

Data File : VU023609.D
Acq On : 03 May 2018 18:33
Operator : MD/SY
Sample : VSTD01043
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 04 01:32:45 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 01:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	175420	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	172622	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	89944	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	124171	9.50	ug/L	0.00
7) Chloroethane-d5	1.68	69	94408	9.54	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	224940	9.98	ug/L	0.00
20) 2-Butanone-d5	4.20	46	369102	141.96	ug/L	0.00
24) Chloroform-d	4.65	84	226154	10.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	118225	10.95	ug/L	0.00
32) Benzene-d6	5.34	84	460735	9.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	151090	10.20	ug/L	0.00
41) Toluene-d8	7.57	98	437680	9.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	56167	11.05	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	306462	118.70	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	118418	10.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.87	152	162480	9.68	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	163601	10.75	ug/L	100
3) Chloromethane	1.33	50	179151	11.65	ug/L	100
5) Vinyl chloride	1.40	62	162105	10.16	ug/L	94
6) Bromomethane	1.62	94	87663	10.01	ug/L	97
8) Chloroethane	1.70	64	92277	10.14	ug/L	98
9) Trichlorofluoromethane	1.89	101	183290	9.89	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	106265	9.95	ug/L	98
12) 1,1-Dichloroethene	2.28	96	102495	9.65	ug/L	98
13) Acetone	2.33	43	201388	119.22	ug/L	99
14) Carbon disulfide	2.47	76	358565	10.56	ug/L	100
15) Methyl Acetate	2.62	43	55778	11.38	ug/L	99
16) Methylene chloride	2.70	84	112840	9.45	ug/L	100
17) Methyl tert-butyl Ether	3.01	73	266212	10.62	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	110521	9.68	ug/L	97
19) 1,1-Dichloroethane	3.45	63	215057	10.16	ug/L	99
21) 2-Butanone	4.29	43	384619	130.74	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	134657	10.39	ug/L	97
23) Bromochloromethane	4.55	128	57581	10.21	ug/L	99
25) Chloroform	4.68	83	228614	10.58	ug/L	100
27) 1,2-Dichloroethane	5.41	62	147623	11.47	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	184715	10.33	ug/L	99
30) Cyclohexane	4.99	56	219562	11.22	ug/L	99
31) Carbon tetrachloride	5.13	117	159512	10.13	ug/L	99
33) Benzene	5.39	78	520839	10.29	ug/L	100
34) Trichloroethene	6.19	95	132934	9.98	ug/L	99
35) Methylcyclohexane	6.42	83	213268	10.30	ug/L	99
37) 1,2-Dichloropropane	6.44	63	144667	11.01	ug/L	100
38) Bromodichloromethane	6.76	83	157342	10.78	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	188158	11.03	ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	924418	128.57	ug/L	99

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Quant Time: May 04 01:32:45 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
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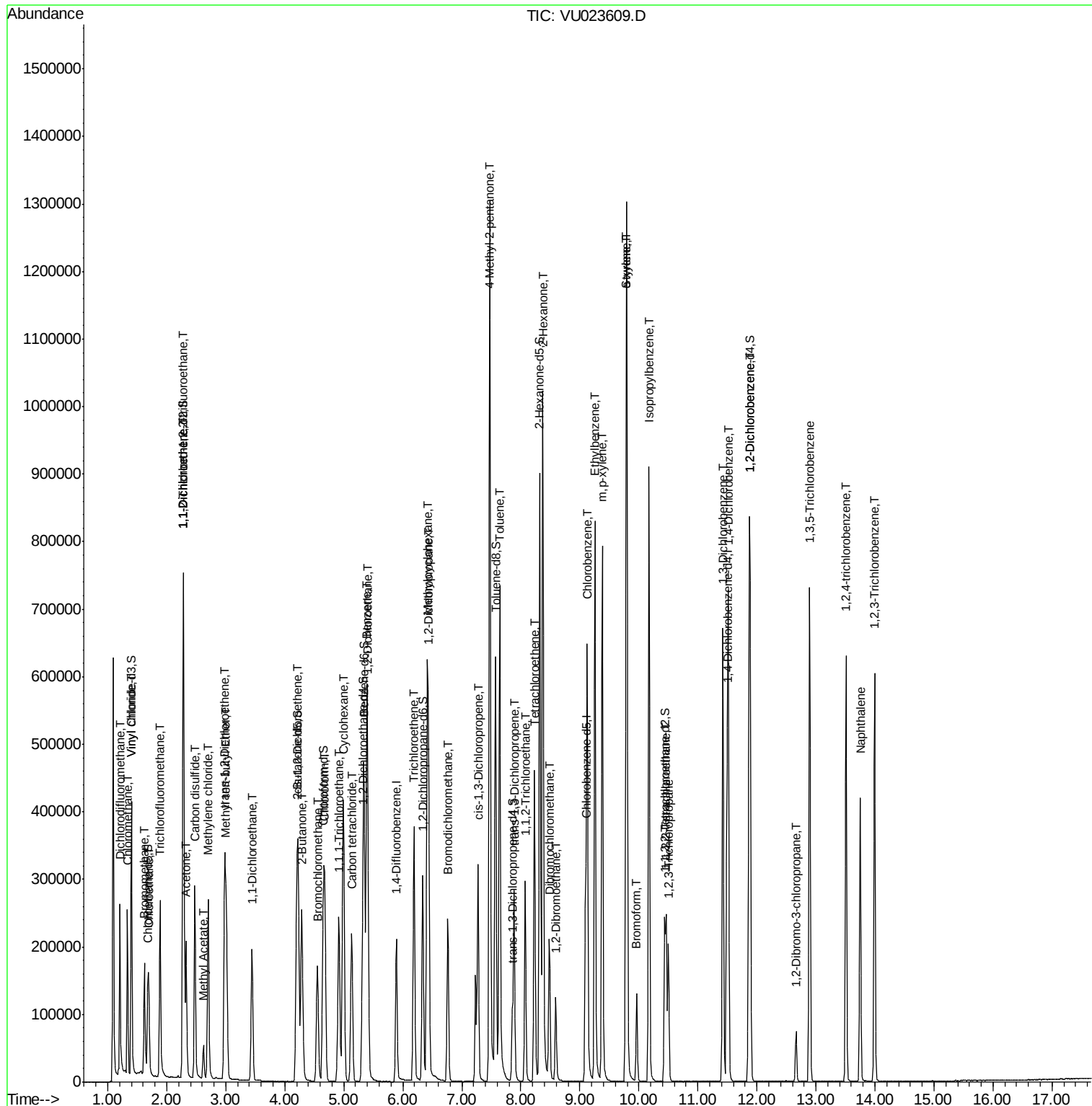
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	554395	10.39	ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	153966	11.83	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	91307	10.22	ug/L	98
47) Tetrachloroethene	8.23	164	108880	9.79	ug/L	98
48) 2-Hexanone	8.37	43	670750	130.94	ug/L	99
49) Dibromochloromethane	8.48	129	106100	10.84	ug/L	97
50) 1,2-Dibromoethane	8.59	107	84377	10.30	ug/L	97
51) Chlorobenzene	9.12	112	348252	10.09	ug/L	100
52) Ethylbenzene	9.26	91	592247	10.49	ug/L	99
53) m,p-xylene	9.38	106	224986	10.54	ug/L	96
54) o-xylene	9.78	106	216095	10.45	ug/L	100
55) Styrene	9.80	104	387252	11.10	ug/L	98
56) Isopropylbenzene	10.17	105	577849	10.79	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	119275	10.81	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	85780	10.91	ug/L	99
61) Bromoform	9.96	173	59086	10.48	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	270703	9.84	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	280062	9.92	ug/L	99
65) 1,2-Dichlorobenzene	11.89	146	265468	10.00	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	18176	11.98	ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	229093	10.16	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	195253	10.36	ug/L	99
69) Naphthalene	13.75	128	326862	10.97	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	185801	10.49	ug/L	99

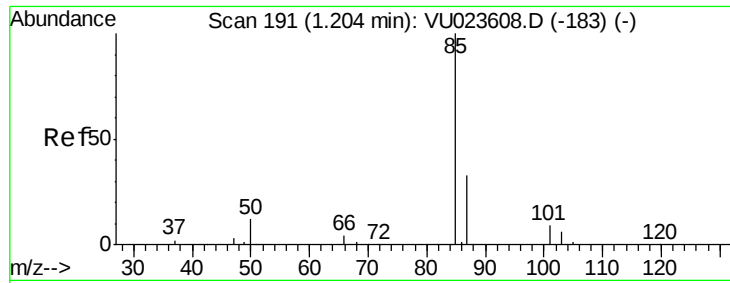
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU023609.D

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Acq On       : 03 May 2018   18:33
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ALS Vial    : 5      Sample Multiplier: 1
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#2

Dichlorodifluoromethane

Concen: 10.75 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023609.D

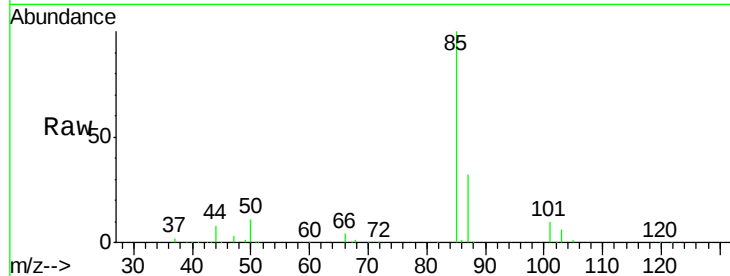
Acq: 03 May 2018 18:33

Tgt Ion: 85 Resp: 163601

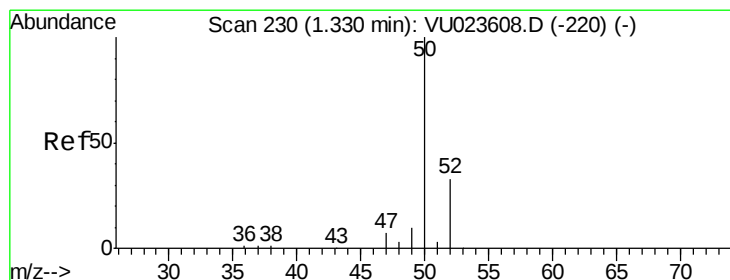
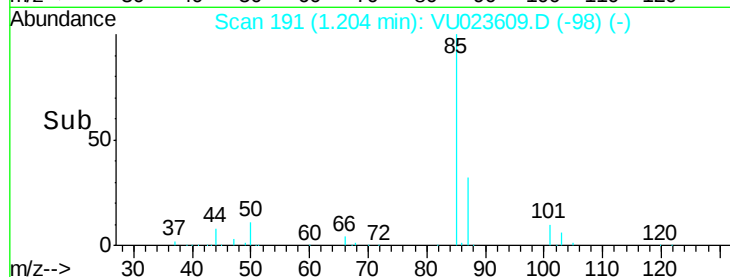
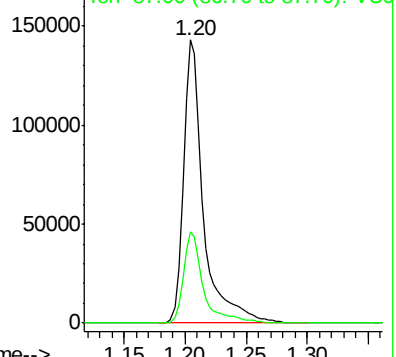
Ion Ratio Lower Upper

85 100

87 32.4 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU023609.D (-98) (-)



#3

Chloromethane

Concen: 11.65 ug/L

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU023609.D

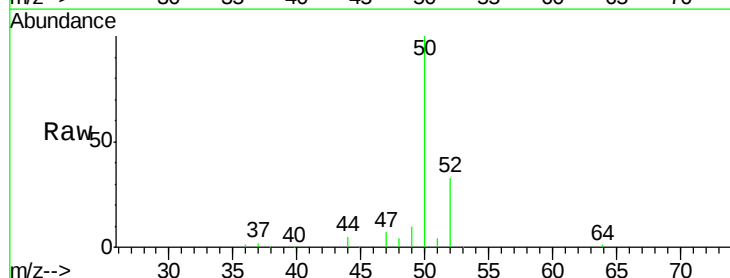
Acq: 03 May 2018 18:33

Tgt Ion: 50 Resp: 179151

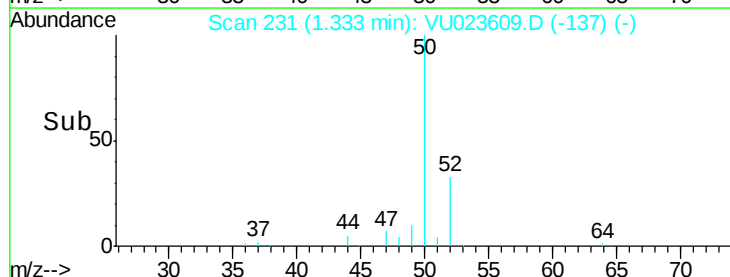
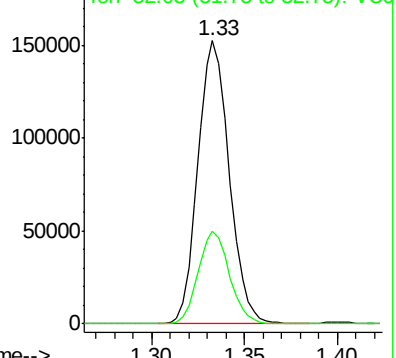
Ion Ratio Lower Upper

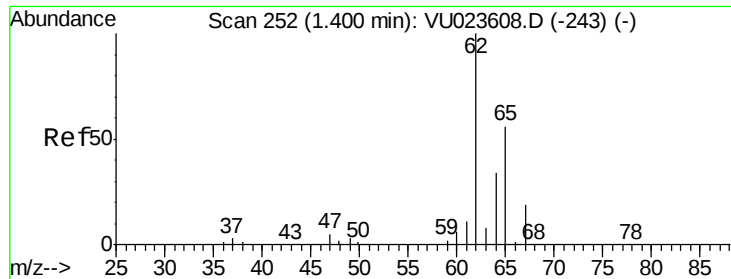
50 100

52 32.8 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU023609.D (-137) (-)





#5

Vinyl chloride

Concen: 10.16 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023609.D

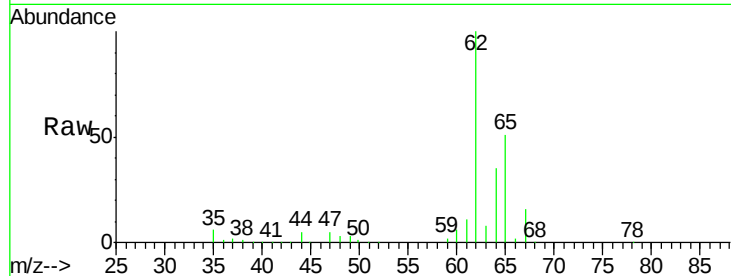
Acq: 03 May 2018 18:33

Tgt Ion: 62 Resp: 162105

Ion Ratio Lower Upper

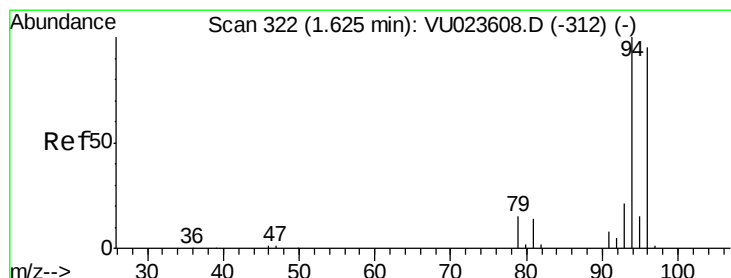
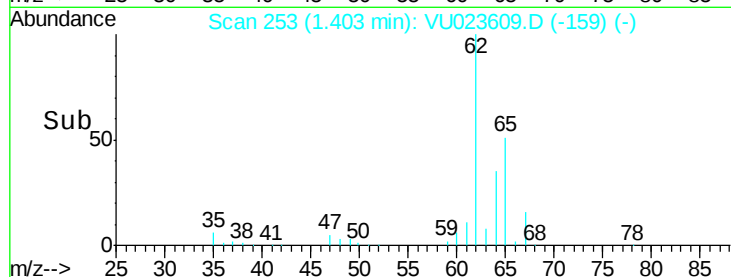
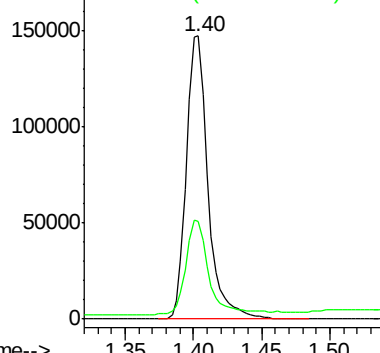
62 100

64 34.7 26.9 49.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#6

Bromomethane

Concen: 10.01 ug/L

RT: 1.62 min Scan# 321

Delta R.T. -0.00 min

Lab File: VU023609.D

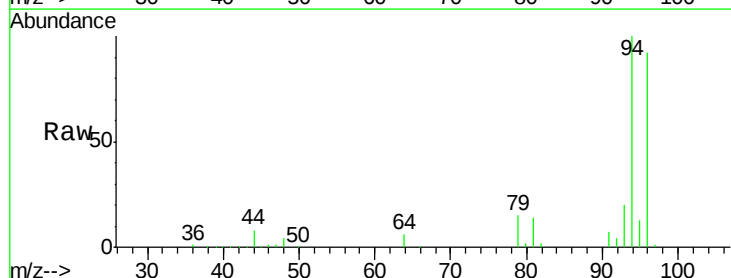
Acq: 03 May 2018 18:33

Tgt Ion: 94 Resp: 87663

Ion Ratio Lower Upper

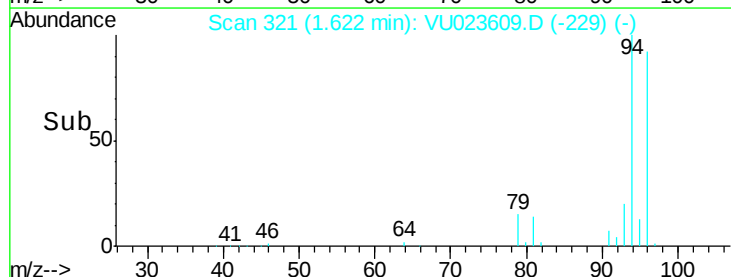
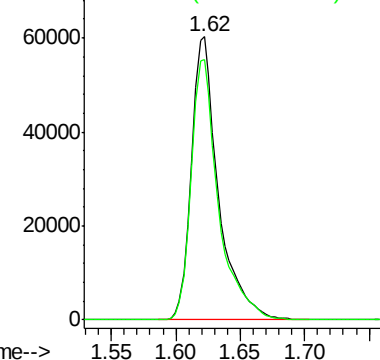
94 100

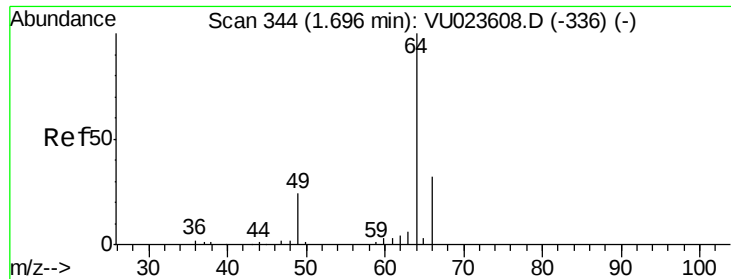
96 92.0 66.6 123.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 10.14 ug/L

RT: 1.70 min Scan# 344

Delta R.T. -0.00 min

Lab File: VU023609.D

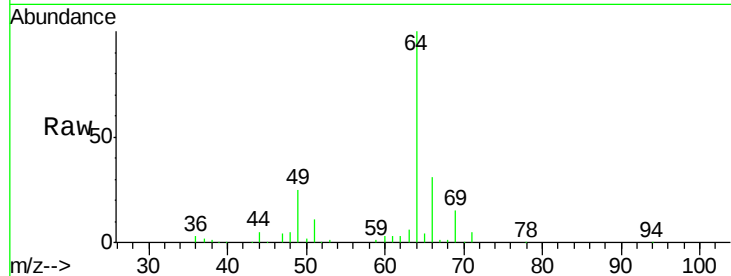
Acq: 03 May 2018 18:33

Tgt Ion: 64 Resp: 92277

Ion Ratio Lower Upper

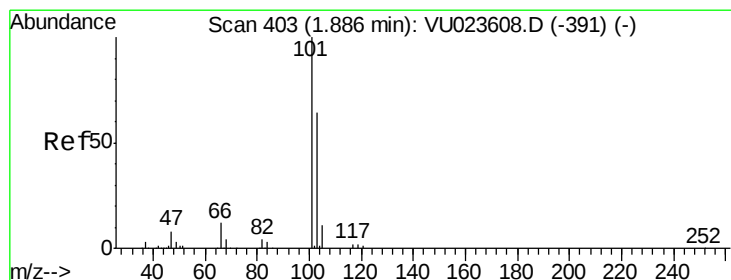
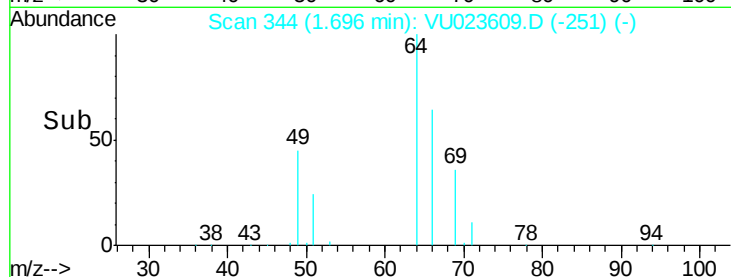
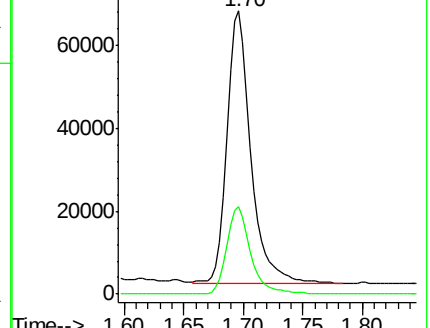
64 100

66 30.7 20.6 38.2



Abundance Ion 64.10 (63.80 to 64.80): VU023609.D (-251) (-)

Ion 66.05 (65.75 to 66.75): VU023609.D (-251) (-)



#9

Trichlorofluoromethane

Concen: 9.89 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU023609.D

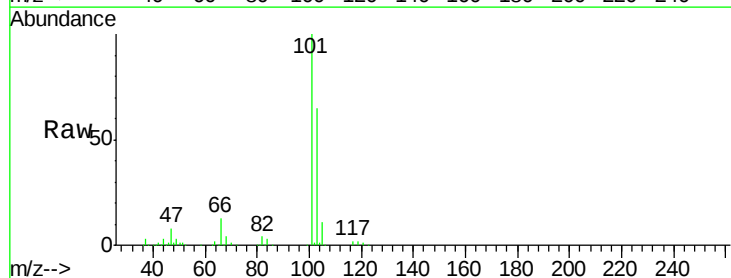
Acq: 03 May 2018 18:33

Tgt Ion: 101 Resp: 183290

Ion Ratio Lower Upper

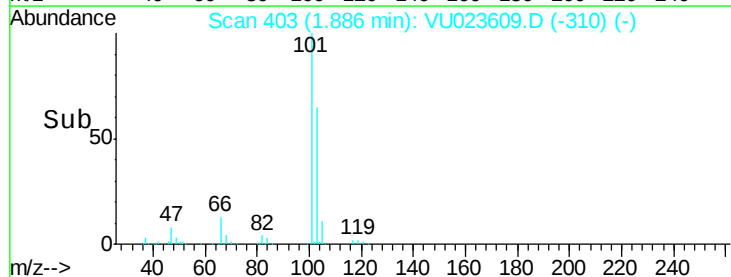
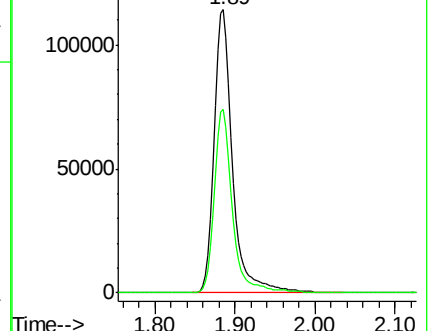
101 100

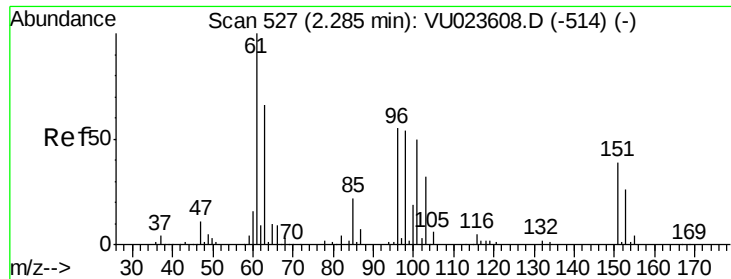
103 64.0 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): VU023609.D (-310) (-)

Ion 103.00 (102.70 to 103.70): VU023609.D (-310) (-)





#10

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

Concen: 9.95 ug/L

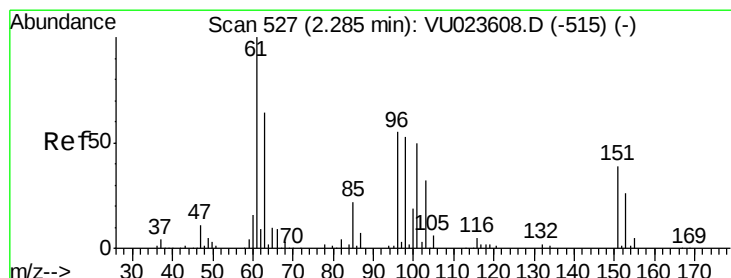
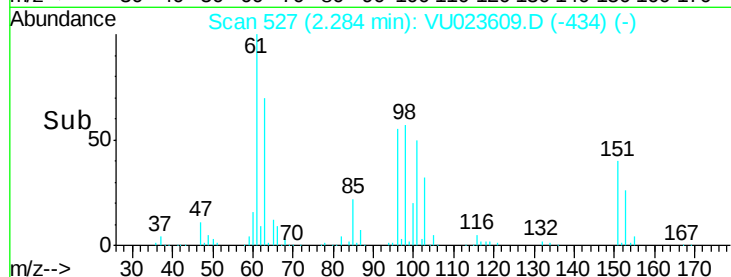
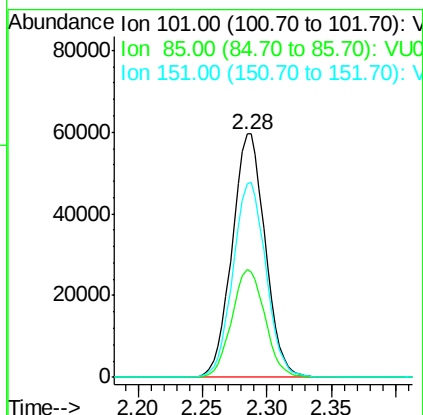
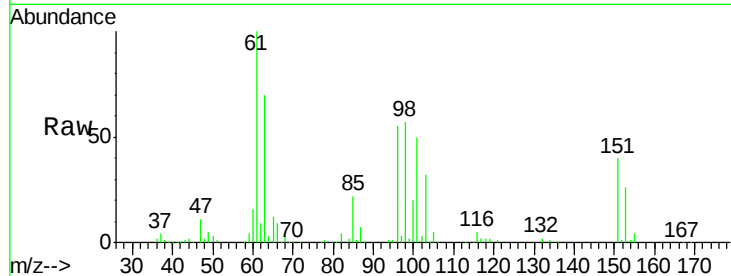
RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023609.D

Acq: 03 May 2018 18:33

Tgt Ion:	101	Resp:	106265
Ion	Ratio	Lower	Upper
101	100		
85	44.2	34.5	51.7
151	80.1	62.9	94.3



#12

1,1-Dichloroethene

Concen: 9.65 ug/L

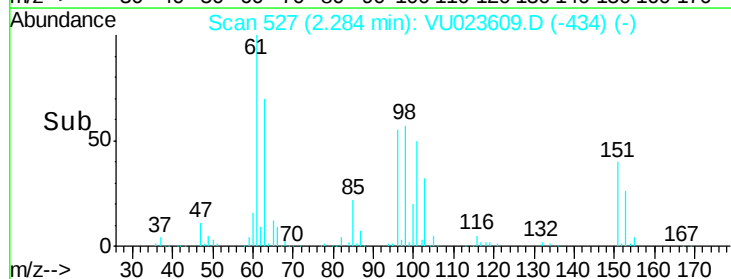
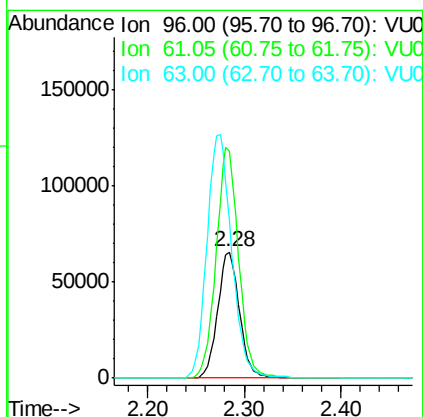
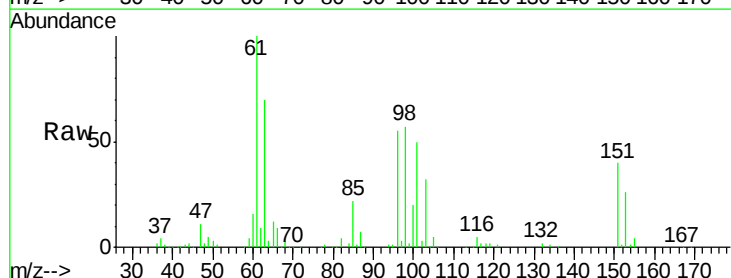
RT: 2.28 min Scan# 527

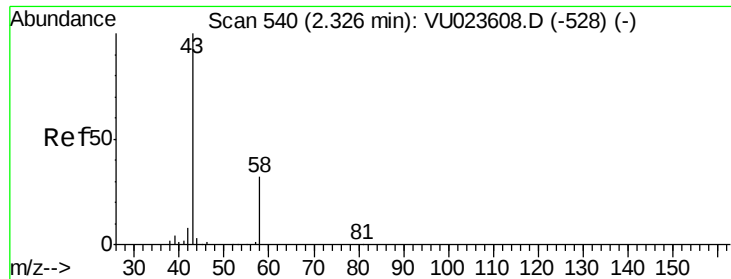
Delta R.T. -0.00 min

Lab File: VU023609.D

Acq: 03 May 2018 18:33

Tgt Ion:	96	Resp:	102495
Ion	Ratio	Lower	Upper
96	100		
61	180.4	127.4	236.6
63	125.5	84.8	157.4





#13

Acetone

Concen: 119.22 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU023609.D

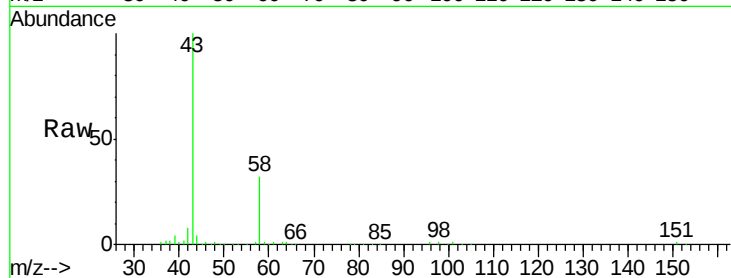
Acq: 03 May 2018 18:33

Tgt Ion: 43 Resp: 201388

Ion Ratio Lower Upper

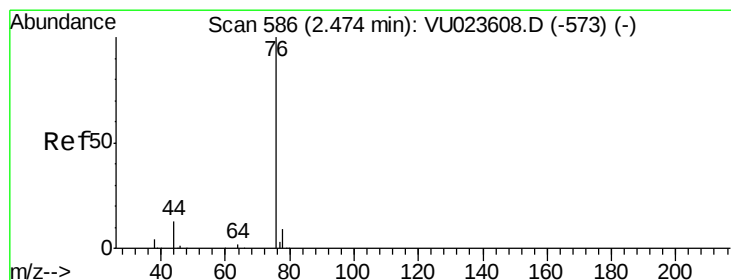
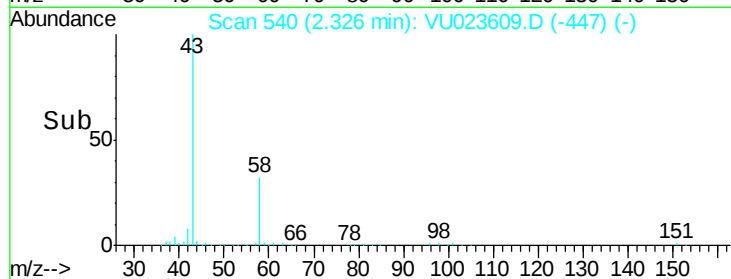
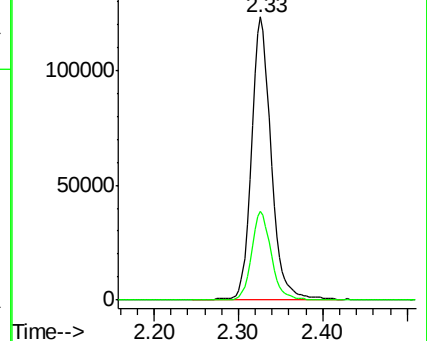
43 100

58 31.4 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 10.56 ug/L

RT: 2.47 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU023609.D

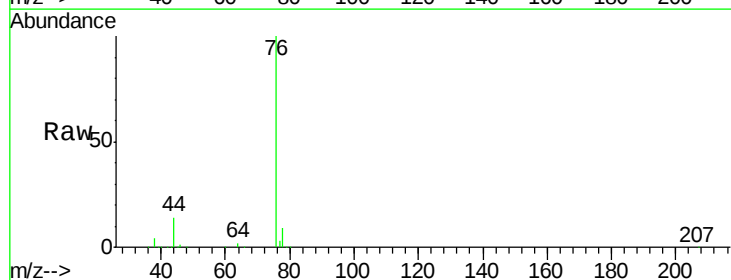
Acq: 03 May 2018 18:33

Tgt Ion: 76 Resp: 358565

Ion Ratio Lower Upper

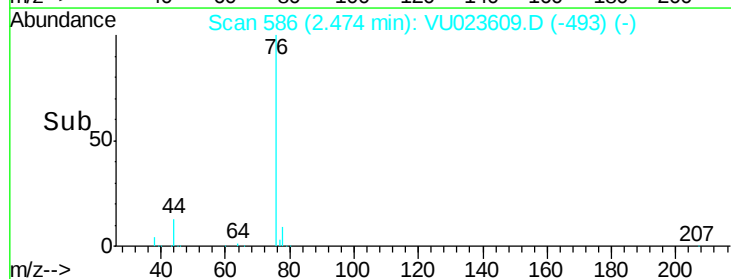
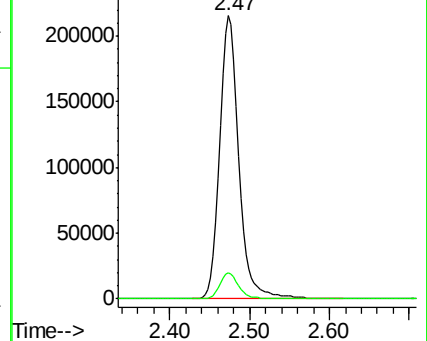
76 100

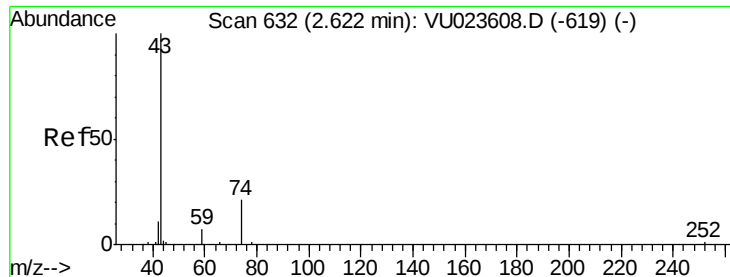
78 9.2 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU0

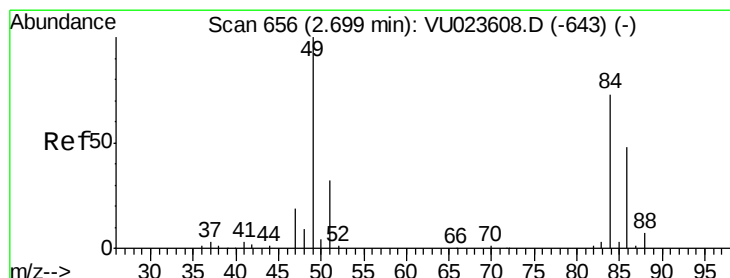
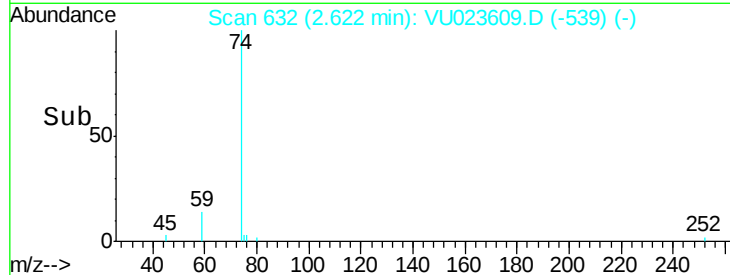
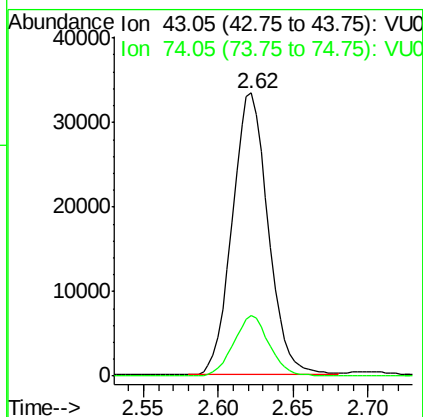
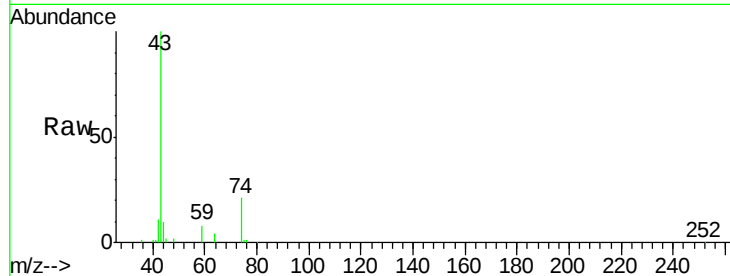
Ion 78.00 (77.70 to 78.70): VU0





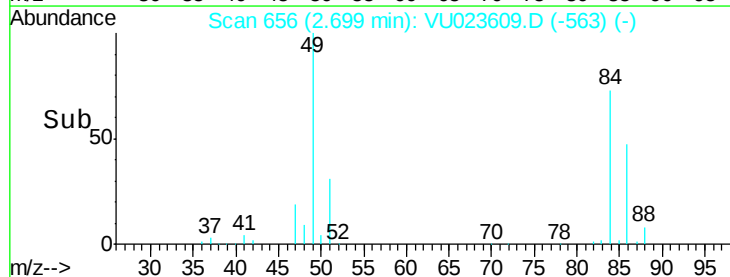
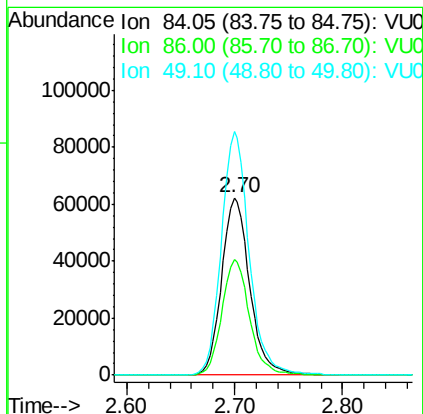
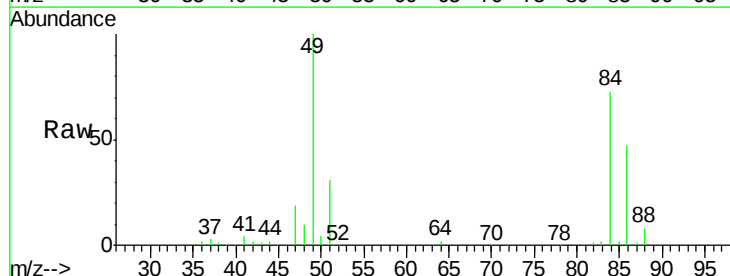
#15
Methyl Acetate
Concen: 11.38 ug/L
RT: 2.62 min Scan# 632
Delta R.T. -0.00 min
Lab File: VU023609.D
Acq: 03 May 2018 18:33

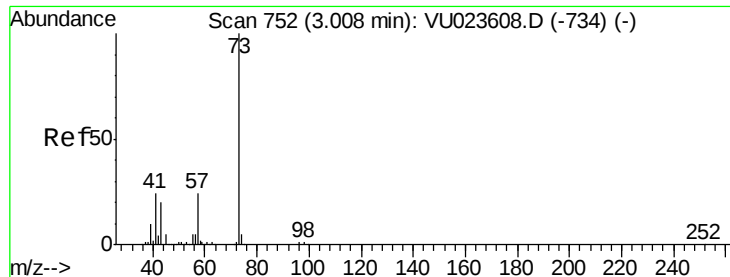
Tgt Ion: 43 Resp: 55778
Ion Ratio Lower Upper
43 100
74 21.4 16.6 24.8



#16
Methylene chloride
Concen: 9.45 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU023609.D
Acq: 03 May 2018 18:33

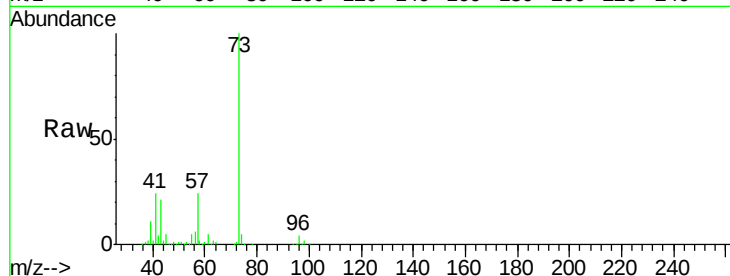
Tgt Ion: 84 Resp: 112840
Ion Ratio Lower Upper
84 100
86 65.2 46.0 85.4
49 137.4 96.0 178.4



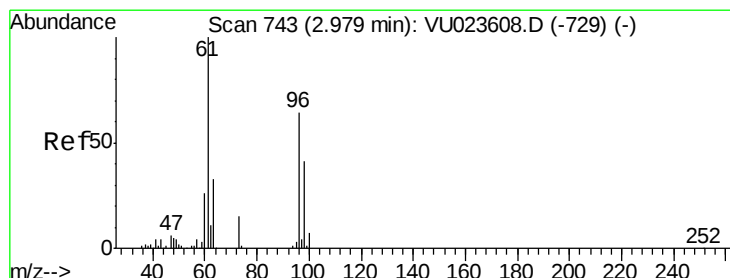
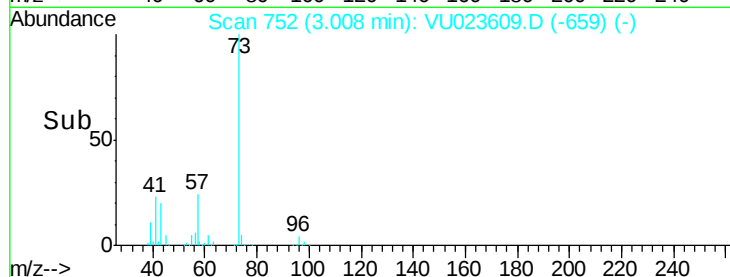
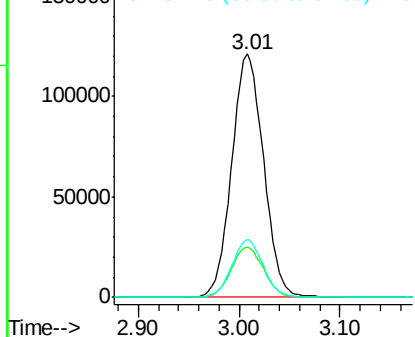


#17
Methyl tert-butyl Ether
Concen: 10.62 ug/L
RT: 3.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VU023609.D
Acq: 03 May 2018 18:33

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.0	16.6	25.0
57	23.4	19.4	29.0

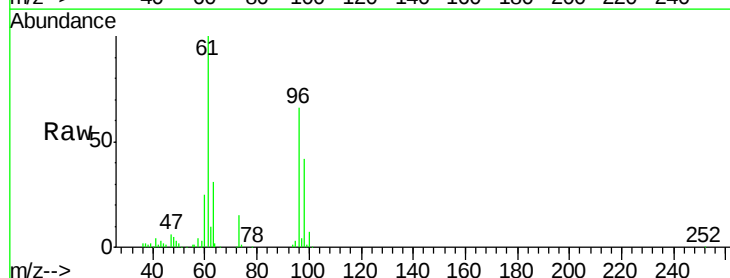


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

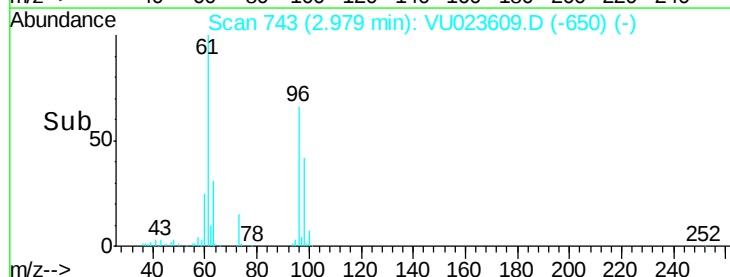
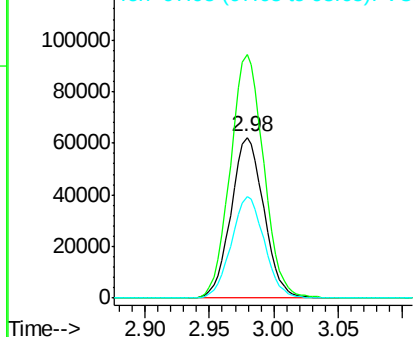


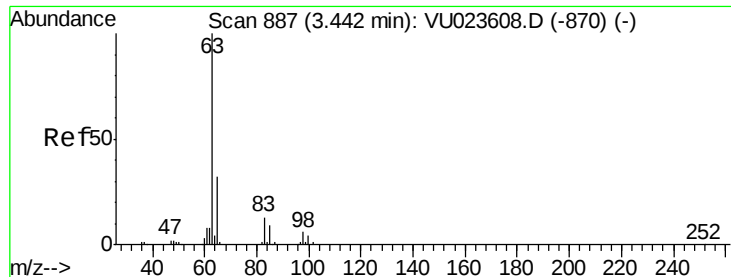
#18
trans-1,2-Dichloroethene
Concen: 9.68 ug/L
RT: 2.98 min Scan# 743
Delta R.T. -0.00 min
Lab File: VU023609.D
Acq: 03 May 2018 18:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.5	109.0	202.4
98	63.0	44.7	83.1



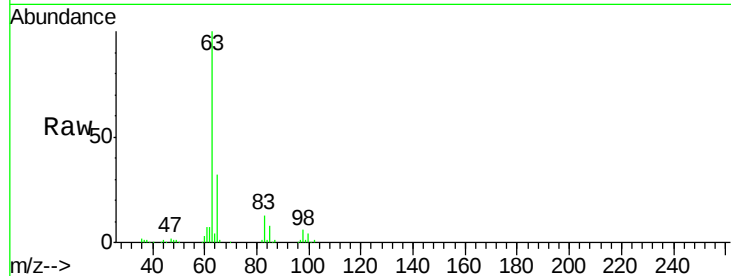
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0



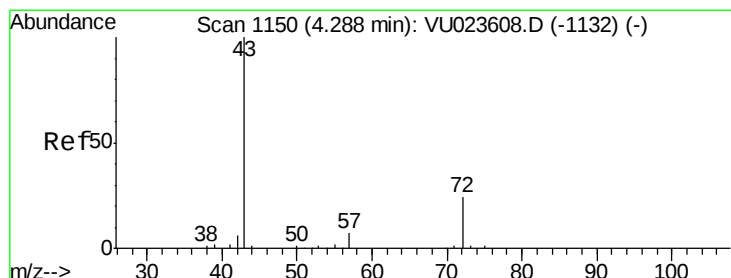
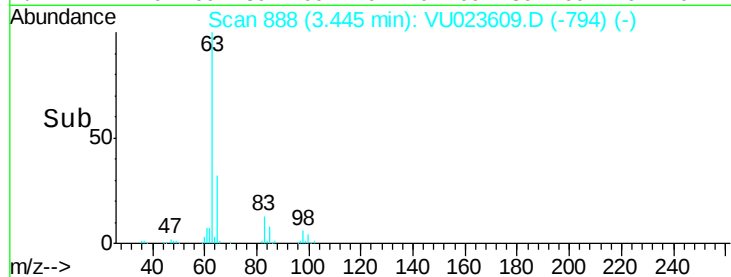
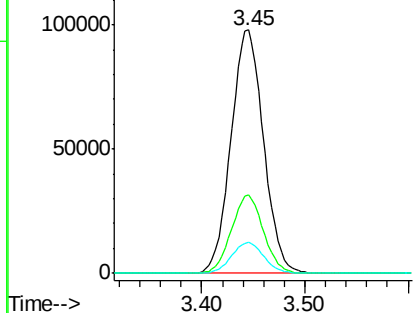


#19
 1,1-Dichloroethane
 Concen: 10.16 ug/L
 RT: 3.45 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VU023609.D
 Acq: 03 May 2018 18:33

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.0	41.0
83	12.6	8.8	16.4

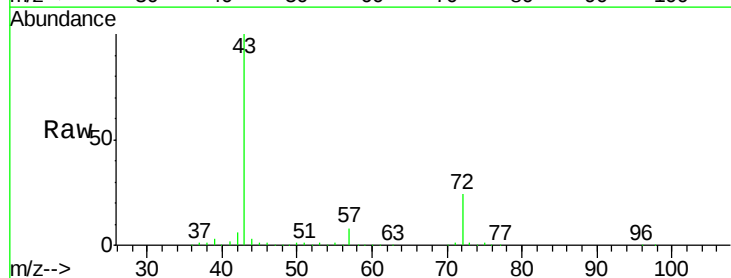


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

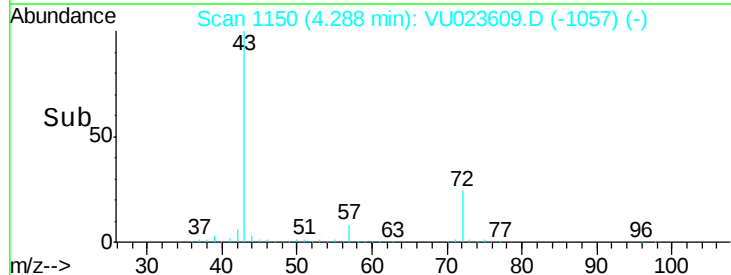
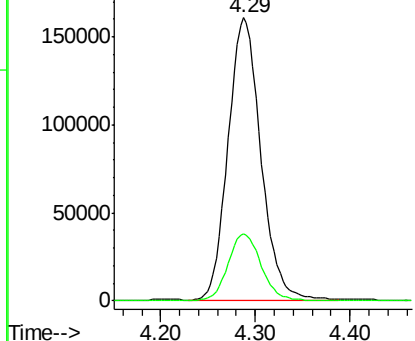


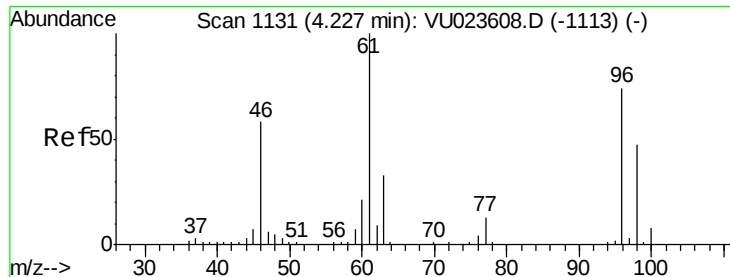
#21
 2-Butanone
 Concen: 130.74 ug/L
 RT: 4.29 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: VU023609.D
 Acq: 03 May 2018 18:33

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.0	12.3	36.8



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 10.39 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023609.D

Acq: 03 May 2018 18:33

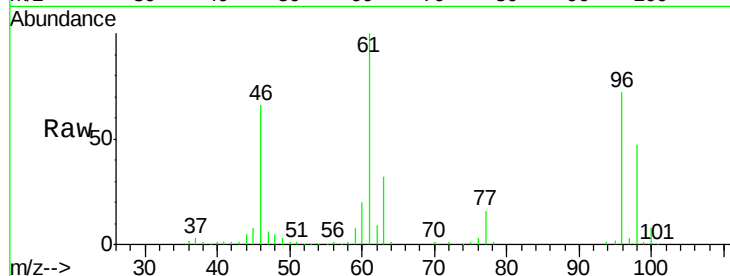
Tgt Ion: 96 Resp: 134657

Ion Ratio Lower Upper

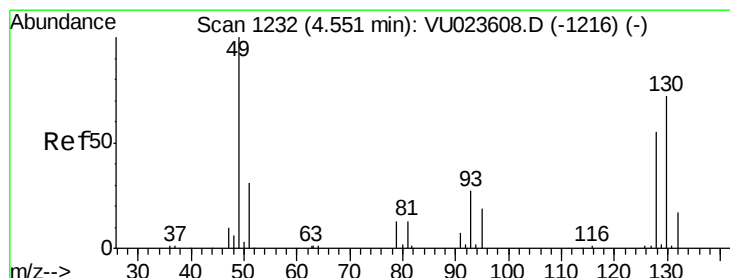
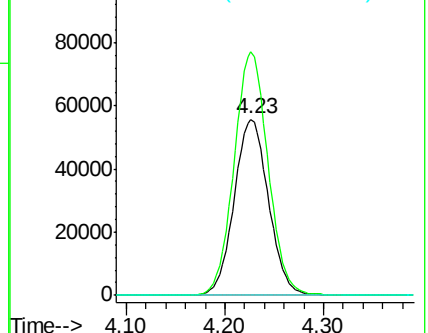
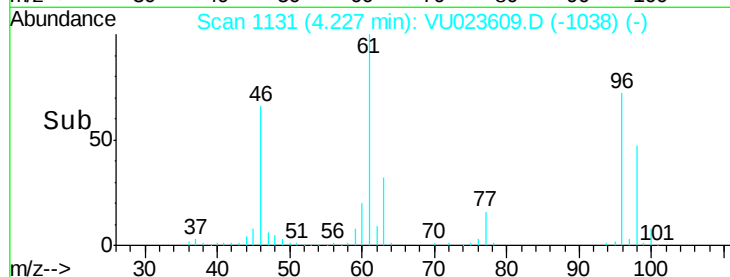
96 100

61 138.5 94.6 175.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU023609.D (-1038) (-)



#23

Bromochloromethane

Concen: 10.21 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU023609.D

Acq: 03 May 2018 18:33

Tgt Ion: 128 Resp: 57581

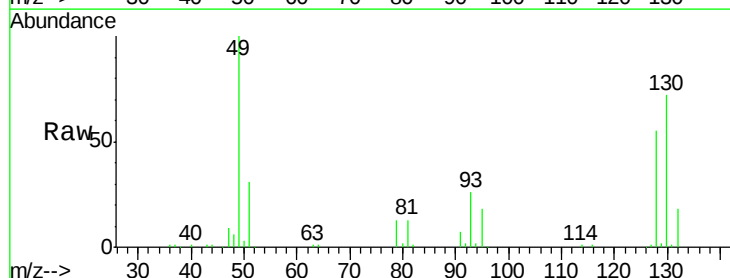
Ion Ratio Lower Upper

128 100

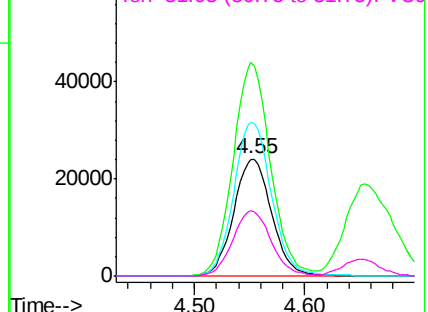
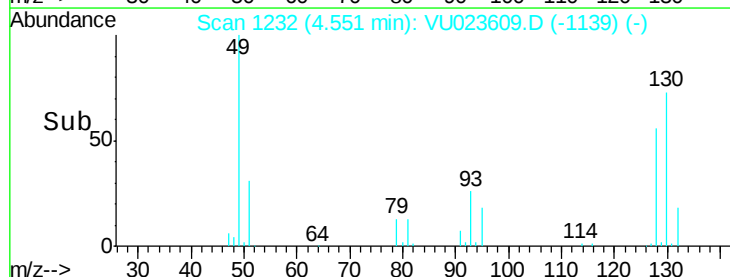
49 182.5 126.5 234.9

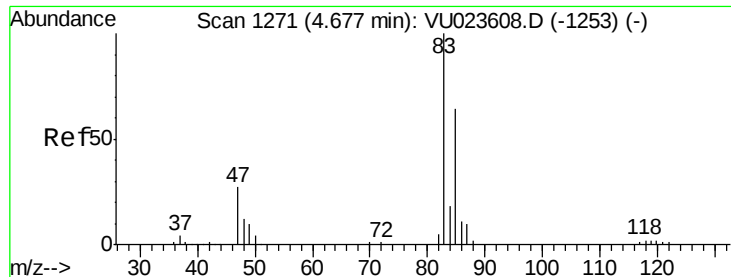
130 131.4 90.4 168.0

51 55.7 44.6 66.8



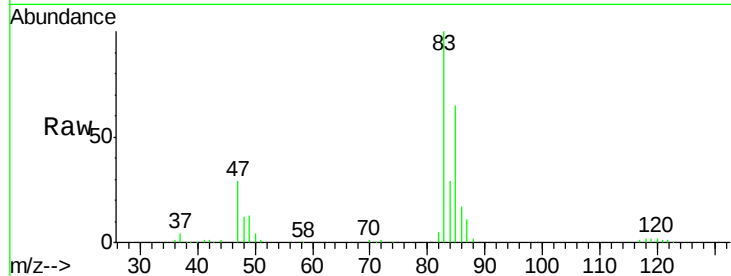
Abundance Ion 127.90 (127.60 to 128.60): VU023609.D (-1139) (-)



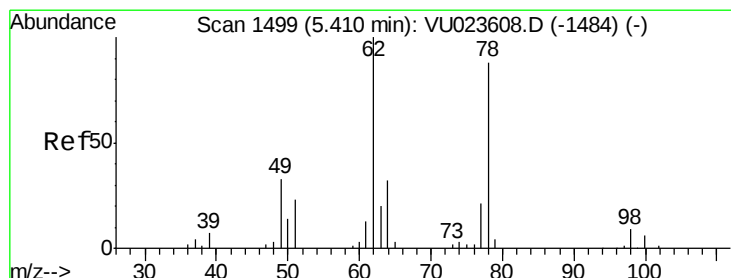
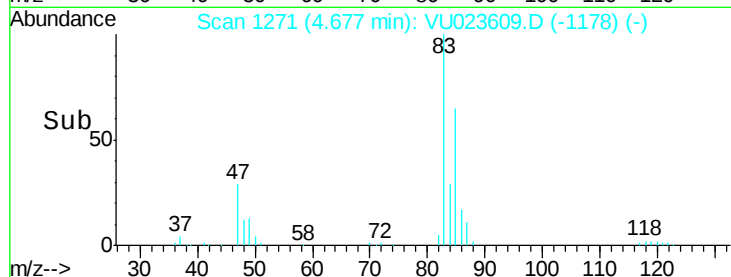
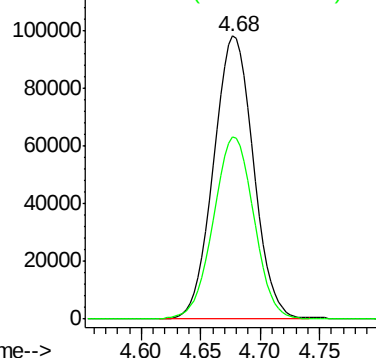


#25
Chloroform
Concen: 10.58 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023609.D
Acq: 03 May 2018 18:33

Tgt Ion: 83 Resp: 228614
Ion Ratio Lower Upper
83 100
85 64.5 45.2 84.0

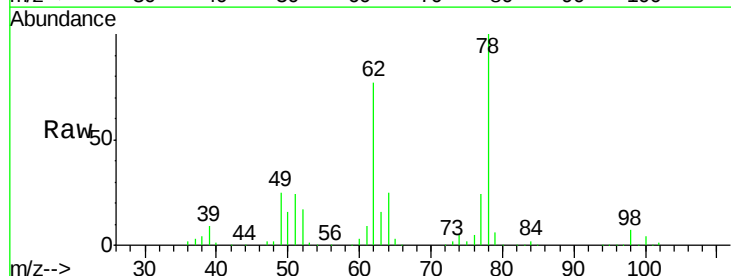


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

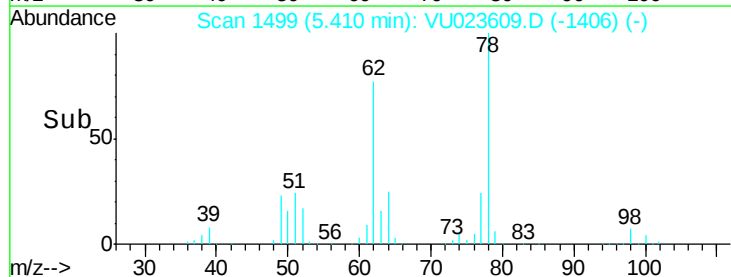
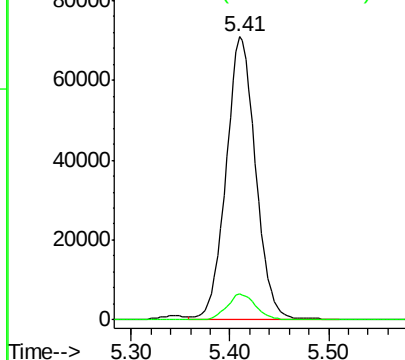


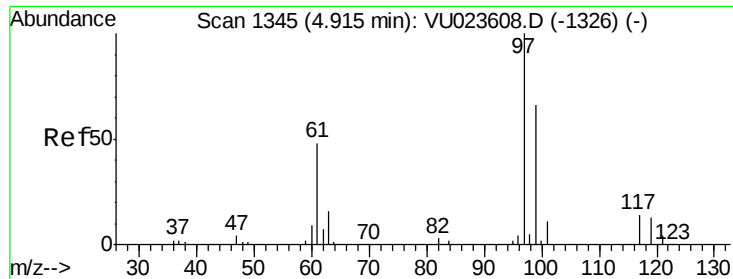
#27
1,2-Dichloroethane
Concen: 11.47 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU023609.D
Acq: 03 May 2018 18:33

Tgt Ion: 62 Resp: 147623
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0





#29

1,1,1-Trichloroethane

Concen: 10.33 ug/L

RT: 4.91 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VU023609.D

Acq: 03 May 2018 18:33

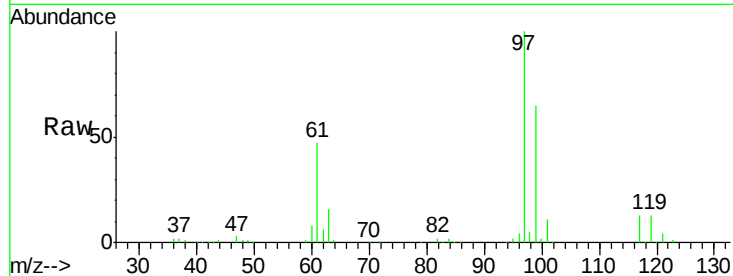
Tgt Ion: 97 Resp: 184715

Ion Ratio Lower Upper

97 100

99 64.7 52.2 78.2

61 46.8 37.8 56.6

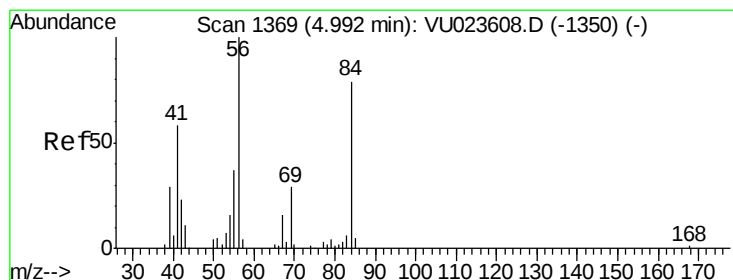
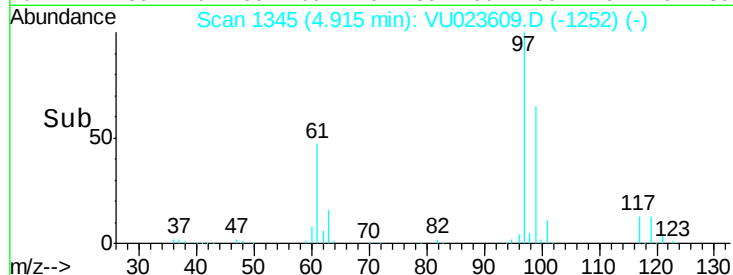
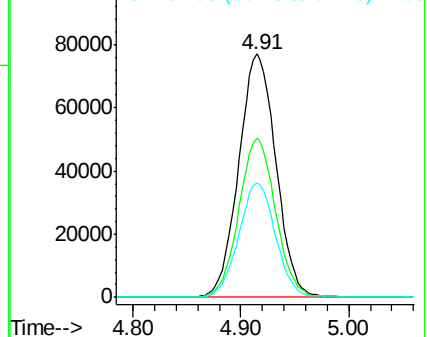


Abundance

Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0



#30

Cyclohexane

Concen: 11.22 ug/L

RT: 4.99 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VU023609.D

Acq: 03 May 2018 18:33

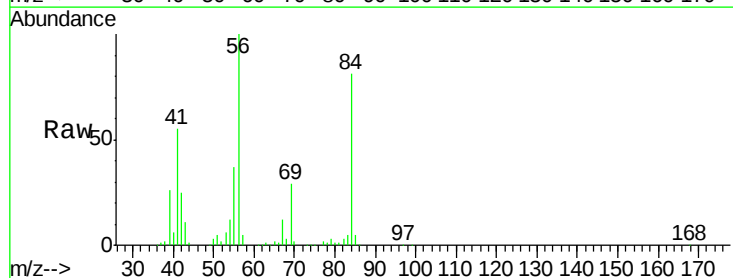
Tgt Ion: 56 Resp: 219562

Ion Ratio Lower Upper

56 100

69 29.3 23.6 35.4

84 79.8 64.4 96.6

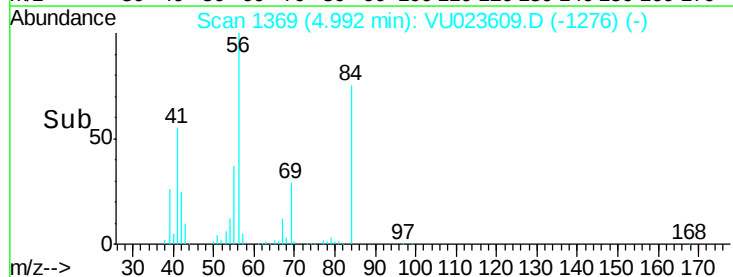
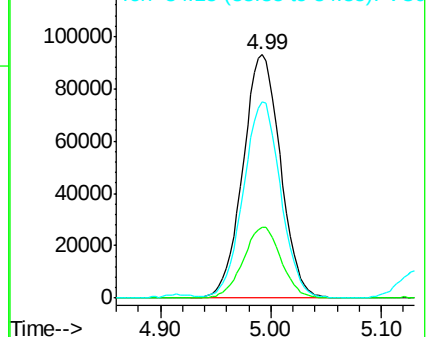


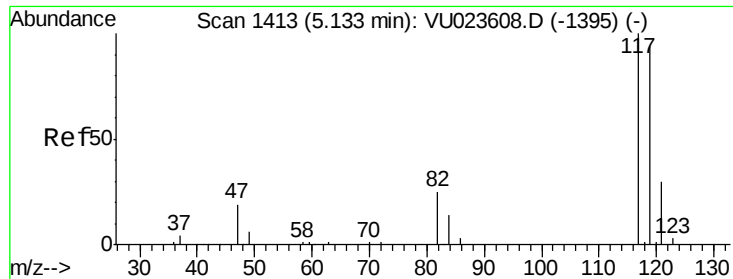
Abundance

Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#31

Carbon tetrachloride

Concen: 10.13 ug/L

RT: 5.13 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VU023609.D

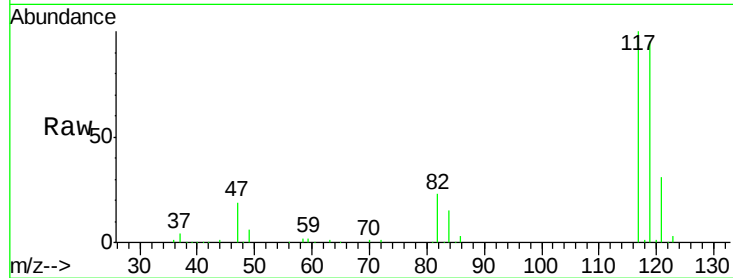
Acq: 03 May 2018 18:33

Tgt Ion: 117 Resp: 159512

Ion Ratio Lower Upper

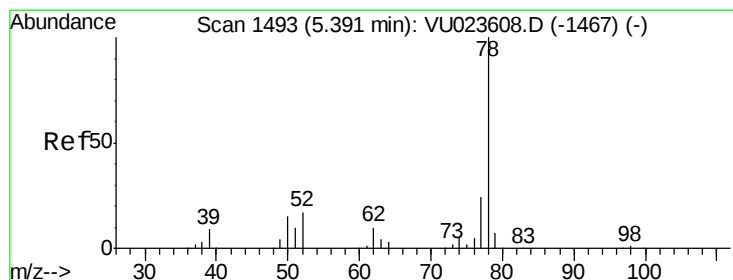
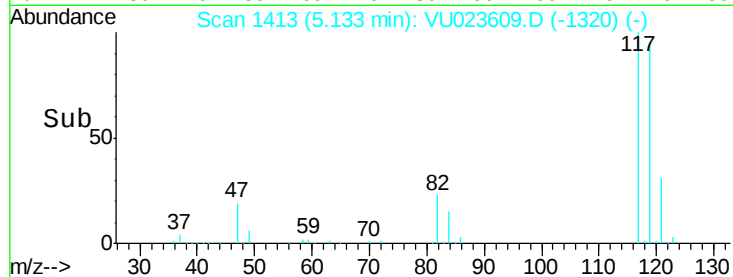
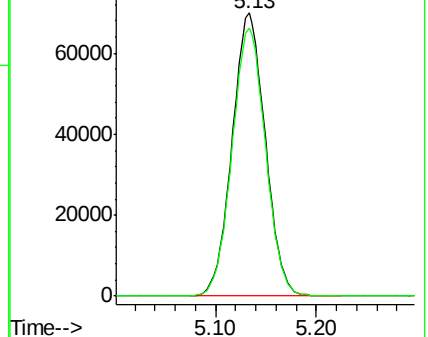
117 100

119 95.6 76.0 114.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 10.29 ug/L

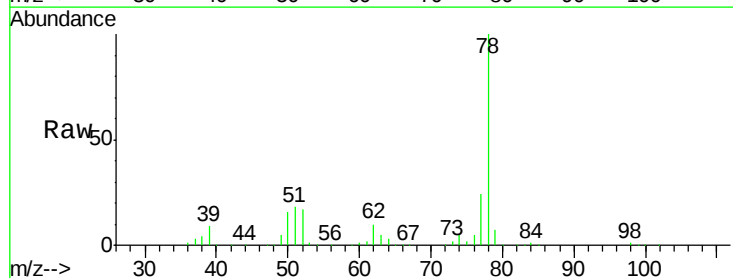
RT: 5.39 min Scan# 1493

Delta R.T. -0.00 min

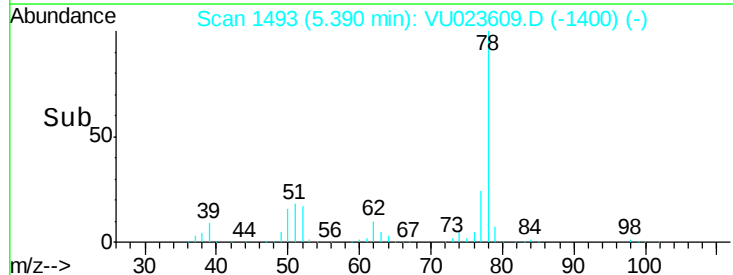
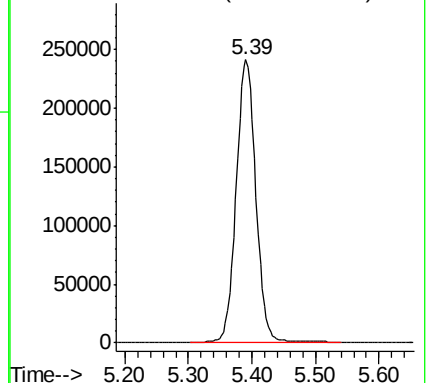
Lab File: VU023609.D

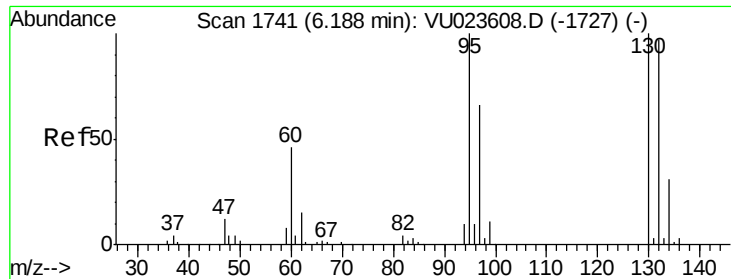
Acq: 03 May 2018 18:33

Tgt Ion: 78 Resp: 520839



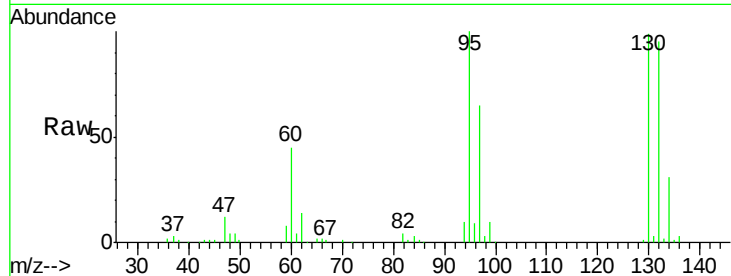
Abundance Ion 78.10 (77.80 to 78.80): VU0



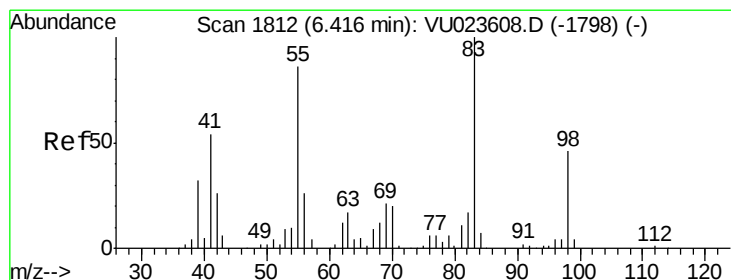
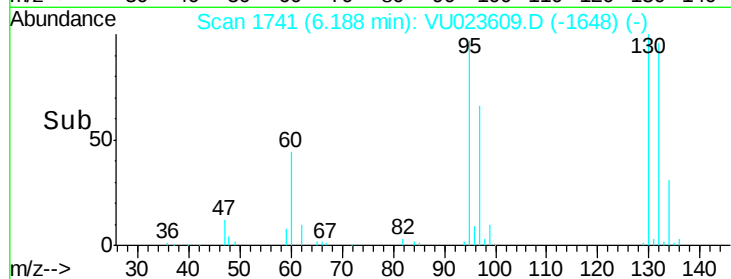
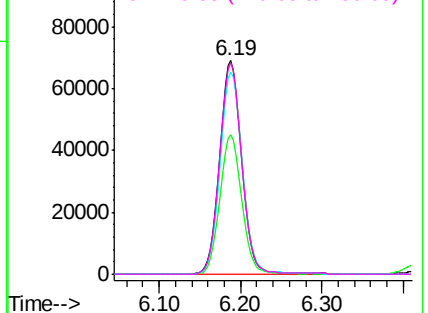


#34
 Trichloroethene
 Concen: 9.98 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023609.D
 Acq: 03 May 2018 18:33

Tgt Ion:	95	Resp:	132934
Ion	Ratio	Lower	Upper
95	100		
97	65.4	46.0	85.4
132	94.8	68.1	126.5
130	99.0	70.1	130.1

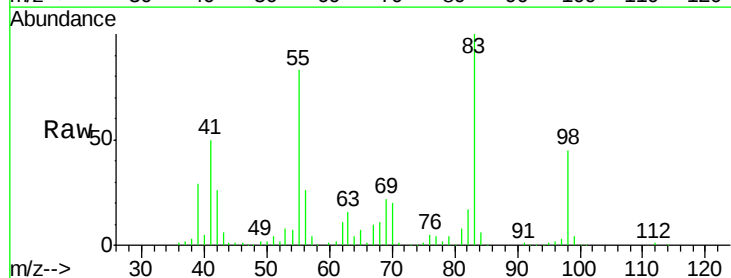


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

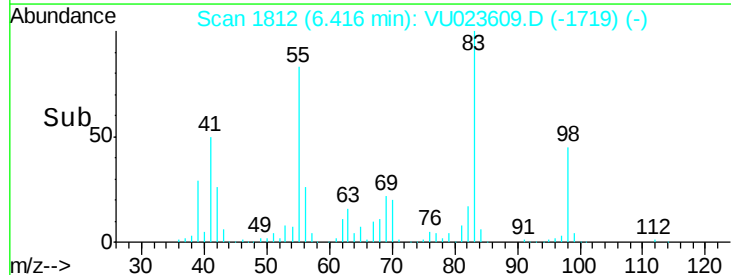
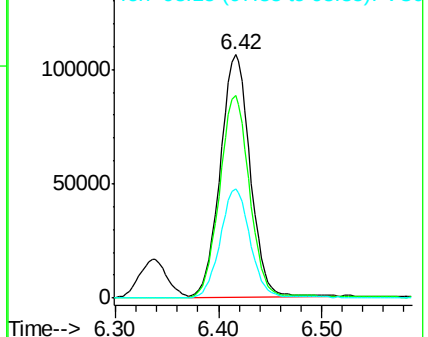


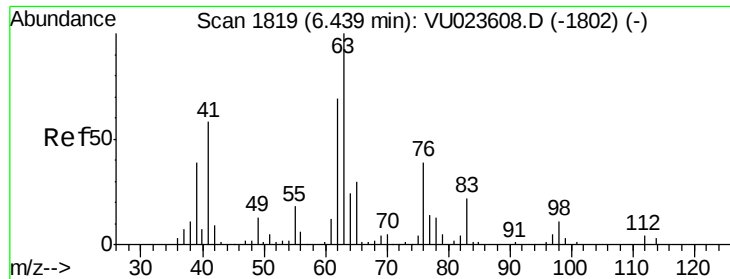
#35
 Methylcyclohexane
 Concen: 10.30 ug/L
 RT: 6.42 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VU023609.D
 Acq: 03 May 2018 18:33

Tgt Ion:	83	Resp:	213268
Ion	Ratio	Lower	Upper
83	100		
55	84.1	68.4	102.6
98	45.7	36.7	55.1



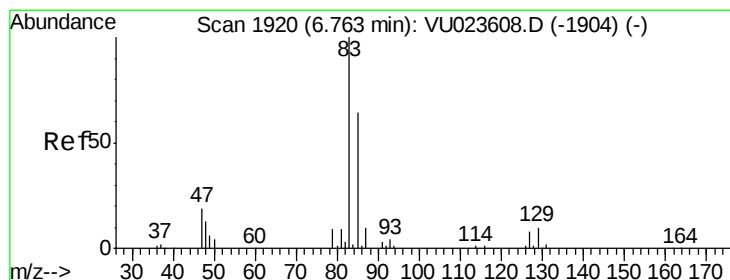
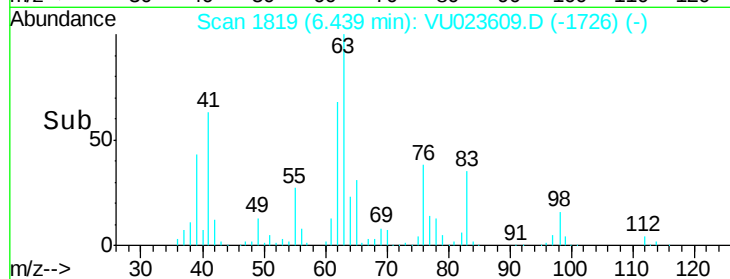
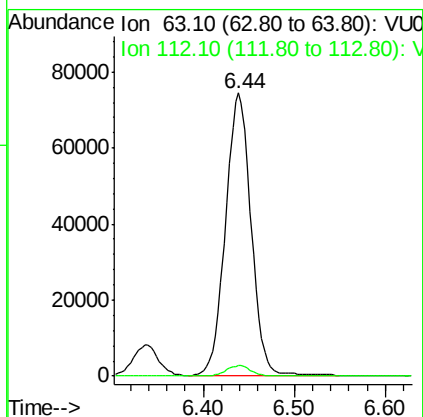
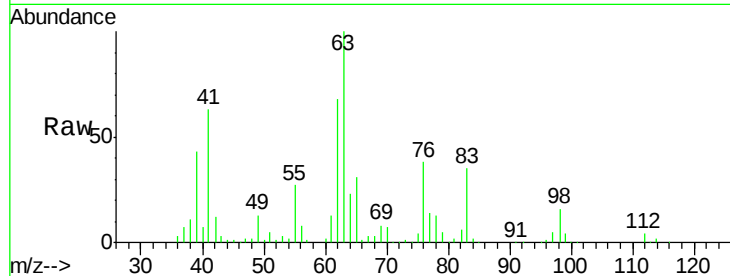
Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0





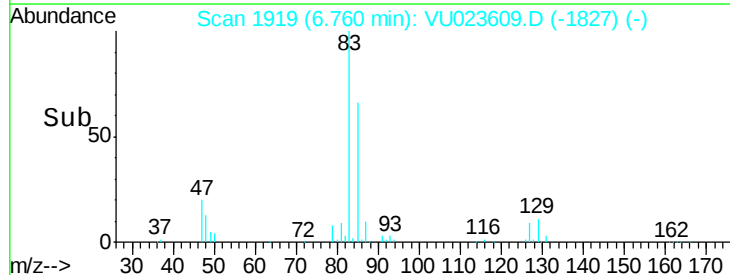
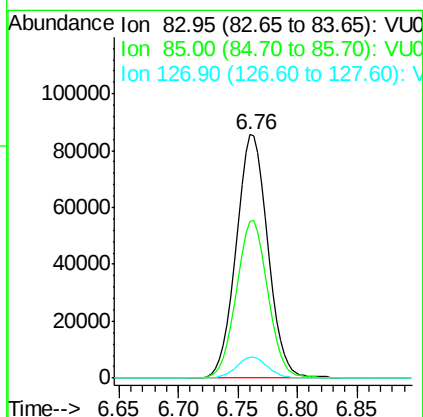
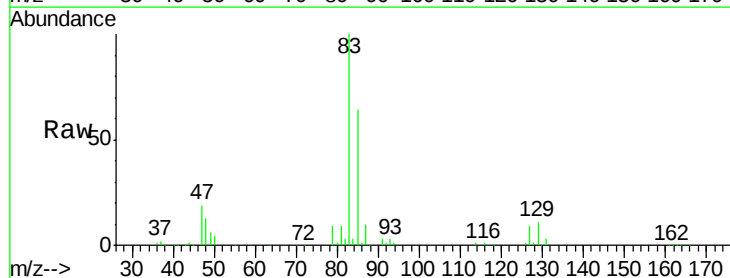
#37
 1,2-Dichloropropane
 Concen: 11.01 ug/L
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU023609.D
 Acq: 03 May 2018 18:33

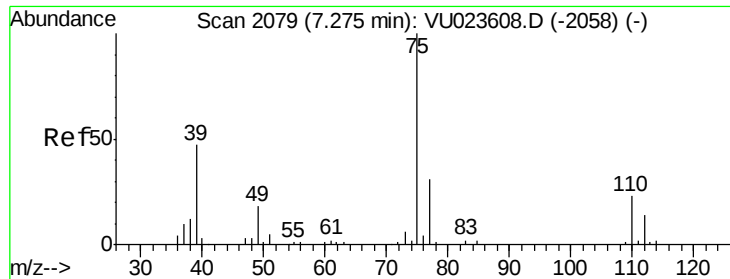
Tgt Ion: 63 Resp: 144667
 Ion Ratio Lower Upper
 63 100
 112 3.6 3.0 4.4



#38
 Bromodichloromethane
 Concen: 10.78 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU023609.D
 Acq: 03 May 2018 18:33

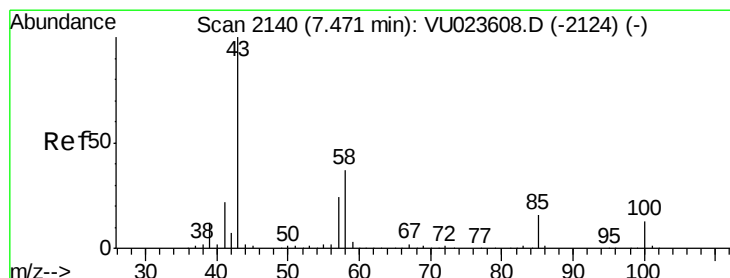
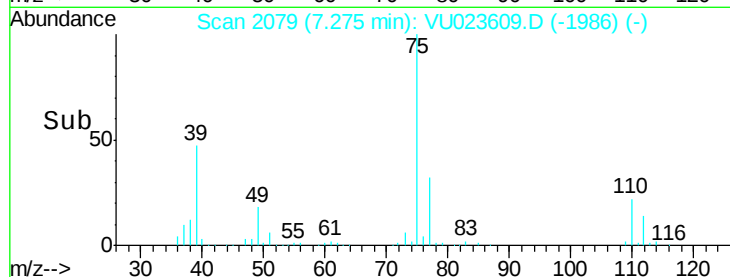
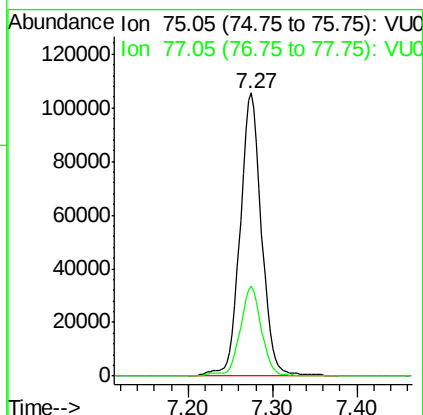
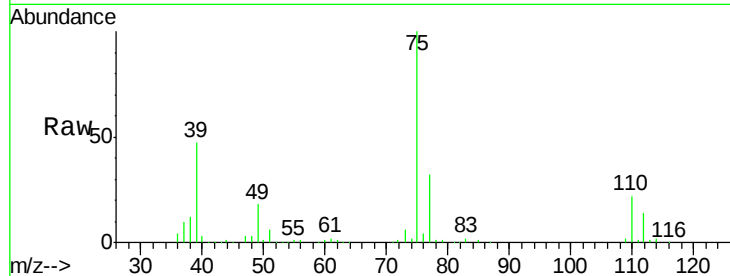
Tgt Ion: 83 Resp: 157342
 Ion Ratio Lower Upper
 83 100
 85 64.2 45.1 83.7
 127 8.6 6.7 10.1





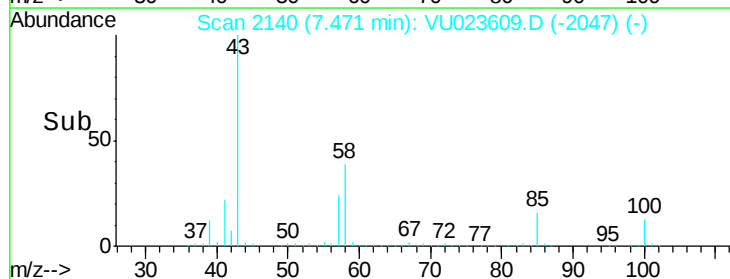
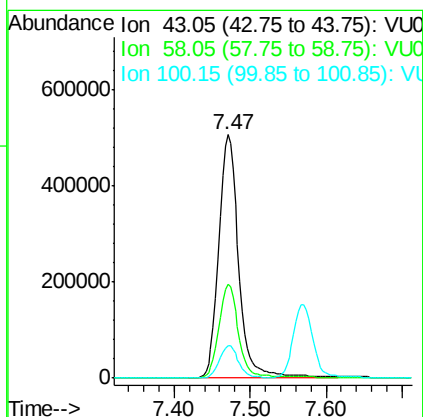
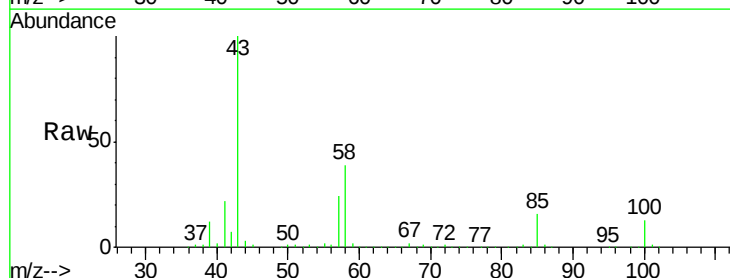
#39
 cis-1,3-Dichloropropene
 Concen: 11.03 ug/L
 RT: 7.27 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VU023609.D
 Acq: 03 May 2018 18:33

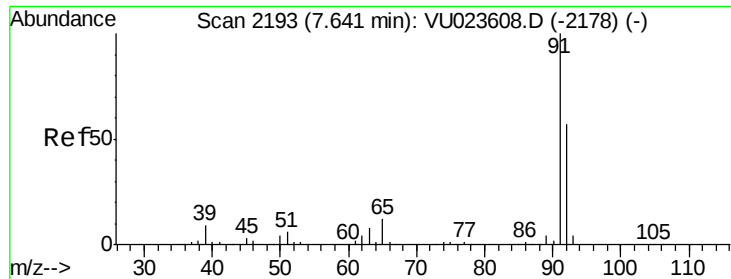
Tgt Ion: 75 Resp: 188158
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 128.57 ug/L
 RT: 7.47 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VU023609.D
 Acq: 03 May 2018 18:33

Tgt Ion: 43 Resp: 924418
 Ion Ratio Lower Upper
 43 100
 58 37.9 29.7 44.5
 100 13.0 10.1 15.1





#42

Toluene

Concen: 10.39 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023609.D

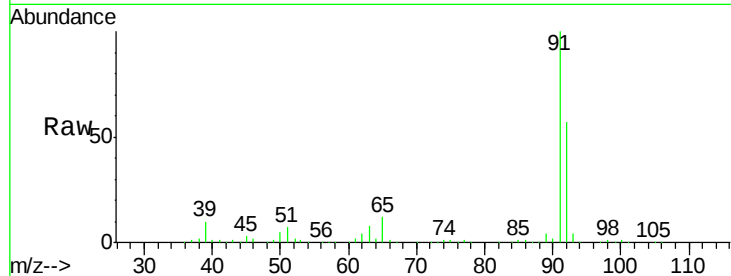
Acq: 03 May 2018 18:33

Tgt Ion: 91 Resp: 554395

Ion Ratio Lower Upper

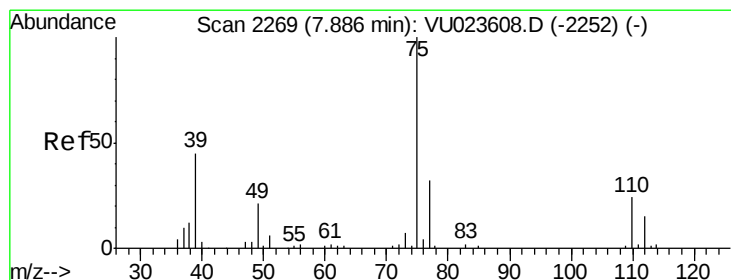
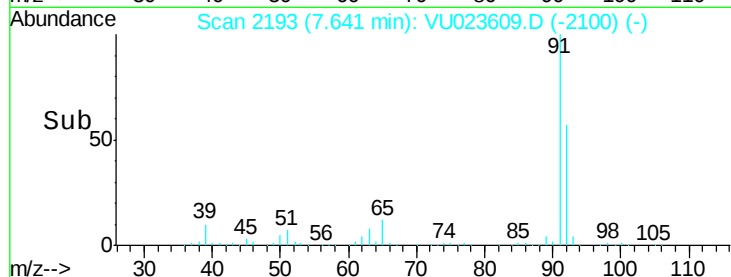
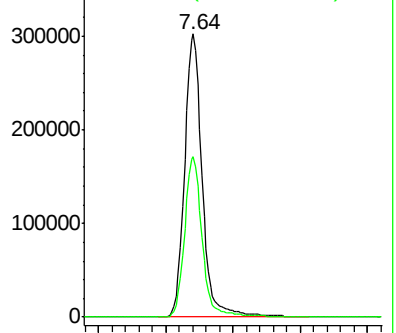
91 100

92 56.7 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#44

trans-1,3-Dichloropropene

Concen: 11.83 ug/L

RT: 7.89 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VU023609.D

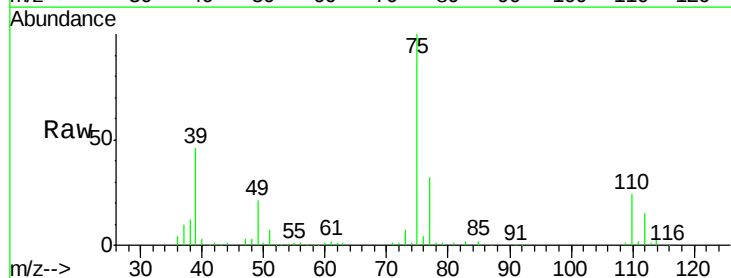
Acq: 03 May 2018 18:33

Tgt Ion: 75 Resp: 153966

Ion Ratio Lower Upper

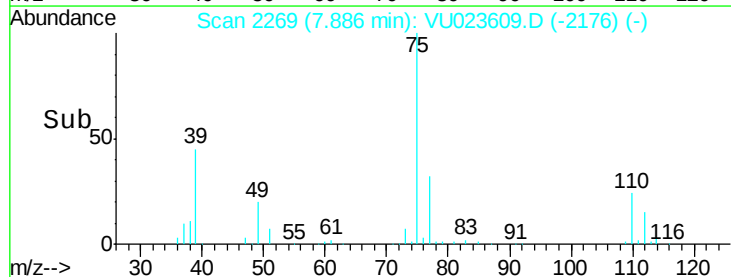
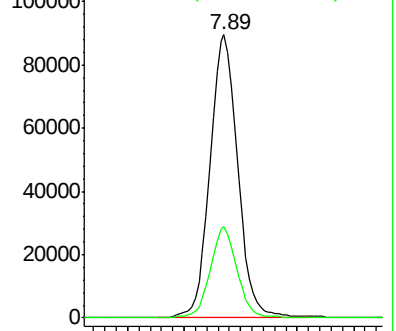
75 100

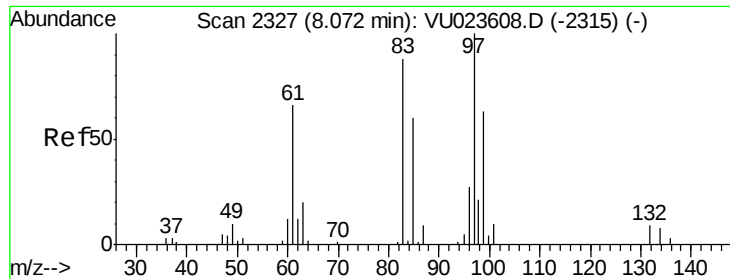
77 32.1 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU0

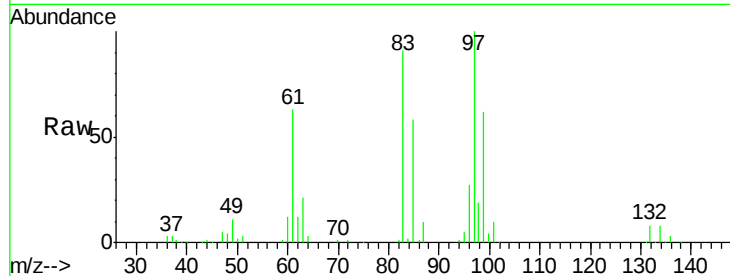
Ion 77.05 (76.75 to 77.75): VU0



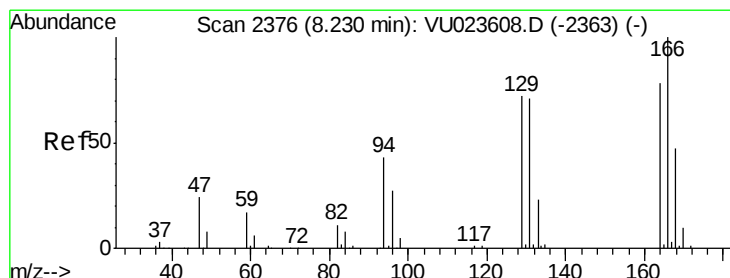
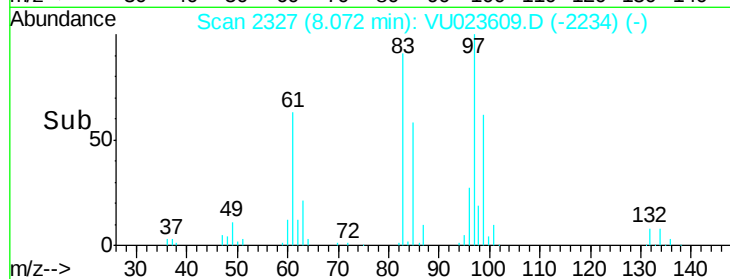
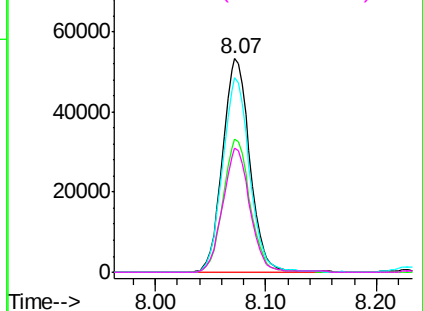


#45
 1,1,2-Trichloroethane
 Concen: 10.22 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: VU023609.D
 Acq: 03 May 2018 18:33

Tgt Ion:	97	Resp:	91307
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.0	81.8
83	91.2	61.6	114.4
85	58.1	41.8	77.6

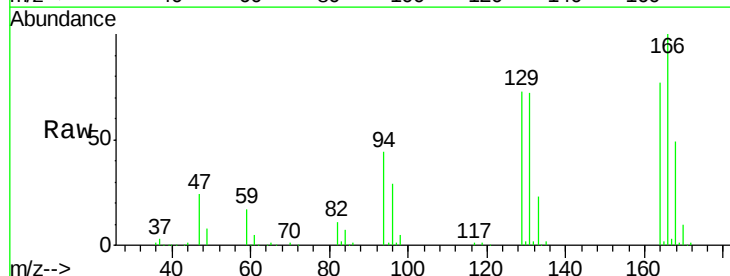


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

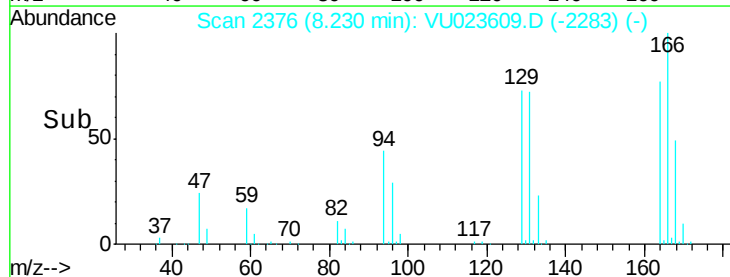
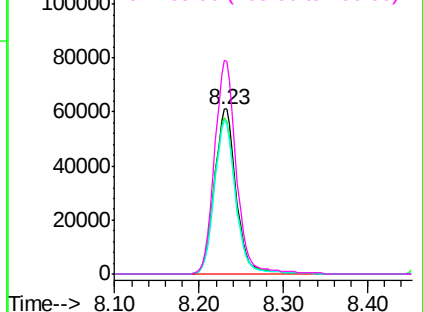


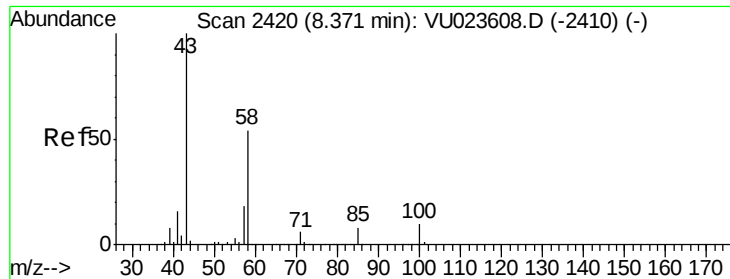
#47
 Tetrachloroethene
 Concen: 9.79 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU023609.D
 Acq: 03 May 2018 18:33

Tgt Ion:	164	Resp:	108880
Ion	Ratio	Lower	Upper
164	100		
129	94.8	64.4	119.6
131	93.1	63.9	118.7
166	129.4	90.0	167.2



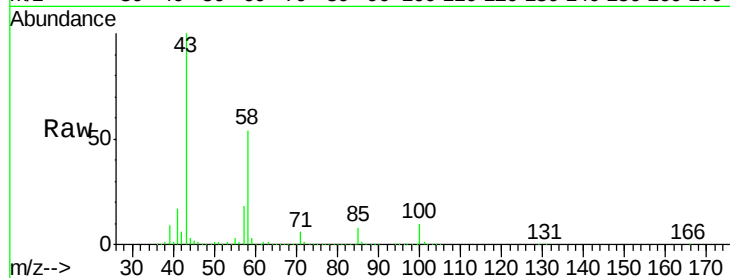
Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V



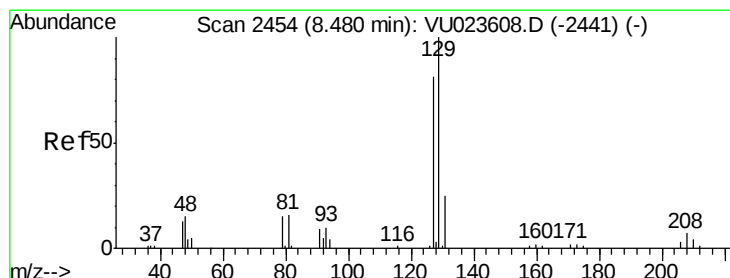
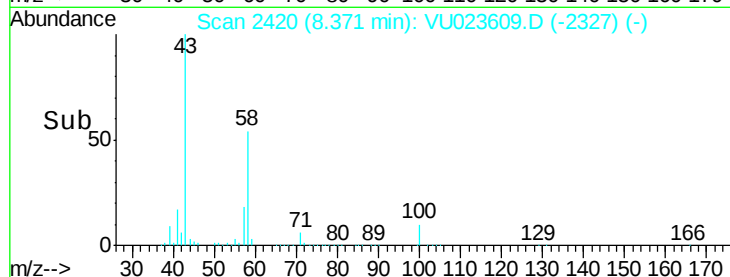
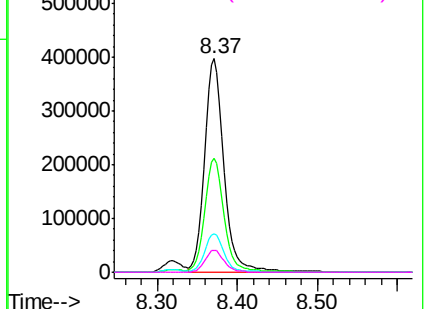


#48
2-Hexanone
Concen: 130.94 ug/L
RT: 8.37 min Scan# 2420
Delta R.T. -0.00 min
Lab File: VU023609.D
Acq: 03 May 2018 18:33

Tgt Ion:	43	Resp:	670750
Ion	Ratio	Lower	Upper
43	100		
58	53.9	42.1	63.1
57	18.1	14.3	21.5
100	10.1	7.8	11.8

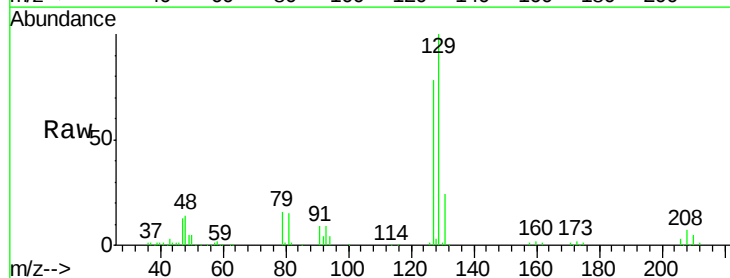


Abundance Ion 43.05 (42.75 to 43.75): VU023609.D (-2327) (-)
Ion 58.05 (57.75 to 58.75): VU023609.D (-2327) (-)
Ion 57.20 (56.90 to 57.90): VU023609.D (-2327) (-)
Ion 100.15 (99.85 to 100.85): VU023609.D (-2327) (-)

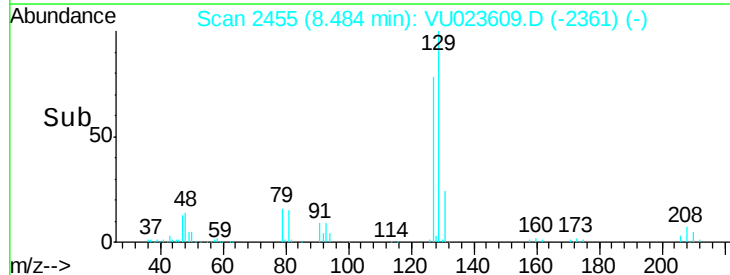
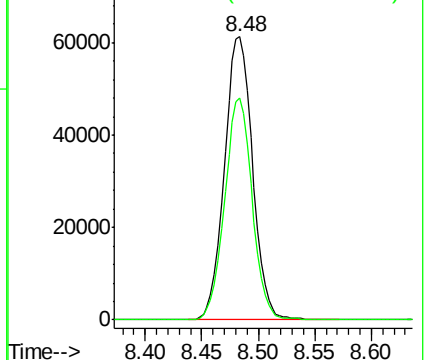


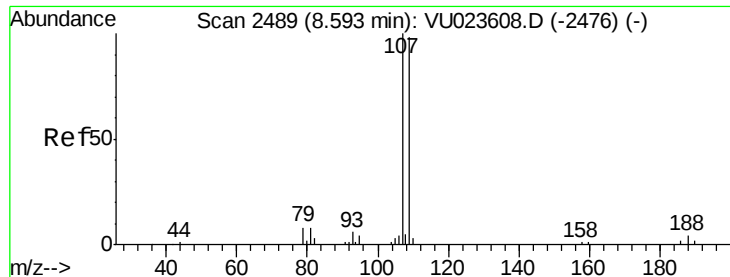
#49
Dibromochloromethane
Concen: 10.84 ug/L
RT: 8.48 min Scan# 2455
Delta R.T. 0.00 min
Lab File: VU023609.D
Acq: 03 May 2018 18:33

Tgt Ion:	129	Resp:	106100
Ion	Ratio	Lower	Upper
129	100		
127	78.5	56.9	105.7



Abundance Ion 128.95 (128.65 to 129.65): VU023609.D (-2361) (-)
Ion 126.90 (126.60 to 127.60): VU023609.D (-2361) (-)





#50

1,2-Dibromoethane

Concen: 10.30 ug/L

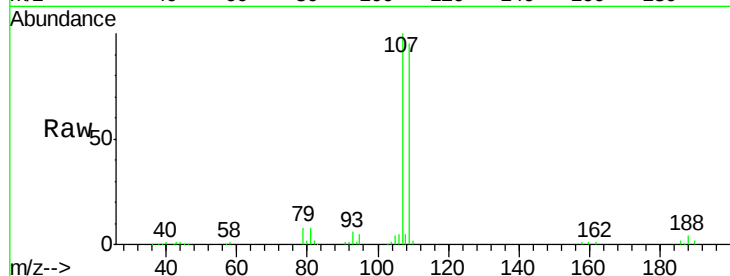
RT: 8.59 min Scan# 2489

Delta R.T. -0.00 min

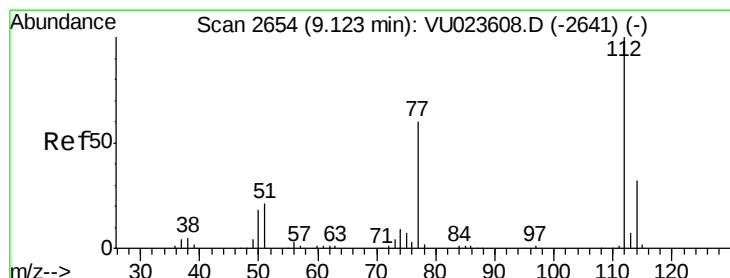
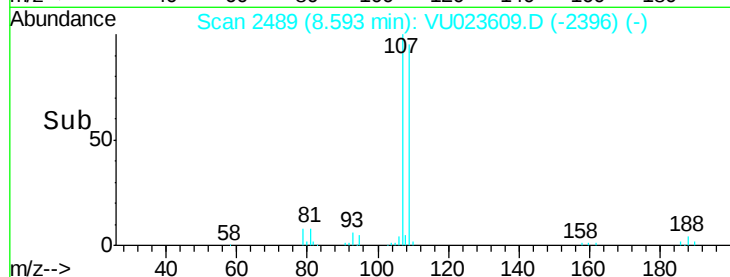
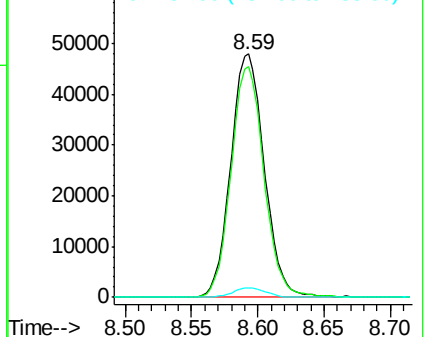
Lab File: VU023609.D

Acq: 03 May 2018 18:33

Tgt Ion:	107	Resp:	84377
Ion	Ratio	Lower	Upper
107	100		
109	94.6	68.4	127.0
188	3.8	3.0	4.4



Abundance Ion 106.95 (106.65 to 107.65): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 187.90 (187.60 to 188.60): V



#51

Chlorobenzene

Concen: 10.09 ug/L

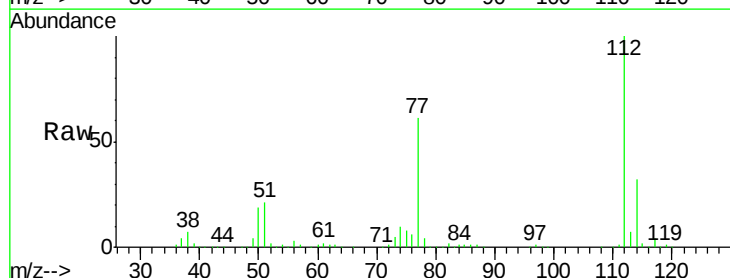
RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

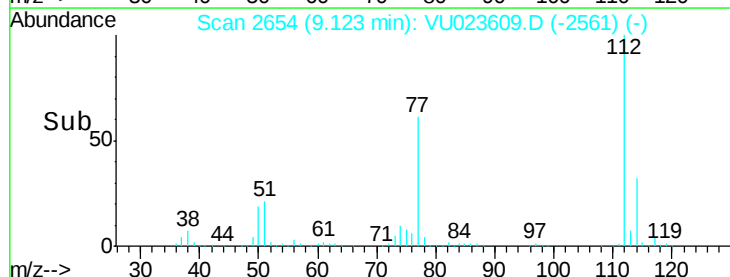
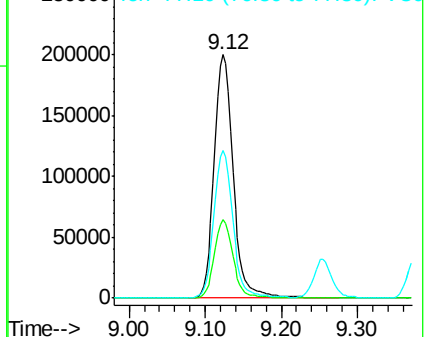
Lab File: VU023609.D

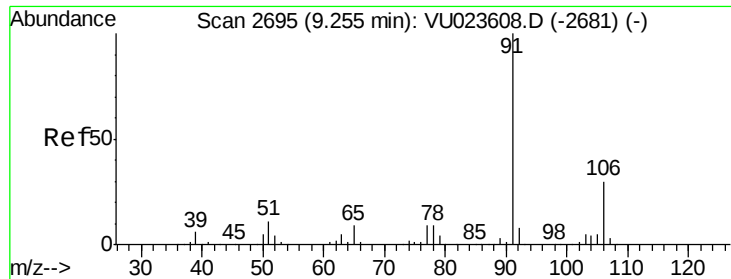
Acq: 03 May 2018 18:33

Tgt Ion:	112	Resp:	348252
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.3	41.3
77	60.7	48.8	73.2



Abundance Ion 112.10 (111.80 to 112.80): V
 Ion 114.05 (113.75 to 114.75): V
 Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 10.49 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. -0.00 min

Lab File: VU023609.D

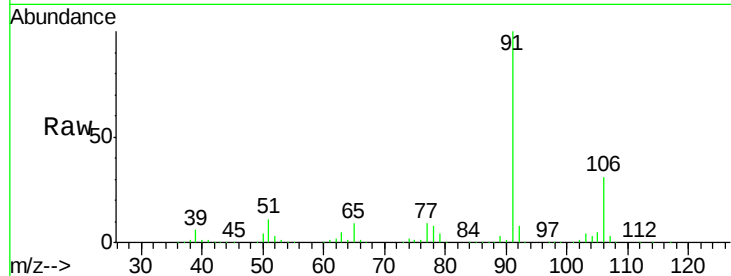
Acq: 03 May 2018 18:33

Tgt Ion: 91 Resp: 592247

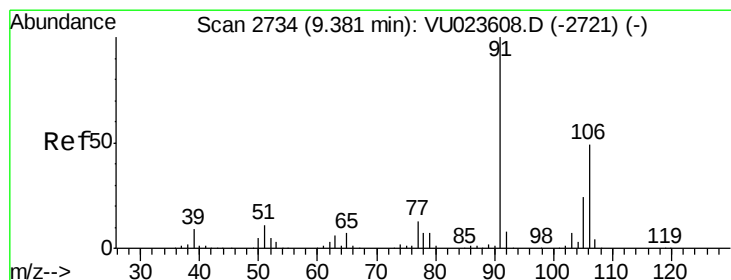
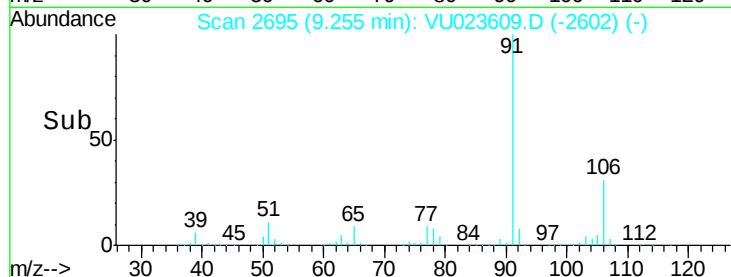
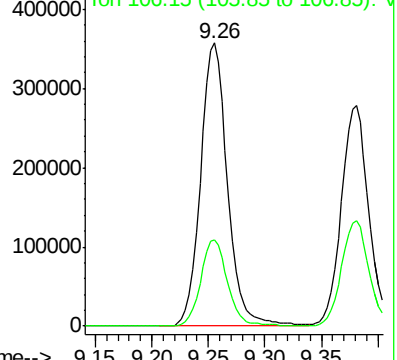
Ion Ratio Lower Upper

91 100

106 30.6 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VU023609.D (-2602) (-)



#53

m,p-xylene

Concen: 10.54 ug/L

RT: 9.38 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VU023609.D

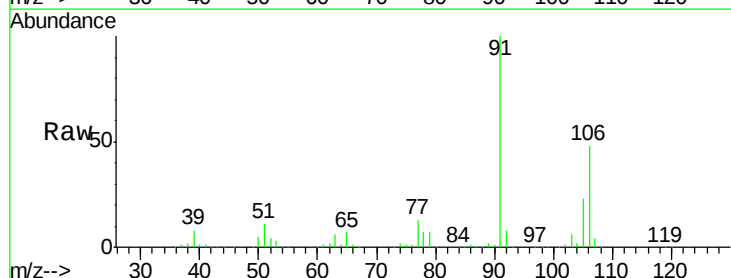
Acq: 03 May 2018 18:33

Tgt Ion: 106 Resp: 224986

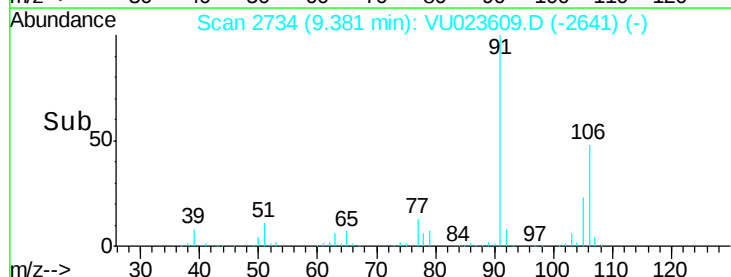
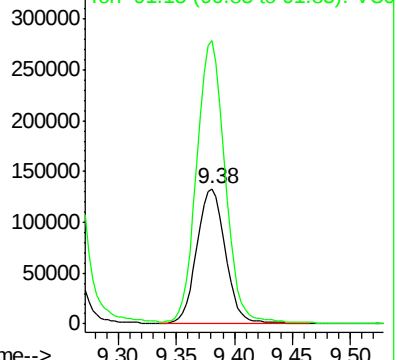
Ion Ratio Lower Upper

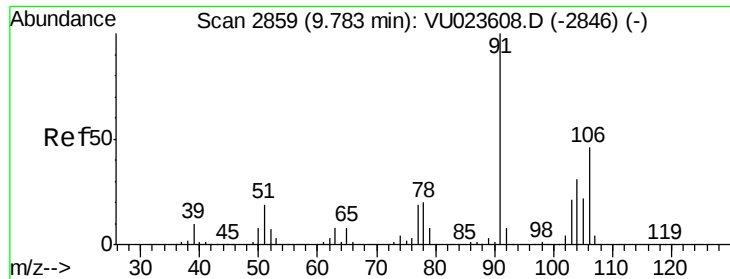
106 100

91 209.1 142.4 264.4



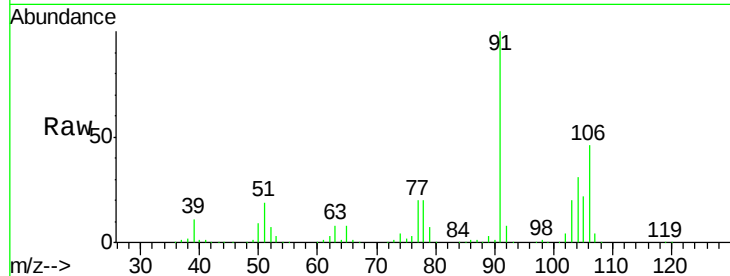
Abundance Ion 106.15 (105.85 to 106.85): VU023609.D (-2641) (-)



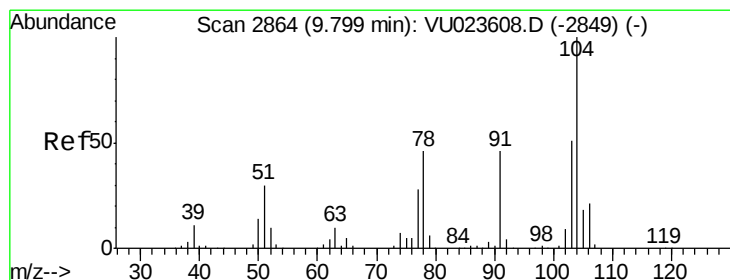
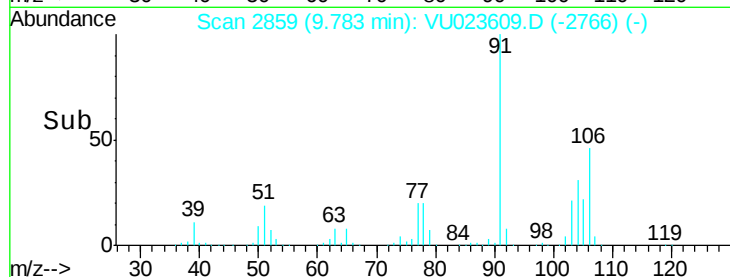
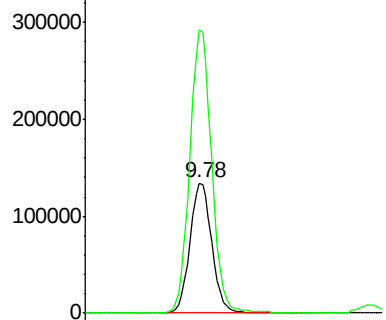


#54
o-xylene
Concen: 10.45 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023609.D
Acq: 03 May 2018 18:33

Tgt Ion:106 Resp: 216095
Ion Ratio Lower Upper
106 100
91 217.1 151.5 281.5

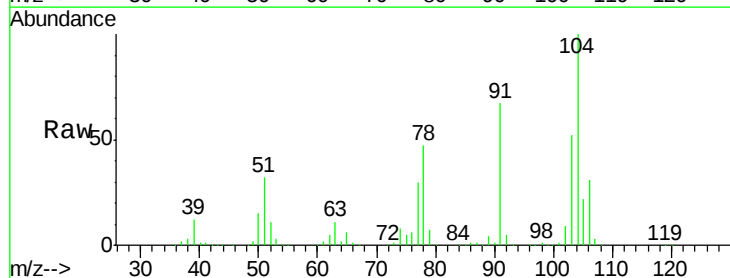


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

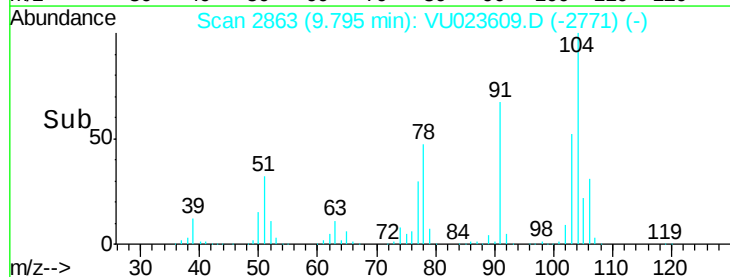
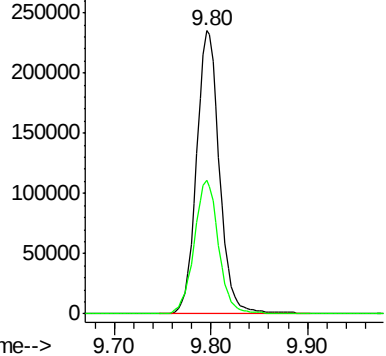


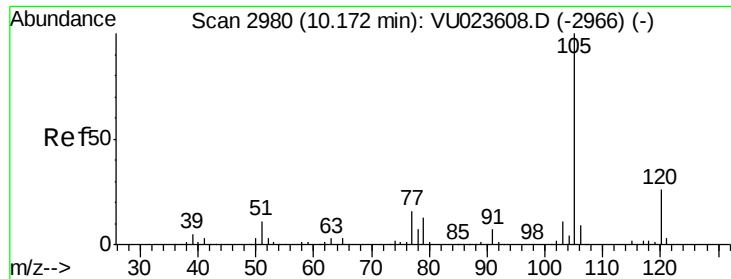
#55
Styrene
Concen: 11.10 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023609.D
Acq: 03 May 2018 18:33

Tgt Ion:104 Resp: 387252
Ion Ratio Lower Upper
104 100
78 47.2 32.0 59.4



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 10.79 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. -0.00 min

Lab File: VU023609.D

Acq: 03 May 2018 18:33

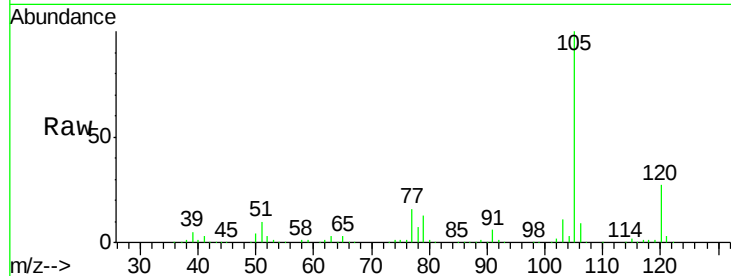
Tgt Ion: 105 Resp: 577849

Ion Ratio Lower Upper

105 100

120 26.3 21.1 31.7

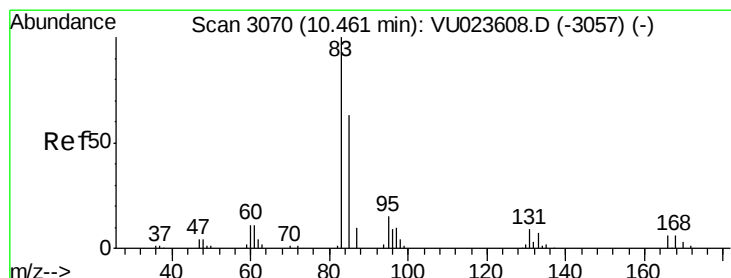
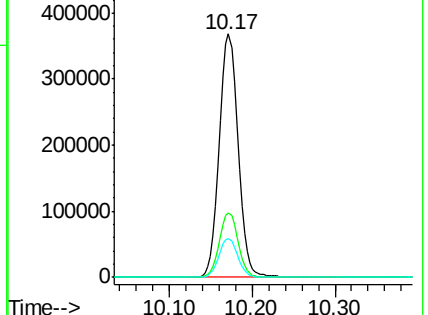
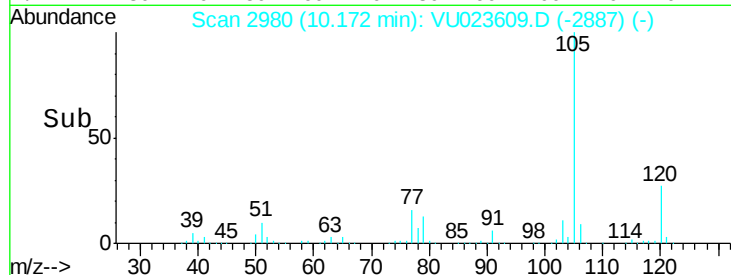
77 16.0 13.1 19.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 10.81 ug/L

RT: 10.46 min Scan# 3071

Delta R.T. 0.00 min

Lab File: VU023609.D

Acq: 03 May 2018 18:33

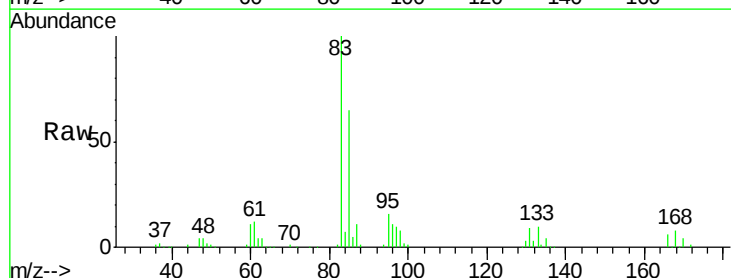
Tgt Ion: 83 Resp: 119275

Ion Ratio Lower Upper

83 100

85 64.8 44.2 82.2

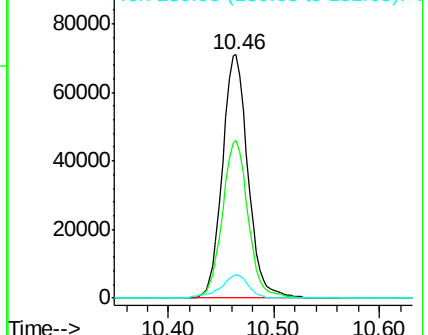
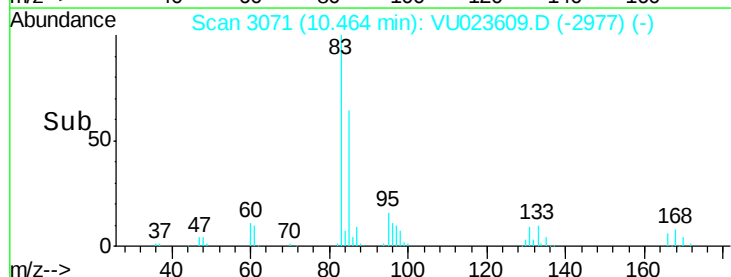
131 9.5 7.3 10.9

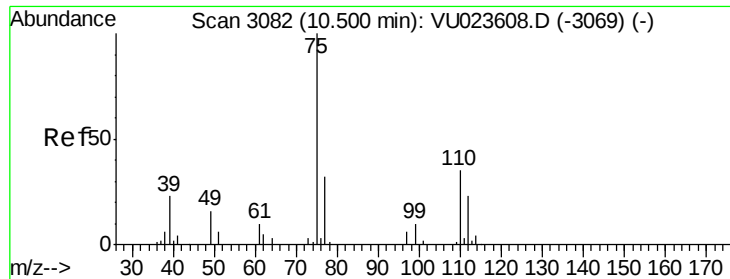


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

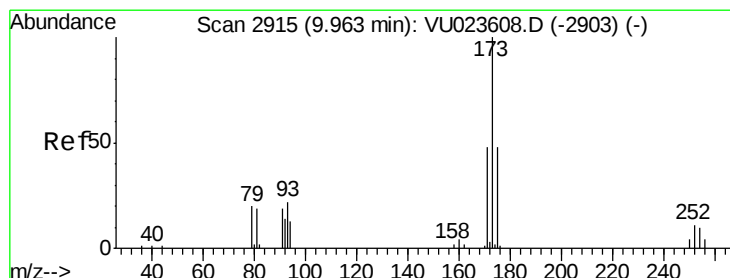
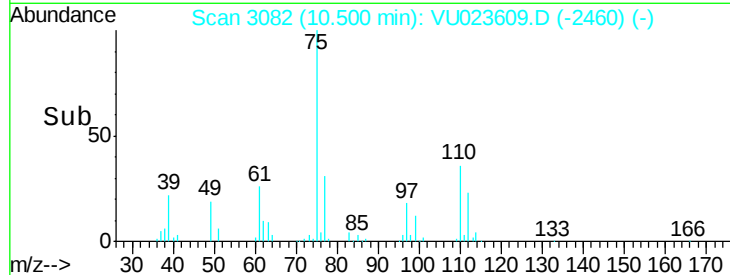
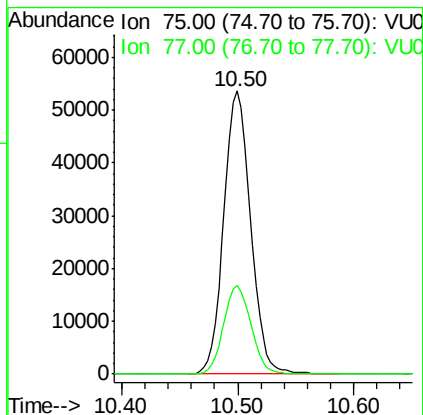
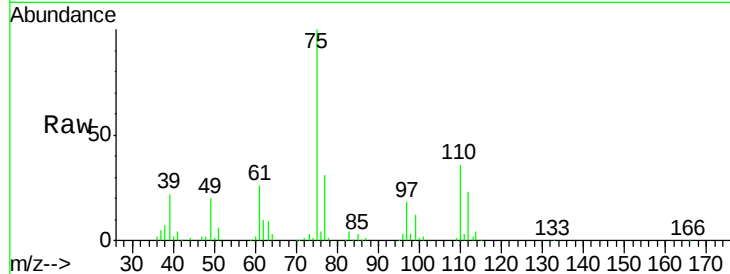
Ion 130.95 (130.65 to 131.65): V





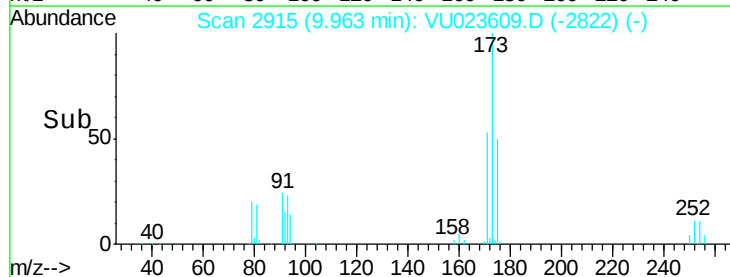
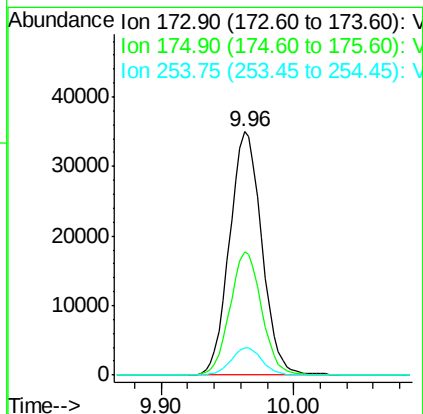
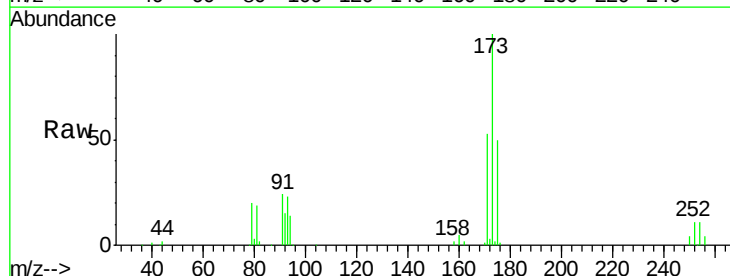
#59
 1,2,3-Trichloropropane
 Concen: 10.91 ug/L
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.00 min
 Lab File: VU023609.D
 Acq: 03 May 2018 18:33

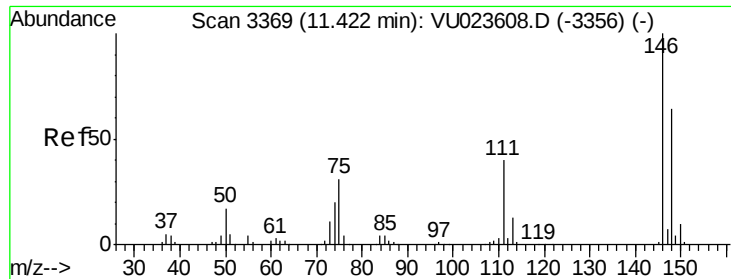
Tgt Ion: 75 Resp: 85780
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.0 39.0



#61
 Bromoform
 Concen: 10.48 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU023609.D
 Acq: 03 May 2018 18:33

Tgt Ion: 173 Resp: 59086
 Ion Ratio Lower Upper
 173 100
 175 49.6 38.1 57.1
 254 10.9 8.6 13.0





#62

1,3-Dichlorobenzene

Concen: 9.84 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. -0.00 min

Lab File: VU023609.D

Acq: 03 May 2018 18:33

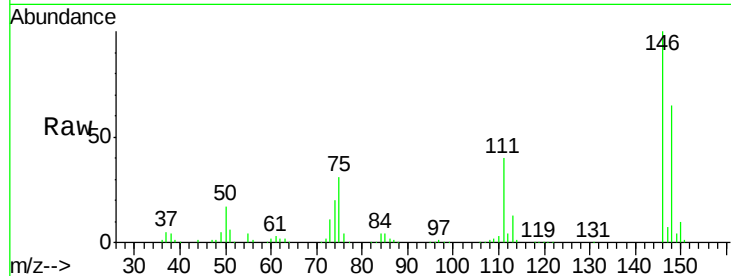
Tgt Ion:146 Resp: 270703

Ion Ratio Lower Upper

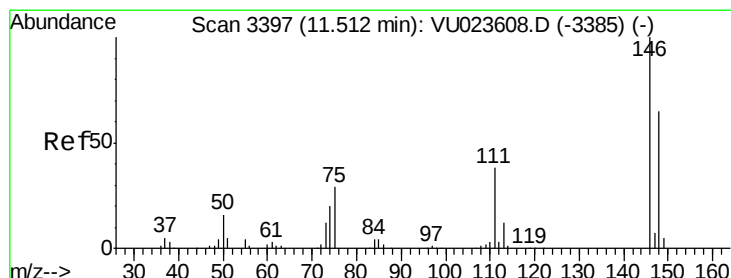
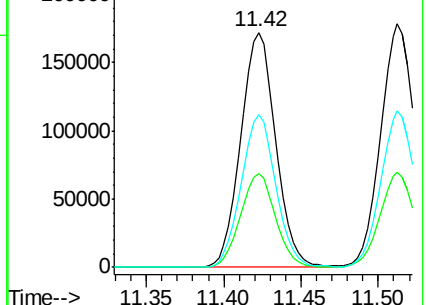
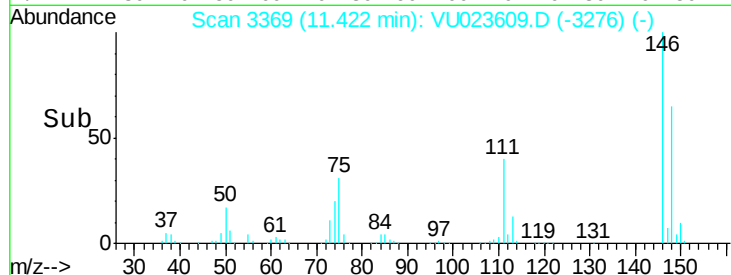
146 100

111 39.9 27.9 51.9

148 64.9 44.7 83.1



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 9.92 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. -0.00 min

Lab File: VU023609.D

Acq: 03 May 2018 18:33

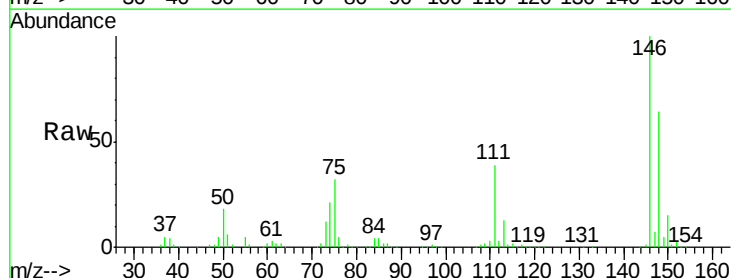
Tgt Ion:146 Resp: 280062

Ion Ratio Lower Upper

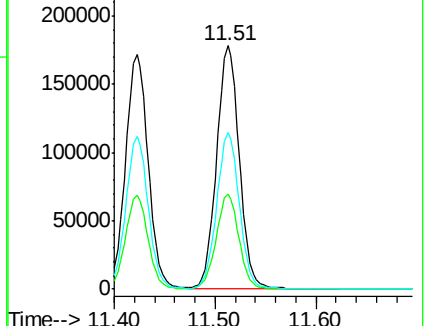
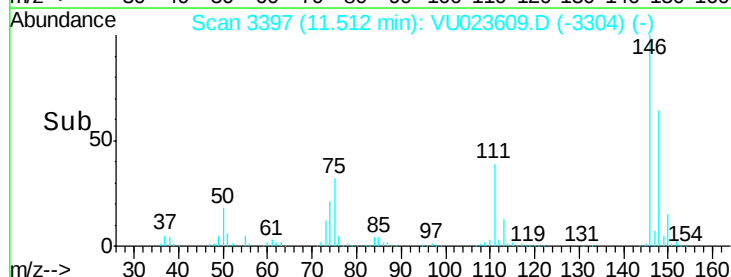
146 100

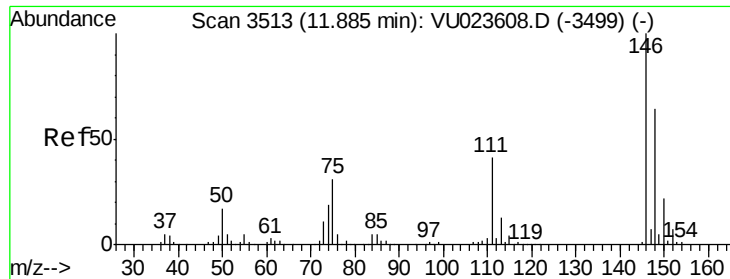
111 38.9 26.7 49.5

148 64.3 45.4 84.4



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 10.00 ug/L

RT: 11.89 min Scan# 3513

Delta R.T. -0.00 min

Lab File: VU023609.D

Acq: 03 May 2018 18:33

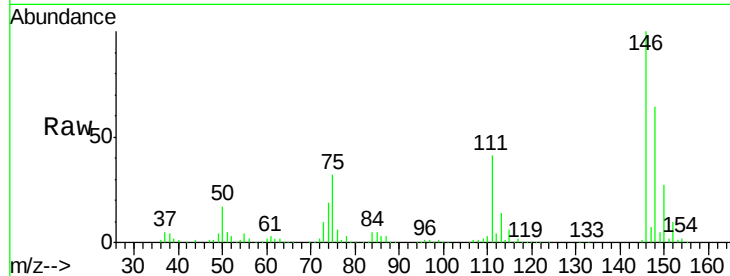
Tgt Ion: 146 Resp: 265468

Ion Ratio Lower Upper

146 100

111 41.2 33.0 49.6

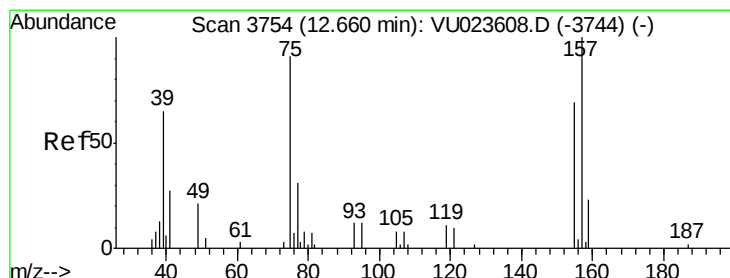
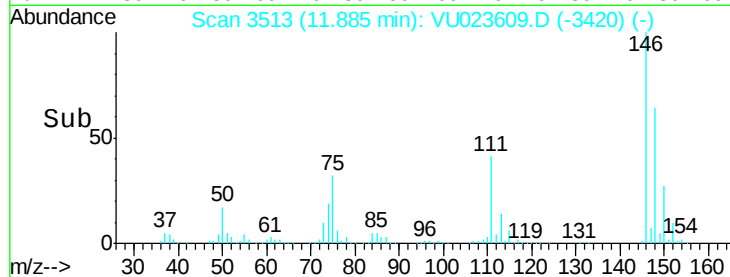
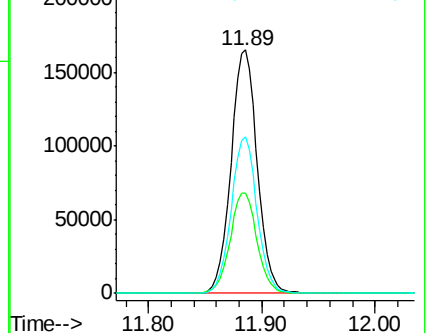
148 64.2 50.8 76.2



Abundance Ion 145.95 (145.65 to 146.65): 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: 11.98 ug/L

RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

Lab File: VU023609.D

Acq: 03 May 2018 18:33

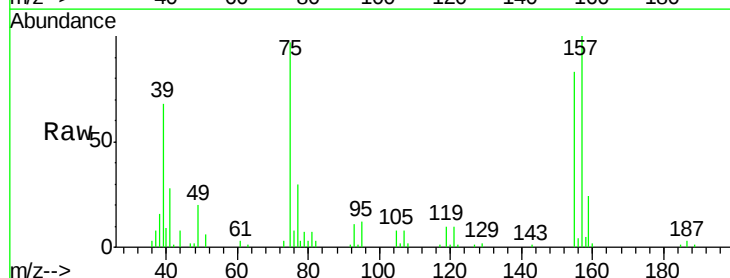
Tgt Ion: 75 Resp: 18176

Ion Ratio Lower Upper

75 100

155 85.6 60.6 90.8

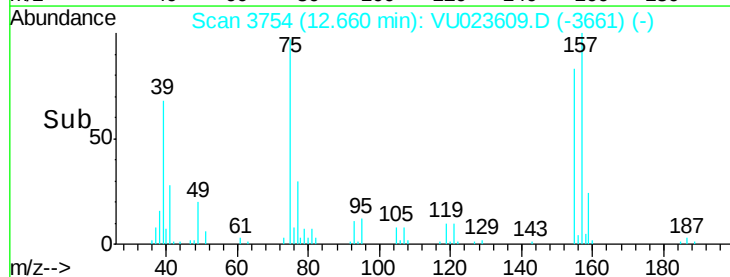
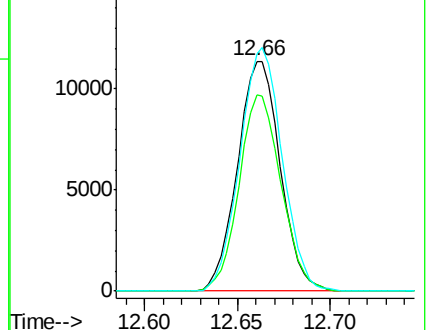
157 103.1 87.7 131.5

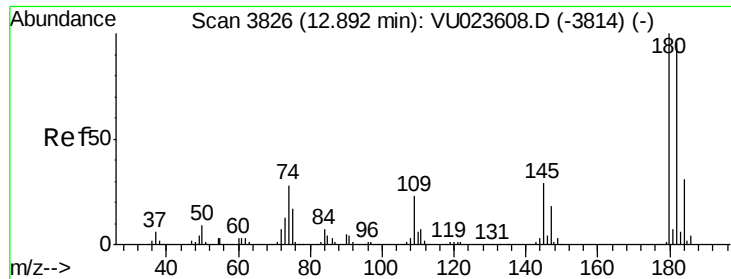


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

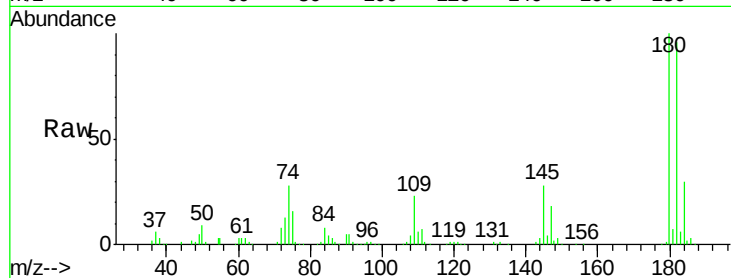
Ion 156.90 (156.60 to 157.60): V





#67
 1,3,5-Trichlorobenzene
 Concen: 10.16 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU023609.D
 Acq: 03 May 2018 18:33

Tgt Ion:	180	Resp:	229093
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.2
184	30.4	24.4	36.6
145	27.9	22.8	34.2

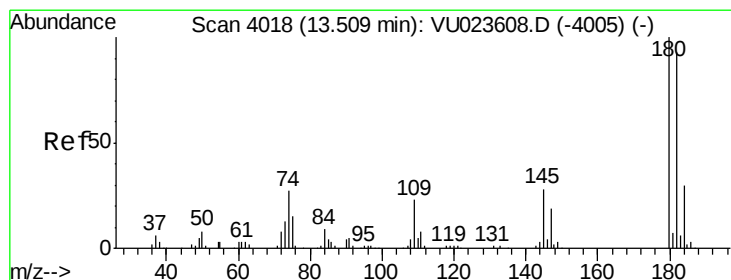
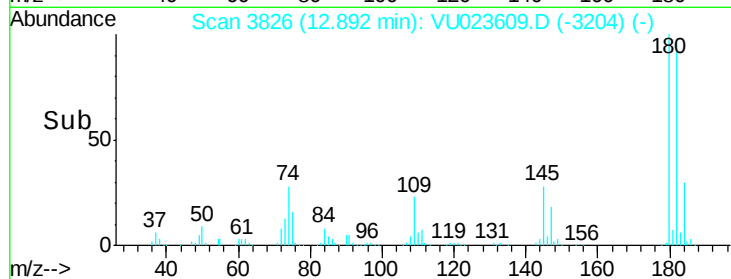
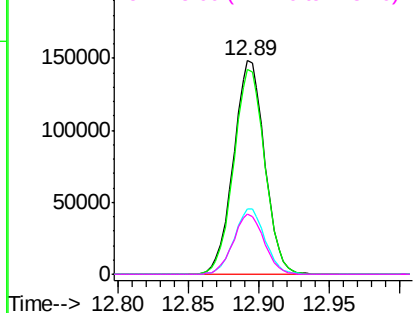


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

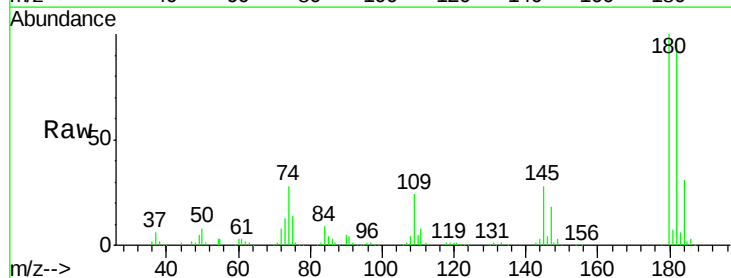
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 10.36 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. -0.00 min
 Lab File: VU023609.D
 Acq: 03 May 2018 18:33

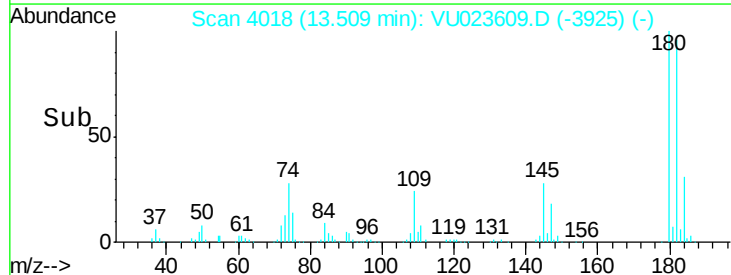
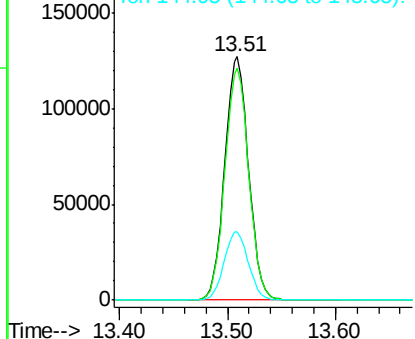
Tgt Ion:	180	Resp:	195253
Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.7	113.5
145	28.5	22.5	33.7

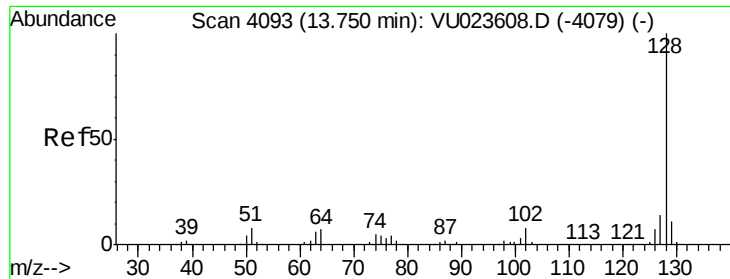


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

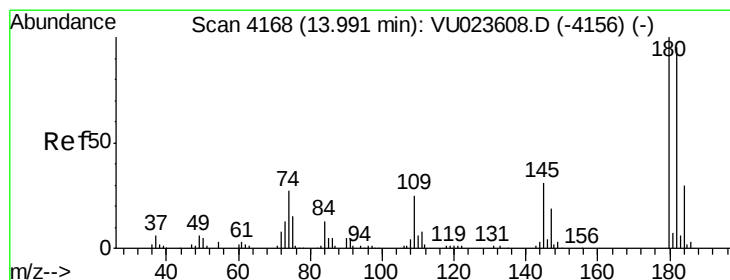
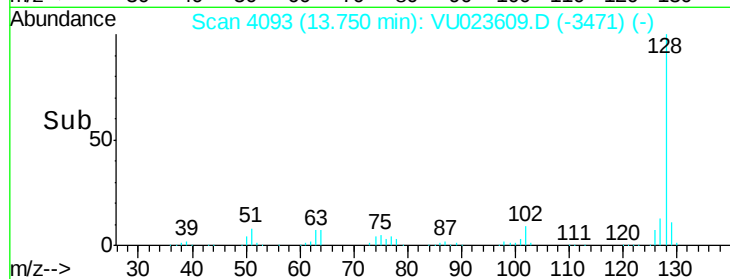
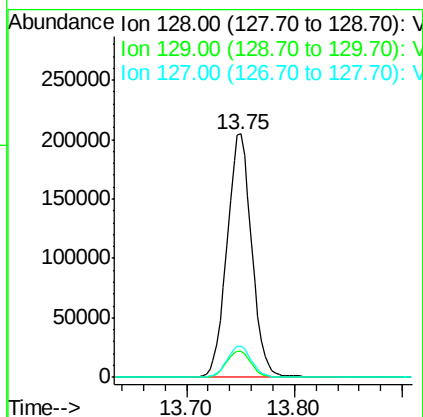
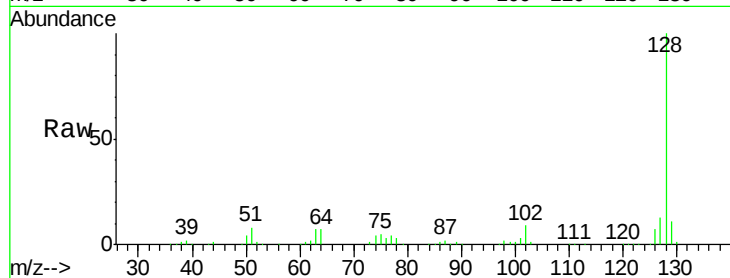
Ion 144.95 (144.65 to 145.65): V





#69
Naphthalene
Concen: 10.97 ug/L
RT: 13.75 min Scan# 4093
Delta R.T. -0.00 min
Lab File: VU023609.D
Acq: 03 May 2018 18:33

Tgt Ion:128 Resp: 326862
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.8 10.5 15.7



#70
1,2,3-Trichlorobenzene
Concen: 10.49 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU023609.D
Acq: 03 May 2018 18:33

Tgt Ion:180 Resp: 185801
Ion Ratio Lower Upper
180 100
182 96.0 75.9 113.9
145 30.5 24.3 36.5

