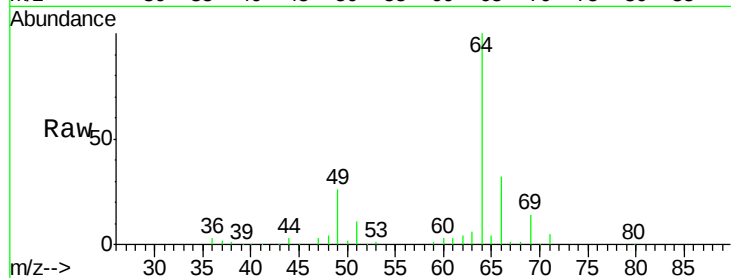
Acq: 06 May 2018 10:52

Tgt Ion: 64 Resp: 94062

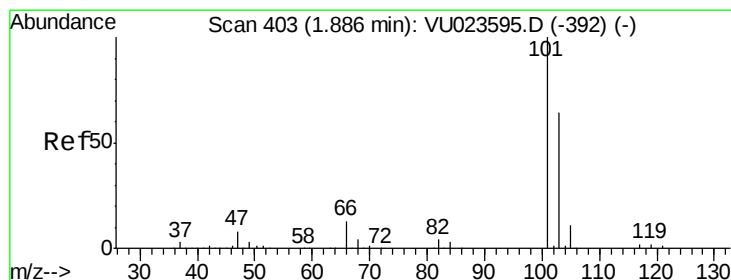
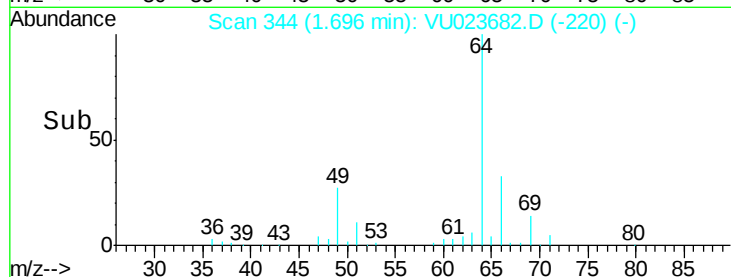
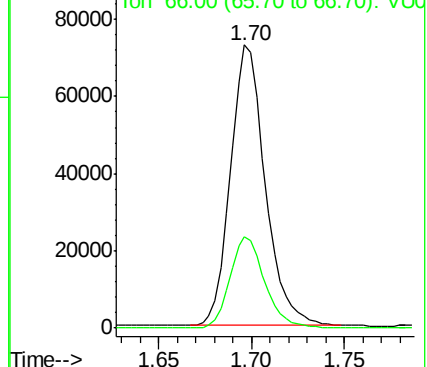
Ion Ratio Lower Upper

64 100

66 32.4 21.7 40.3



Abundance Ion 64.00 (63.70 to 64.70): VU023595.D (-334) (-)



#9

Trichlorofluoromethane

Concen: 46.57 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU023682.D

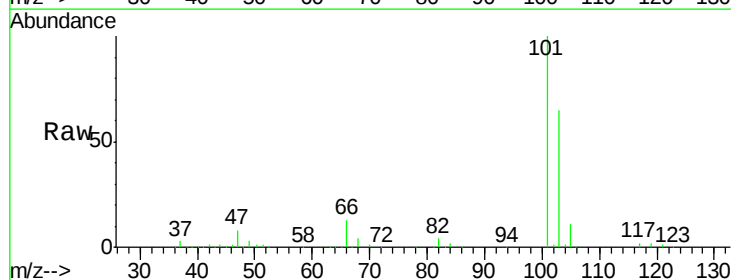
Acq: 06 May 2018 10:52

Tgt Ion: 101 Resp: 193325

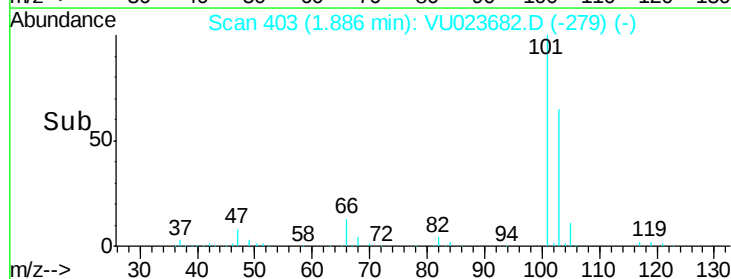
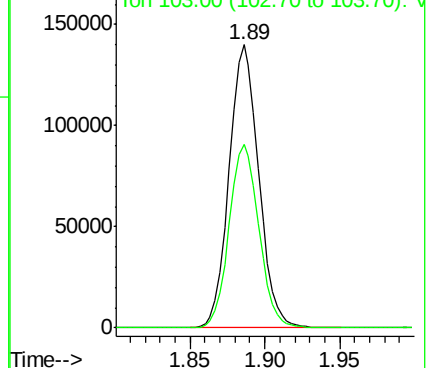
Ion Ratio Lower Upper

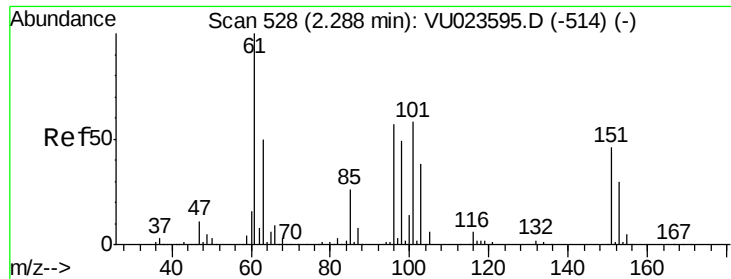
101 100

103 65.1 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): VU023595.D (-392) (-)





#10

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

Concen: 47.93 ug/L

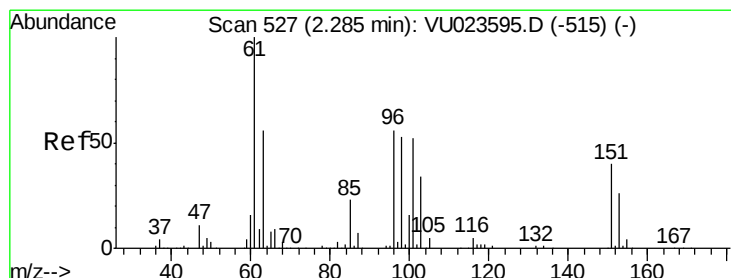
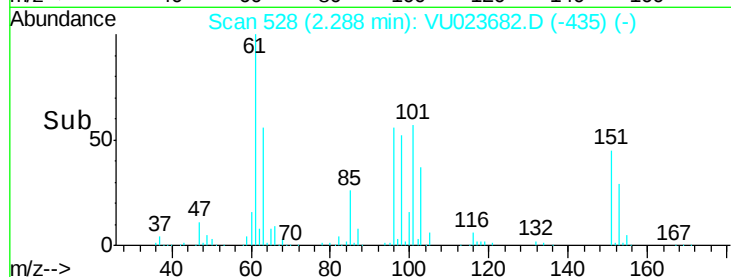
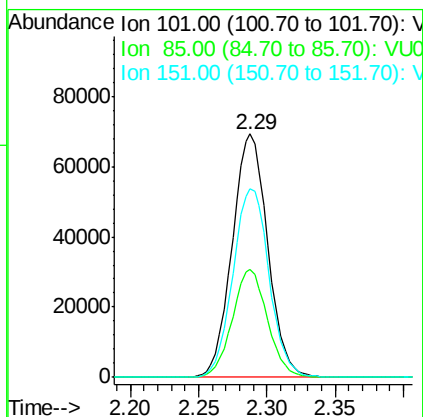
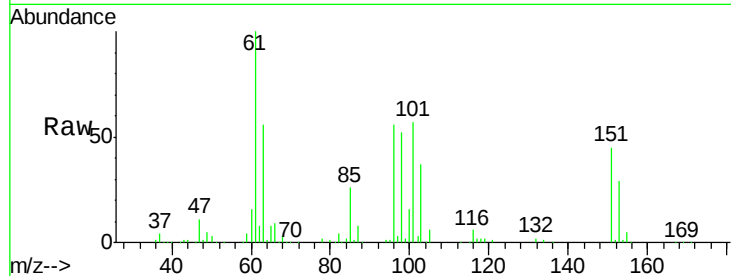
RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU023682.D

Acq: 06 May 2018 10:52

Tgt Ion:	101	Resp:	125455
Ion	Ratio	Lower	Upper
101	100		
85	43.6	34.9	52.3
151	78.8	61.0	91.6



#12

1,1-Dichloroethene

Concen: 46.61 ug/L

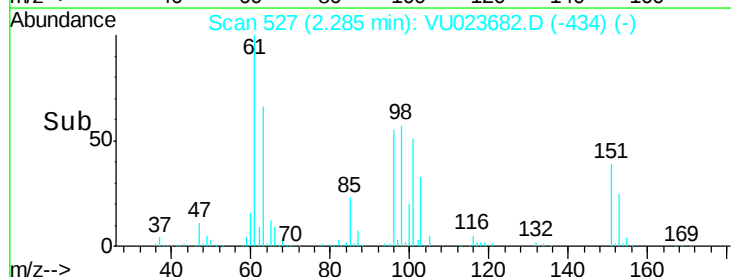
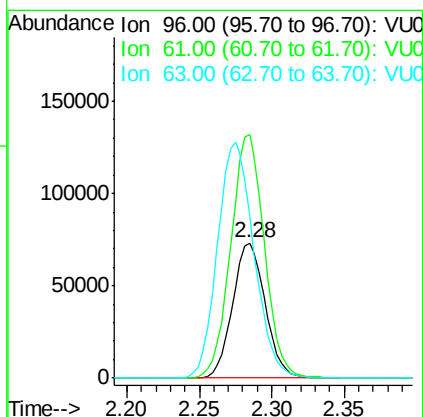
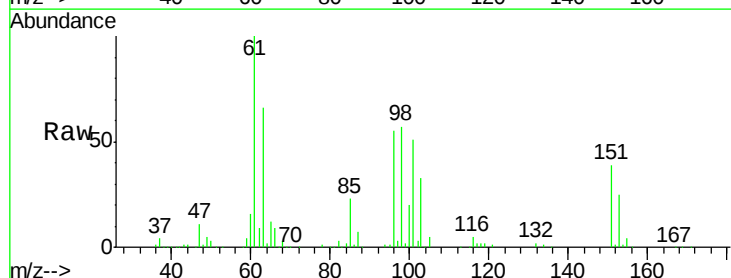
RT: 2.28 min Scan# 527

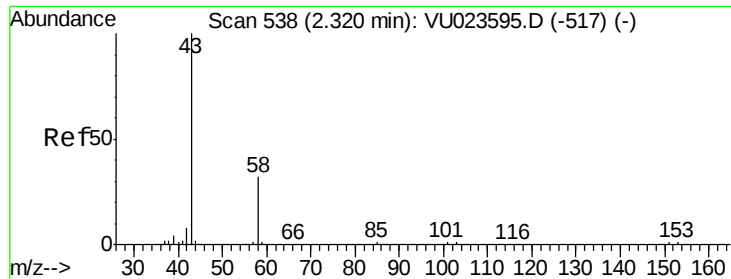
Delta R.T. -0.00 min

Lab File: VU023682.D

Acq: 06 May 2018 10:52

Tgt Ion:	96	Resp:	114405
Ion	Ratio	Lower	Upper
96	100		
61	180.2	125.9	233.7
63	119.7	84.8	157.6





#13

Acetone

Concen: 95.20 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU023682.D

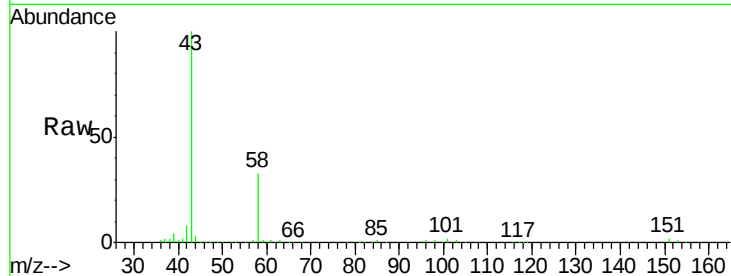
Acq: 06 May 2018 10:52

Tgt Ion: 43 Resp: 232934

Ion Ratio Lower Upper

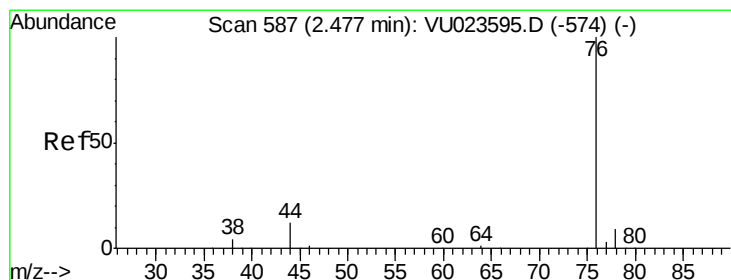
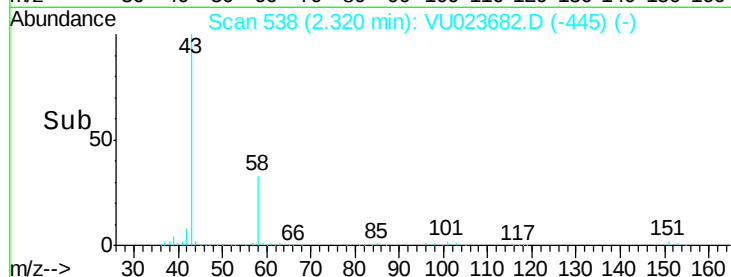
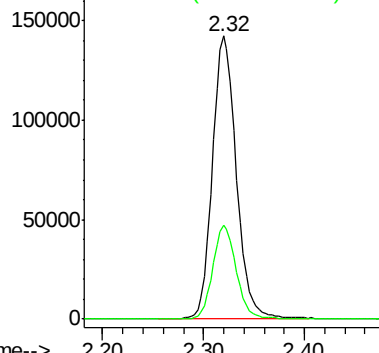
43 100

58 32.5 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon disulfide

Concen: 44.60 ug/L

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU023682.D

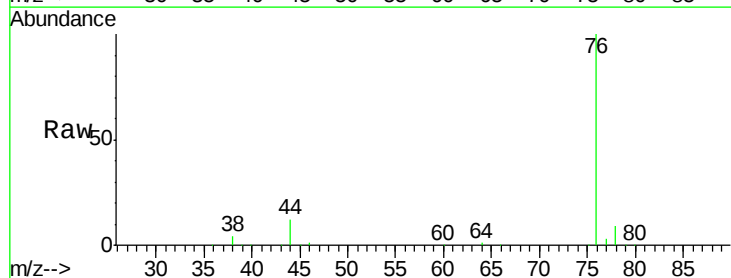
Acq: 06 May 2018 10:52

Tgt Ion: 76 Resp: 377374

Ion Ratio Lower Upper

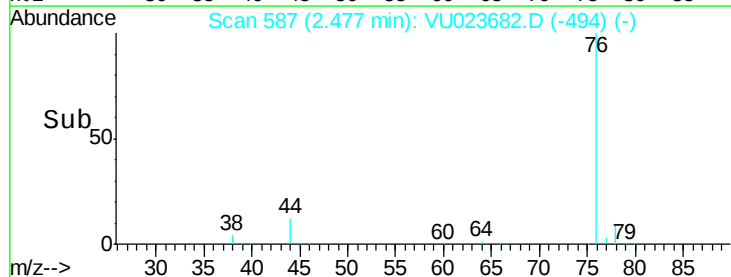
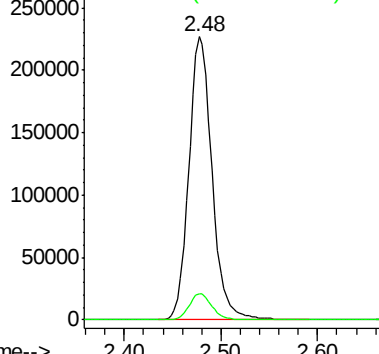
76 100

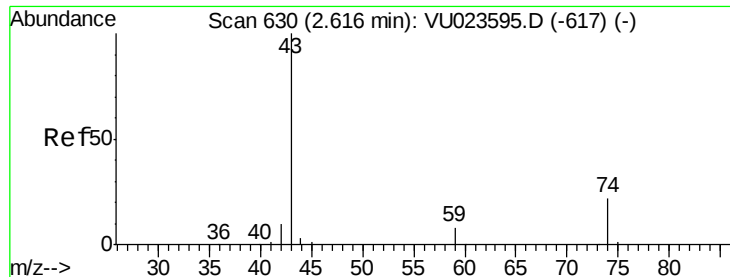
78 9.3 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU0

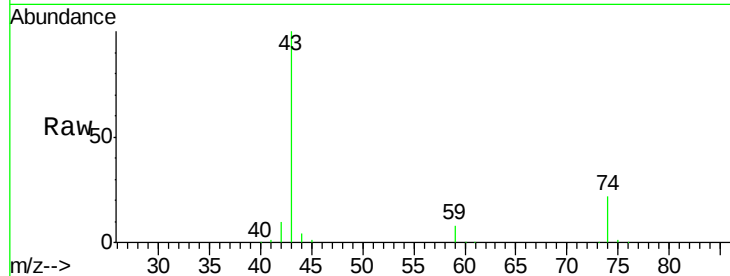
Ion 78.00 (77.70 to 78.70): VU0



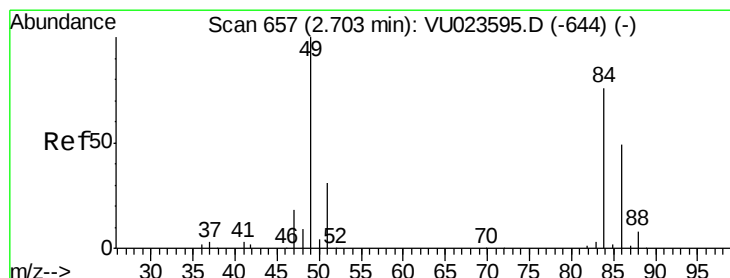
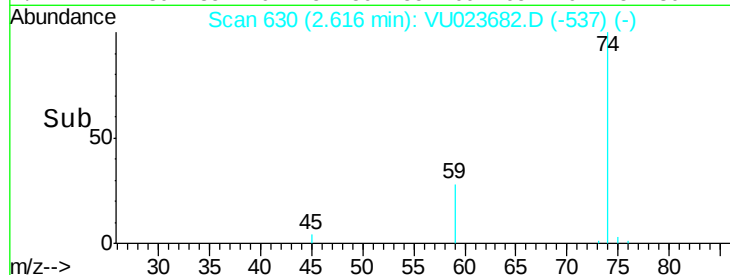
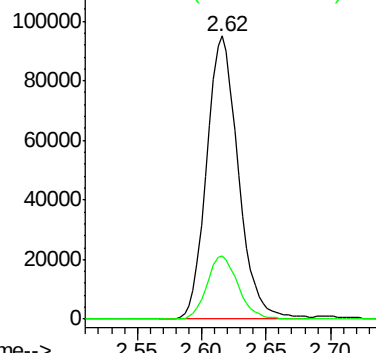


#15
Methyl Acetate
Concen: 50.22 ug/L
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU023682.D
Acq: 06 May 2018 10:52

Tgt Ion: 43 Resp: 162756
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3

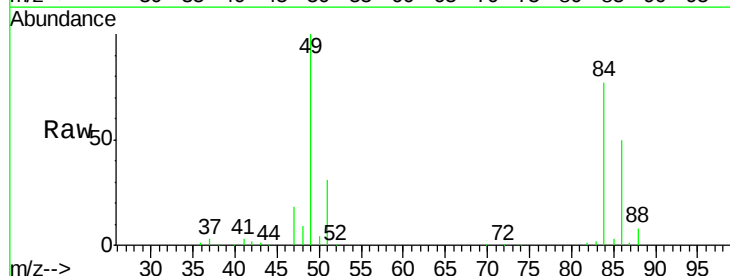


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

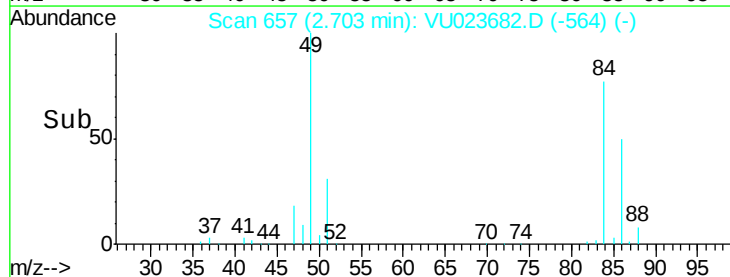
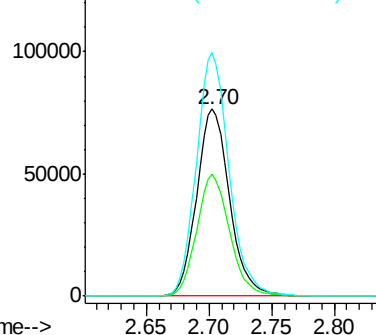


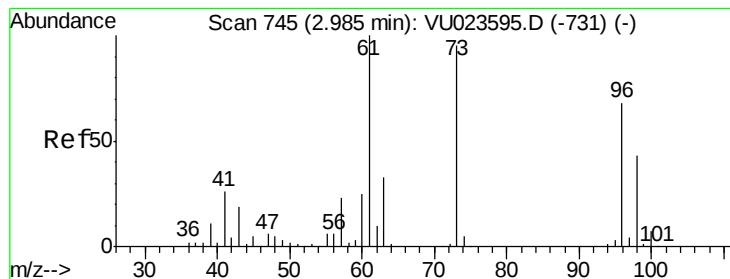
#16
Methylene chloride
Concen: 45.37 ug/L
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023682.D
Acq: 06 May 2018 10:52

Tgt Ion: 84 Resp: 139006
Ion Ratio Lower Upper
84 100
86 64.9 45.6 84.8
49 130.0 91.9 170.7



Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 46.54 ug/L

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU023682.D

Acq: 06 May 2018 10:52

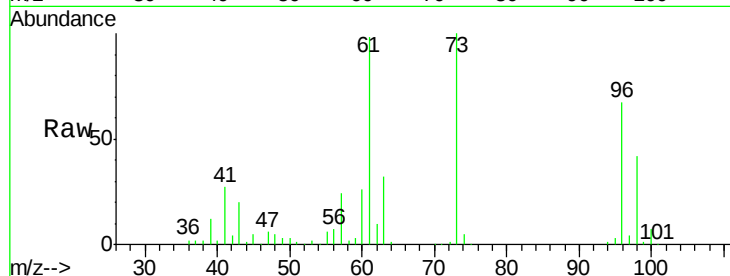
Tgt Ion: 96 Resp: 124971

Ion Ratio Lower Upper

96 100

61 146.7 106.9 198.5

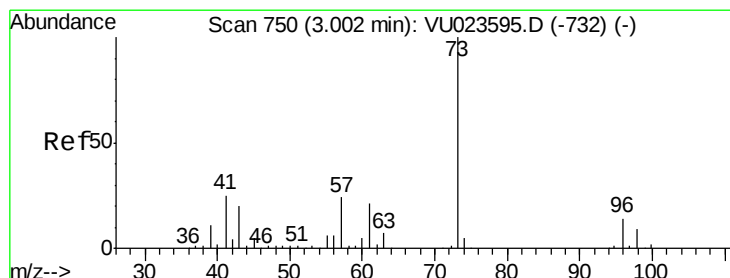
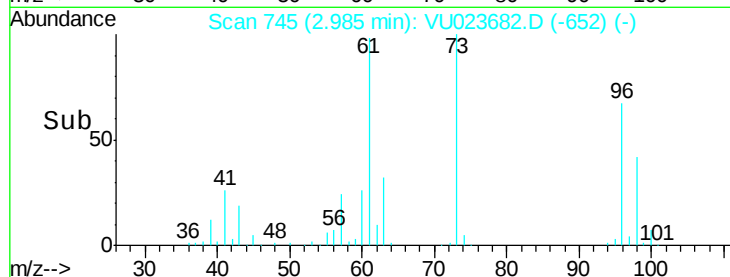
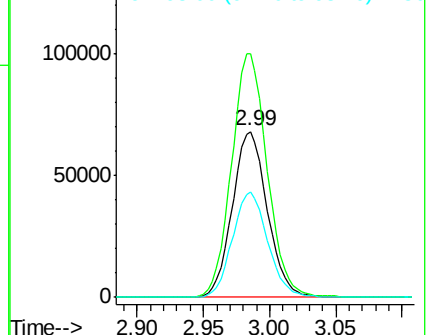
98 63.5 44.2 82.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#18

Methyl tert-butyl Ether

Concen: 47.37 ug/L

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU023682.D

Acq: 06 May 2018 10:52

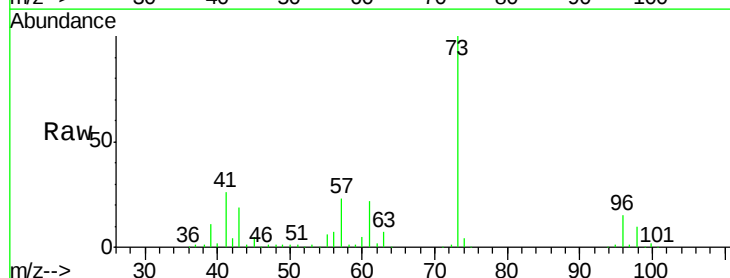
Tgt Ion: 73 Resp: 376043

Ion Ratio Lower Upper

73 100

43 19.4 15.5 23.3

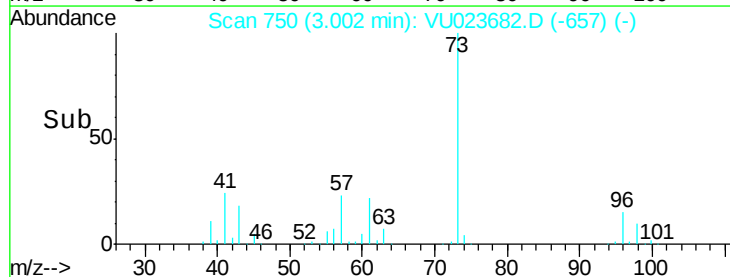
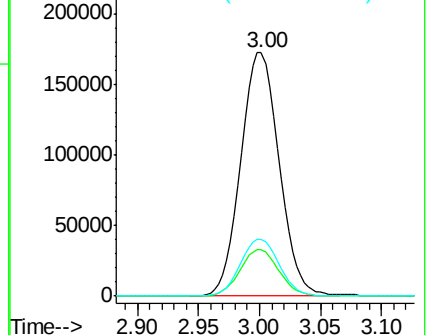
57 23.7 18.5 27.7

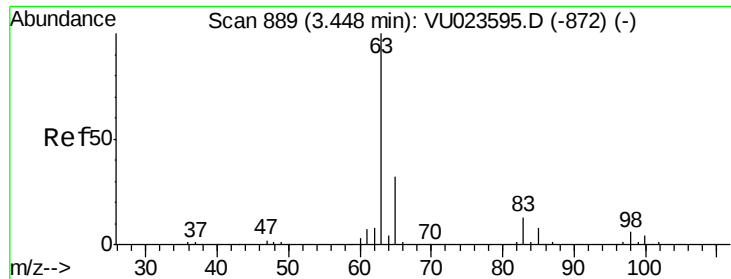


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#19

1,1-Dichloroethane

Concen: 46.70 ug/L

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU023682.D

Acq: 06 May 2018 10:52

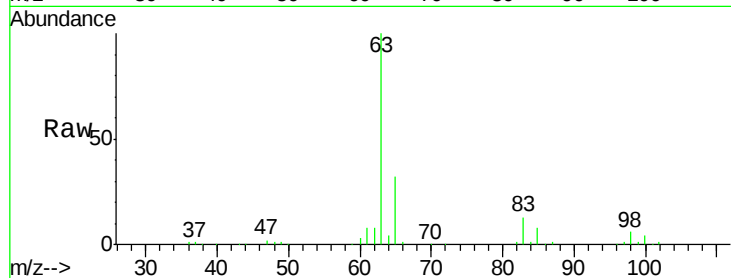
Tgt Ion: 63 Resp: 248887

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

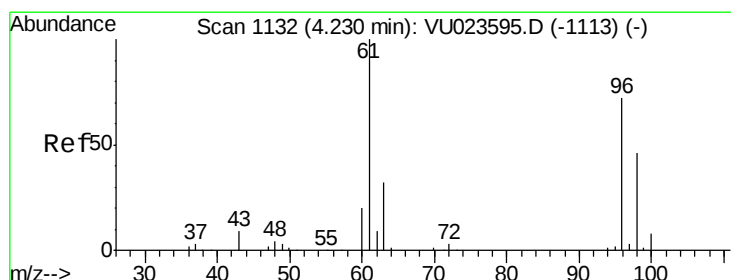
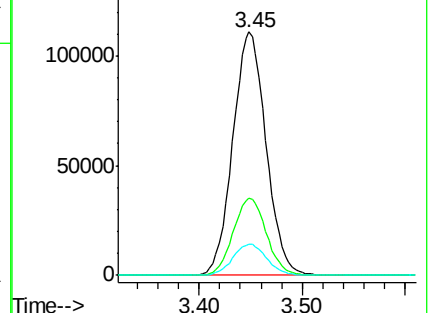
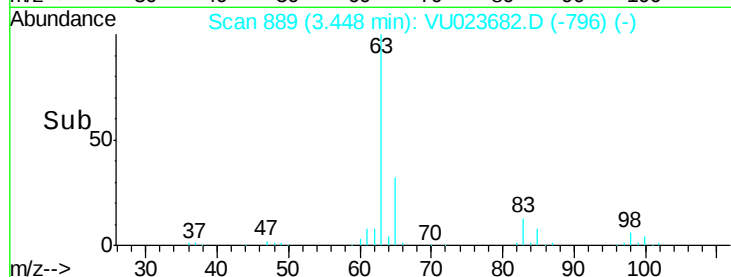
83 12.8 8.7 16.1



Abundance Ion 63.00 (62.70 to 63.70): VU023682.D (-1039) (-)

Ion 65.00 (64.70 to 65.70): VU023682.D (-1039) (-)

Ion 83.00 (82.70 to 83.70): VU023682.D (-1039) (-)



#20

cis-1,2-Dichloroethene

Concen: 47.46 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU023682.D

Acq: 06 May 2018 10:52

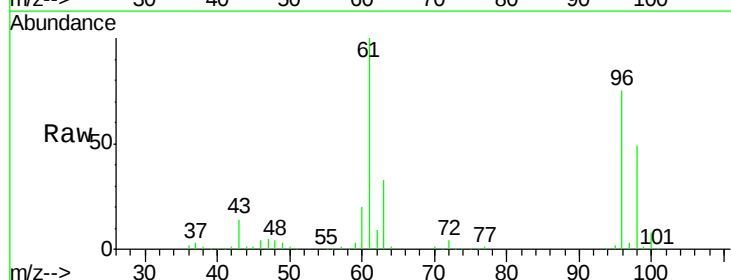
Tgt Ion: 96 Resp: 141464

Ion Ratio Lower Upper

96 100

61 133.1 95.3 177.1

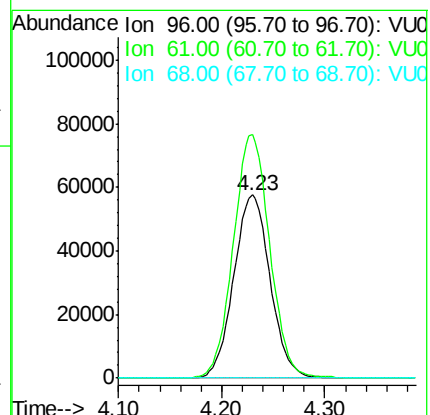
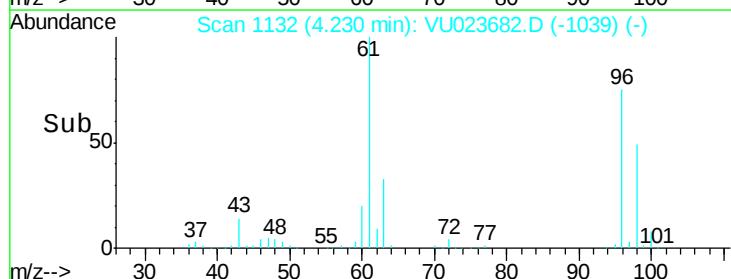
68 0.0 0.0 0.0

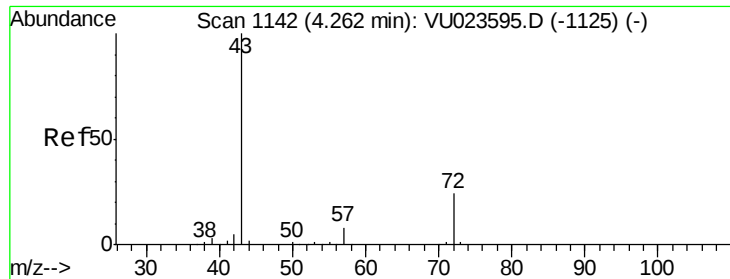


Abundance Ion 96.00 (95.70 to 96.70): VU023682.D (-1039) (-)

Ion 61.00 (60.70 to 61.70): VU023682.D (-1039) (-)

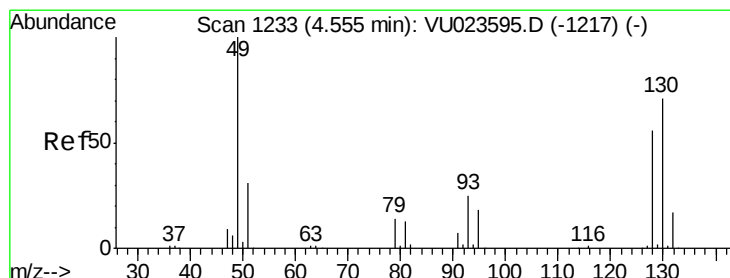
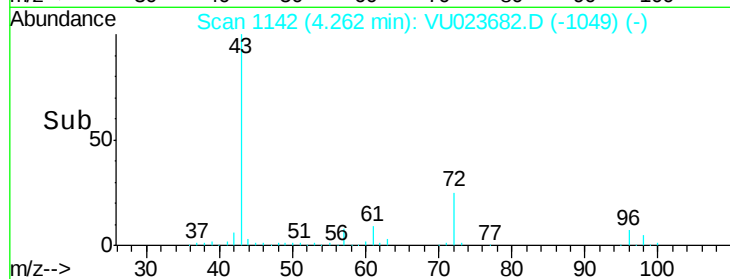
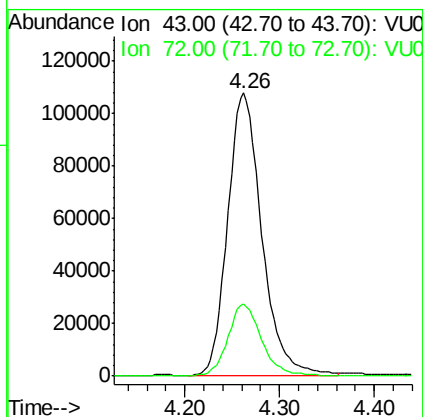
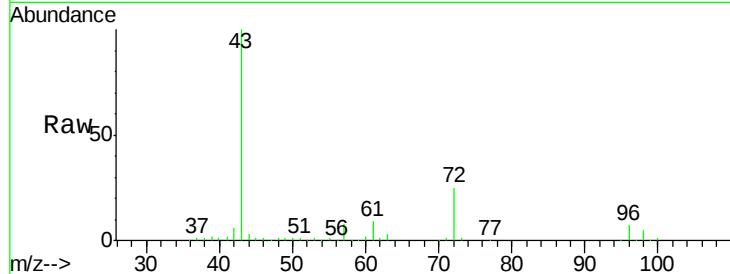
Ion 68.00 (67.70 to 68.70): VU023682.D (-1039) (-)





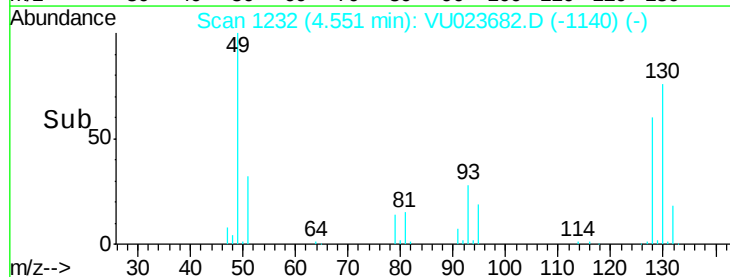
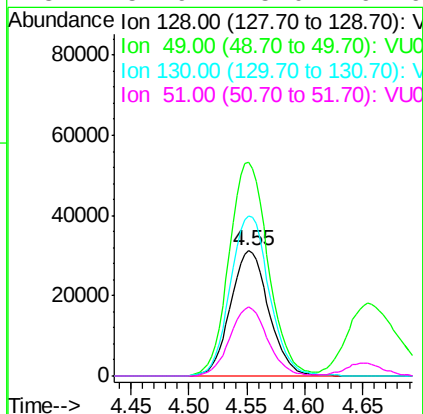
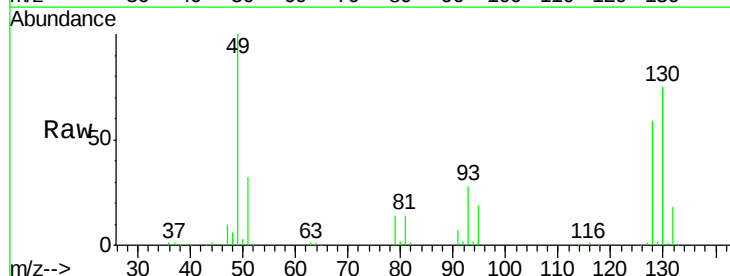
#22
2-Butanone
Concen: 98.88 ug/L
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU023682.D
Acq: 06 May 2018 10:52

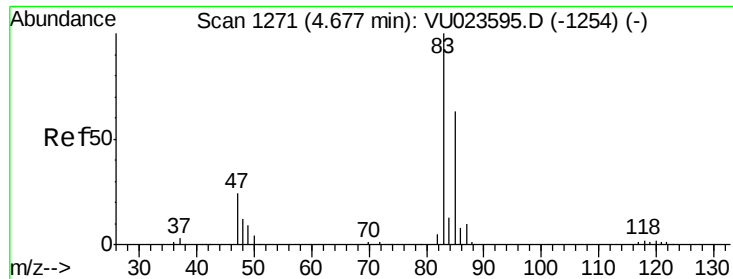
Tgt Ion: 43 Resp: 269049
Ion Ratio Lower Upper
43 100
72 25.5 12.3 36.8



#23
Bromochloromethane
Concen: 48.05 ug/L
RT: 4.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU023682.D
Acq: 06 May 2018 10:52

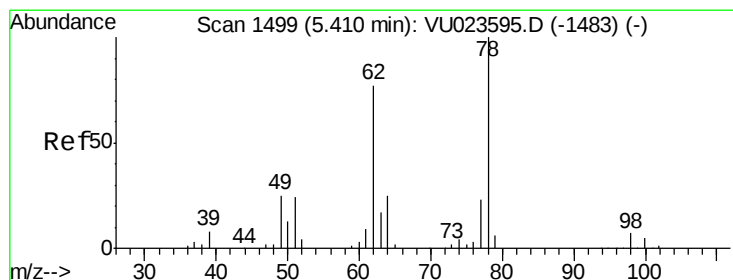
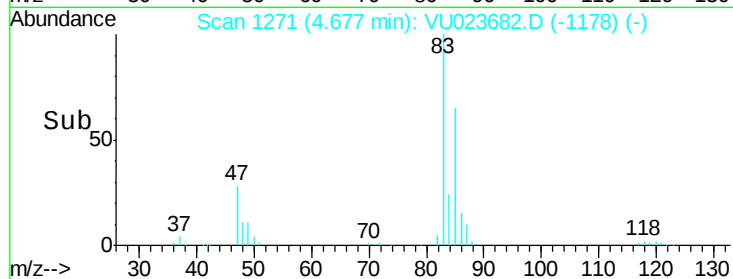
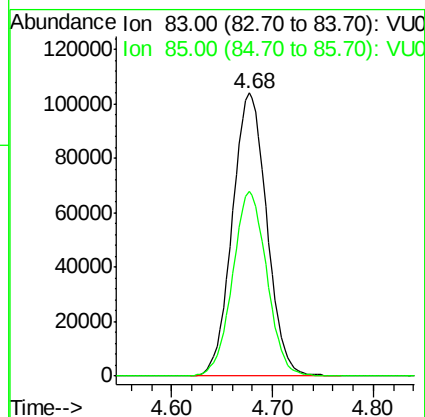
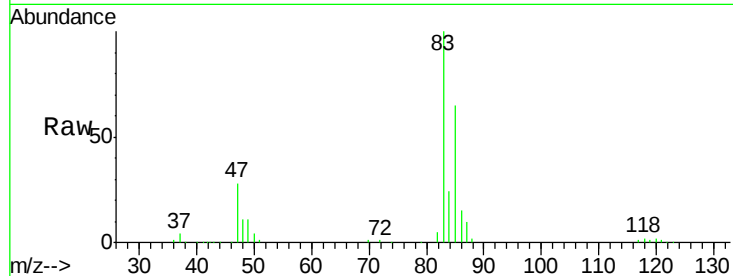
Tgt Ion: 128 Resp: 71892
Ion Ratio Lower Upper
128 100
49 170.7 123.7 229.7
130 128.2 90.6 168.3
51 54.9 45.0 67.6





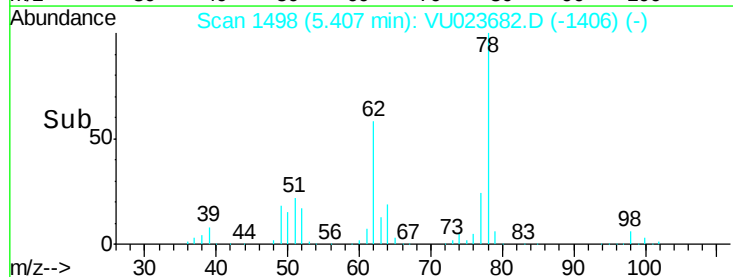
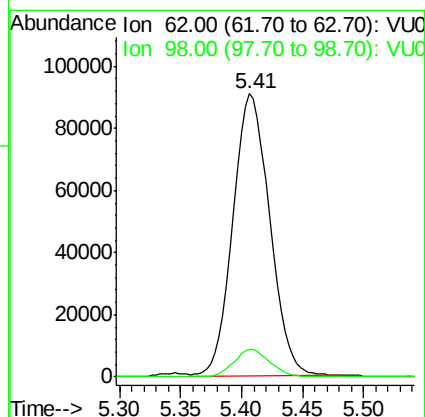
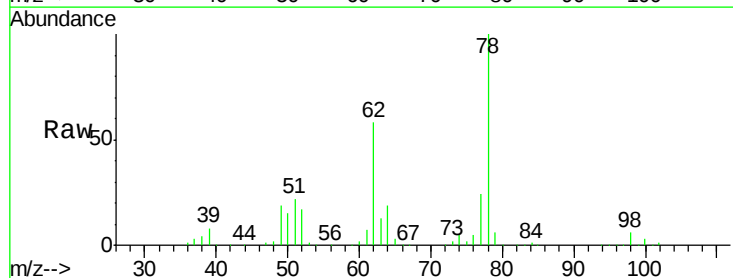
#25
Chloroform
Concen: 45.17 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023682.D
Acq: 06 May 2018 10:52

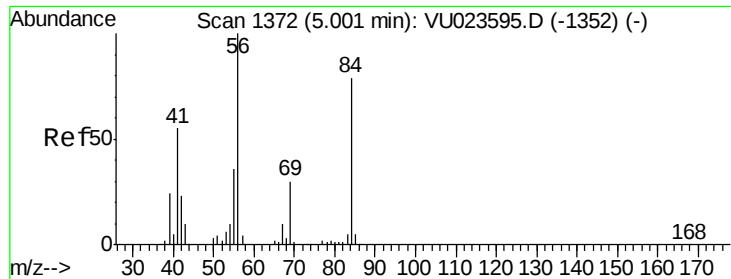
Tgt Ion: 83 Resp: 246891
Ion Ratio Lower Upper
83 100
85 65.4 44.4 82.5



#27
1,2-Dichloroethane
Concen: 47.03 ug/L
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU023682.D
Acq: 06 May 2018 10:52

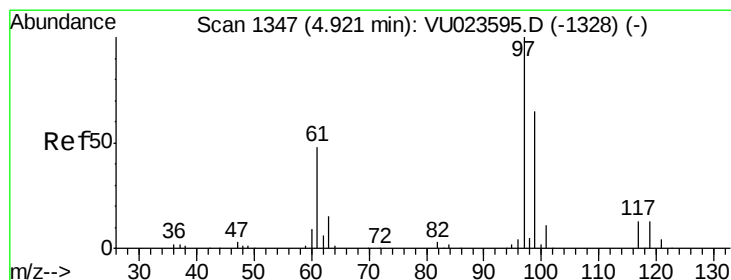
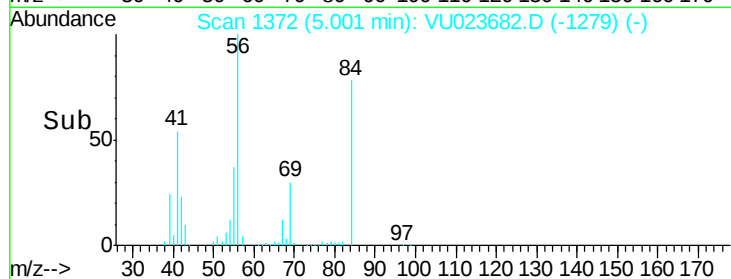
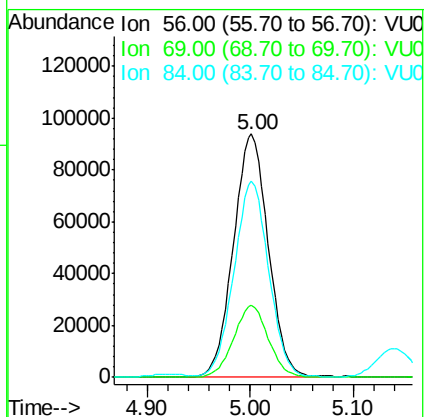
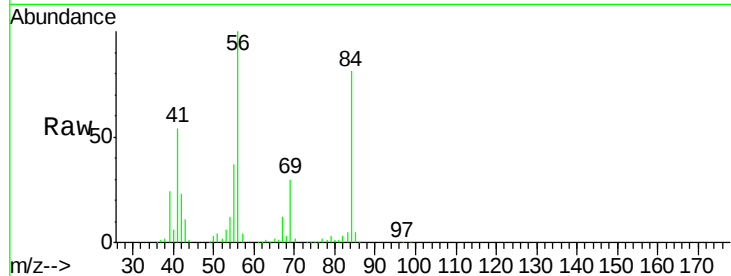
Tgt Ion: 62 Resp: 190607
Ion Ratio Lower Upper
62 100
98 9.8 7.3 10.9





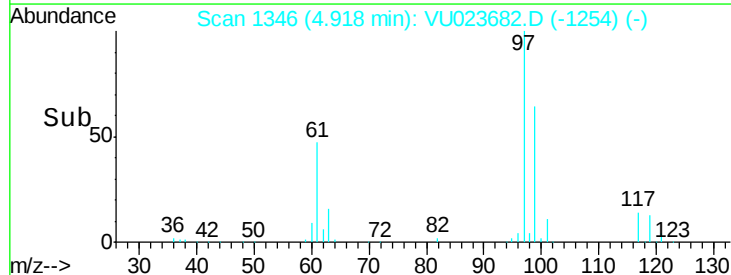
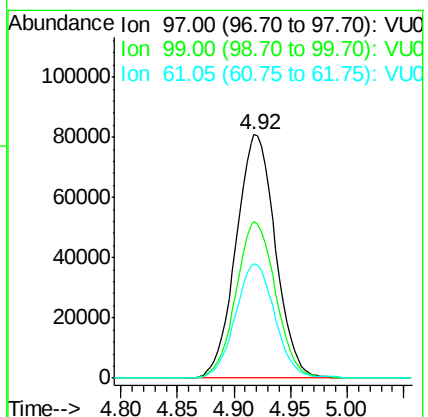
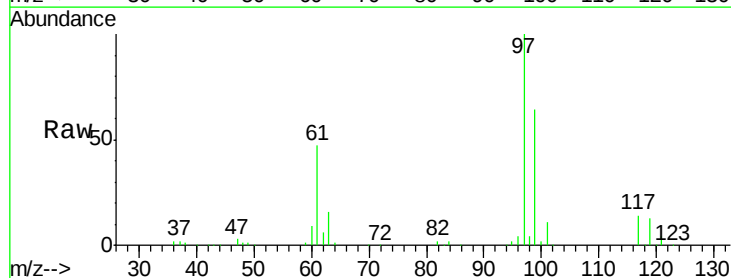
#29
Cyclohexane
Concen: 45.75 ug/L
RT: 5.00 min Scan# 1372
Delta R.T. -0.00 min
Lab File: VU023682.D
Acq: 06 May 2018 10:52

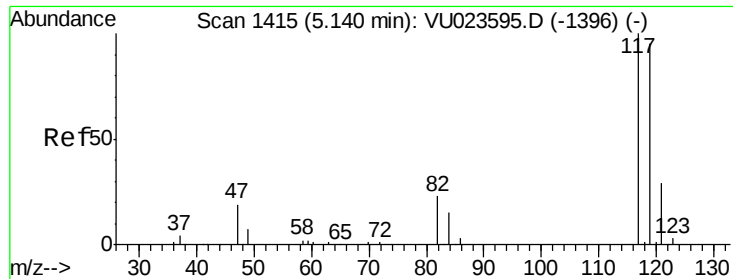
Tgt Ion:	56	Resp:	221509
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.5	35.3
84	80.6	63.8	95.8



#30
1,1,1-Trichloroethane
Concen: 47.18 ug/L
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU023682.D
Acq: 06 May 2018 10:52

Tgt Ion:	97	Resp:	195762
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.6
61	47.0	37.7	56.5





#31

Carbon tetrachloride

Concen: 48.21 ug/L

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU023682.D

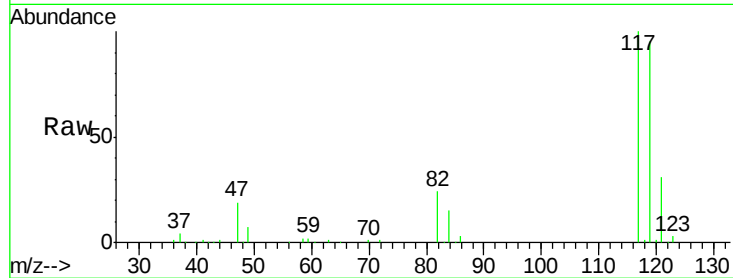
Acq: 06 May 2018 10:52

Tgt Ion: 117 Resp: 173840

Ion Ratio Lower Upper

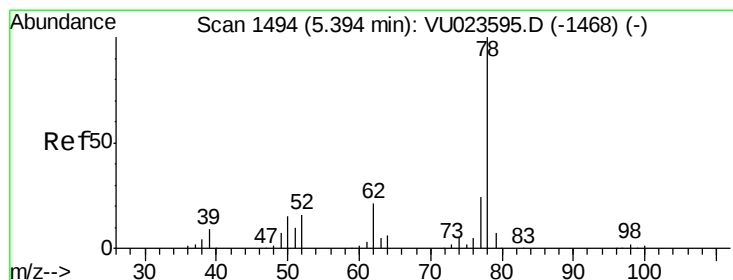
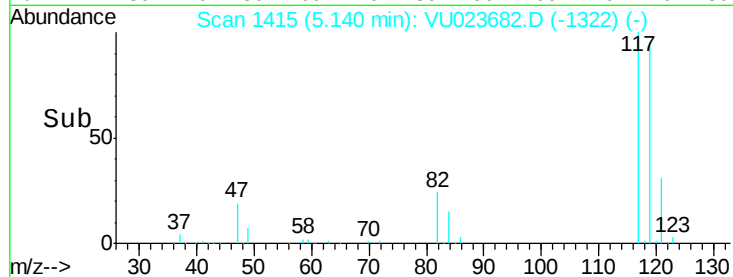
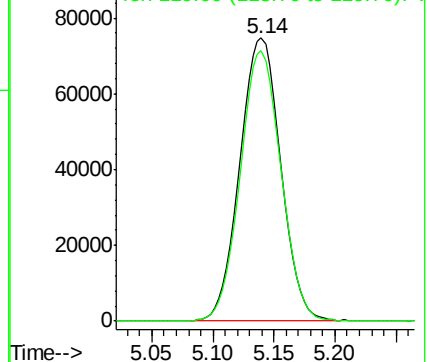
117 100

119 95.0 77.4 116.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 47.22 ug/L

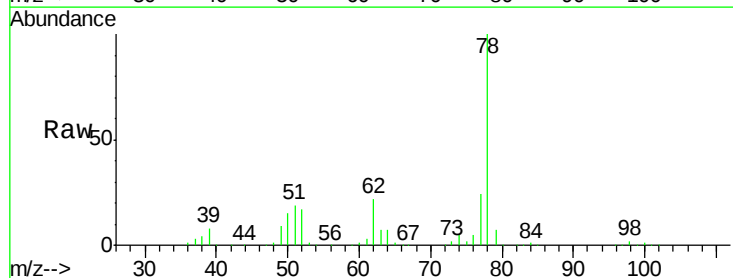
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

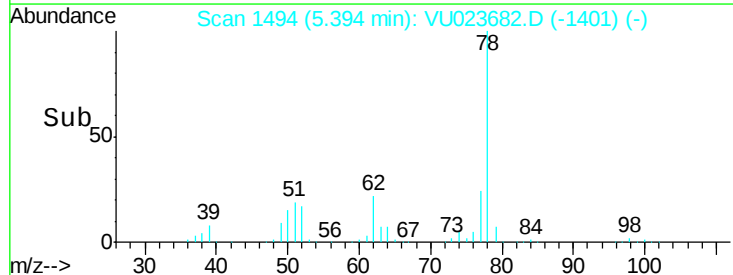
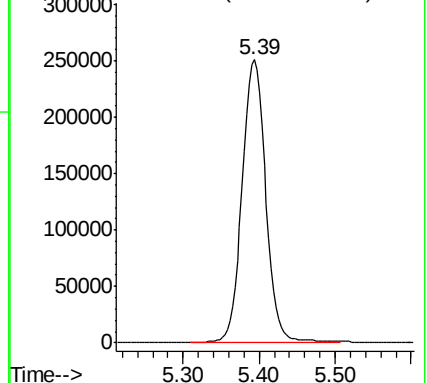
Lab File: VU023682.D

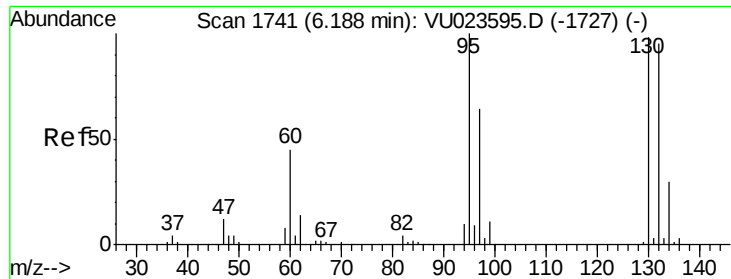
Acq: 06 May 2018 10:52

Tgt Ion: 78 Resp: 545143



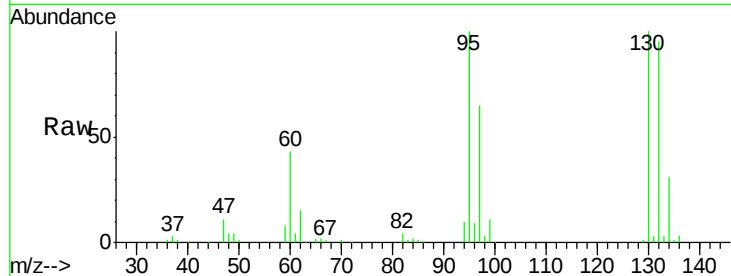
Abundance Ion 78.00 (77.70 to 78.70): VU0



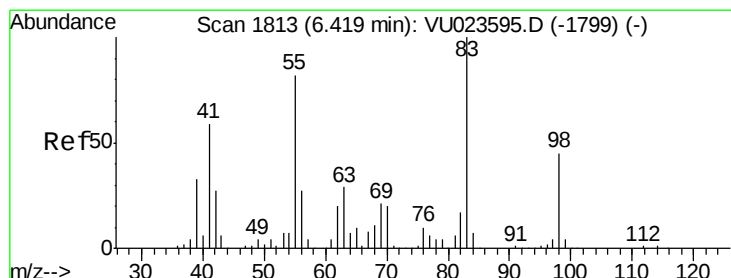
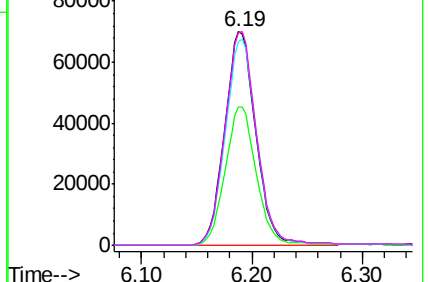
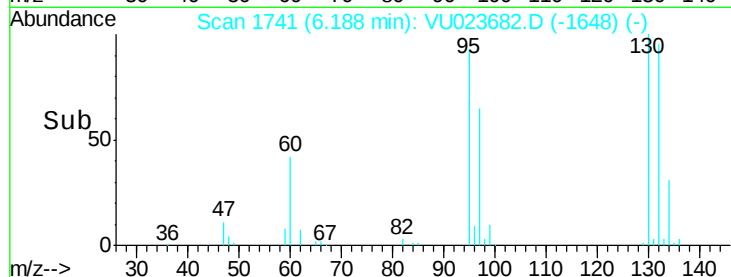


#34
 Trichloroethene
 Concen: 46.41 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

Tgt Ion: 95 Resp: 137273
 Ion Ratio Lower Upper
 95 100
 97 64.9 46.3 85.9
 132 95.2 68.5 127.1
 130 99.8 70.8 131.4

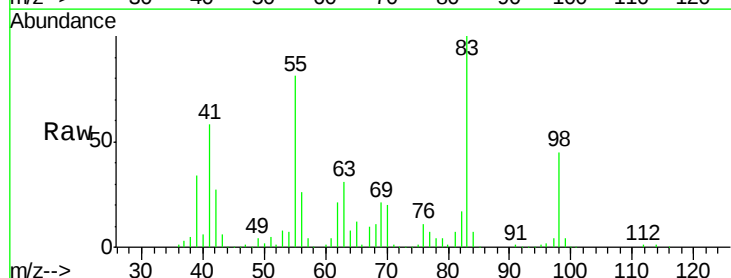


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

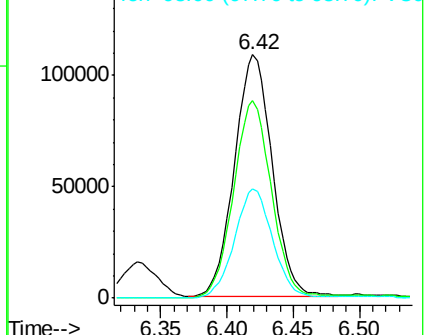
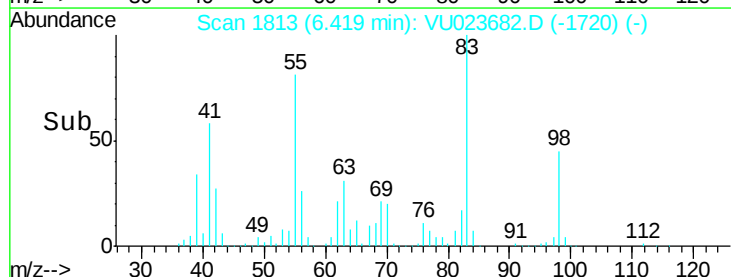


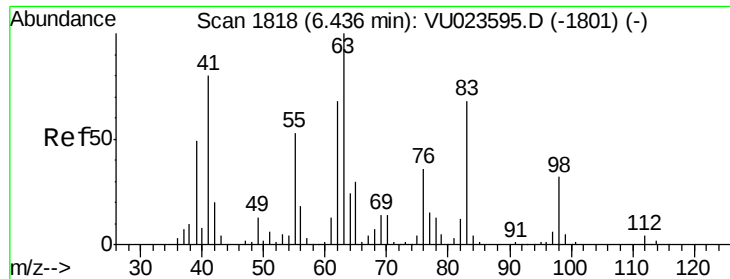
#35
 Methylcyclohexane
 Concen: 46.66 ug/L
 RT: 6.42 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

Tgt Ion: 83 Resp: 215884
 Ion Ratio Lower Upper
 83 100
 55 83.5 66.7 100.1
 98 45.8 36.6 54.8



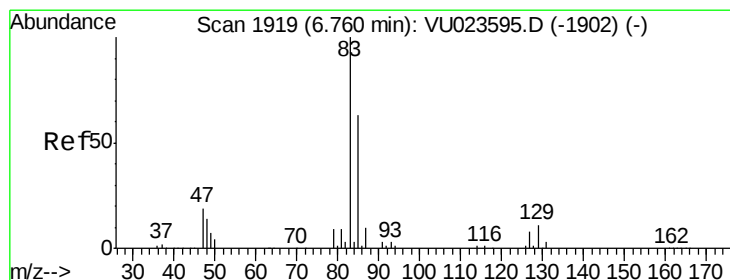
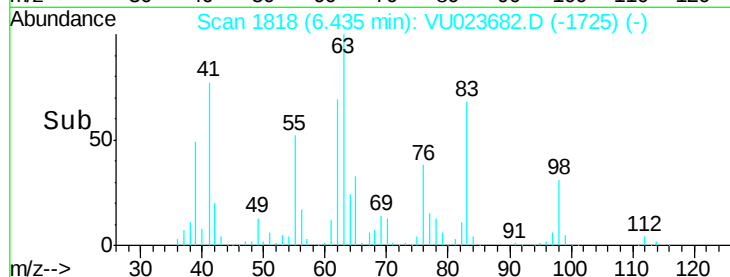
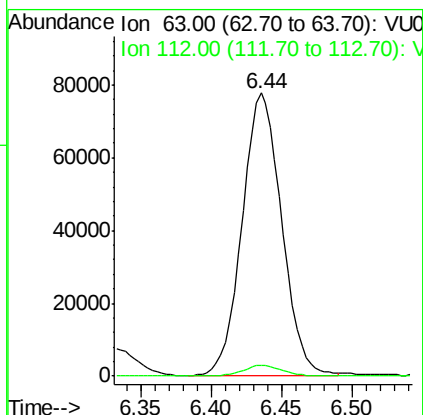
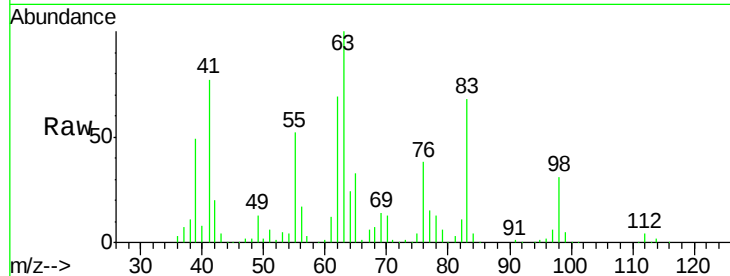
Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





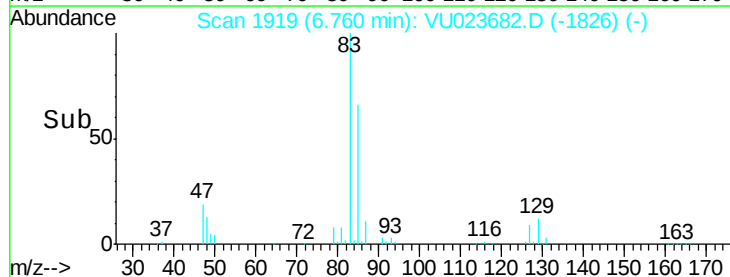
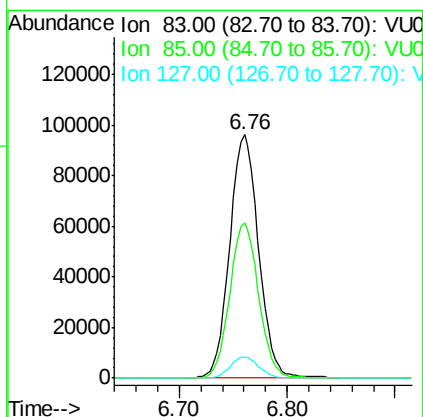
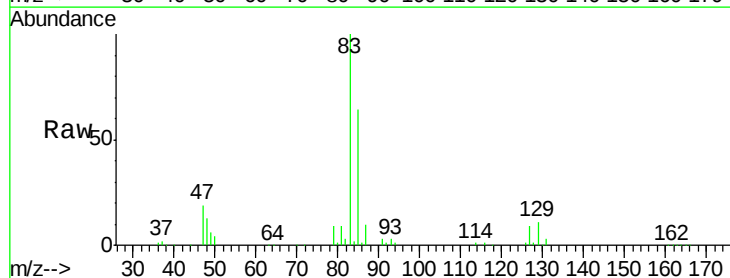
#37
 1,2-Dichloropropane
 Concen: 45.95 ug/L
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

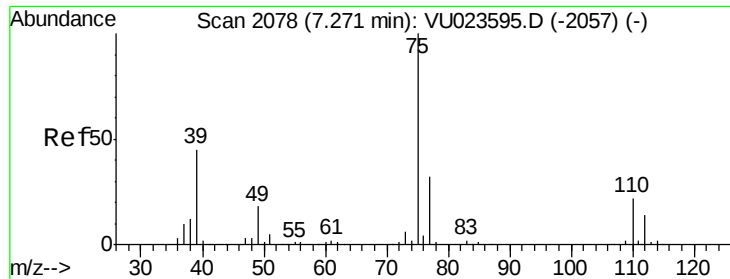
Tgt Ion: 63 Resp: 152064
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.1 4.7



#38
 Bromodichloromethane
 Concen: 47.64 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

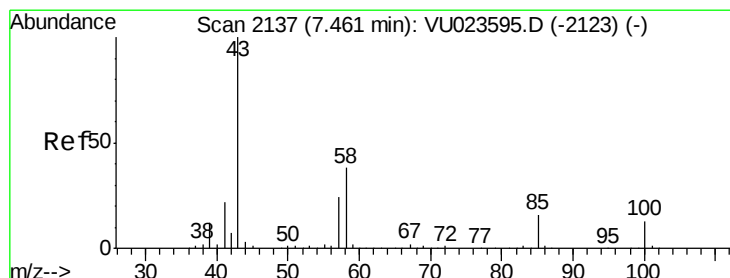
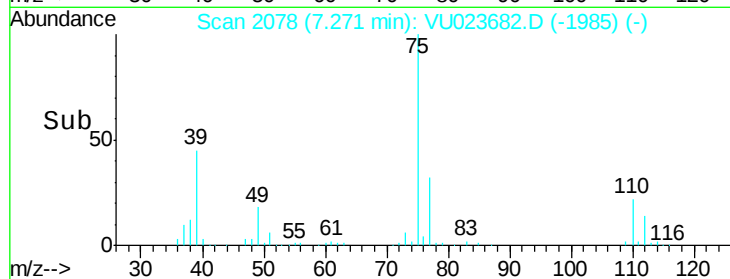
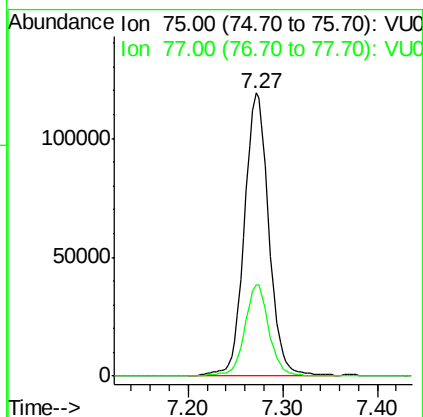
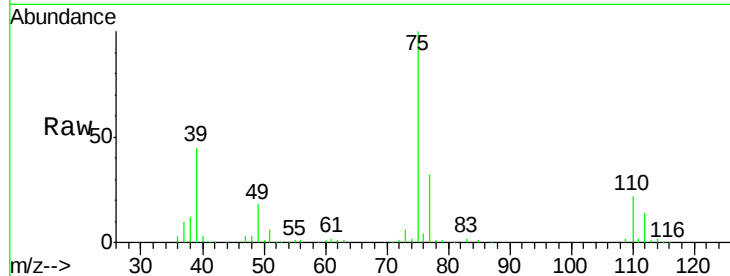
Tgt Ion: 83 Resp: 177840
 Ion Ratio Lower Upper
 83 100
 85 63.9 45.1 83.7
 127 8.7 6.9 10.3





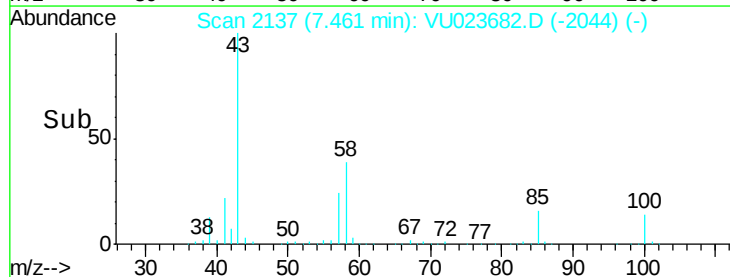
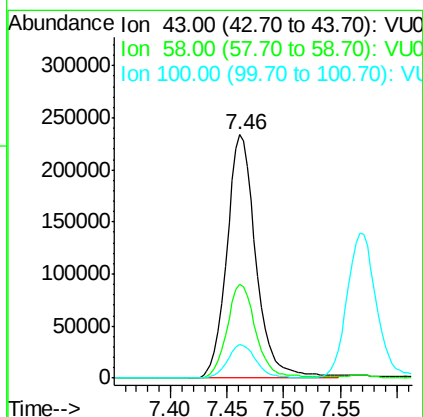
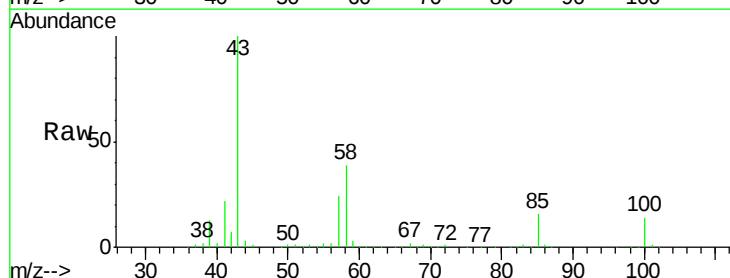
#39
 cis-1,3-Dichloropropene
 Concen: 47.14 ug/L
 RT: 7.27 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

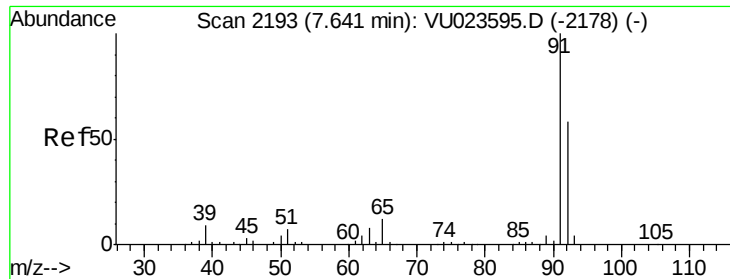
Tgt Ion: 75 Resp: 214930
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 103.73 ug/L
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

Tgt Ion: 43 Resp: 419046
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.8 46.2
 100 13.7 10.7 16.1





#42

Toluene

Concen: 48.32 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023682.D

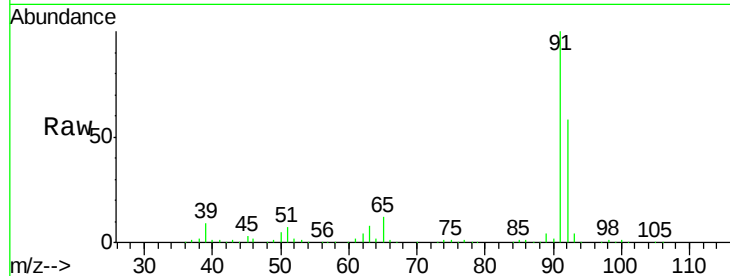
Acq: 06 May 2018 10:52

Tgt Ion: 91 Resp: 578232

Ion Ratio Lower Upper

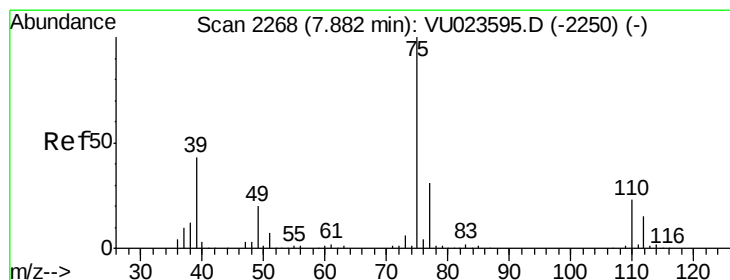
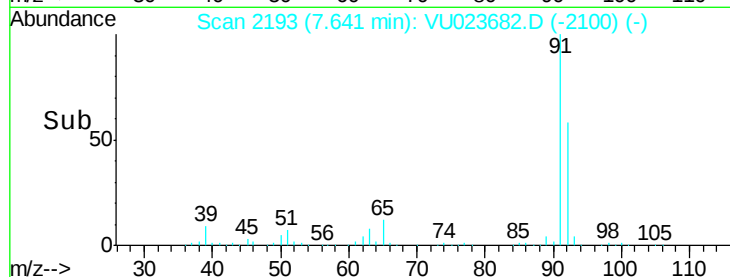
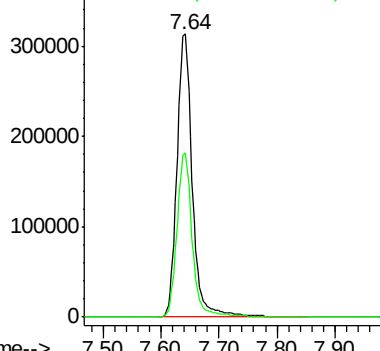
91 100

92 58.2 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 48.63 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU023682.D

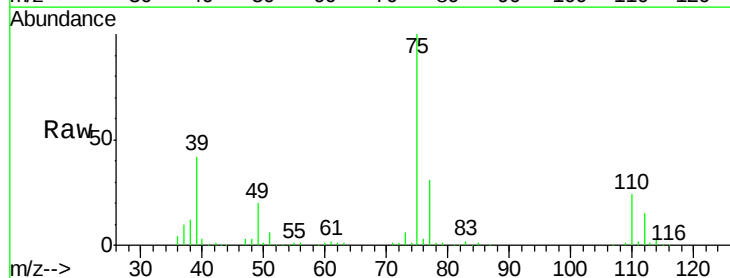
Acq: 06 May 2018 10:52

Tgt Ion: 75 Resp: 197837

Ion Ratio Lower Upper

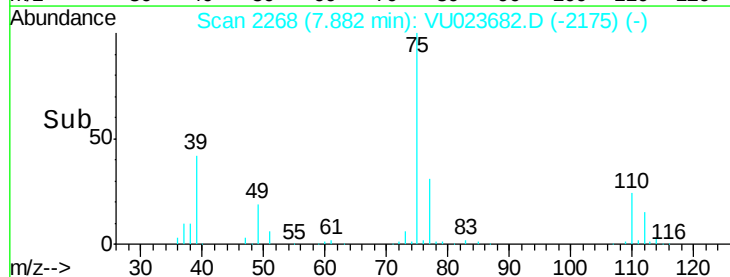
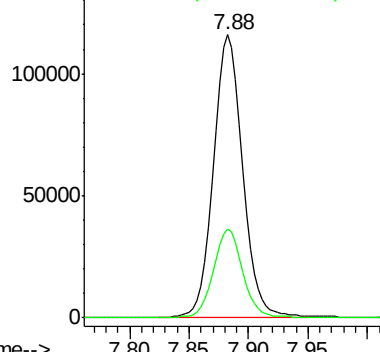
75 100

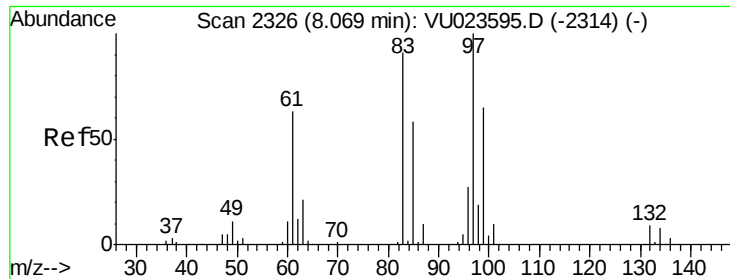
77 31.4 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

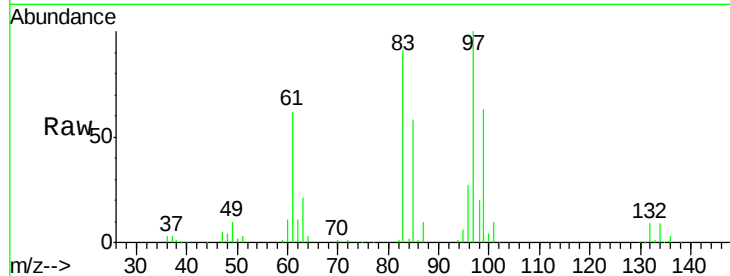
Ion 77.00 (76.70 to 77.70): VU0





#45
 1,1,2-Trichloroethane
 Concen: 47.34 ug/L
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

Tgt Ion:	97	Resp:	133085
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.2	82.2
83	91.5	63.1	117.1
85	57.7	40.3	74.8

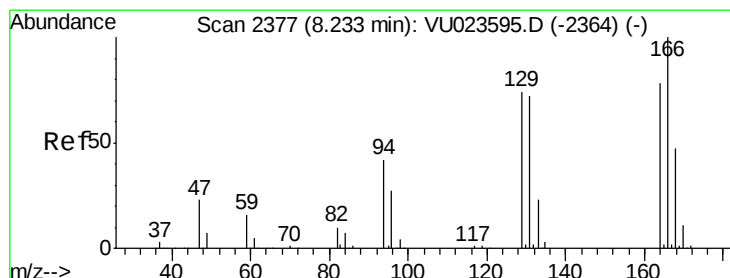
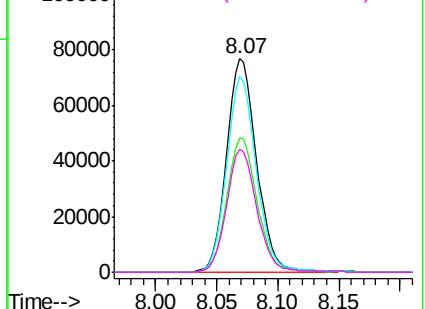
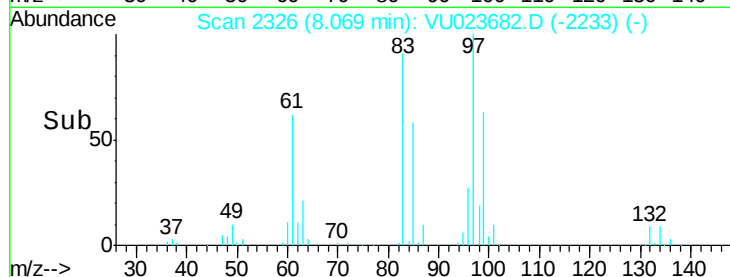


Abundance Ion 97.00 (96.70 to 97.70): VU023682.D (-2233) (-)

Ion 99.00 (98.70 to 99.70): VU023682.D (-2233) (-)

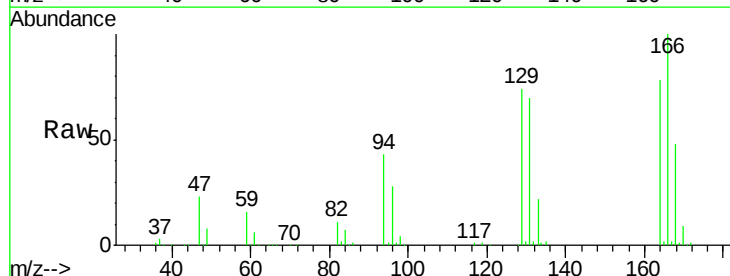
Ion 83.00 (82.70 to 83.70): VU023682.D (-2233) (-)

Ion 85.00 (84.70 to 85.70): VU023682.D (-2233) (-)



#46
 Tetrachloroethene
 Concen: 46.70 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

Tgt Ion:	164	Resp:	112582
Ion	Ratio	Lower	Upper
164	100		
129	94.9	64.2	119.2
131	90.0	64.1	119.1
166	128.7	89.4	166.0

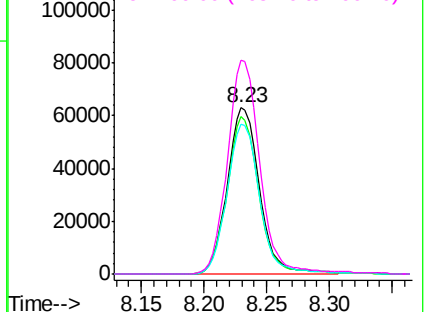
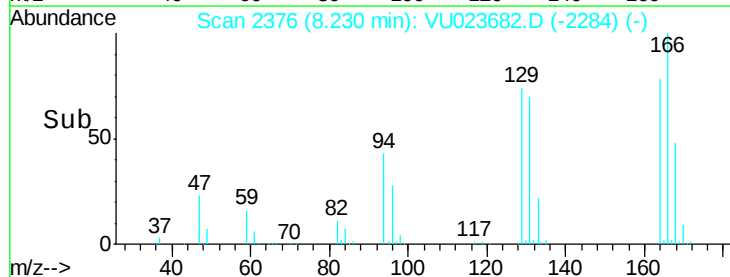


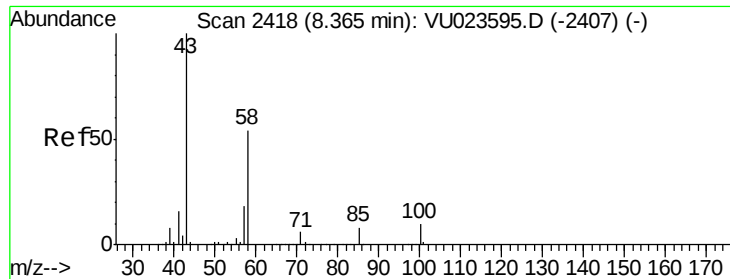
Abundance Ion 164.00 (163.70 to 164.70): VU023682.D (-2284) (-)

Ion 129.00 (128.70 to 129.70): VU023682.D (-2284) (-)

Ion 131.00 (130.70 to 131.70): VU023682.D (-2284) (-)

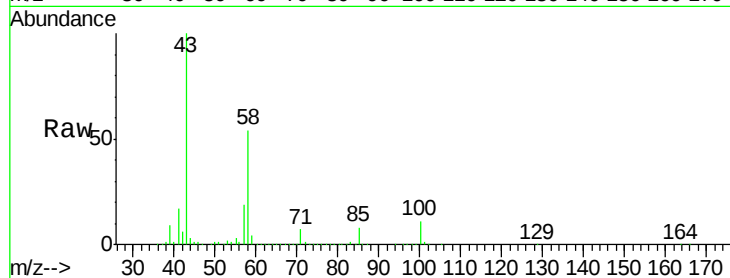
Ion 166.00 (165.70 to 166.70): VU023682.D (-2284) (-)



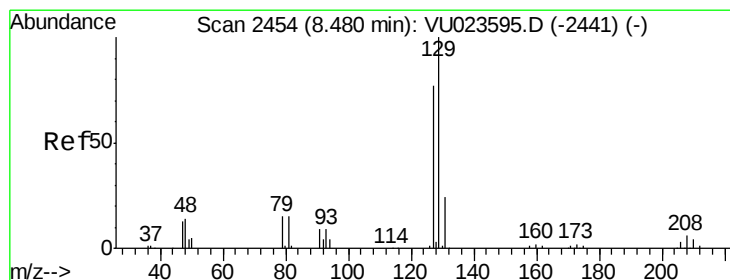
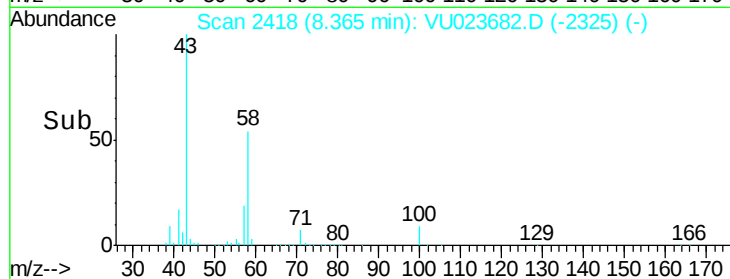
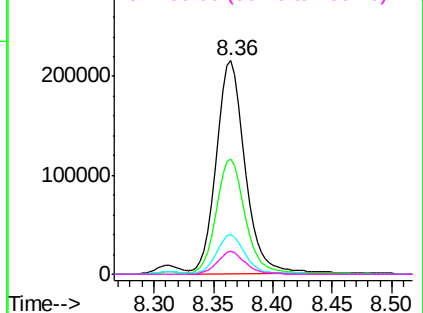


#48
 2-Hexanone
 Concen: 102.35 ug/L
 RT: 8.36 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

Tgt Ion:	43	Resp:	360114
Ion	Ratio	Lower	Upper
43	100		
58	54.7	43.0	64.6
57	18.5	14.6	22.0
100	10.4	8.4	12.6

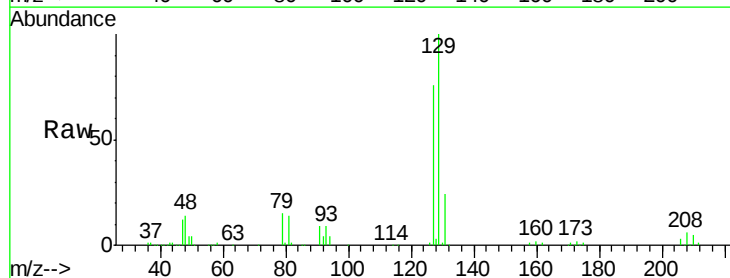


Abundance Ion 43.00 (42.70 to 43.70): VU023595.D (-2407) (-)
 Ion 58.00 (57.70 to 58.70): VU023595.D (-2407) (-)
 Ion 57.00 (56.70 to 57.70): VU023595.D (-2407) (-)
 Ion 100.00 (99.70 to 100.70): VU023595.D (-2407) (-)

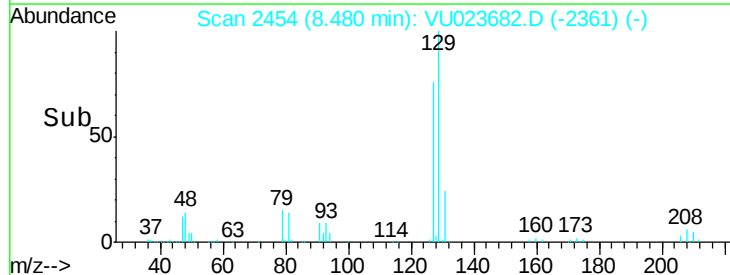
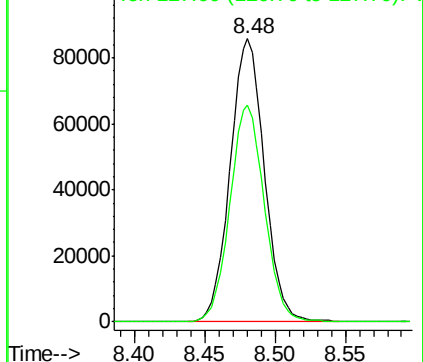


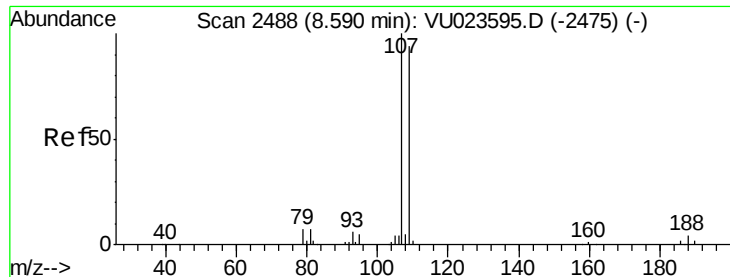
#49
 Dibromochloromethane
 Concen: 49.19 ug/L
 RT: 8.48 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

Tgt Ion:	129	Resp:	145665
Ion	Ratio	Lower	Upper
129	100		
127	76.5	53.3	99.1



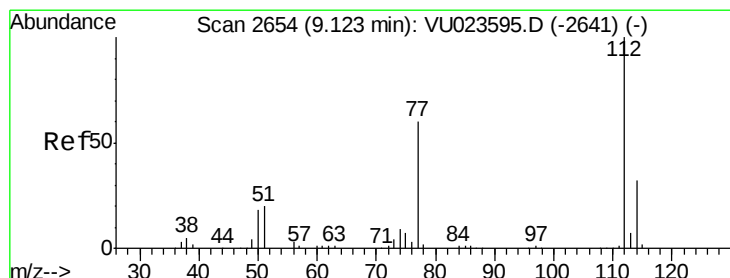
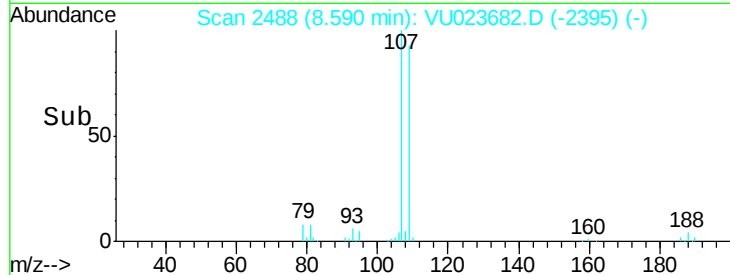
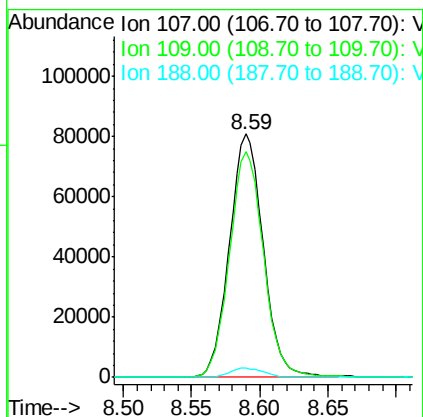
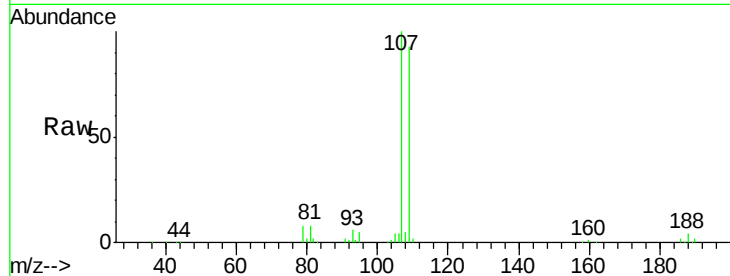
Abundance Ion 129.00 (128.70 to 129.70): VU023595.D (-2441) (-)
 Ion 127.00 (126.70 to 127.70): VU023595.D (-2441) (-)





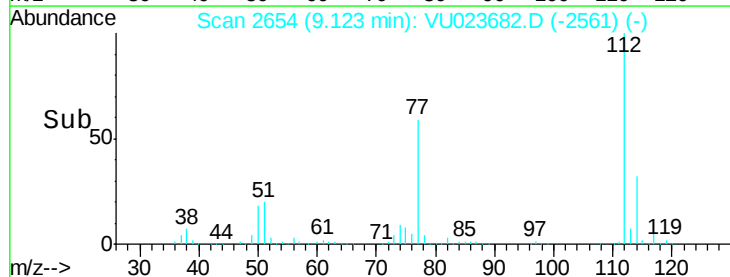
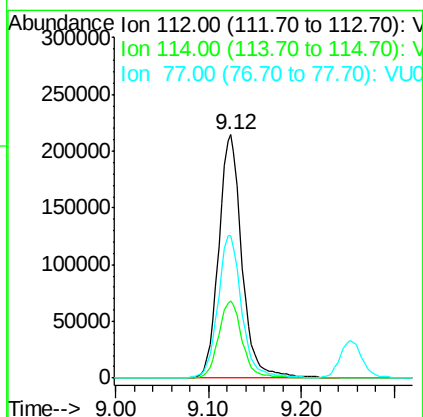
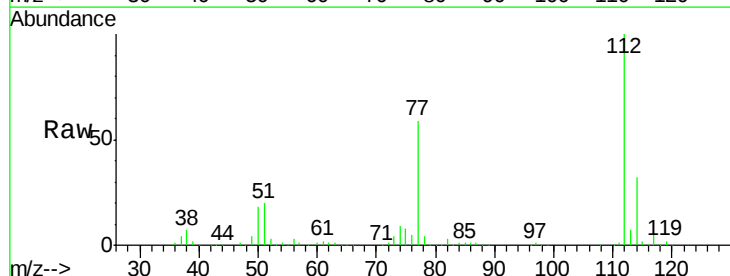
#50
 1,2-Dibromoethane
 Concen: 49.01 ug/L
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

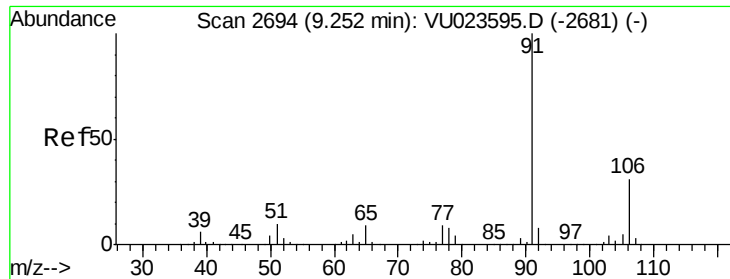
Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.5	66.1	122.7
188	3.8	3.2	4.8



#51
 Chlorobenzene
 Concen: 46.66 ug/L
 RT: 9.12 min Scan# 2654
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.7	42.3
77	58.7	47.5	71.3





#52

Ethylbenzene

Concen: 48.13 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023682.D

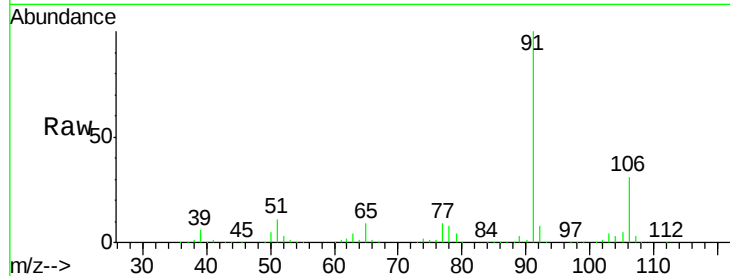
Acq: 06 May 2018 10:52

Tgt Ion: 91 Resp: 624246

Ion Ratio Lower Upper

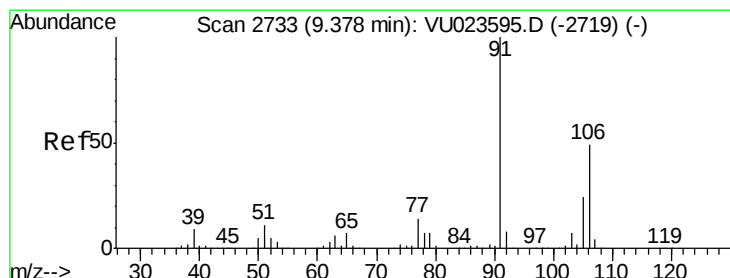
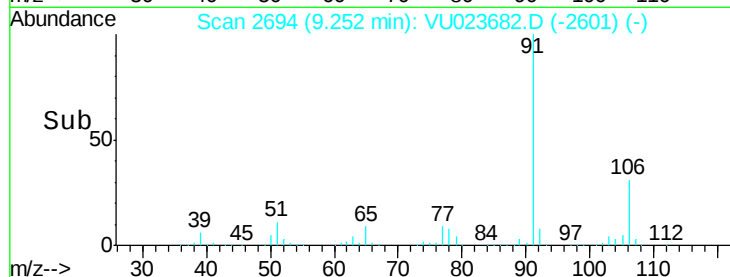
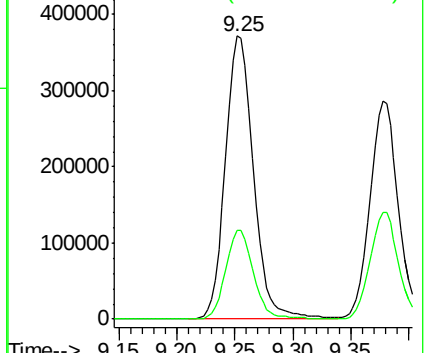
91 100

106 31.4 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#53

m,p-Xylene

Concen: 49.15 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023682.D

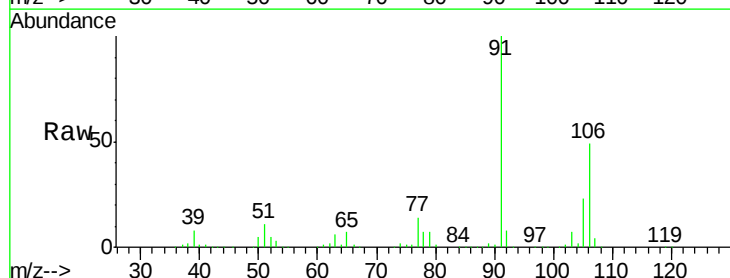
Acq: 06 May 2018 10:52

Tgt Ion: 106 Resp: 243149

Ion Ratio Lower Upper

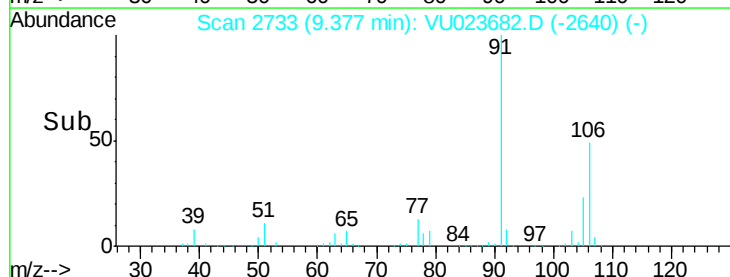
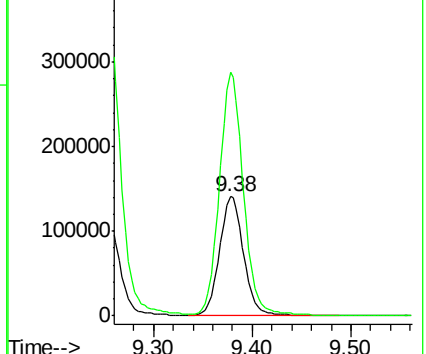
106 100

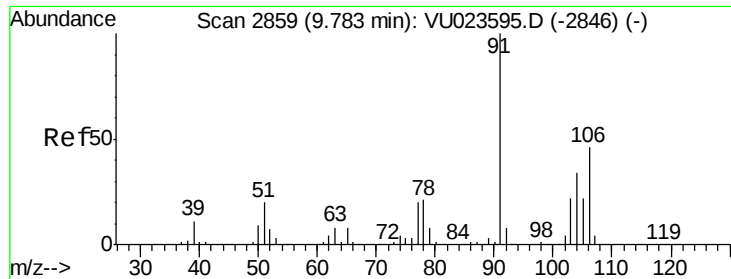
91 203.8 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

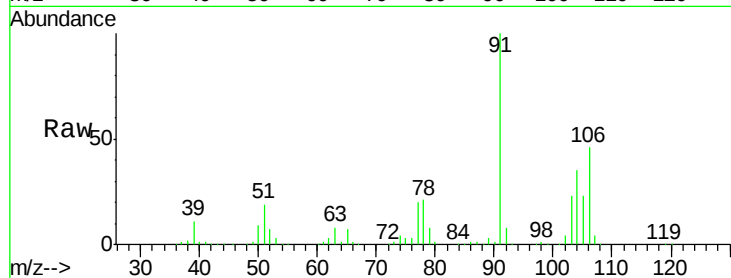
Ion 91.00 (90.70 to 91.70): VU0



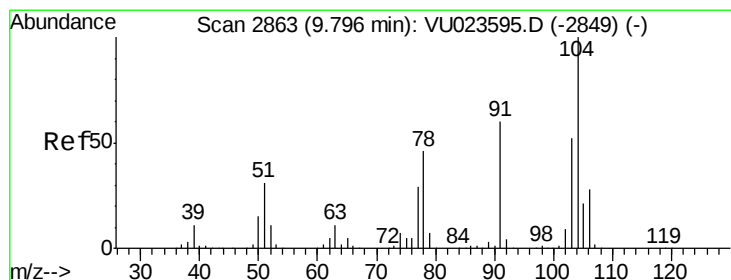
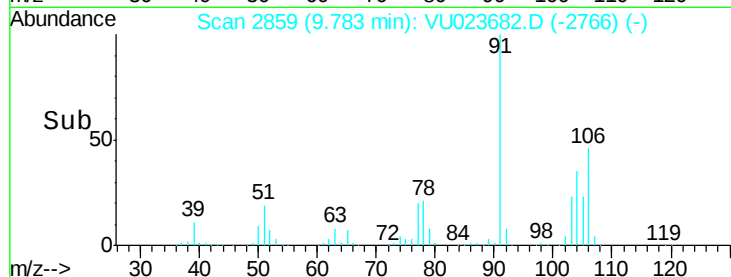
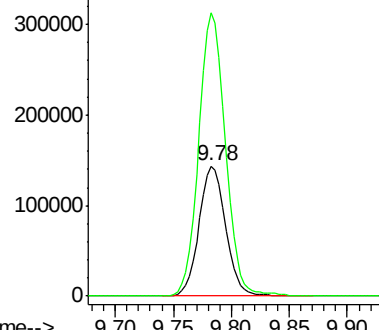


#54
o-xylene
Concen: 48.99 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023682.D
Acq: 06 May 2018 10:52

Tgt Ion:106 Resp: 229612
Ion Ratio Lower Upper
106 100
91 217.8 148.9 276.5

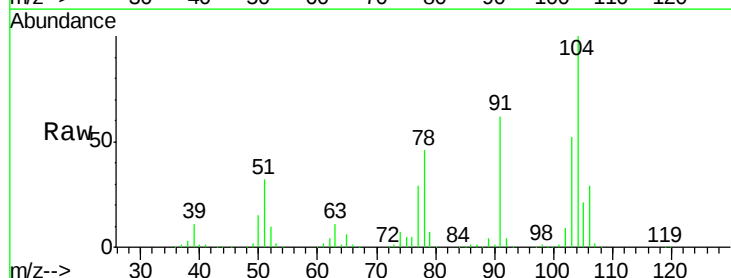


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

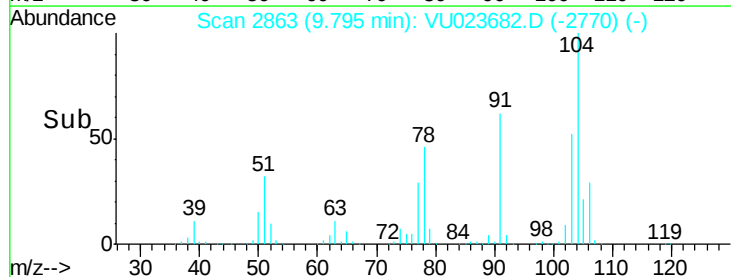
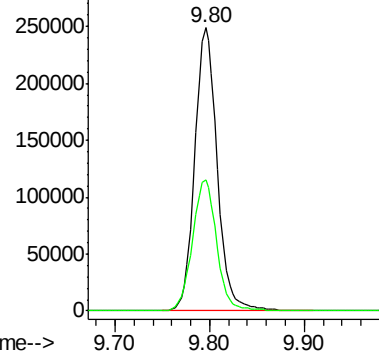


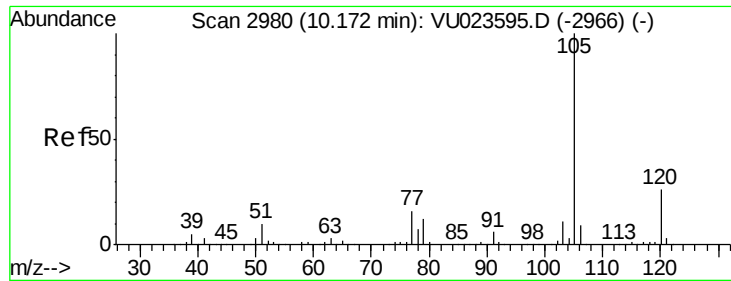
#55
Styrene
Concen: 49.96 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023682.D
Acq: 06 May 2018 10:52

Tgt Ion:104 Resp: 409691
Ion Ratio Lower Upper
104 100
78 46.3 32.1 59.7



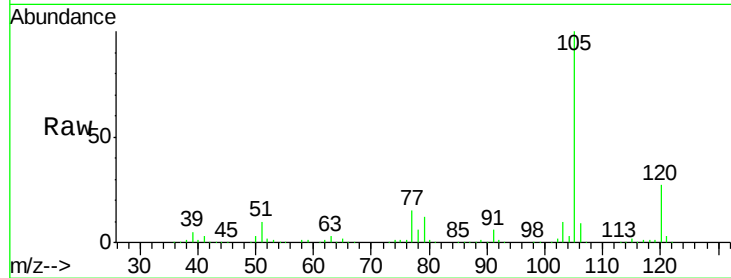
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0



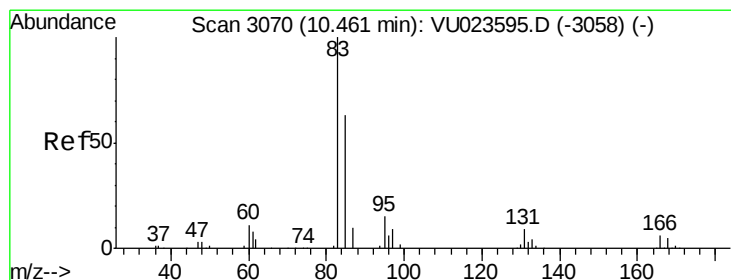
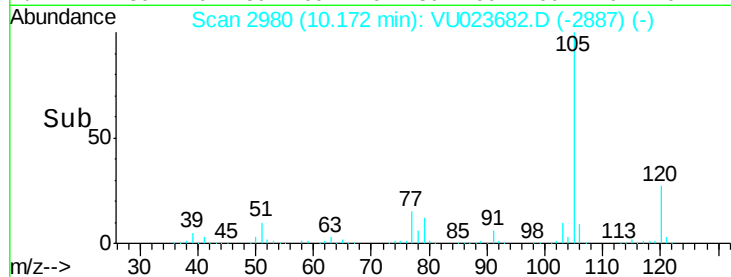
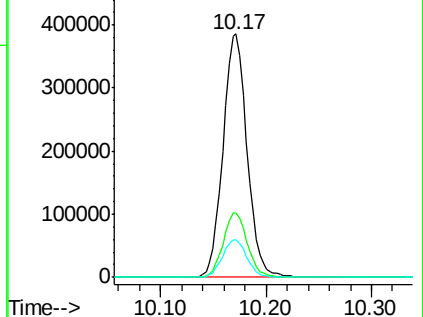


#56
Isopropylbenzene
Concen: 49.37 ug/L
RT: 10.17 min Scan# 2980
Delta R.T. -0.00 min
Lab File: VU023682.D
Acq: 06 May 2018 10:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	20.9	31.3
77	15.8	12.6	18.8

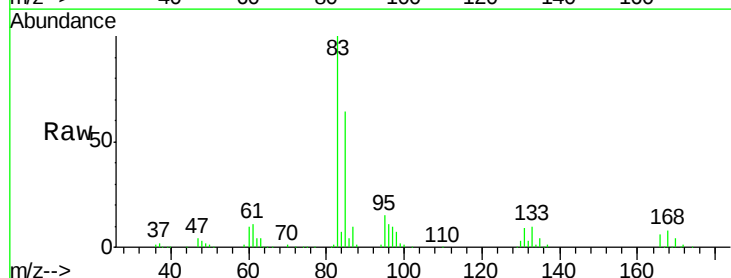


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): V

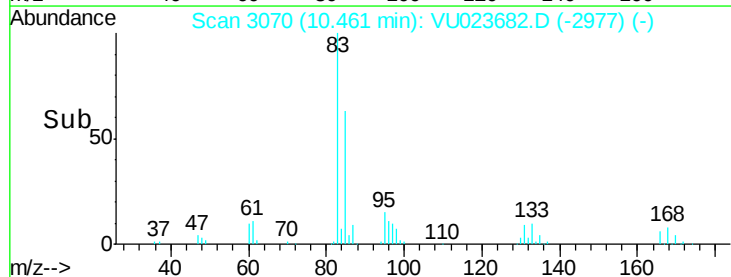
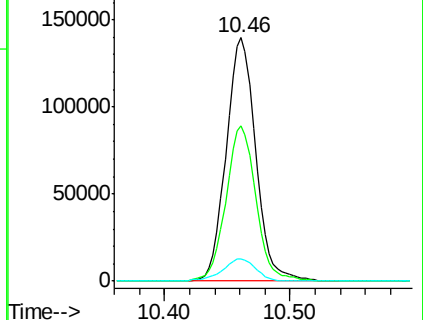


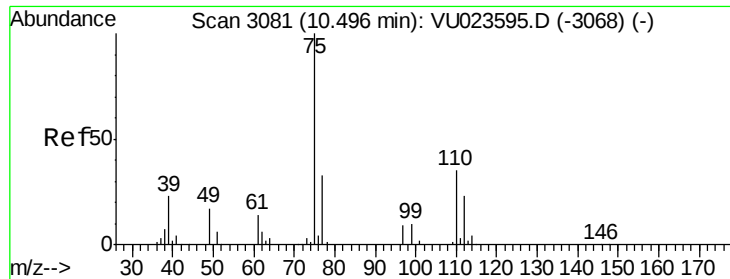
#58
1,1,2,2-Tetrachloroethane
Concen: 49.50 ug/L
RT: 10.46 min Scan# 3070
Delta R.T. -0.00 min
Lab File: VU023682.D
Acq: 06 May 2018 10:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	45.6	84.6
131	9.3	7.9	11.9



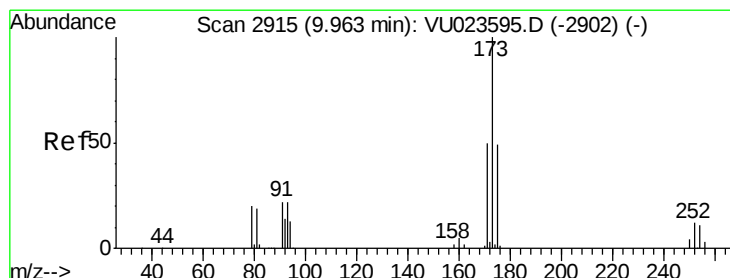
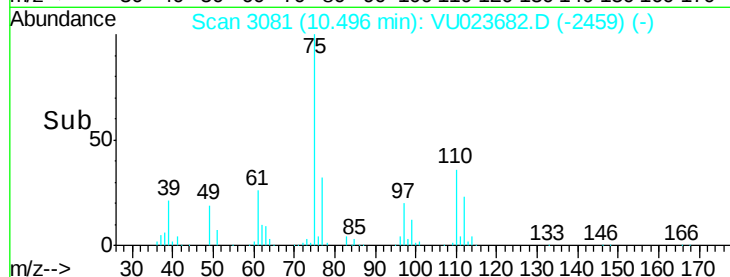
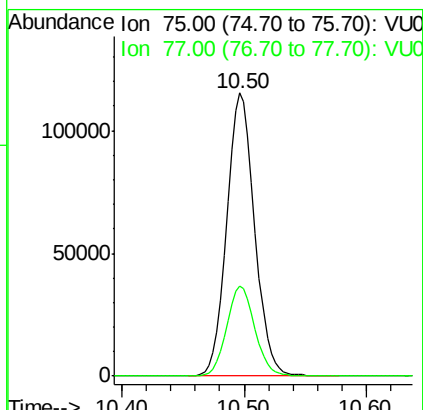
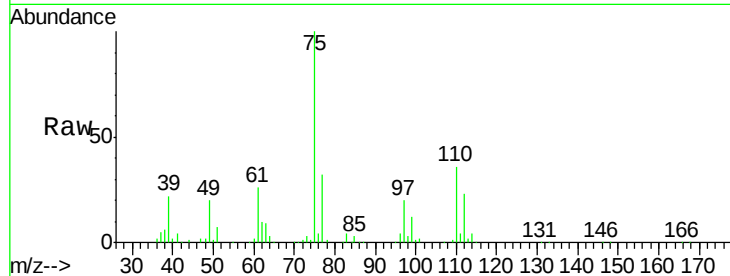
Abundance Ion 83.00 (82.70 to 83.70): VU
Ion 85.00 (84.70 to 85.70): VU
Ion 131.00 (130.70 to 131.70): V





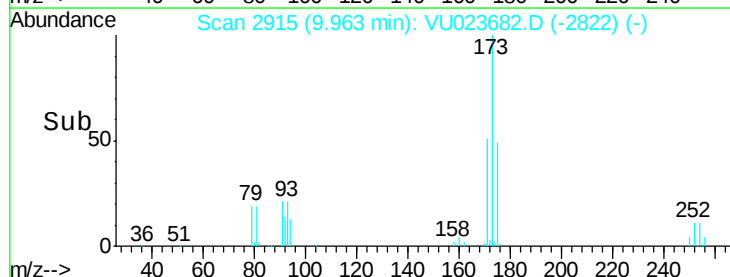
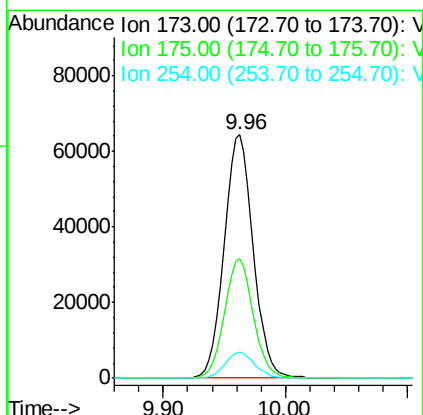
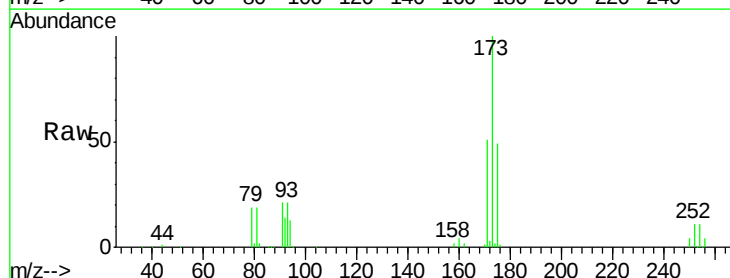
#59
 1,2,3-Trichloropropane
 Concen: 50.52 ug/L
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

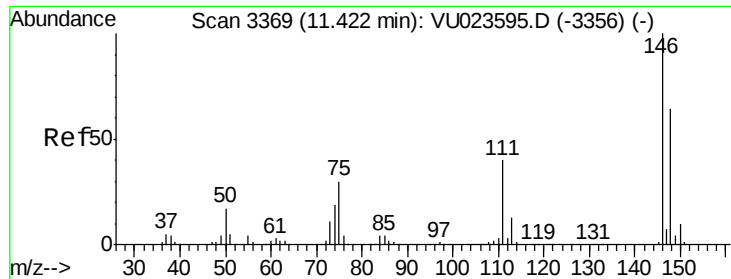
Tgt Ion: 75 Resp: 184529
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.9 38.9



#61
 Bromoform
 Concen: 50.16 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

Tgt Ion: 173 Resp: 107654
 Ion Ratio Lower Upper
 173 100
 175 48.5 39.0 58.4
 254 10.7 8.8 13.2





#62

1,3-Dichlorobenzene

Concen: 47.00 ug/L

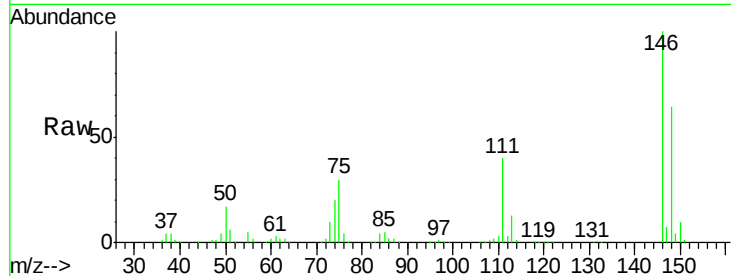
RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

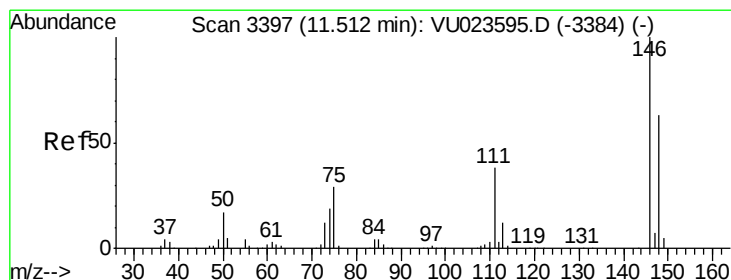
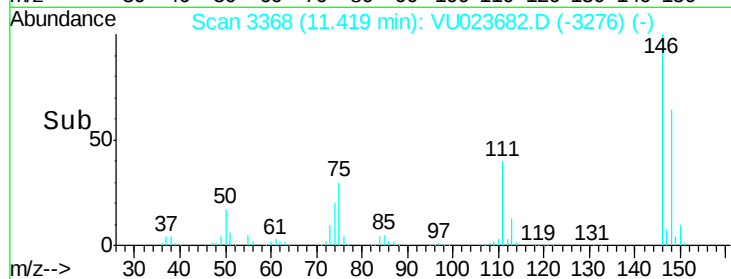
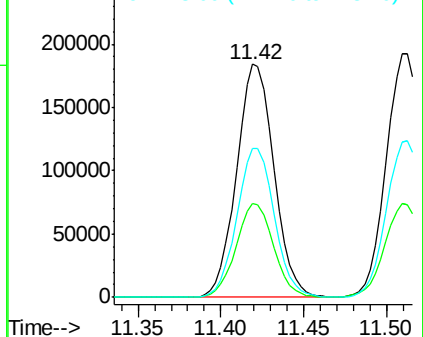
Lab File: VU023682.D

Acq: 06 May 2018 10:52

Tgt Ion:	146	Resp:	289314
Ion	Ratio	Lower	Upper
146	100		
111	40.5	27.9	51.7
148	63.8	44.4	82.5



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



#63

1,4-Dichlorobenzene

Concen: 47.25 ug/L

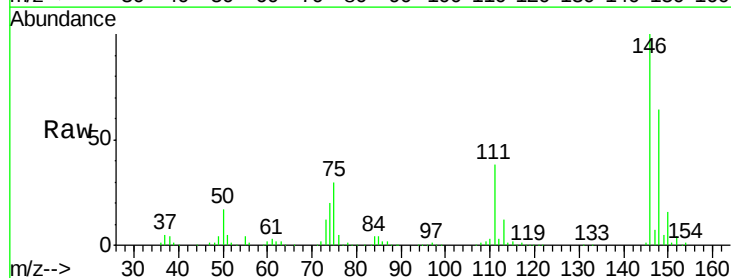
RT: 11.51 min Scan# 3397

Delta R.T. -0.00 min

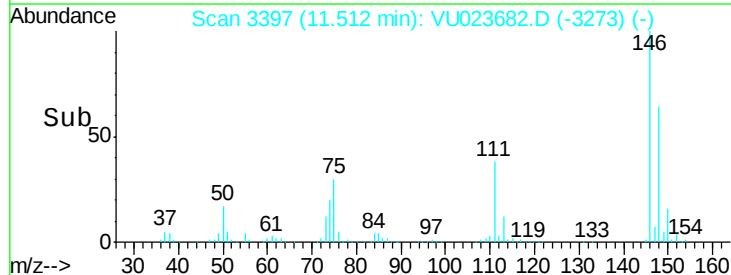
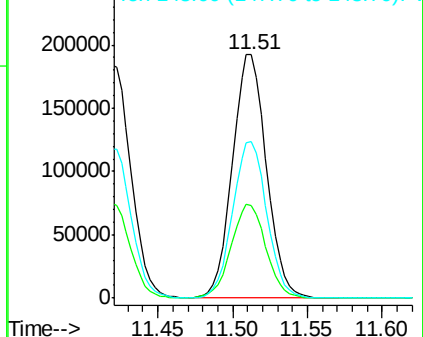
Lab File: VU023682.D

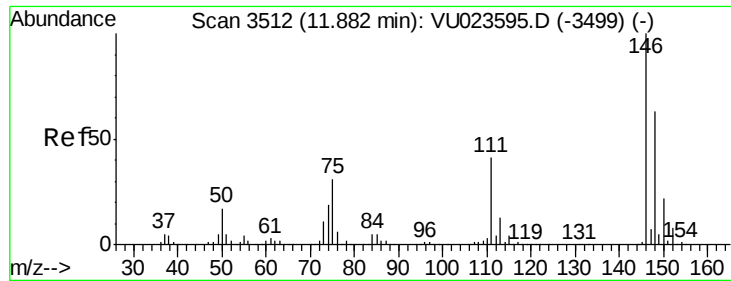
Acq: 06 May 2018 10:52

Tgt Ion:	146	Resp:	303690
Ion	Ratio	Lower	Upper
146	100		
111	38.1	26.8	49.8
148	64.5	44.8	83.2



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: 48.37 ug/L

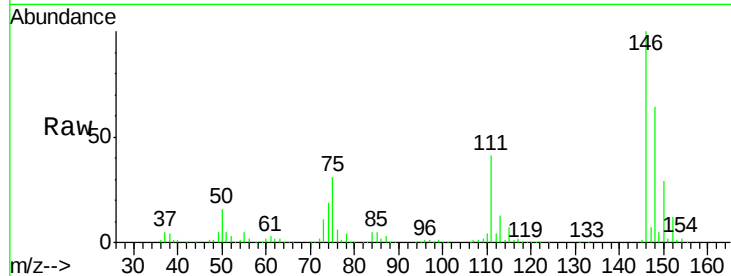
RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU023682.D

Acq: 06 May 2018 10:52

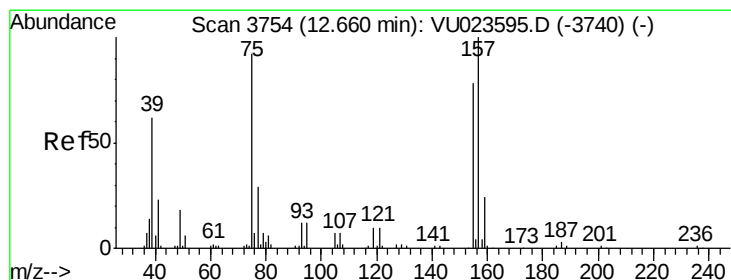
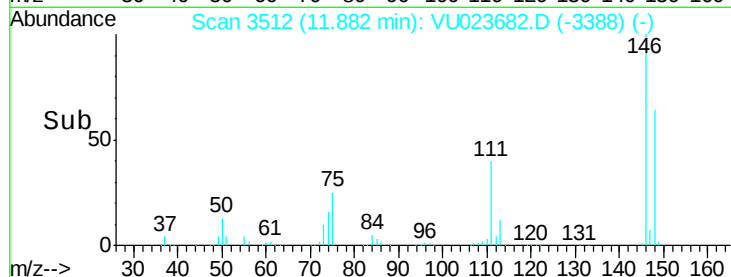
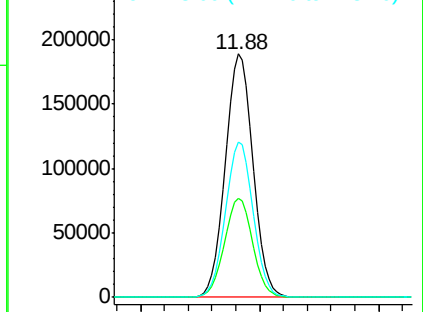
Tgt Ion:	146	Resp:	304635
Ion	Ratio	Lower	Upper
146	100		
111	40.9	32.9	49.3
148	64.0	51.0	76.4



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: 52.79 ug/L

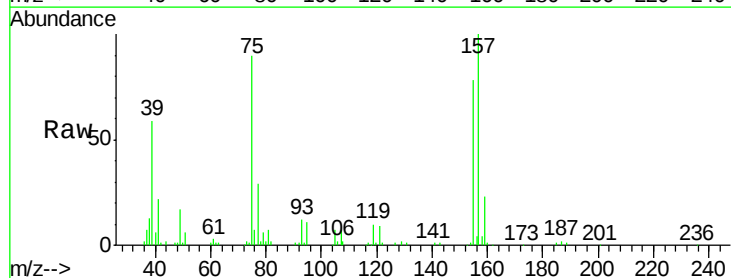
RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

Lab File: VU023682.D

Acq: 06 May 2018 10:52

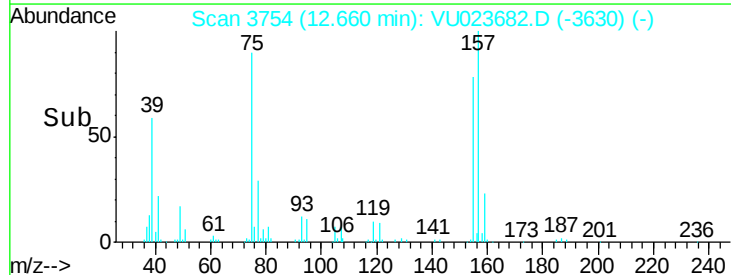
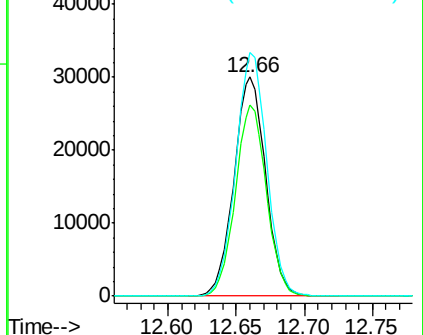
Tgt Ion:	75	Resp:	48277
Ion	Ratio	Lower	Upper
75	100		
155	87.2	68.9	103.3
157	111.2	89.9	134.9

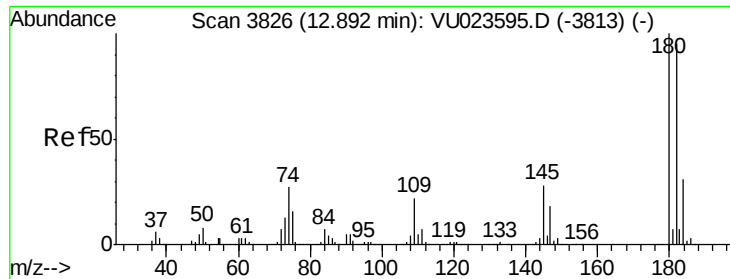


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

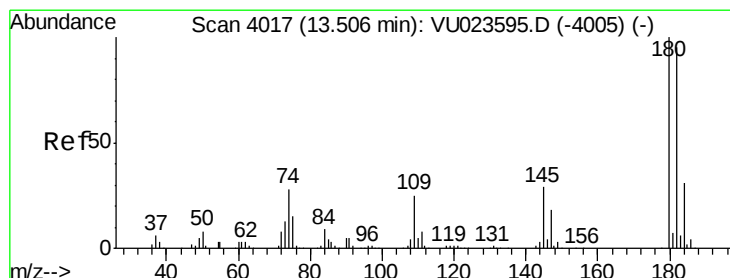
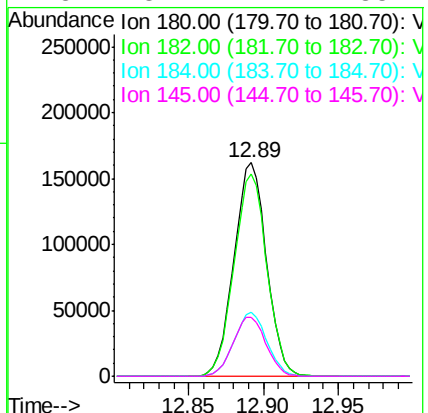
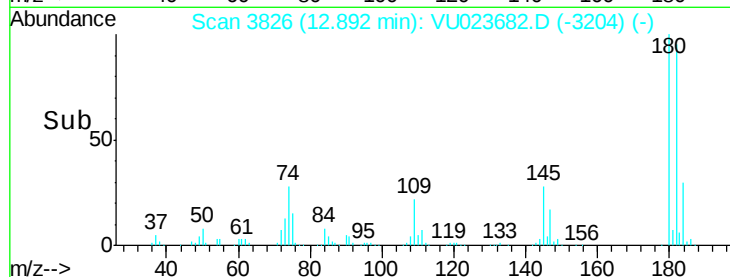
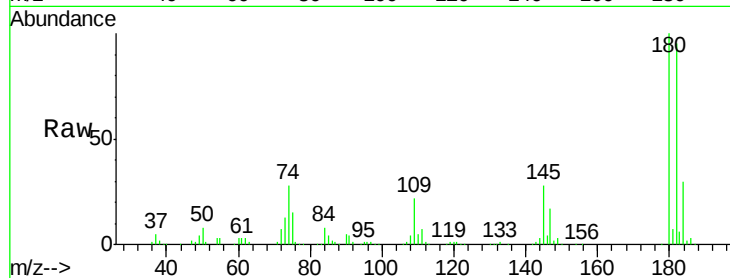
Ion 157.00 (156.70 to 157.70): V





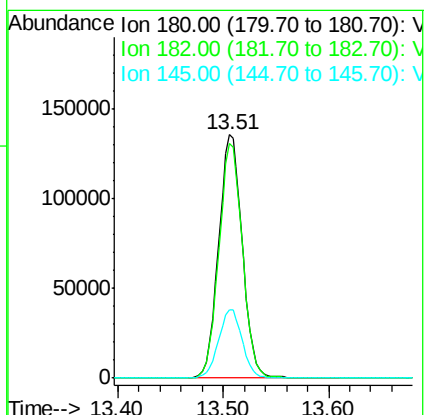
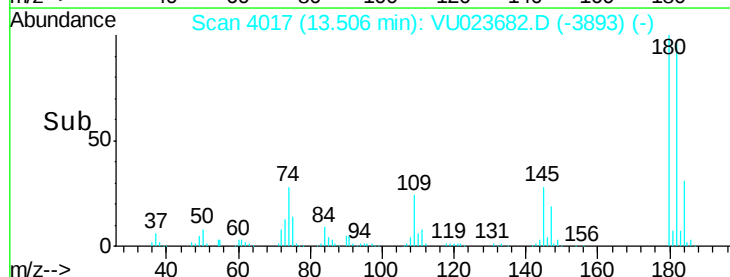
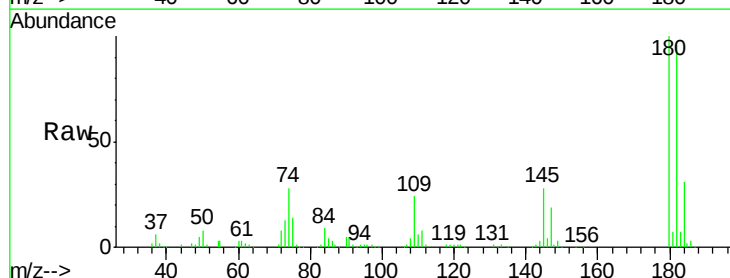
#67
 1,3,5-Trichlorobenzene
 Concen: 47.60 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

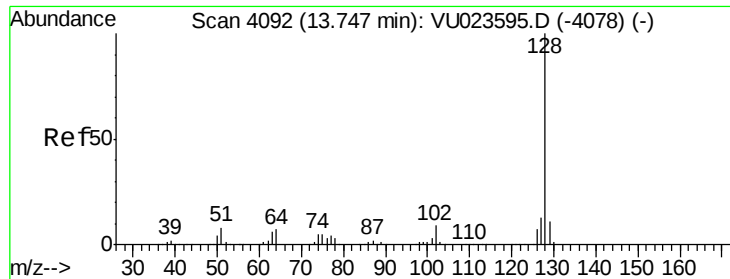
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.5	114.7
184	30.0	24.1	36.1
145	28.1	22.2	33.4



#68
 1,2,4-trichlorobenzene
 Concen: 47.91 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU023682.D
 Acq: 06 May 2018 10:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.1	115.7
145	28.1	23.4	35.0





#69

Naphthalene

Concen: 53.28 ug/L

RT: 13.75 min Scan# 4092

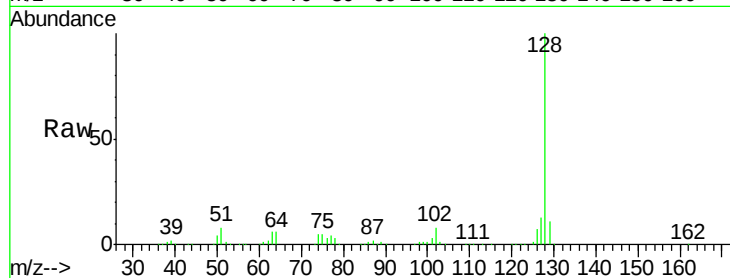
Delta R.T. -0.00 min

Lab File: VU023682.D

Acq: 06 May 2018 10:52

Tgt Ion:128 Resp: 612301

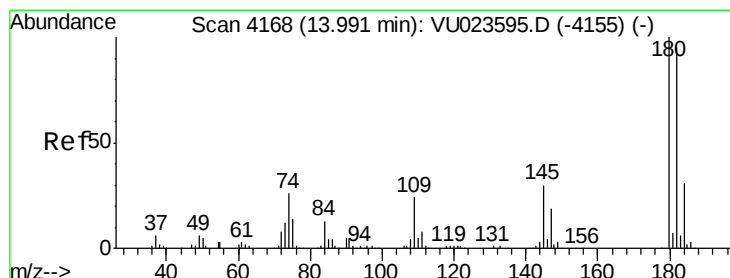
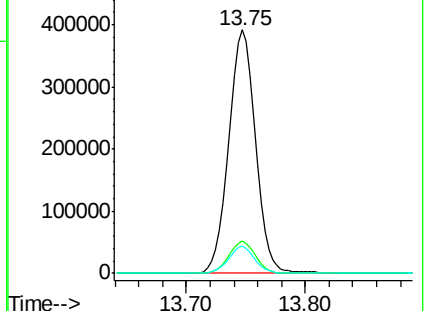
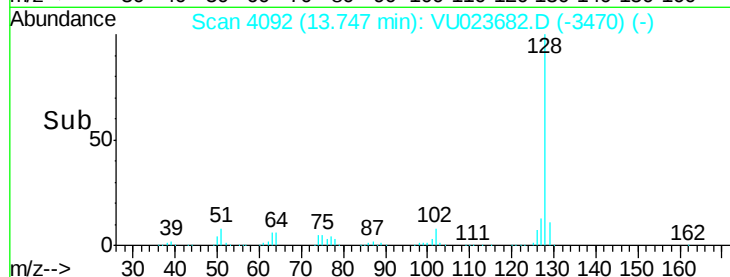
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.9	8.6	13.0



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: 49.38 ug/L

RT: 13.99 min Scan# 4168

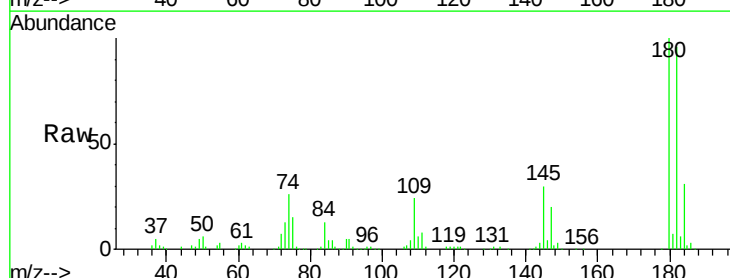
Delta R.T. -0.00 min

Lab File: VU023682.D

Acq: 06 May 2018 10:52

Tgt Ion:180 Resp: 220364

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.2	114.4
145	30.0	24.3	36.5



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

