

Data File : VU023612.D
Acq On : 03 May 2018 19:55
Operator : MD/SY
Sample : VSTDCCC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 04 04:32:39 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 01:50:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	167296	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	167852	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	84302	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60642	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.68	69	44969	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.28	63	108867	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	4.20	46	178527	50.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	4.65	84	110447	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.32	65	58476	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.34	84	218678	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.34	67	72625	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.57	98	210568	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.85	79	26252	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.32	63	141543	51.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.24%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	58400	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	77158	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81369	5.16	ug/L	100
3) Chloromethane	1.33	50	88921	5.18	ug/L	99
5) Vinyl chloride	1.40	62	81044	5.18	ug/L	99
6) Bromomethane	1.63	94	44335	5.31	ug/L	97
8) Chloroethane	1.70	64	46790	4.90	ug/L	97
9) Trichlorofluoromethane	1.89	101	92422	5.25	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	54772	5.27	ug/L	98
12) 1,1-Dichloroethene	2.28	96	51142	5.19	ug/L	98
13) Acetone	2.33	43	105499	52.59	ug/L	96
14) Carbon disulfide	2.47	76	180204	5.07	ug/L	100
15) Methyl Acetate	2.62	43	29134	5.16	ug/L	98
16) Methylene chloride	2.70	84	57620	5.10	ug/L	99
17) Methyl tert-butyl Ether	3.01	73	133225	5.25	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	55655	5.11	ug/L	98
19) 1,1-Dichloroethane	3.44	63	108470	5.26	ug/L	98
21) 2-Butanone	4.29	43	194578	52.45	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	67713	5.23	ug/L	99

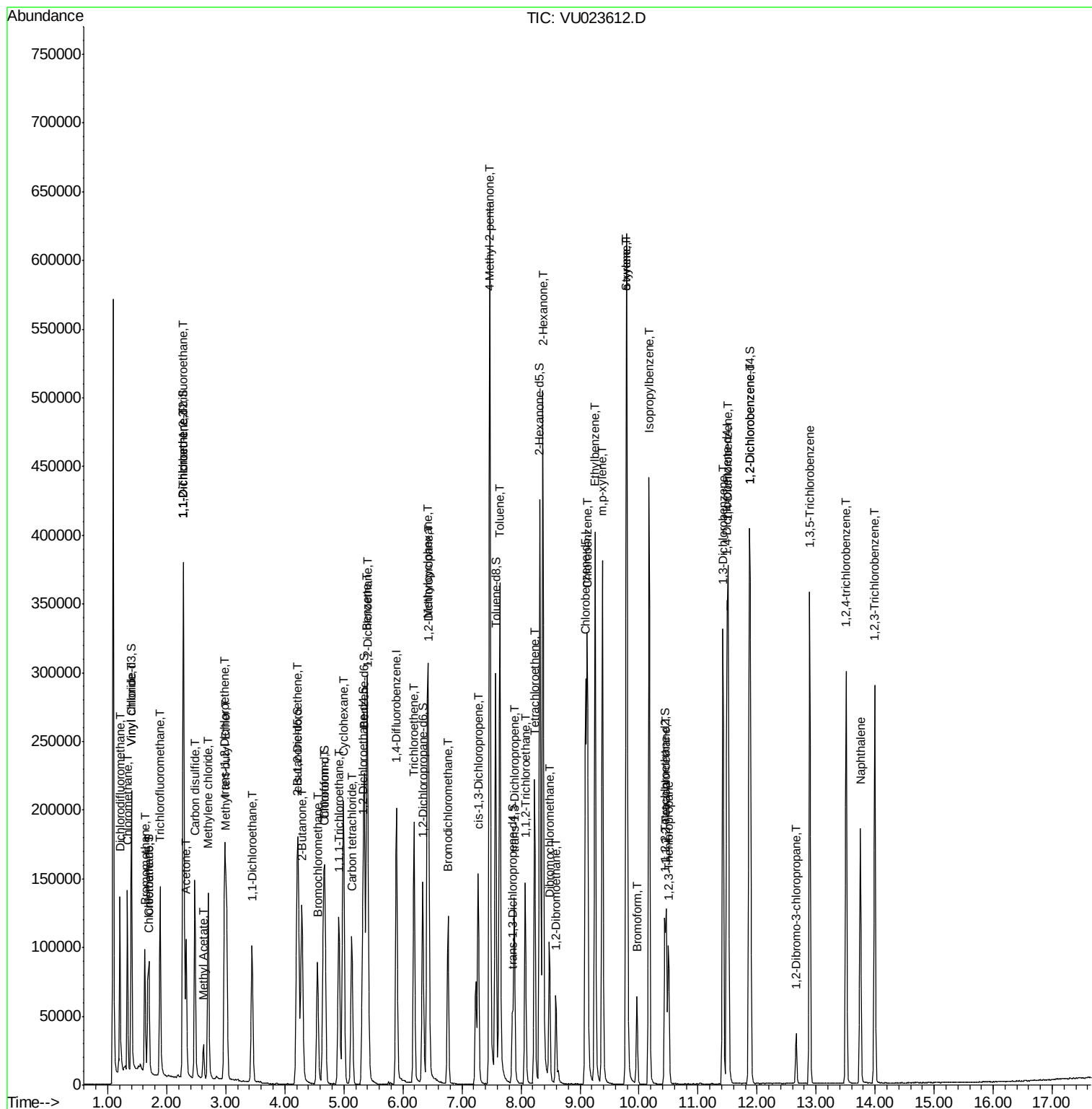
Data File : VU023612.D
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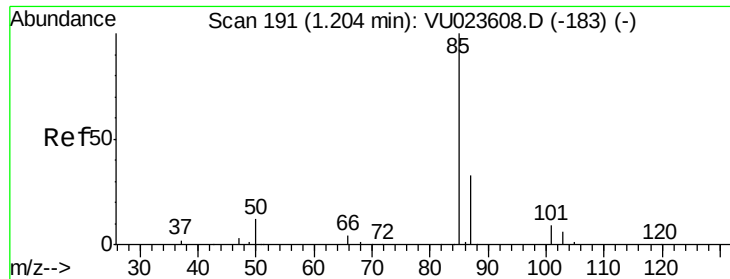
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Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 01:50:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	29444	5.26	ug/L	99
25) Chloroform	4.68	83	116227	5.20	ug/L	97
27) 1,2-Dichloroethane	5.41	62	74871	5.25	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	91798	5.06	ug/L	99
30) Cyclohexane	4.99	56	105475	5.12	ug/L	99
31) Carbon tetrachloride	5.13	117	78085	5.16	ug/L	98
33) Benzene	5.39	78	260886	5.16	ug/L	100
34) Trichloroethene	6.19	95	66648	5.06	ug/L	99
35) Methylcyclohexane	6.42	83	100179	5.01	ug/L	100
37) 1,2-Dichloropropane	6.44	63	71499	5.08	ug/L	100
38) Bromodichloromethane	6.76	83	80446	5.21	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	91916	5.24	ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	456619	53.24	ug/L	100
42) Toluene	7.64	91	273656	5.32	ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	74701	5.22	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	46099	5.22	ug/L	97
47) Tetrachloroethene	8.23	164	53344	5.11	ug/L	98
48) 2-Hexanone	8.37	43	331343	53.35	ug/L	100
49) Dibromochloromethane	8.48	129	51604	5.11	ug/L	96
50) 1,2-Dibromoethane	8.59	107	43840	5.32	ug/L	94
51) Chlorobenzene	9.12	112	172994	5.12	ug/L	99
52) Ethylbenzene	9.26	91	284728	5.20	ug/L	99
53) m,p-xylene	9.38	106	108706	5.29	ug/L	98
54) o-xylene	9.79	106	104764	5.39	ug/L	96
55) Styrene	9.80	104	186190	5.46	ug/L	98
56) Isopropylbenzene	10.17	105	276420	5.37	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	60840	5.18	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	43455	5.25	ug/L	99
61) Bromoform	9.97	173	29641	5.20	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	134657	5.27	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	139708	5.19	ug/L	99
65) 1,2-Dichlorobenzene	11.89	146	131767	5.29	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	9381	5.58	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	113340	5.21	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	94466	5.27	ug/L	98
69) Naphthalene	13.75	128	148706	5.45	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	91778	5.46	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 5.16 ug/L

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU023612.D

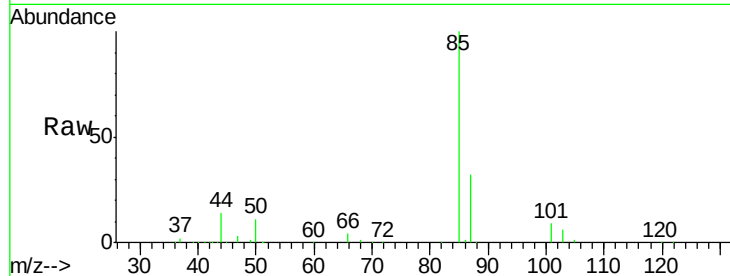
Acq: 03 May 2018 19:55

Tgt Ion: 85 Resp: 81369

Ion Ratio Lower Upper

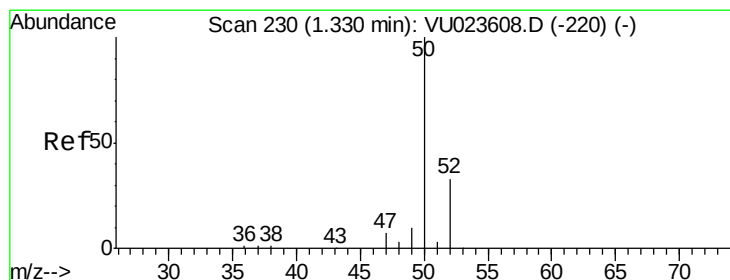
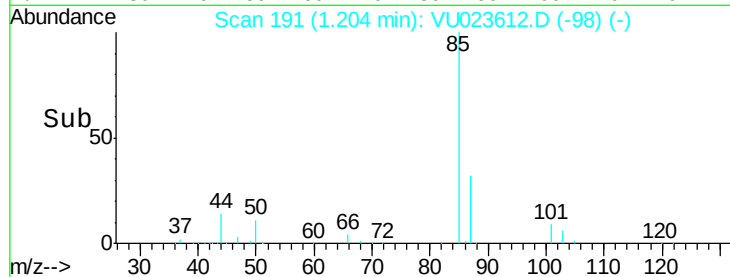
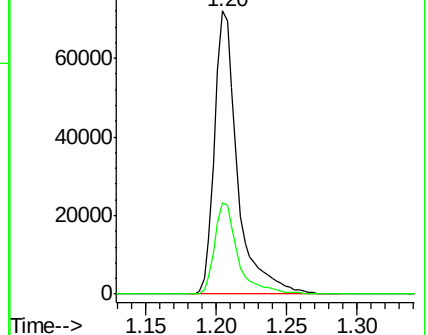
85 100

87 32.6 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 5.18 ug/L

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU023612.D

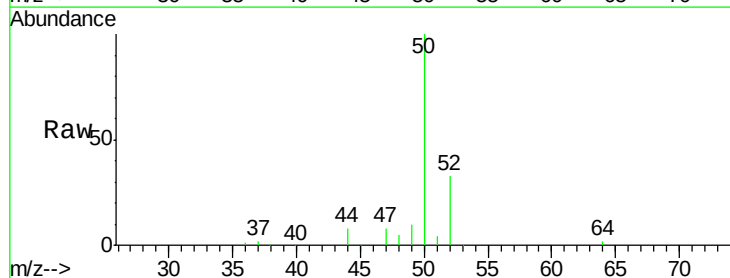
Acq: 03 May 2018 19:55

Tgt Ion: 50 Resp: 88921

Ion Ratio Lower Upper

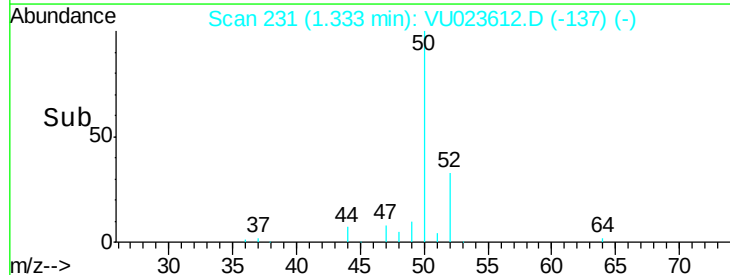
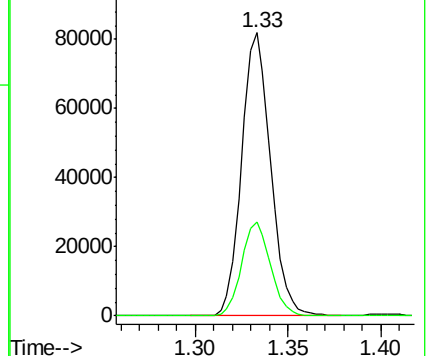
50 100

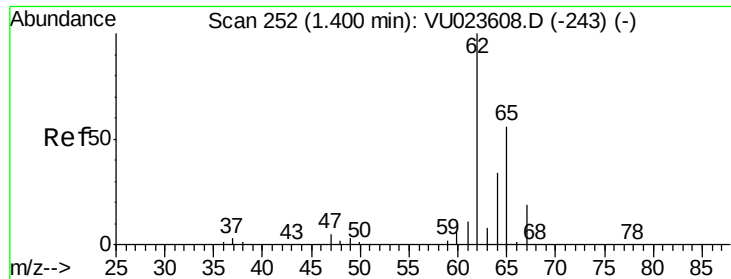
52 33.0 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 5.18 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023612.D

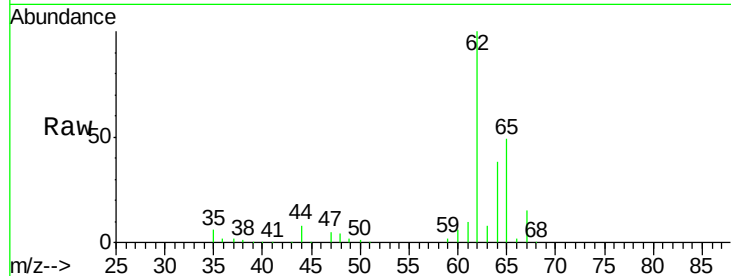
Acq: 03 May 2018 19:55

Tgt Ion: 62 Resp: 81044

Ion Ratio Lower Upper

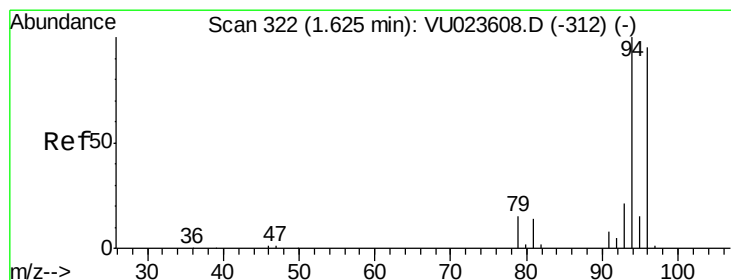
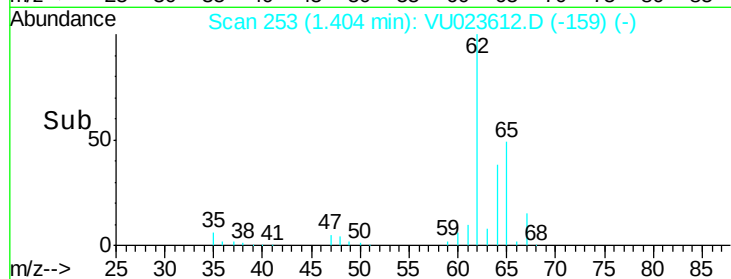
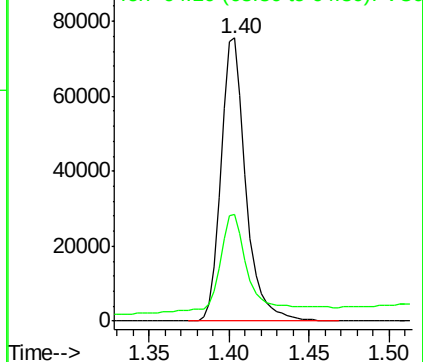
62 100

64 37.7 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: 5.31 ug/L

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU023612.D

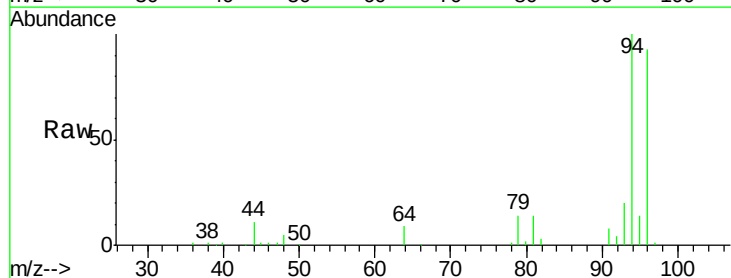
Acq: 03 May 2018 19:55

Tgt Ion: 94 Resp: 44335

Ion Ratio Lower Upper

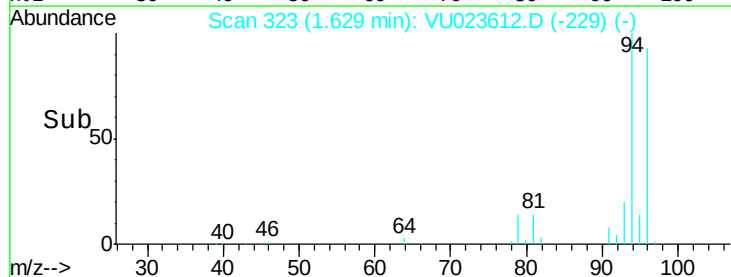
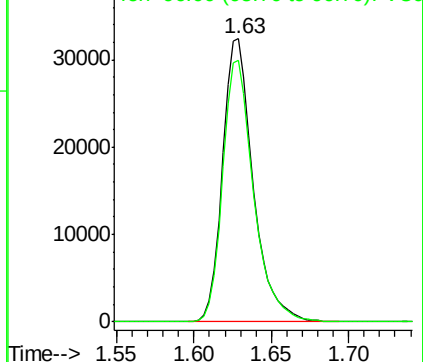
94 100

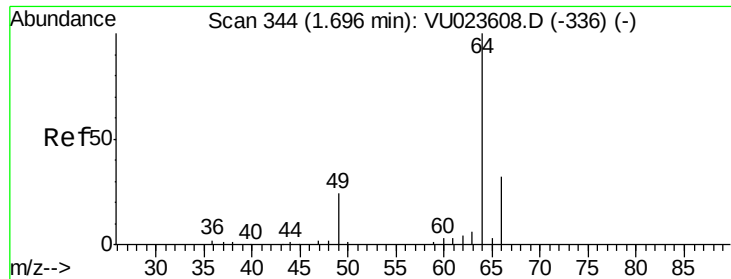
96 92.6 66.6 123.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 4.90 ug/L

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU023612.D

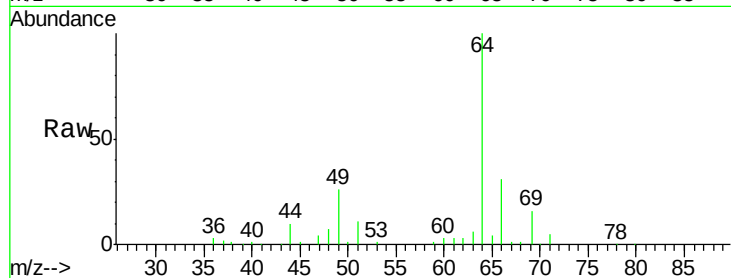
Acq: 03 May 2018 19:55

Tgt Ion: 64 Resp: 46790

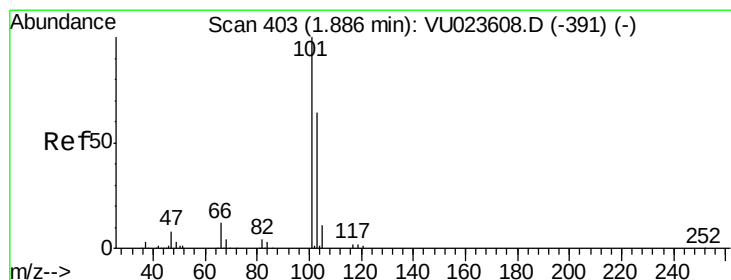
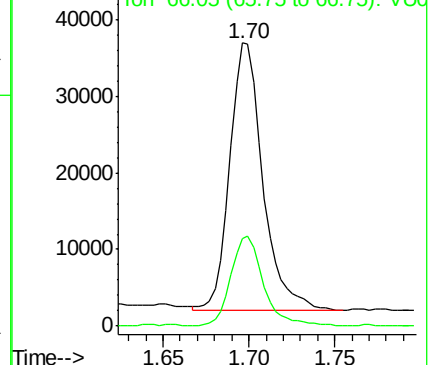
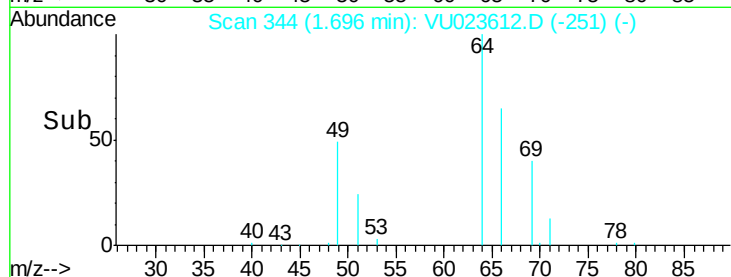
Ion Ratio Lower Upper

64 100

66 31.1 20.6 38.2



Abundance Ion 64.10 (63.80 to 64.80): VU023612.D (-251) (-)



#9

Trichlorofluoromethane

Concen: 5.25 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU023612.D

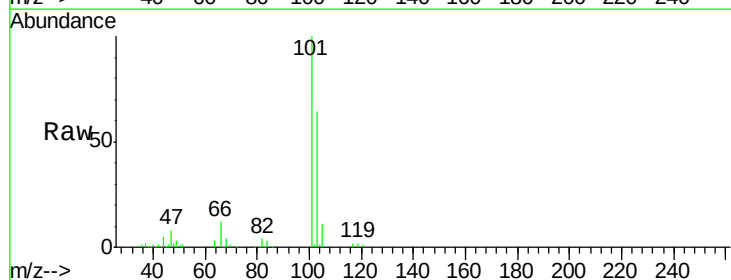
Acq: 03 May 2018 19:55

Tgt Ion: 101 Resp: 92422

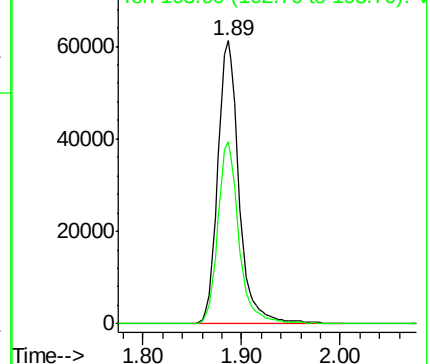
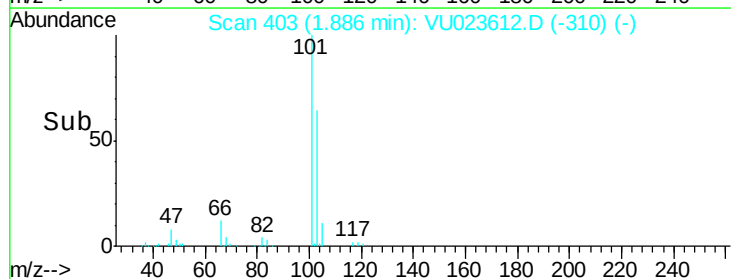
Ion Ratio Lower Upper

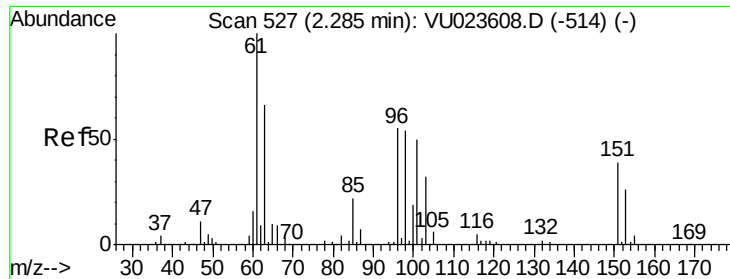
101 100

103 63.5 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): VU023612.D (-310) (-)





#10

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

Concen: 5.27 ug/L

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU023612.D

Acq: 03 May 2018 19:55

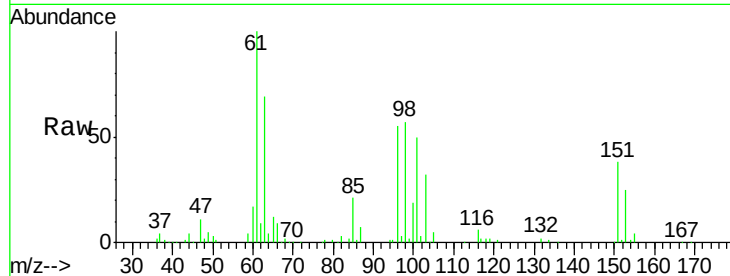
Tgt Ion: 101 Resp: 54772

Ion Ratio Lower Upper

101 100

85 43.1 34.5 51.7

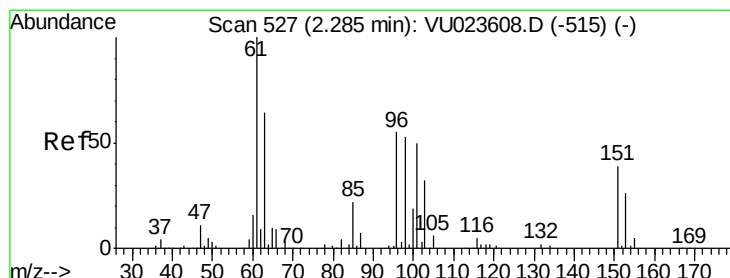
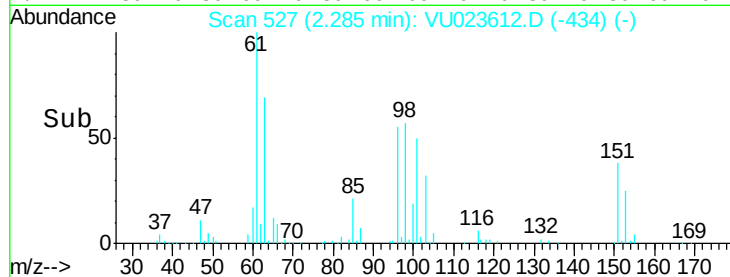
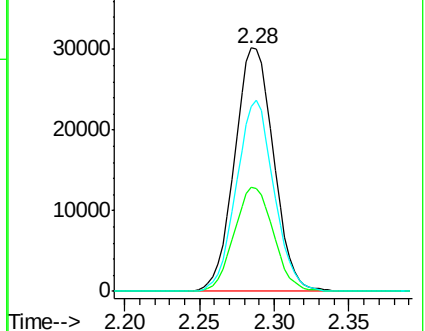
151 75.6 62.9 94.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.19 ug/L

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU023612.D

Acq: 03 May 2018 19:55

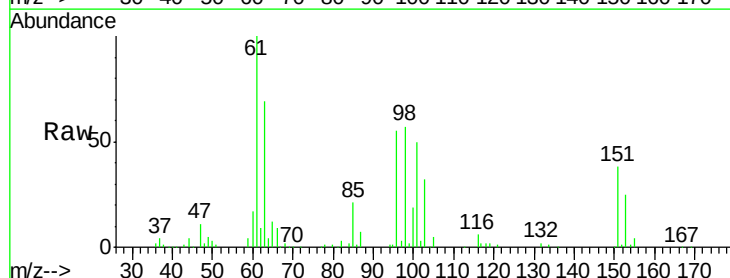
Tgt Ion: 96 Resp: 51142

Ion Ratio Lower Upper

96 100

61 181.0 127.4 236.6

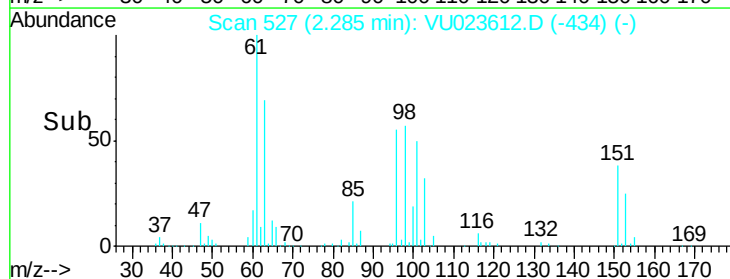
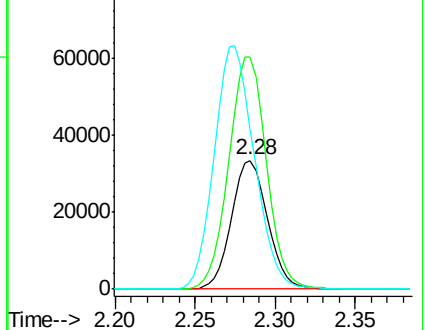
63 124.8 84.8 157.4

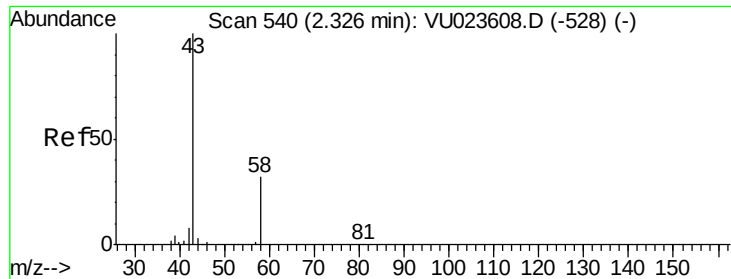


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 52.59 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU023612.D

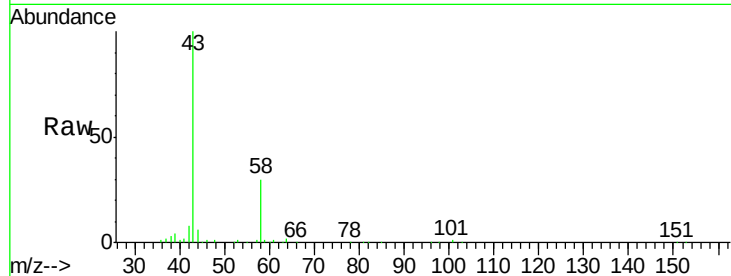
Acq: 03 May 2018 19:55

Tgt Ion: 43 Resp: 105499

Ion Ratio Lower Upper

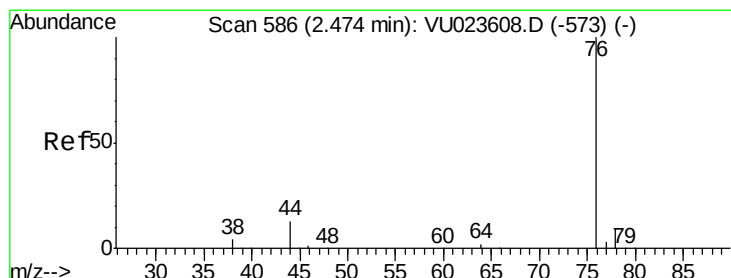
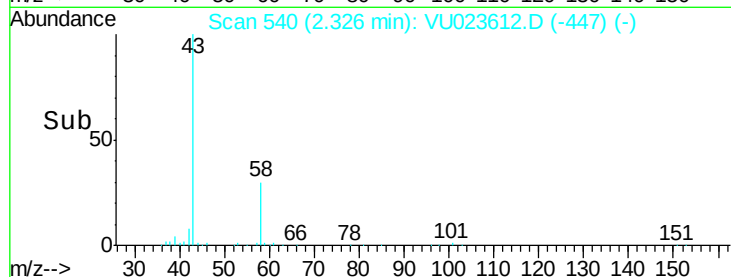
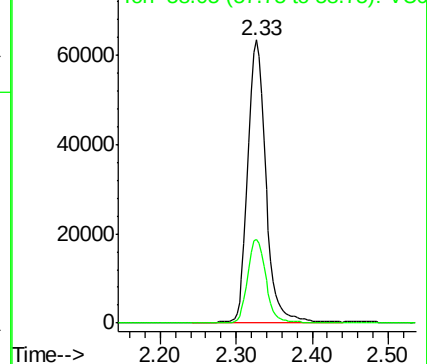
43 100

58 29.9 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: 5.07 ug/L

RT: 2.47 min Scan# 586

Delta R.T. 0.00 min

Lab File: VU023612.D

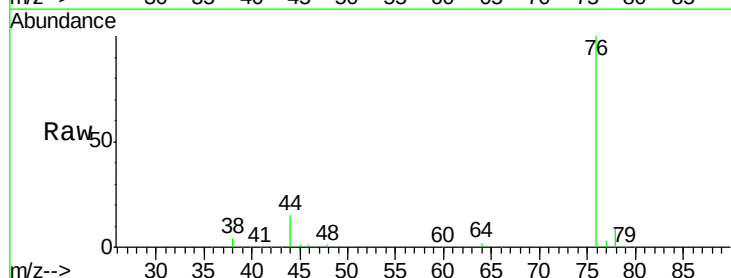
Acq: 03 May 2018 19:55

Tgt Ion: 76 Resp: 180204

Ion Ratio Lower Upper

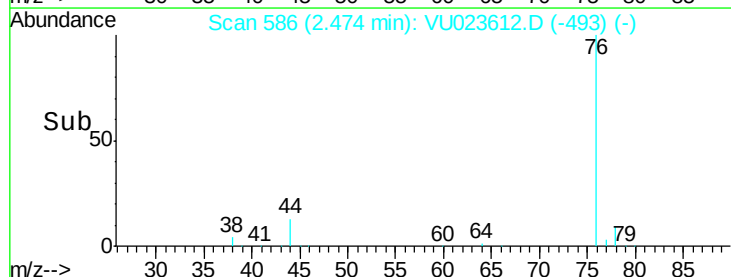
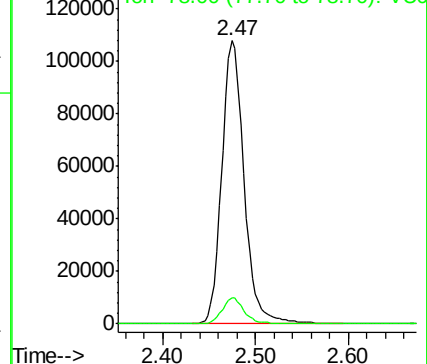
76 100

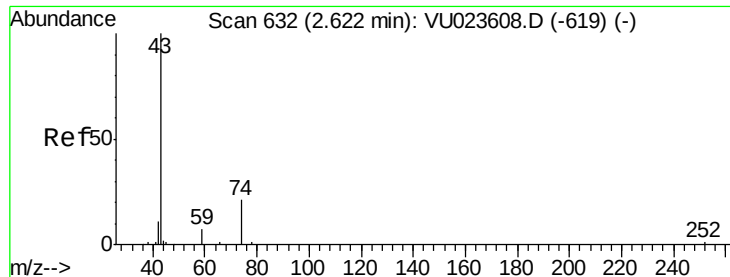
78 9.4 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU0

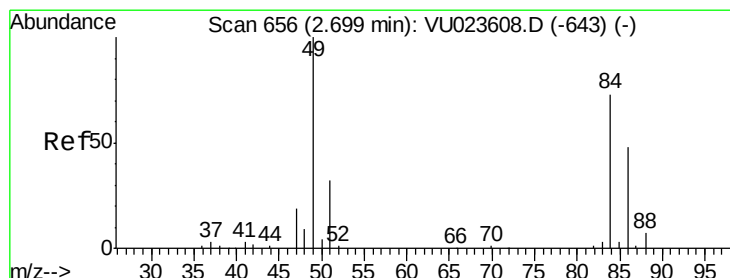
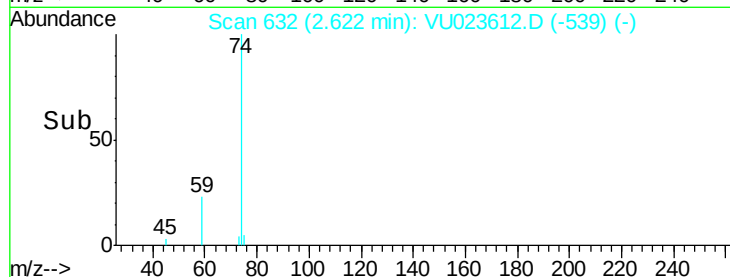
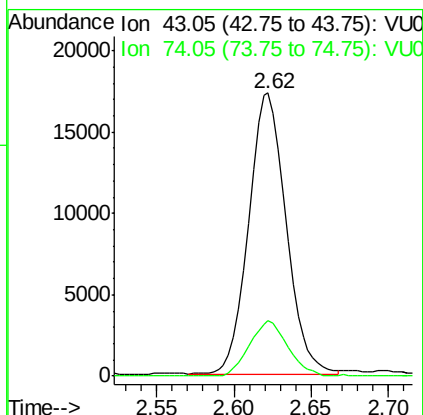
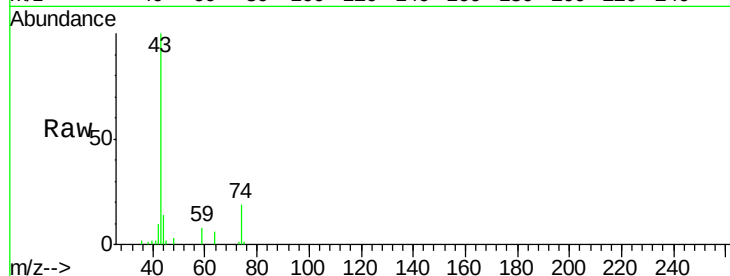
Ion 78.00 (77.70 to 78.70): VU0





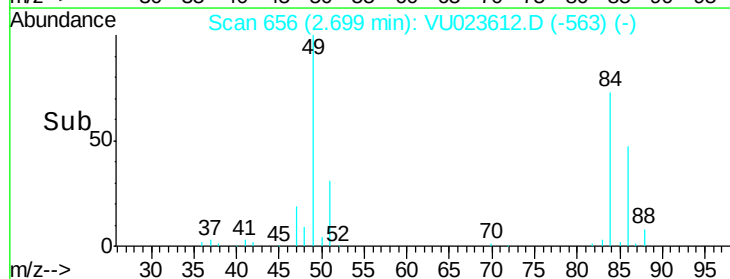
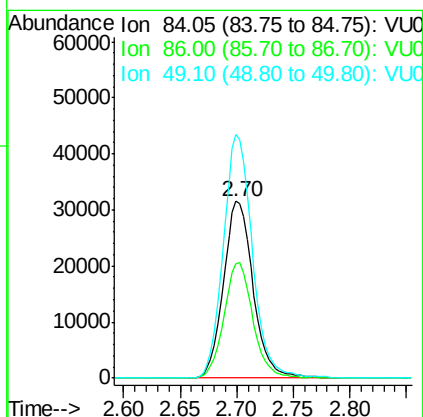
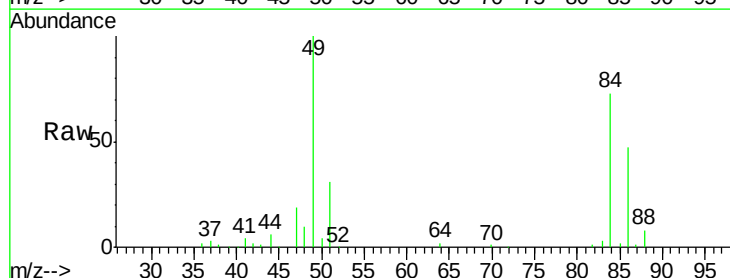
#15
Methyl Acetate
Concen: 5.16 ug/L
RT: 2.62 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU023612.D
Acq: 03 May 2018 19:55

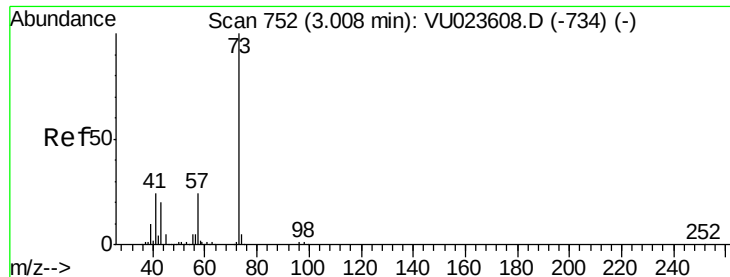
Tgt Ion: 43 Resp: 29134
Ion Ratio Lower Upper
43 100
74 20.0 16.6 24.8



#16
Methylene chloride
Concen: 5.10 ug/L
RT: 2.70 min Scan# 656
Delta R.T. 0.00 min
Lab File: VU023612.D
Acq: 03 May 2018 19:55

Tgt Ion: 84 Resp: 57620
Ion Ratio Lower Upper
84 100
86 64.6 46.0 85.4
49 137.8 96.0 178.4





#17

Methyl tert-butyl Ether

Concen: 5.25 ug/L

RT: 3.01 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU023612.D

Acq: 03 May 2018 19:55

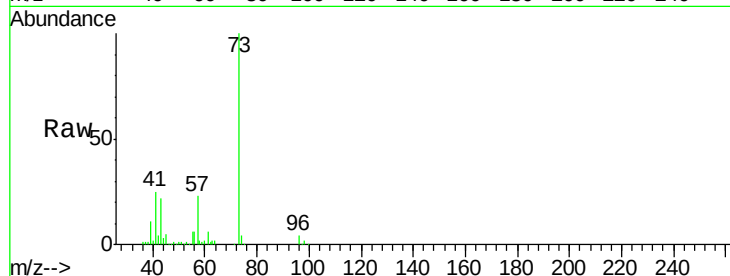
Tgt Ion: 73 Resp: 133225

Ion Ratio Lower Upper

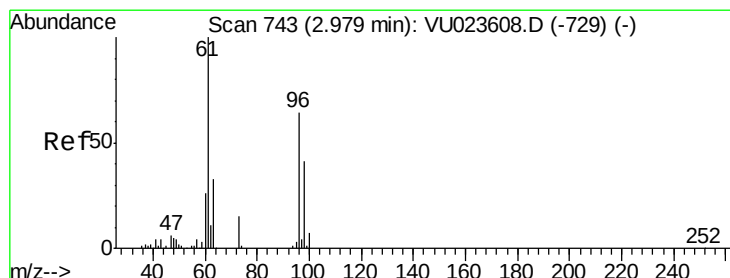
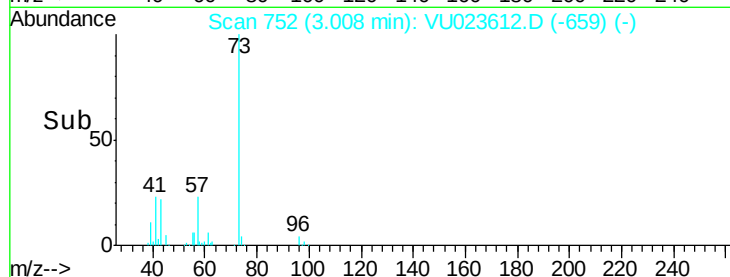
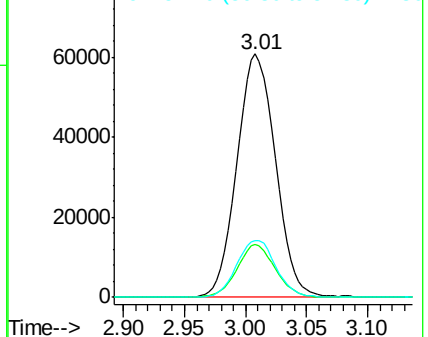
73 100

43 20.8 16.6 25.0

57 23.7 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: 5.11 ug/L

RT: 2.98 min Scan# 743

Delta R.T. 0.00 min

Lab File: VU023612.D

Acq: 03 May 2018 19:55

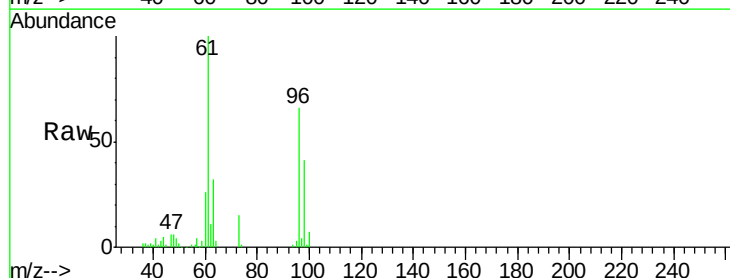
Tgt Ion: 96 Resp: 55655

Ion Ratio Lower Upper

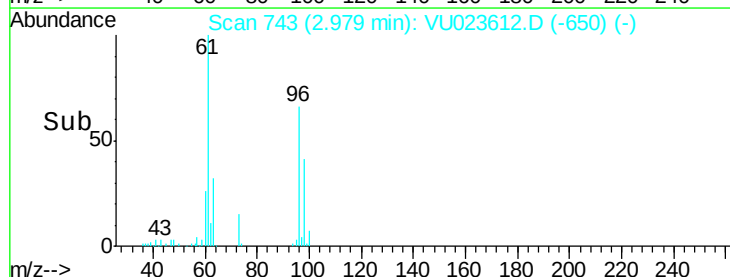
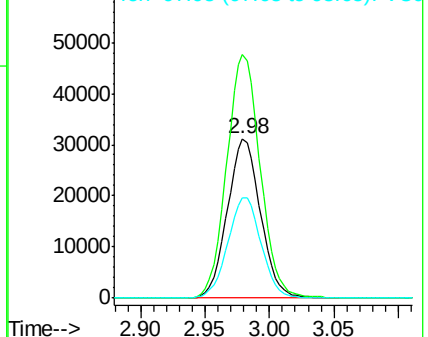
96 100

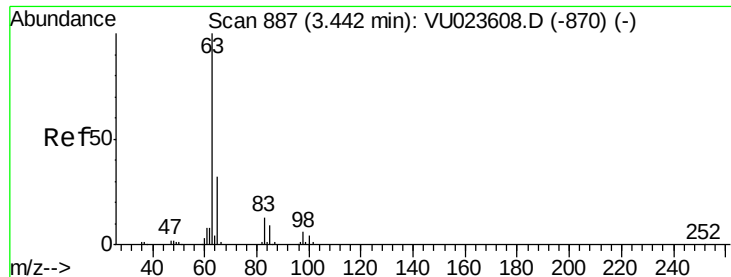
61 152.6 109.0 202.4

98 62.9 44.7 83.1



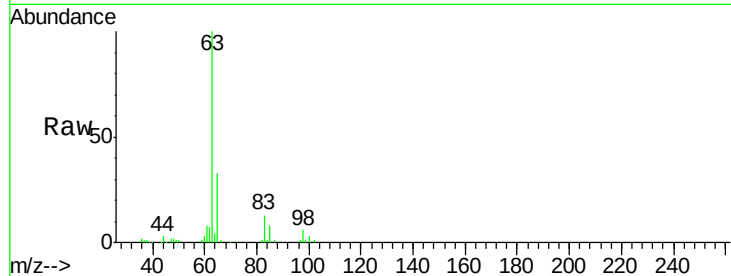
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0



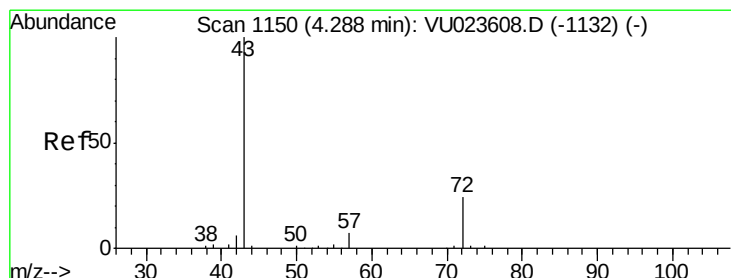
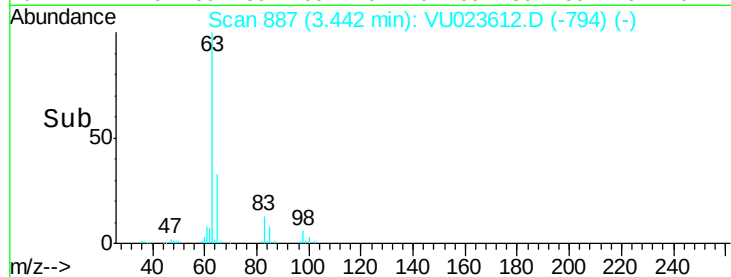
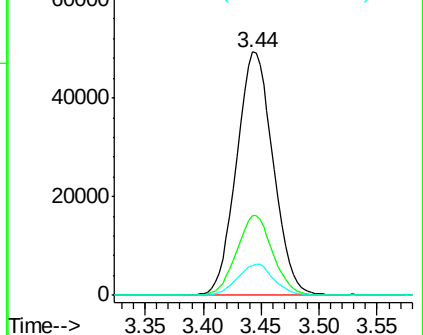


#19
 1,1-Dichloroethane
 Concen: 5.26 ug/L
 RT: 3.44 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.0	41.0
83	12.5	8.8	16.4

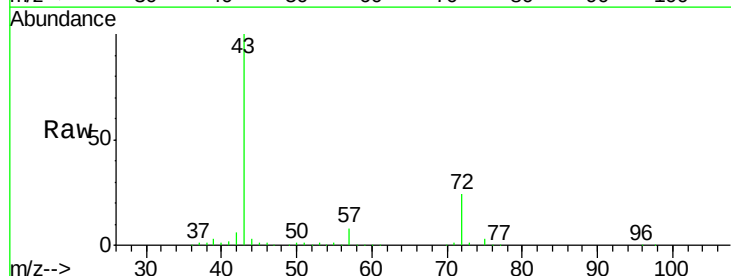


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

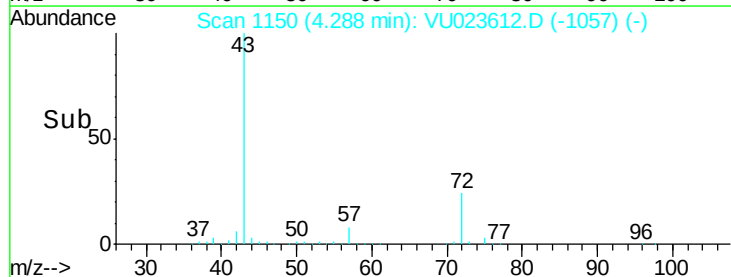
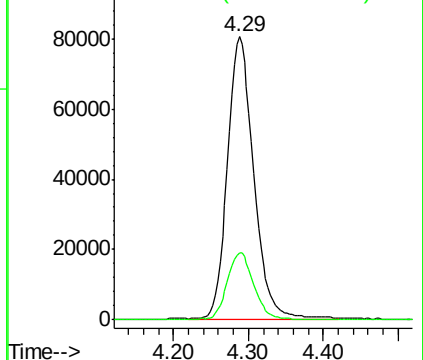


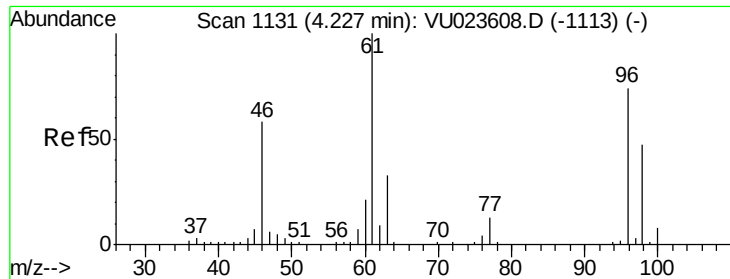
#21
 2-Butanone
 Concen: 52.45 ug/L
 RT: 4.29 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.4	12.3	36.8



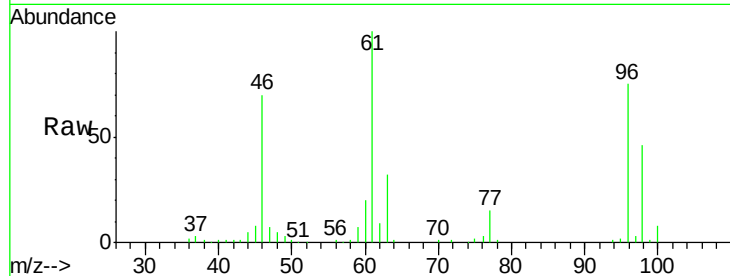
Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0



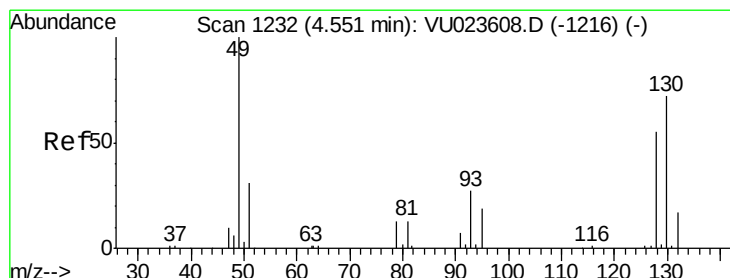
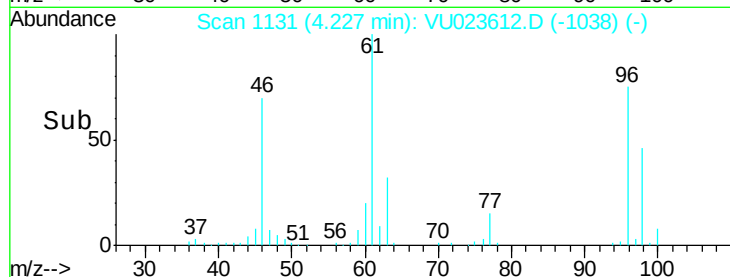
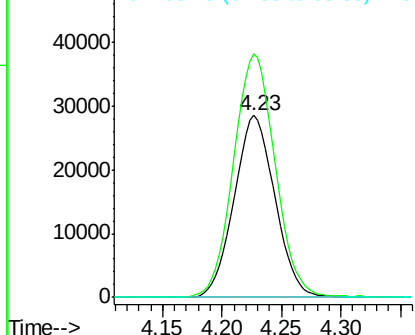


#22
 cis-1,2-Dichloroethene
 Concen: 5.23 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

Tgt Ion: 96 Resp: 67713
 Ion Ratio Lower Upper
 96 100
 61 133.8 94.6 175.6
 68 0.0 0.0 0.0

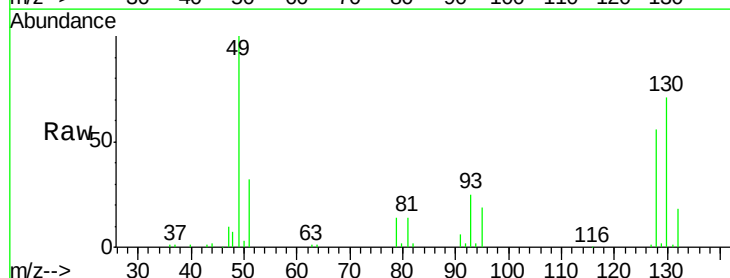


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

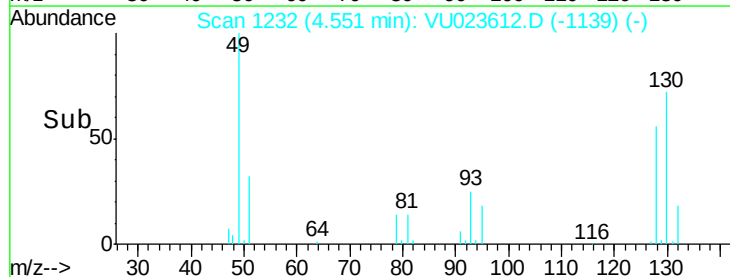
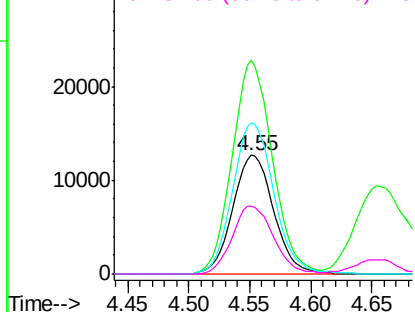


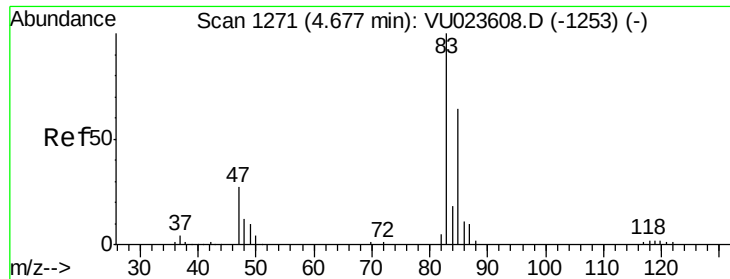
#23
 Bromochloromethane
 Concen: 5.26 ug/L
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

Tgt Ion: 128 Resp: 29444
 Ion Ratio Lower Upper
 128 100
 49 180.0 126.5 234.9
 130 127.2 90.4 168.0
 51 57.1 44.6 66.8



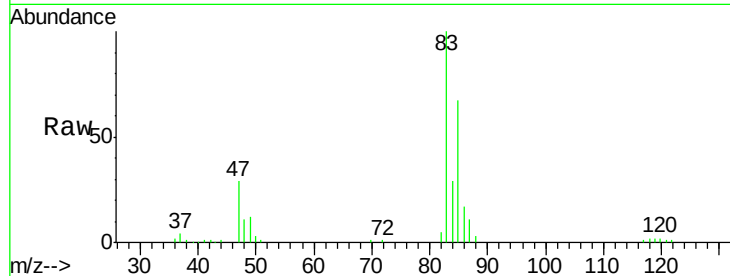
Abundance Ion 127.90 (127.60 to 128.60): V
 Ion 49.10 (48.80 to 49.80): VU0
 Ion 129.95 (129.65 to 130.65): V
 Ion 51.05 (50.75 to 51.75): VU0



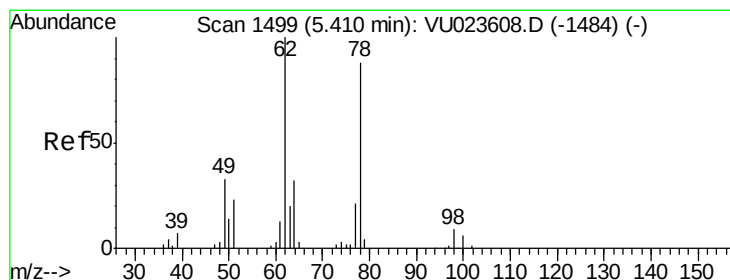
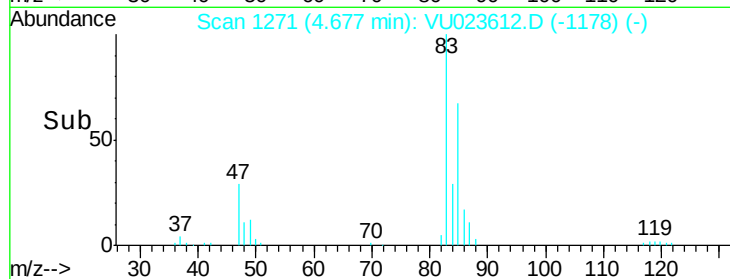
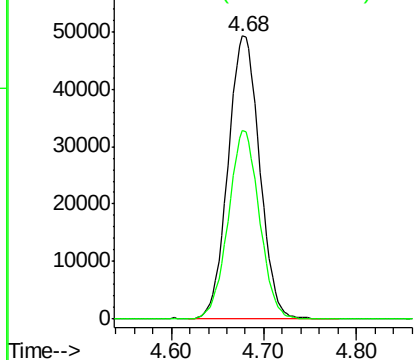


#25
Chloroform
Concen: 5.20 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU023612.D
Acq: 03 May 2018 19:55

Tgt Ion: 83 Resp: 116227
Ion Ratio Lower Upper
83 100
85 66.7 45.2 84.0

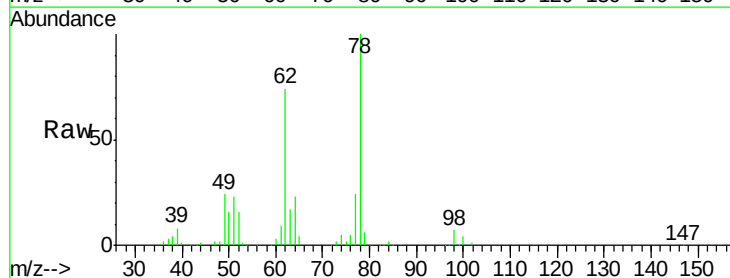


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

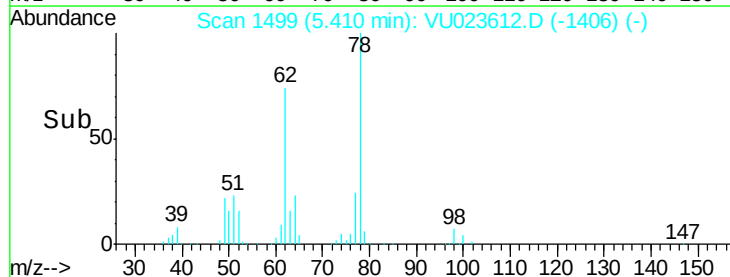
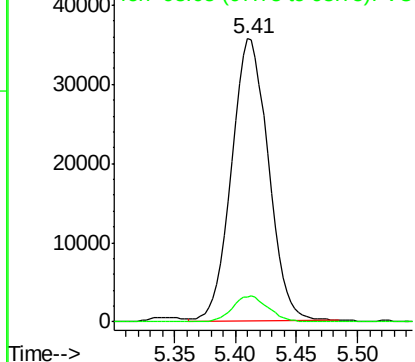


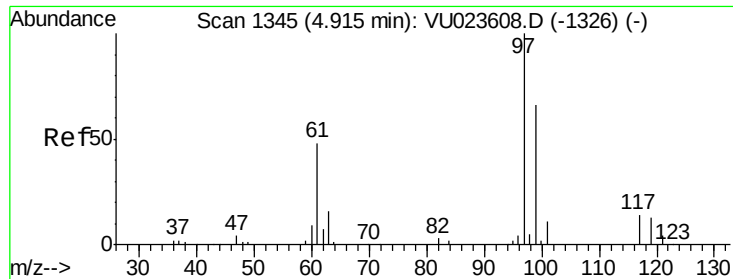
#27
1,2-Dichloroethane
Concen: 5.25 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU023612.D
Acq: 03 May 2018 19:55

Tgt Ion: 62 Resp: 74871
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.0



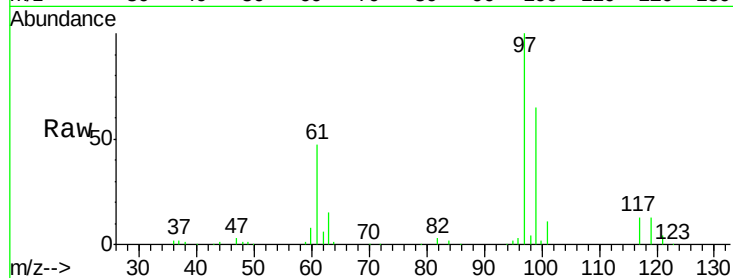
Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0



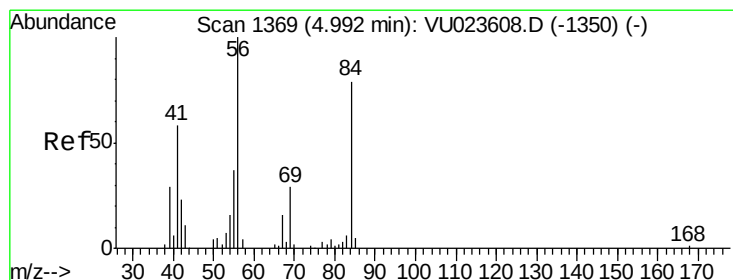
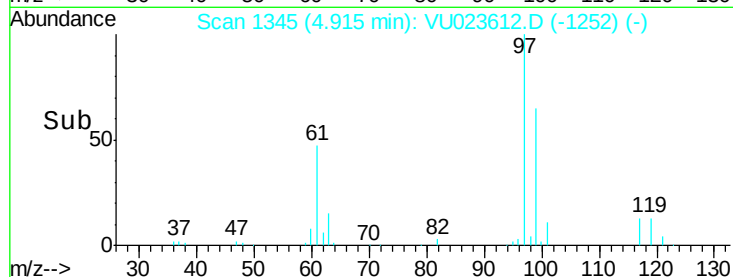
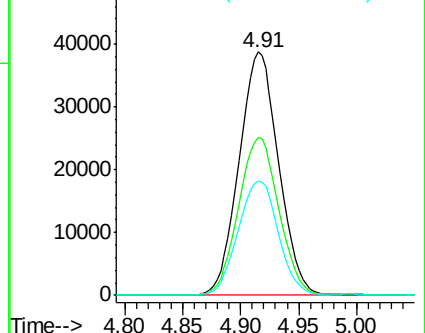


#29
 1,1,1-Trichloroethane
 Concen: 5.06 ug/L
 RT: 4.91 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

Tgt Ion: 97 Resp: 91798
 Ion Ratio Lower Upper
 97 100
 99 66.2 52.2 78.2
 61 48.0 37.8 56.6

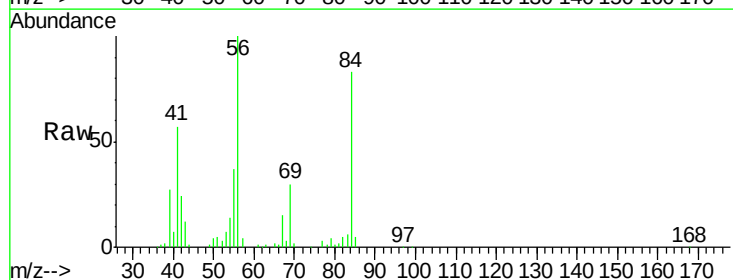


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

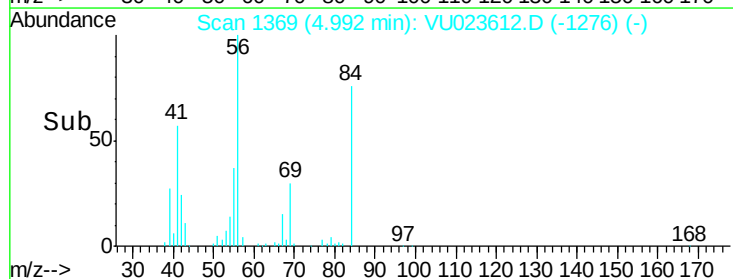
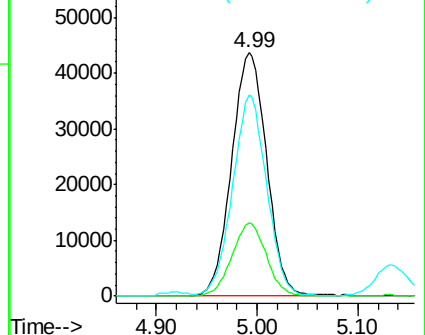


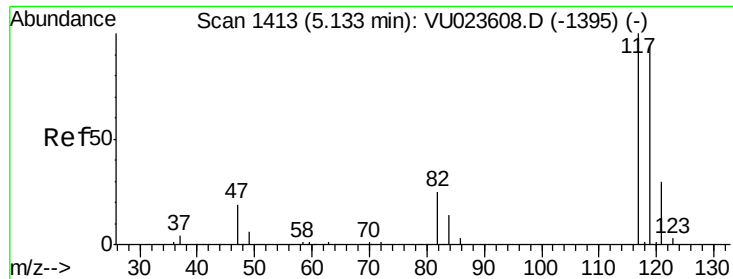
#30
 Cyclohexane
 Concen: 5.12 ug/L
 RT: 4.99 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

Tgt Ion: 56 Resp: 105475
 Ion Ratio Lower Upper
 56 100
 69 29.4 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: 5.16 ug/L

RT: 5.13 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VU023612.D

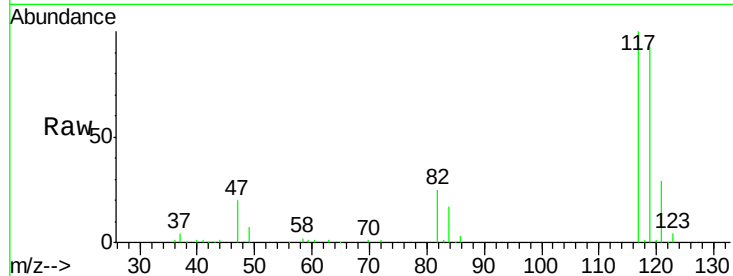
Acq: 03 May 2018 19:55

Tgt Ion: 117 Resp: 78085

Ion Ratio Lower Upper

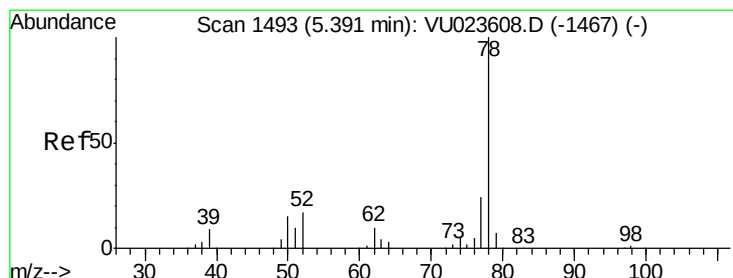
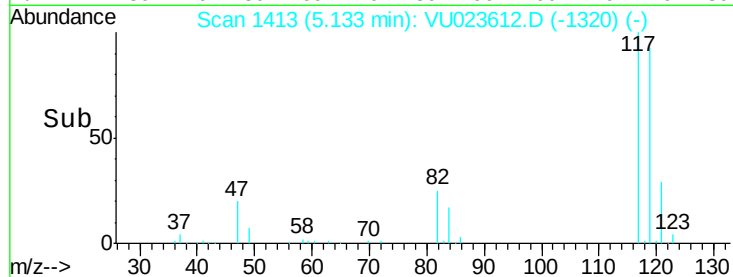
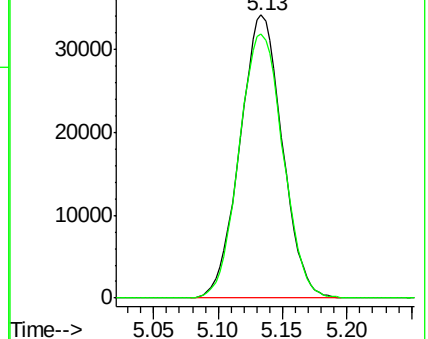
117 100

119 96.8 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: 5.16 ug/L

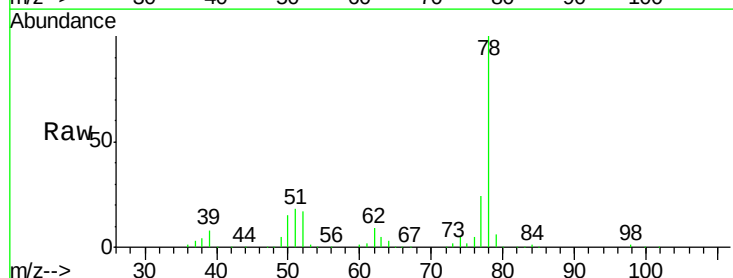
RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

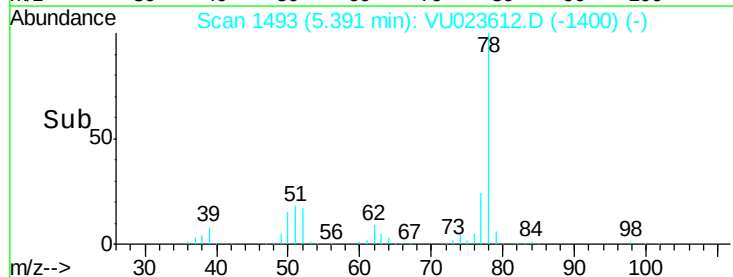
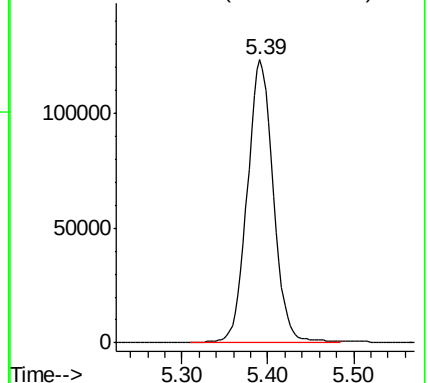
Lab File: VU023612.D

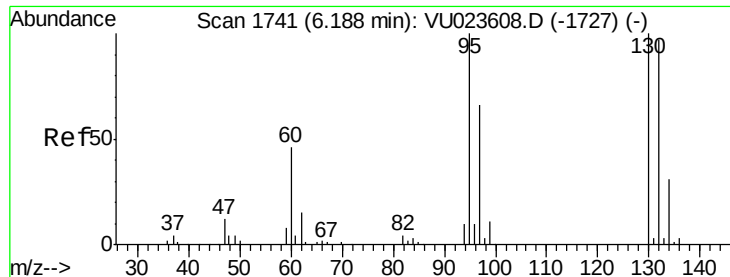
Acq: 03 May 2018 19:55

Tgt Ion: 78 Resp: 260886



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 5.06 ug/L

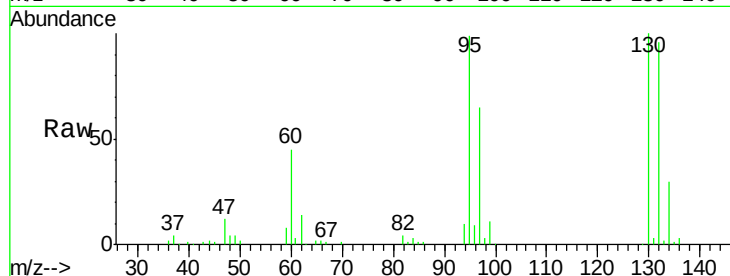
RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU023612.D

Acq: 03 May 2018 19:55

Tgt Ion:	95	Resp:	66648
Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.0	85.4
132	96.1	68.1	126.5
130	100.5	70.1	130.1



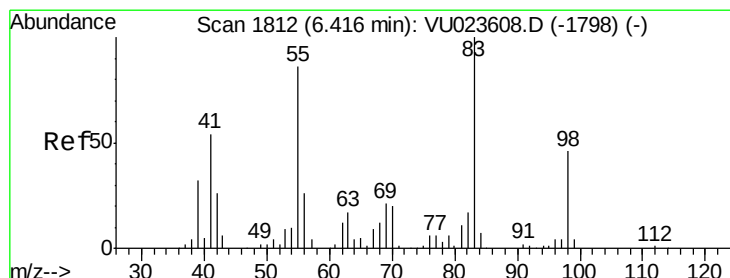
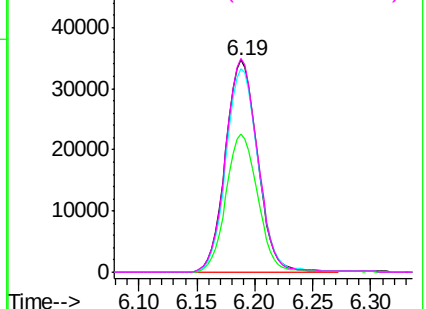
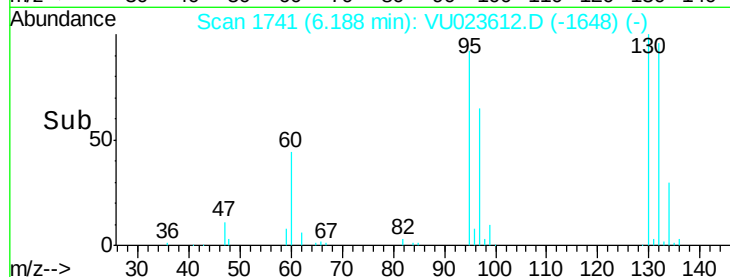
Abundance

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: 5.01 ug/L

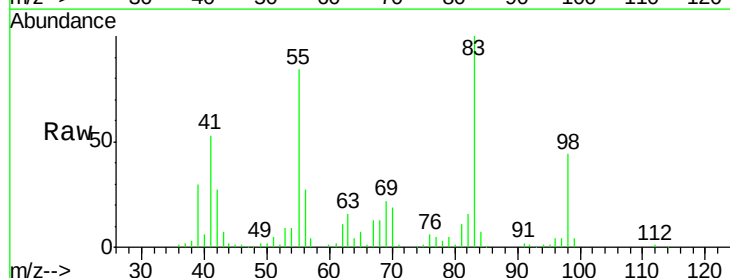
RT: 6.42 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VU023612.D

Acq: 03 May 2018 19:55

Tgt Ion:	83	Resp:	100179
Ion	Ratio	Lower	Upper
83	100		
55	85.5	68.4	102.6
98	45.1	36.7	55.1

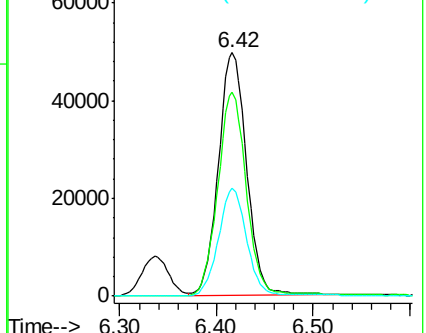
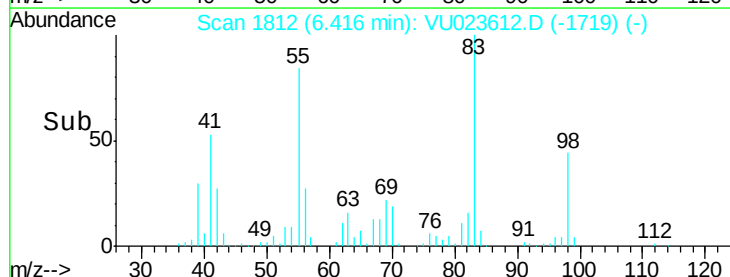


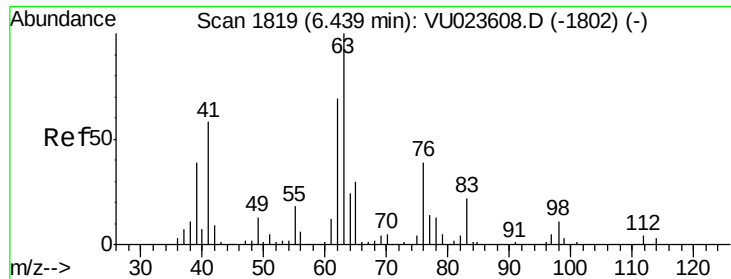
Abundance

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: 5.08 ug/L

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU023612.D

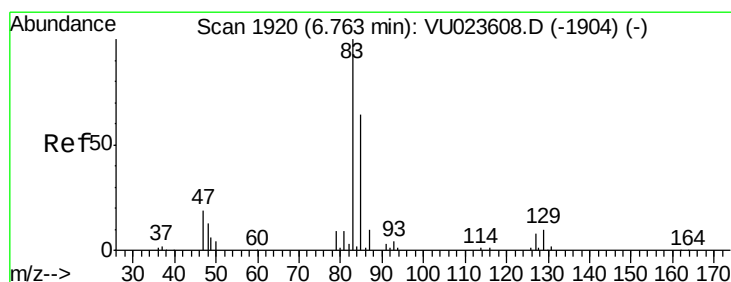
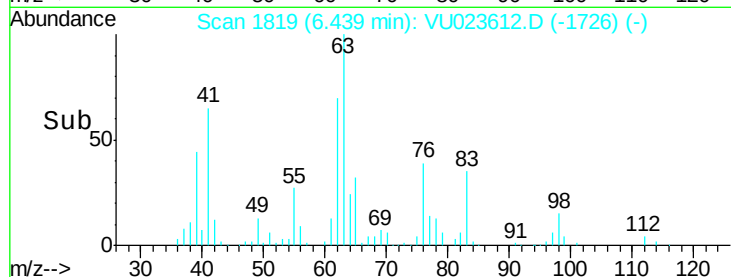
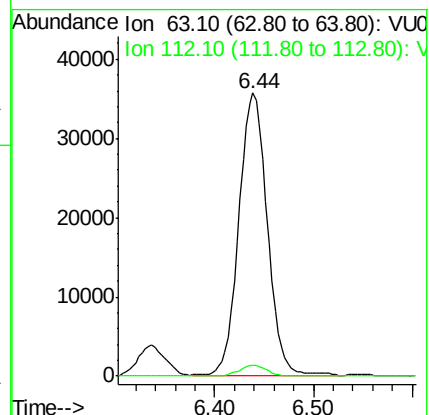
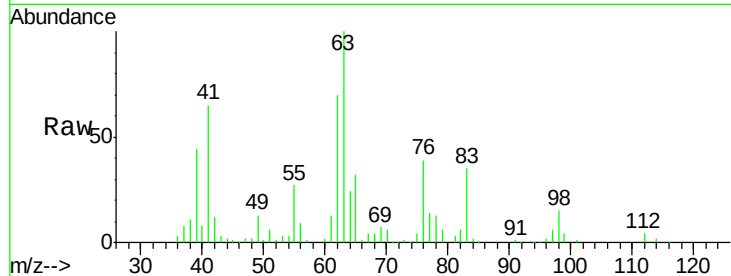
Acq: 03 May 2018 19:55

Tgt Ion: 63 Resp: 71499

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



#38

Bromodichloromethane

Concen: 5.21 ug/L

RT: 6.76 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VU023612.D

Acq: 03 May 2018 19:55

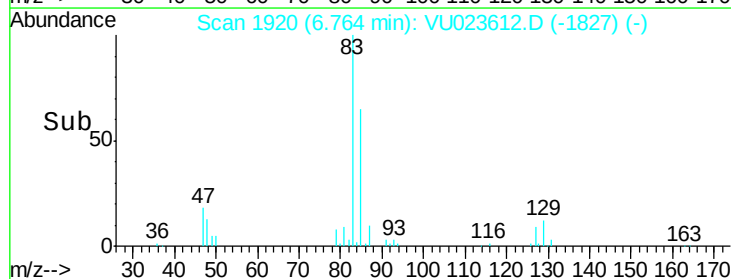
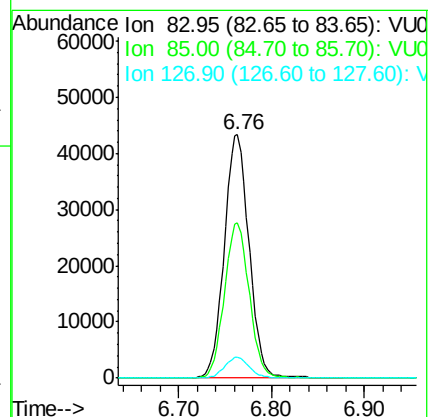
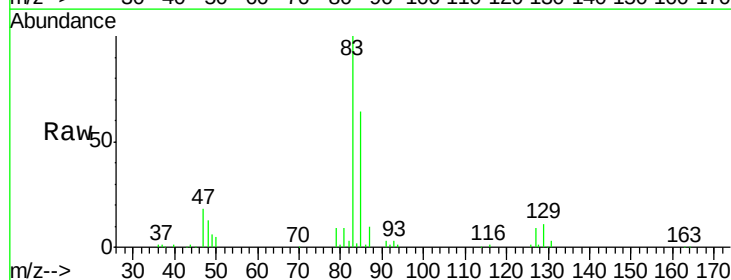
Tgt Ion: 83 Resp: 80446

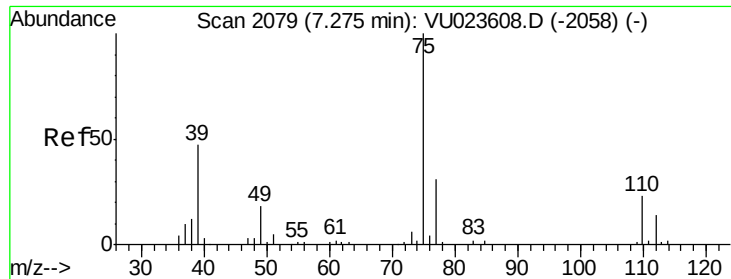
Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.7

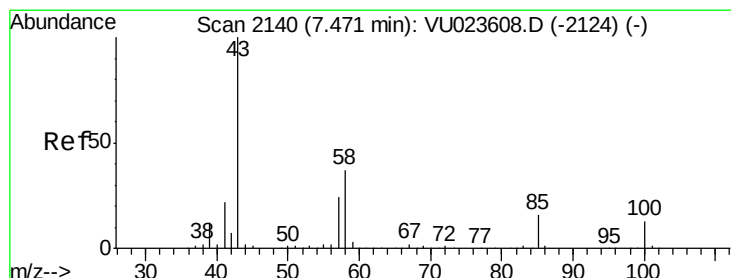
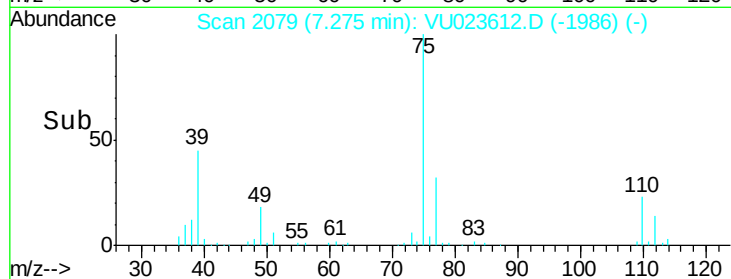
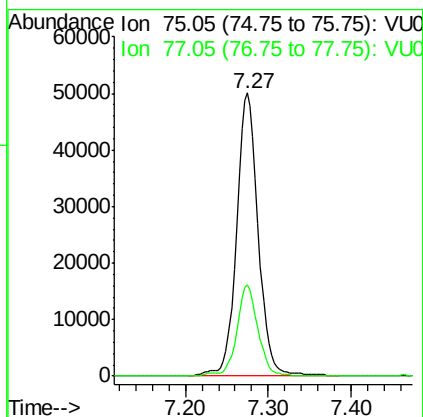
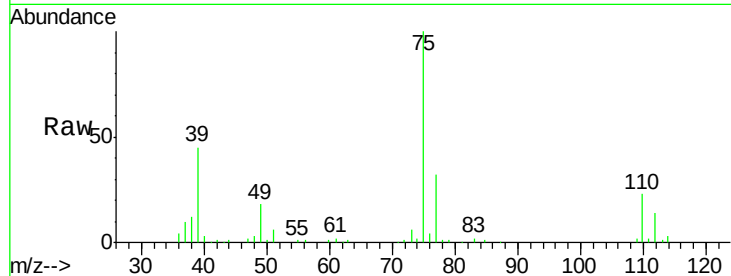
127 8.7 6.7 10.1





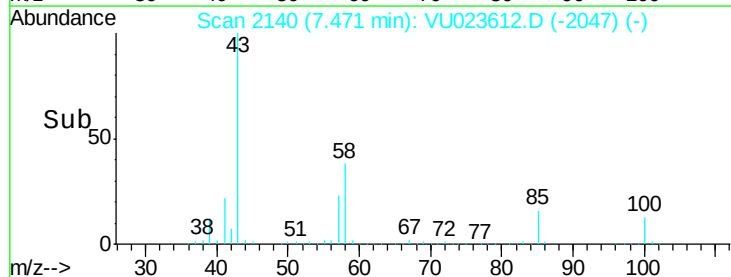
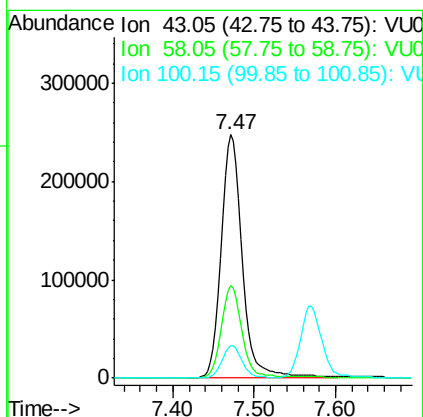
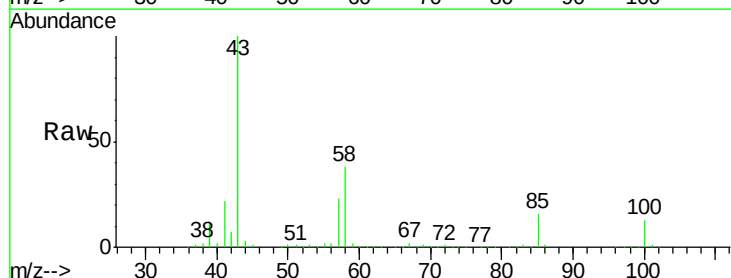
#39
 cis-1,3-Dichloropropene
 Concen: 5.24 ug/L
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

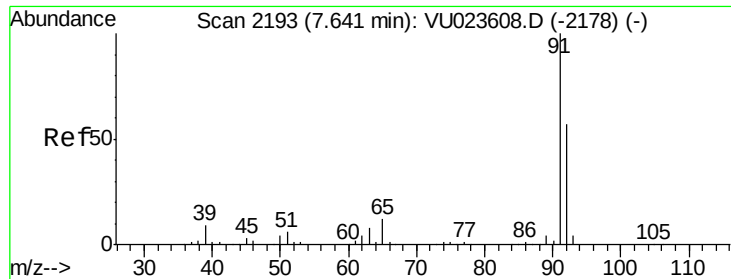
Tgt Ion: 75 Resp: 91916
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 53.24 ug/L
 RT: 7.47 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

Tgt Ion: 43 Resp: 456619
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.7 44.5
 100 12.8 10.1 15.1





#42

Toluene

Concen: 5.32 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023612.D

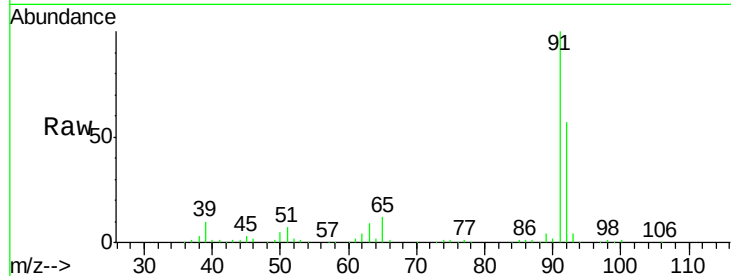
Acq: 03 May 2018 19:55

Tgt Ion: 91 Resp: 273656

Ion Ratio Lower Upper

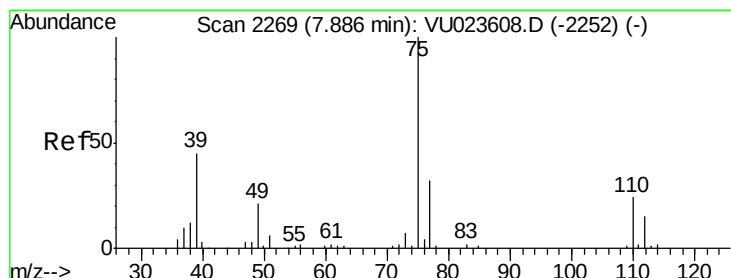
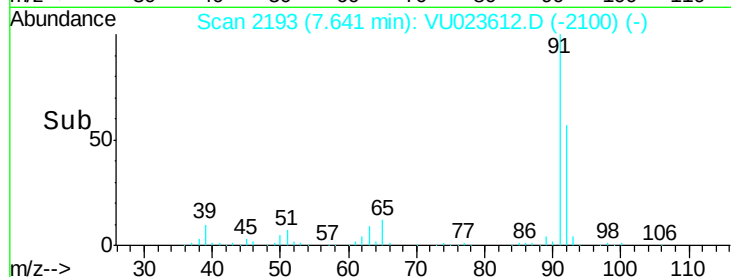
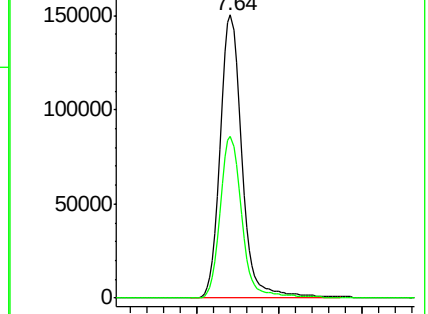
91 100

92 57.1 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: 5.22 ug/L

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU023612.D

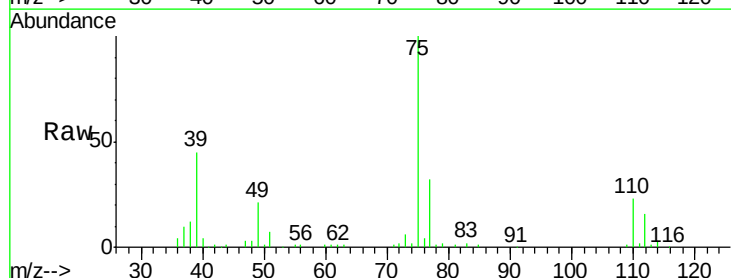
Acq: 03 May 2018 19:55

Tgt Ion: 75 Resp: 74701

Ion Ratio Lower Upper

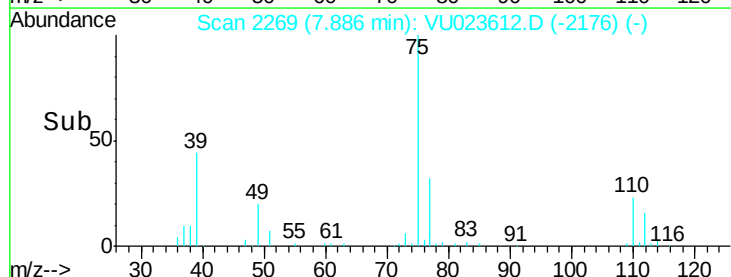
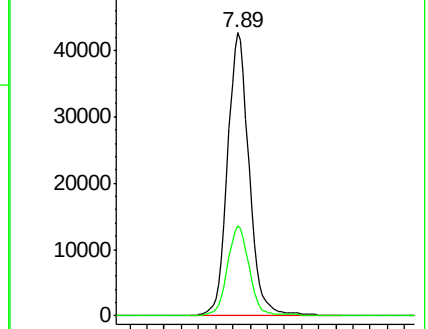
75 100

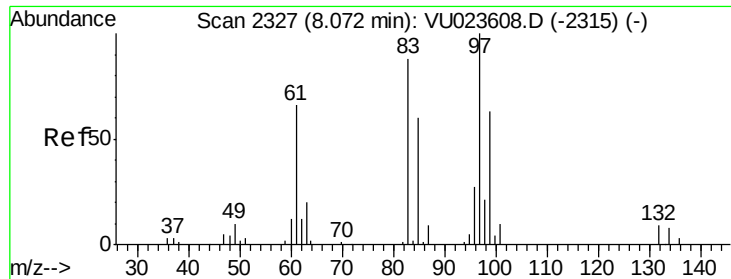
77 31.9 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU0

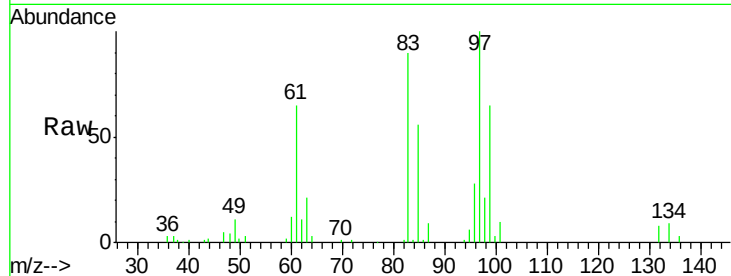
Ion 77.05 (76.75 to 77.75): VU0



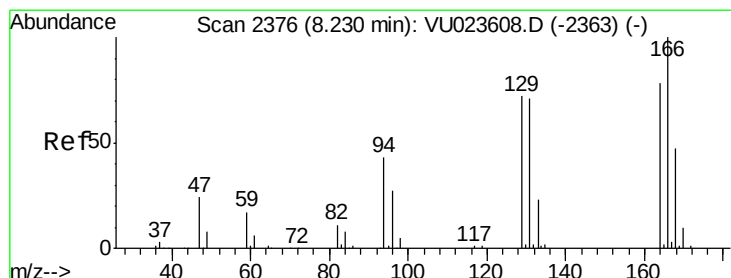
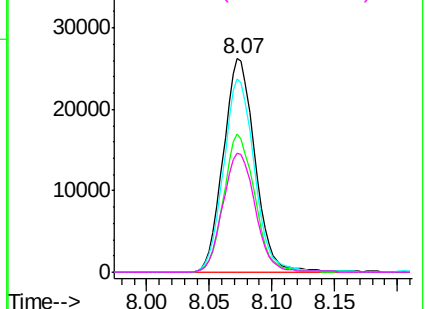
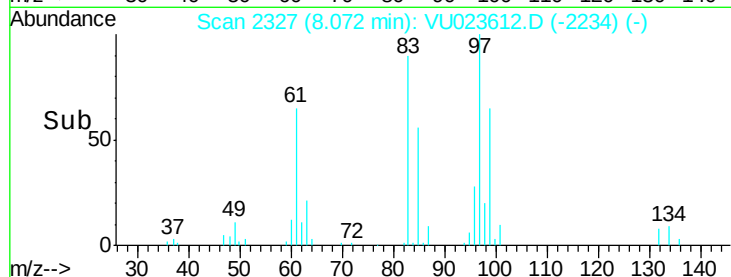


#45
 1,1,2-Trichloroethane
 Concen: 5.22 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

Tgt Ion:	97	Resp:	46099
Ion	Ratio	Lower	Upper
97	100		
99	64.7	44.0	81.8
83	90.3	61.6	114.4
85	55.9	41.8	77.6

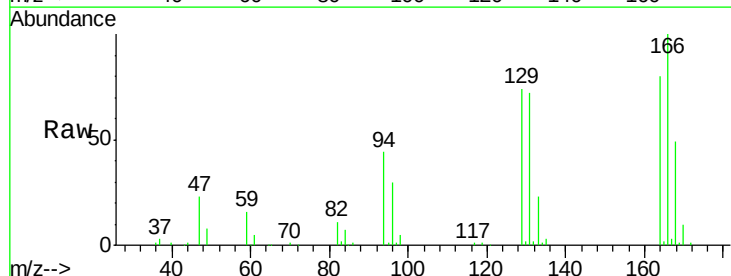


Abundance Ion 96.95 (96.65 to 97.65): VU023612.D (-2234) (-)
 Ion 99.05 (98.75 to 99.75): VU023612.D (-2234) (-)
 Ion 82.95 (82.65 to 83.65): VU023612.D (-2234) (-)
 Ion 85.00 (84.70 to 85.70): VU023612.D (-2234) (-)

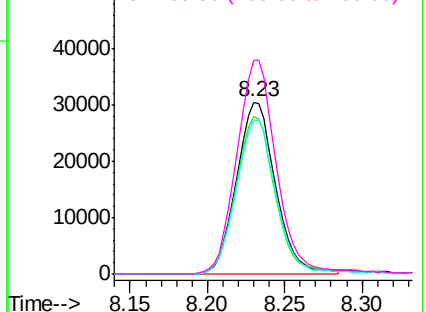
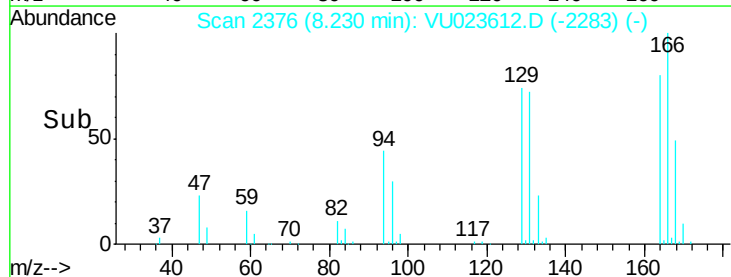


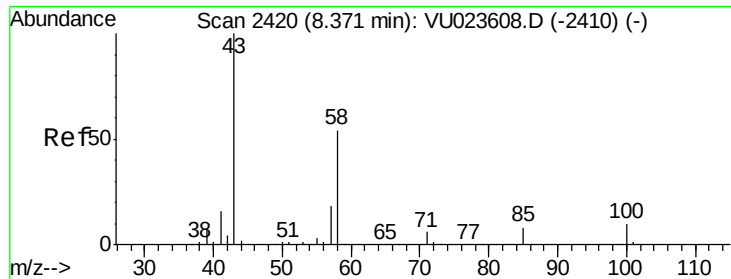
#47
 Tetrachloroethene
 Concen: 5.11 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

Tgt Ion:	164	Resp:	53344
Ion	Ratio	Lower	Upper
164	100		
129	91.8	64.4	119.6
131	89.8	63.9	118.7
166	124.4	90.0	167.2



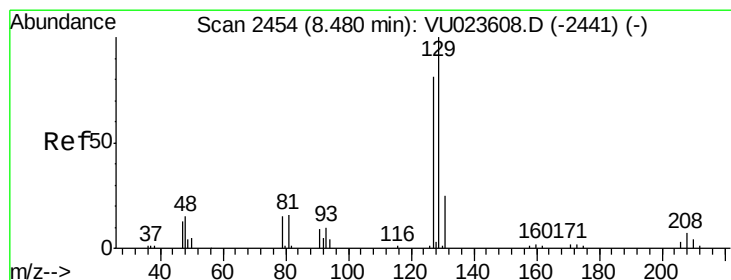
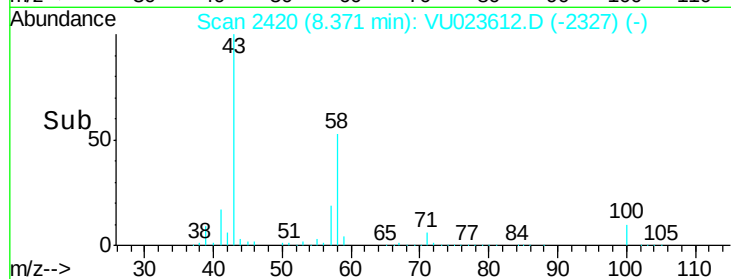
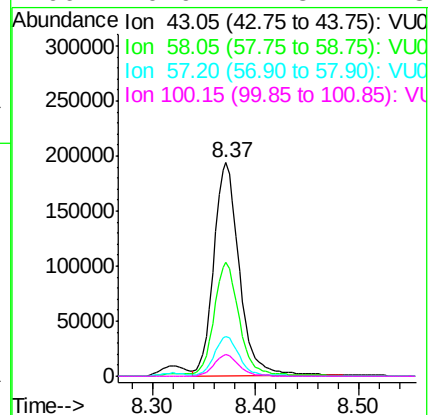
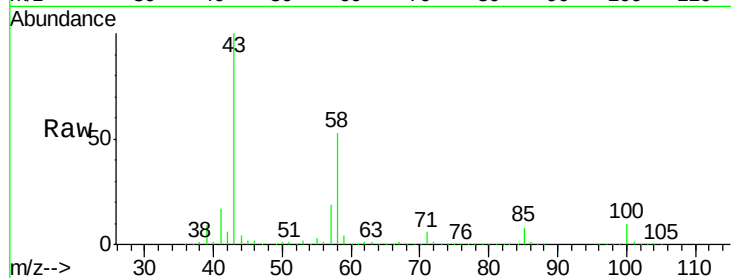
Abundance Ion 163.90 (163.60 to 164.60): VU023612.D (-2283) (-)
 Ion 128.95 (128.65 to 129.65): VU023612.D (-2283) (-)
 Ion 130.95 (130.65 to 131.65): VU023612.D (-2283) (-)
 Ion 165.90 (165.60 to 166.60): VU023612.D (-2283) (-)





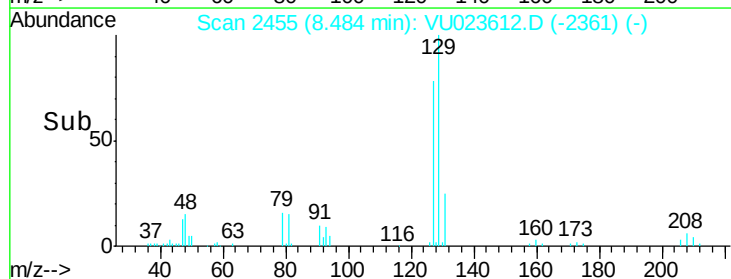
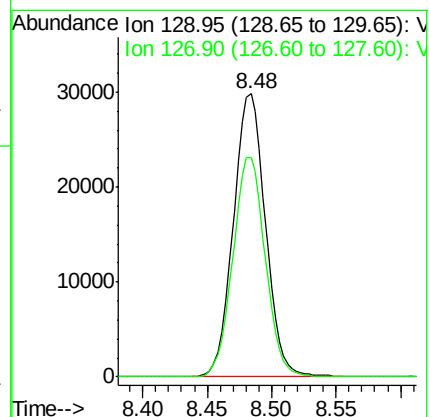
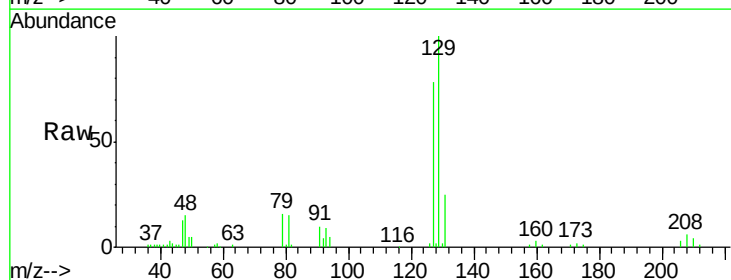
#48
2-Hexanone
Concen: 53.35 ug/L
RT: 8.37 min Scan# 2420
Delta R.T. 0.00 min
Lab File: VU023612.D
Acq: 03 May 2018 19:55

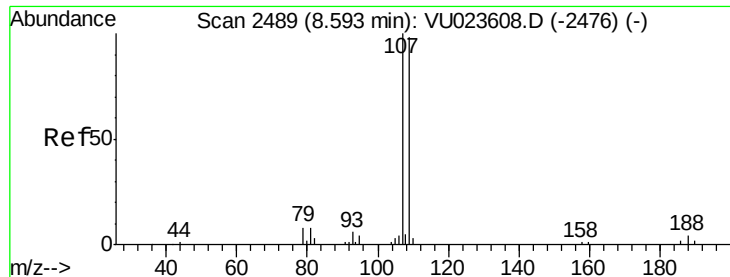
Tgt Ion:	43	Resp:	331343
Ion	Ratio	Lower	Upper
43	100		
58	52.9	42.1	63.1
57	18.0	14.3	21.5
100	9.9	7.8	11.8



#49
Dibromochloromethane
Concen: 5.11 ug/L
RT: 8.48 min Scan# 2455
Delta R.T. 0.00 min
Lab File: VU023612.D
Acq: 03 May 2018 19:55

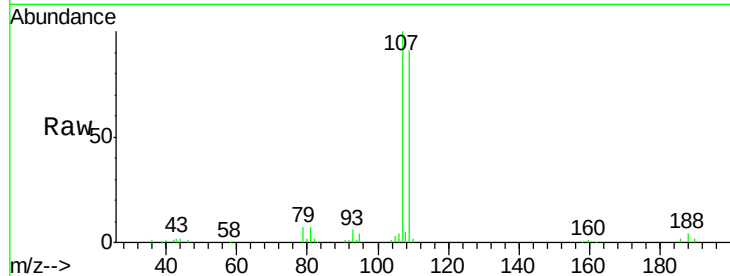
Tgt Ion:	129	Resp:	51604
Ion	Ratio	Lower	Upper
129	100		
127	77.6	56.9	105.7



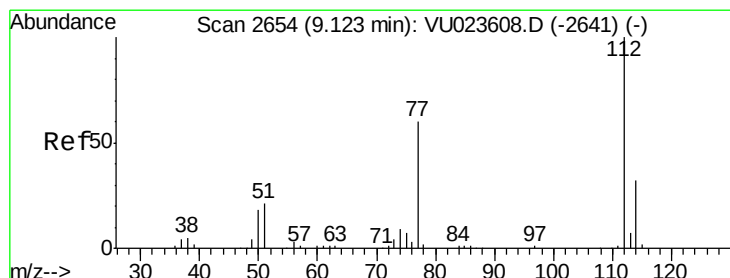
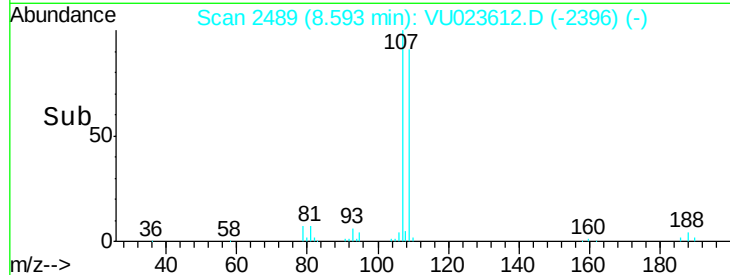
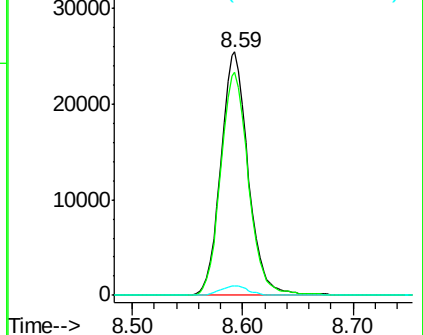


#50
1,2-Dibromoethane
Concen: 5.32 ug/L
RT: 8.59 min Scan# 2489
Delta R.T. 0.00 min
Lab File: VU023612.D
Acq: 03 May 2018 19:55

Tgt Ion:107 Resp: 43840
Ion Ratio Lower Upper
107 100
109 91.5 68.4 127.0
188 3.9 3.0 4.4

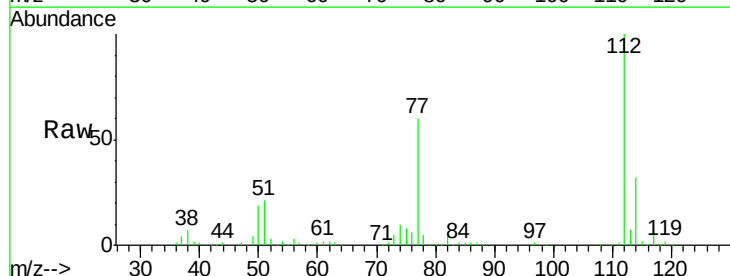


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

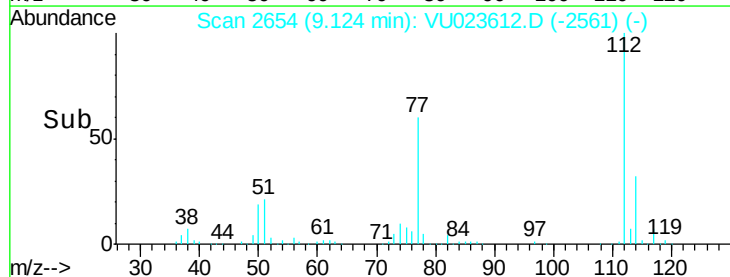
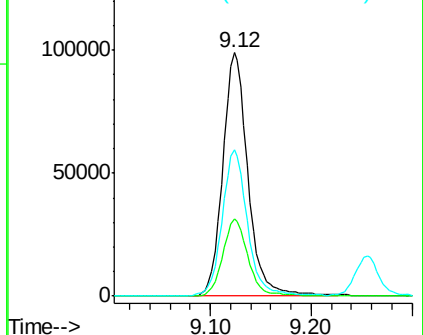


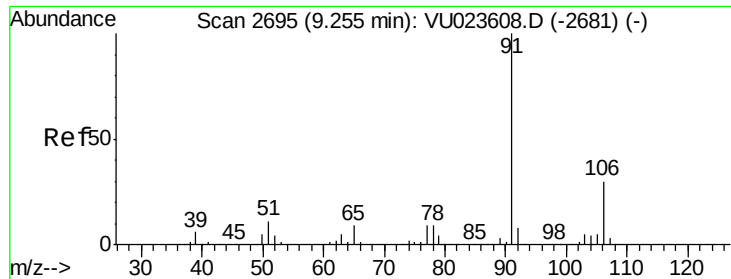
#51
Chlorobenzene
Concen: 5.12 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU023612.D
Acq: 03 May 2018 19:55

Tgt Ion:112 Resp: 172994
Ion Ratio Lower Upper
112 100
114 31.7 22.3 41.3
77 60.3 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: 5.20 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023612.D

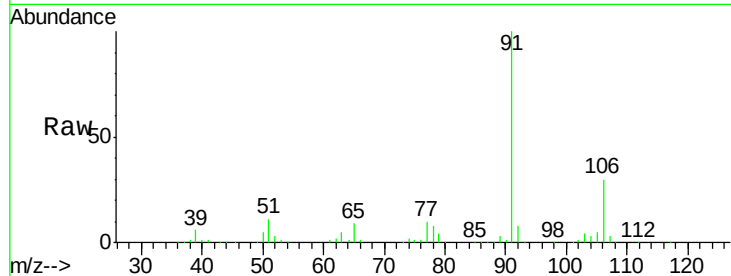
Acq: 03 May 2018 19:55

Tgt Ion: 91 Resp: 284728

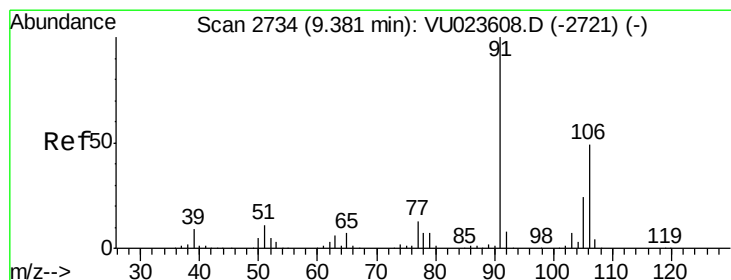
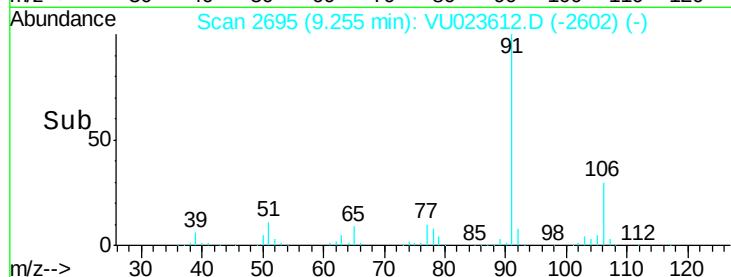
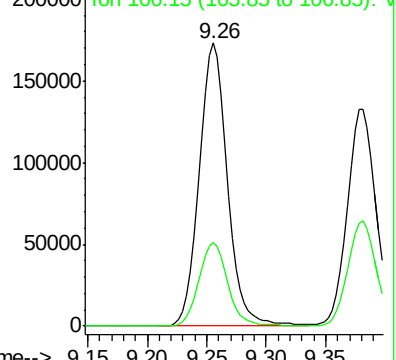
Ion Ratio Lower Upper

91 100

106 29.6 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VU023612.D (-2602) (-)



#53

m,p-xylene

Concen: 5.29 ug/L

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU023612.D

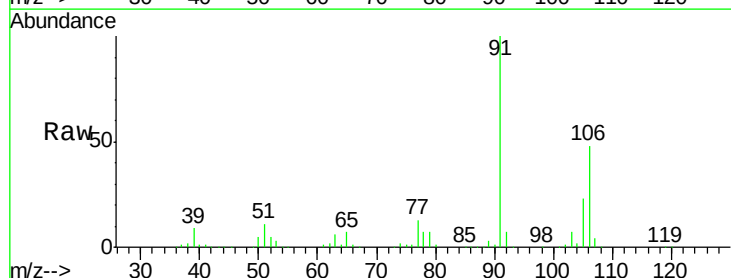
Acq: 03 May 2018 19:55

Tgt Ion: 106 Resp: 108706

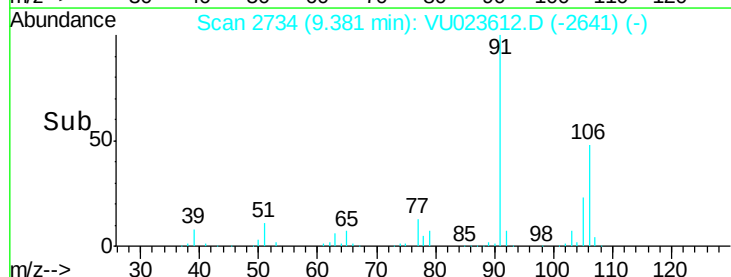
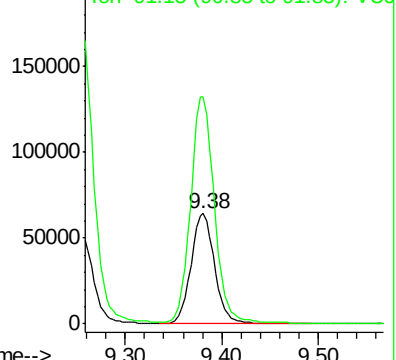
Ion Ratio Lower Upper

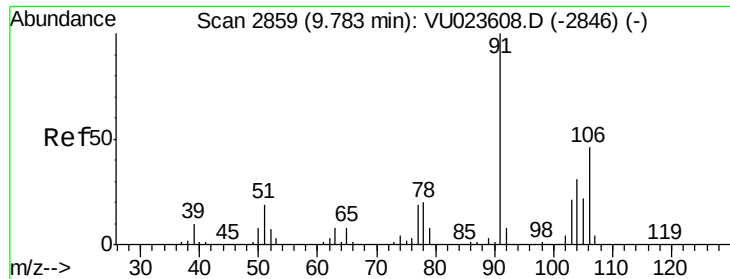
106 100

91 206.3 142.4 264.4



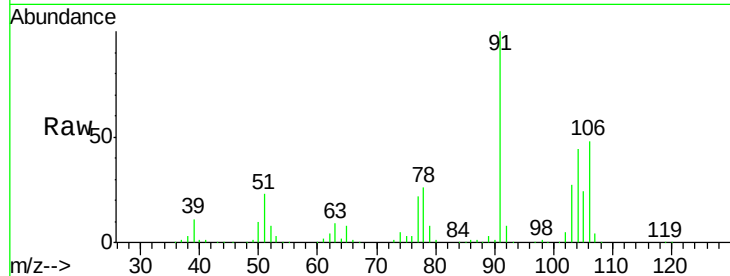
Abundance Ion 106.15 (105.85 to 106.85): VU023612.D (-2641) (-)



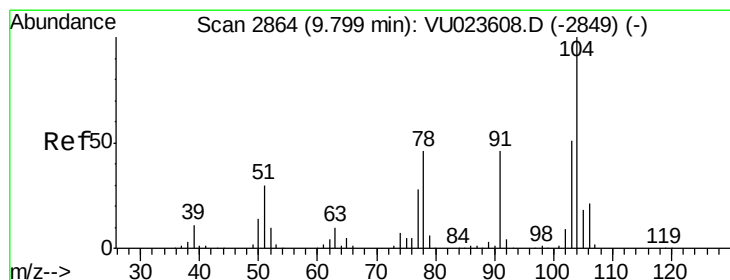
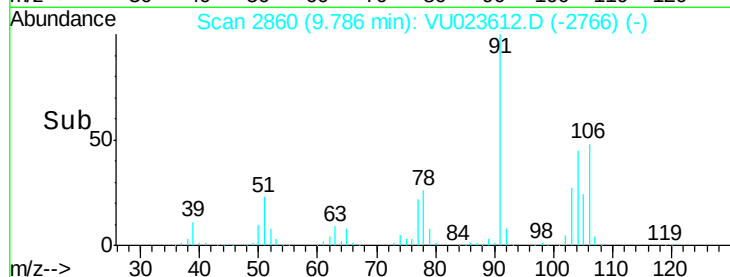
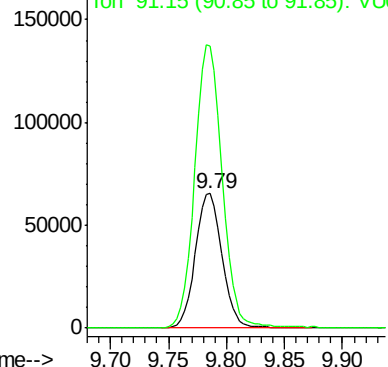


#54
o-xylene
Concen: 5.39 ug/L
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU023612.D
Acq: 03 May 2018 19:55

Tgt Ion:106 Resp: 104764
Ion Ratio Lower Upper
106 100
91 210.3 151.5 281.5

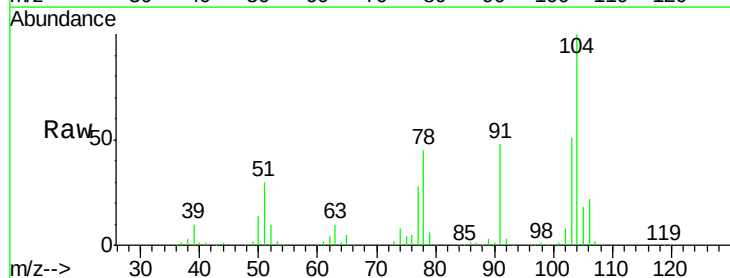


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

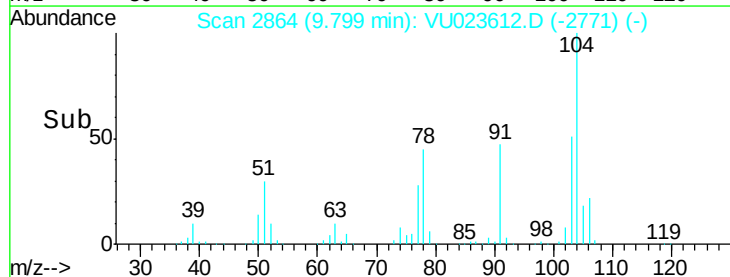
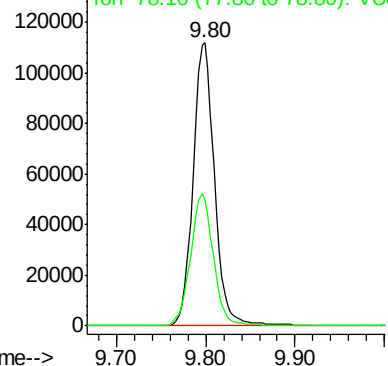


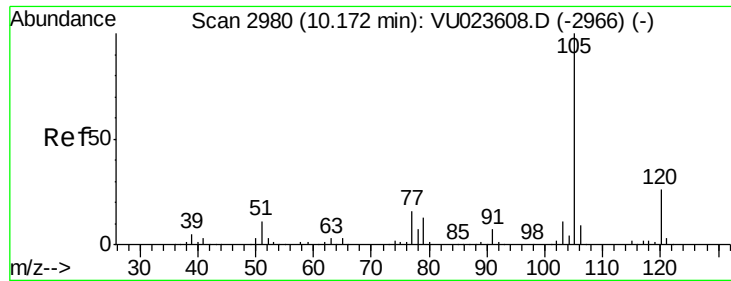
#55
Styrene
Concen: 5.46 ug/L
RT: 9.80 min Scan# 2864
Delta R.T. 0.00 min
Lab File: VU023612.D
Acq: 03 May 2018 19:55

Tgt Ion:104 Resp: 186190
Ion Ratio Lower Upper
104 100
78 44.6 32.0 59.4



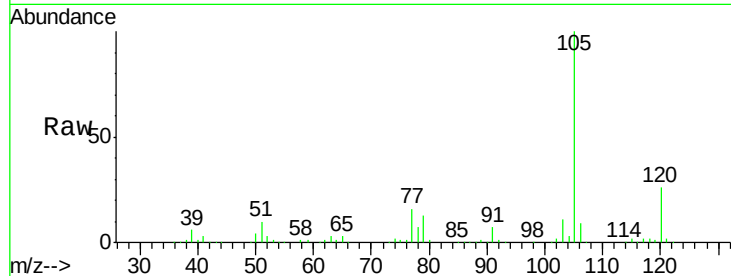
Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0



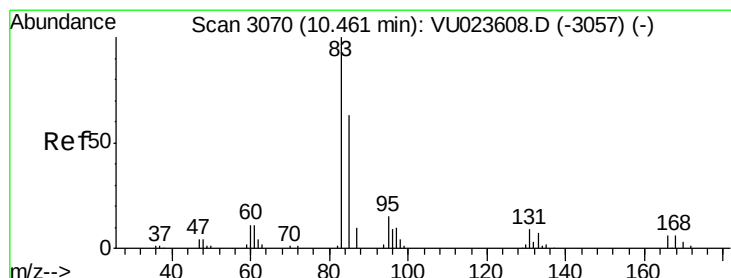
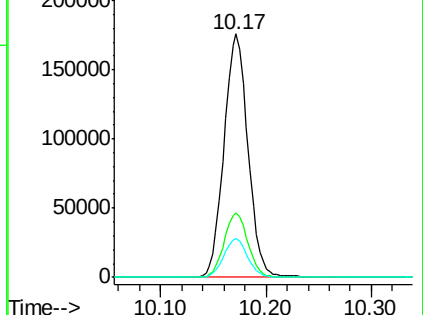
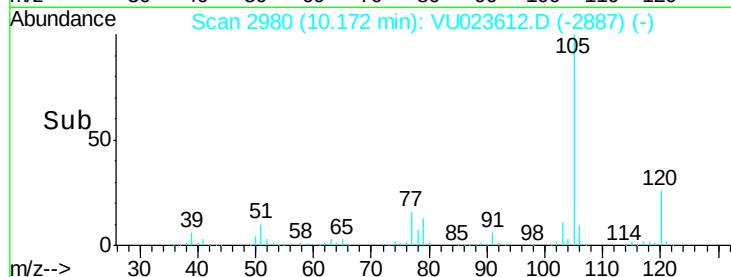


#56
Isopropylbenzene
Concen: 5.37 ug/L
RT: 10.17 min Scan# 2980
Delta R.T. 0.00 min
Lab File: VU023612.D
Acq: 03 May 2018 19:55

Tgt Ion:	105	Resp:	276420
Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.1	31.7
77	16.0	13.1	19.7

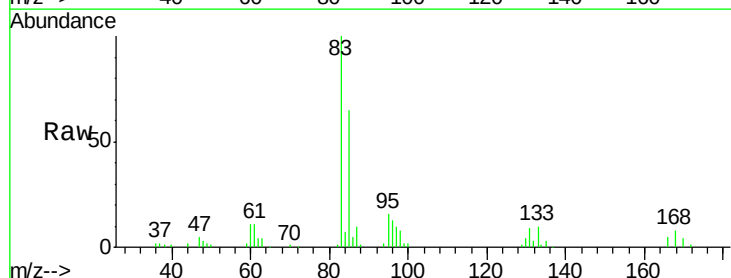


Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): V

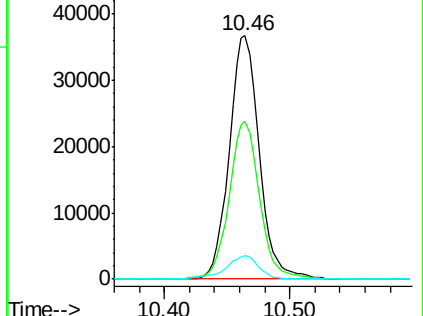
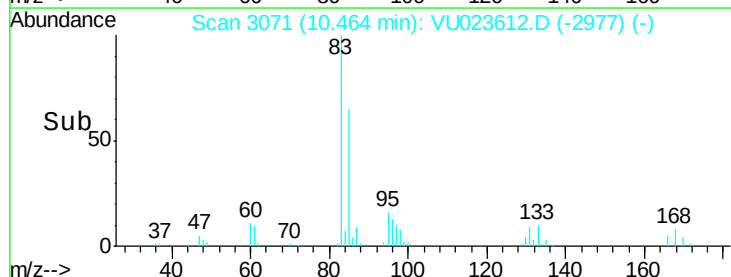


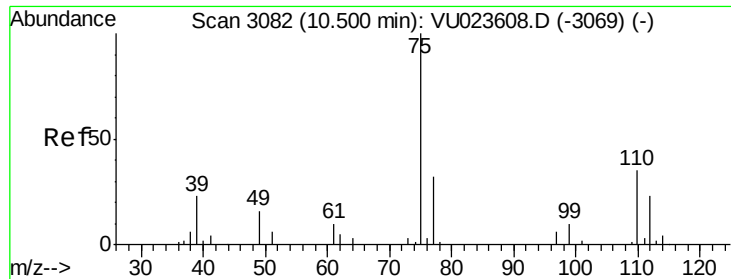
#58
1,1,2,2-Tetrachloroethane
Concen: 5.18 ug/L
RT: 10.46 min Scan# 3071
Delta R.T. 0.00 min
Lab File: VU023612.D
Acq: 03 May 2018 19:55

Tgt Ion:	83	Resp:	60840
Ion	Ratio	Lower	Upper
83	100		
85	64.8	44.2	82.2
131	9.5	7.3	10.9



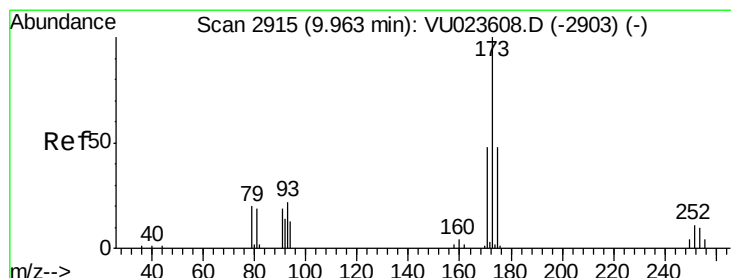
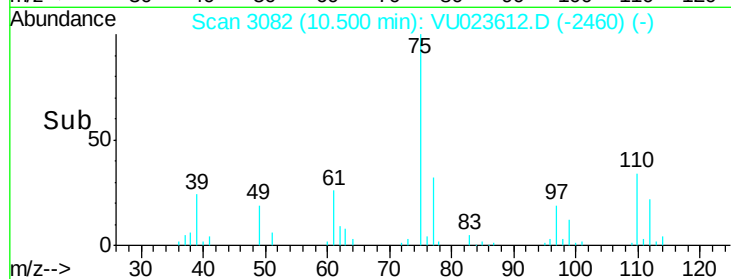
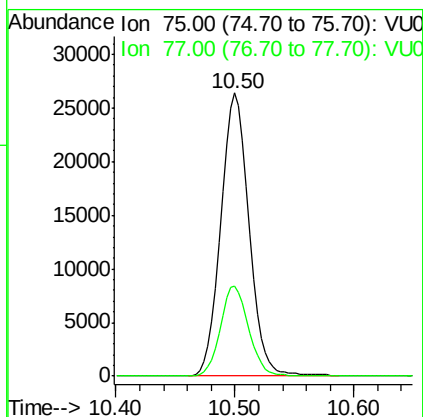
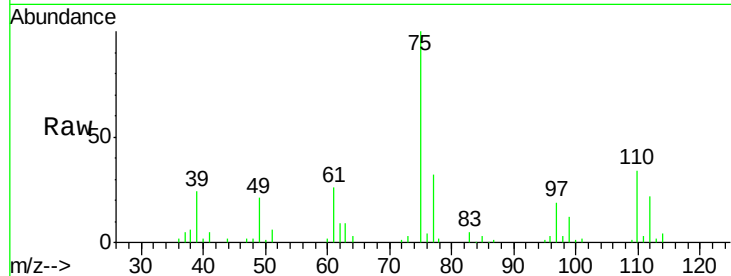
Abundance Ion 82.95 (82.65 to 83.65): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 130.95 (130.65 to 131.65): V





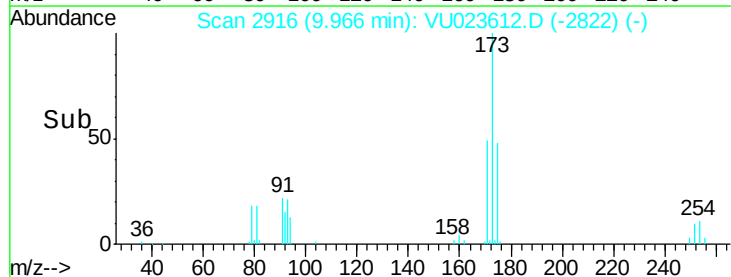
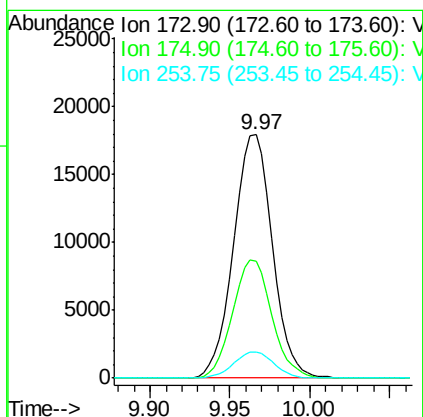
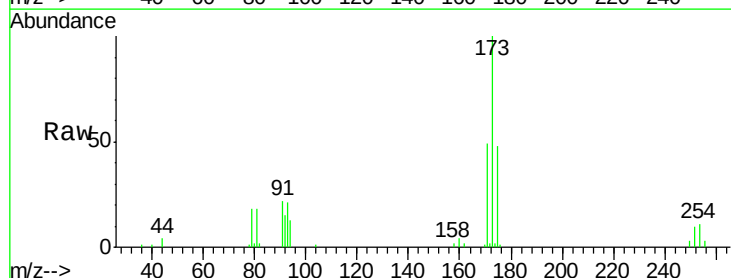
#59
 1,2,3-Trichloropropane
 Concen: 5.25 ug/L
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

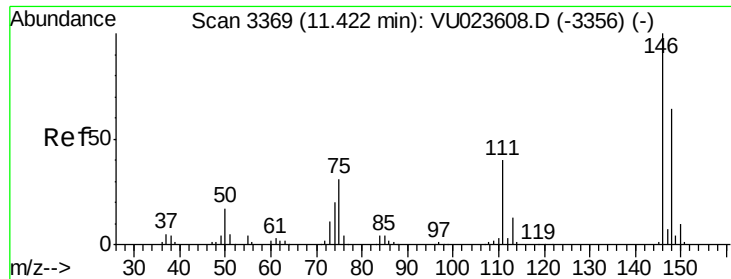
Tgt Ion: 75 Resp: 43455
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.0 39.0



#61
 Bromoform
 Concen: 5.20 ug/L
 RT: 9.97 min Scan# 2916
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

Tgt Ion: 173 Resp: 29641
 Ion Ratio Lower Upper
 173 100
 175 48.6 38.1 57.1
 254 11.0 8.6 13.0





#62

1,3-Dichlorobenzene

Concen: 5.27 ug/L

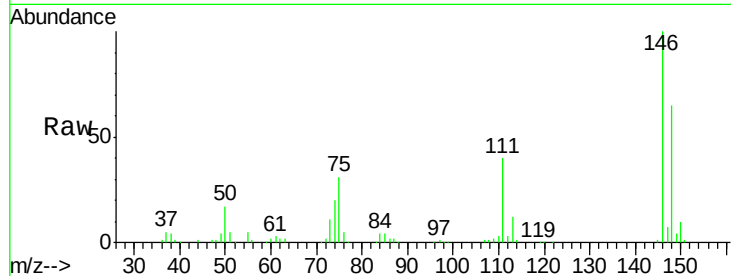
RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU023612.D

Acq: 03 May 2018 19:55

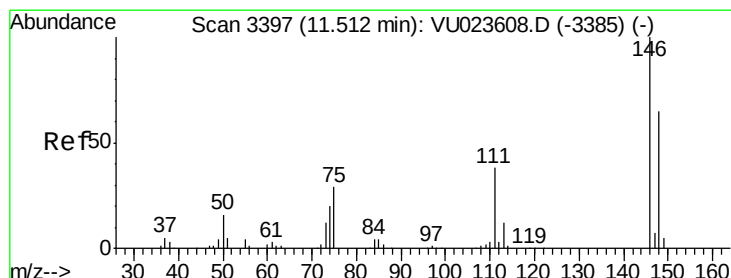
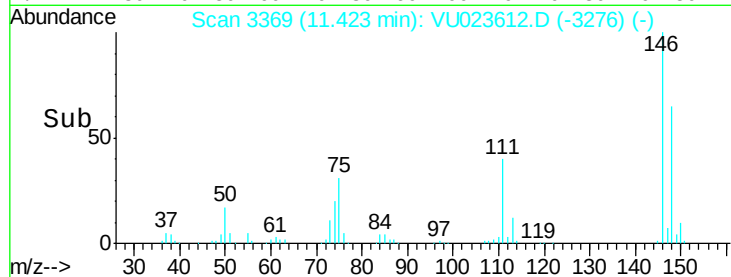
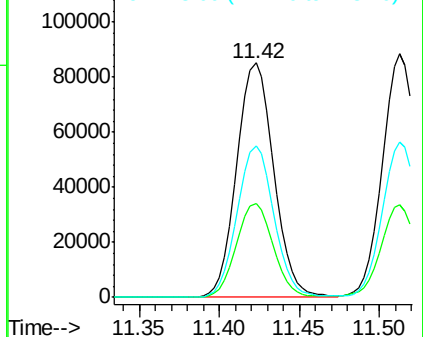
Tgt Ion:	146	Resp:	134657
Ion	Ratio	Lower	Upper
146	100		
111	39.9	27.9	51.9
148	64.9	44.7	83.1



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: 5.19 ug/L

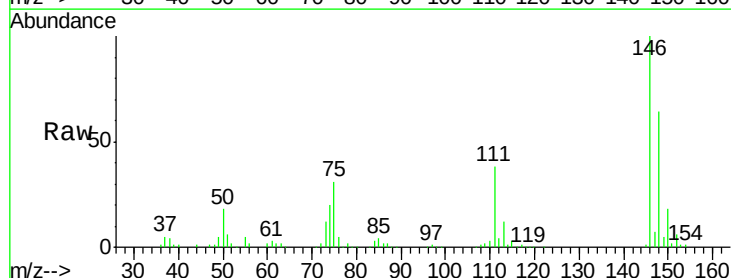
RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU023612.D

Acq: 03 May 2018 19:55

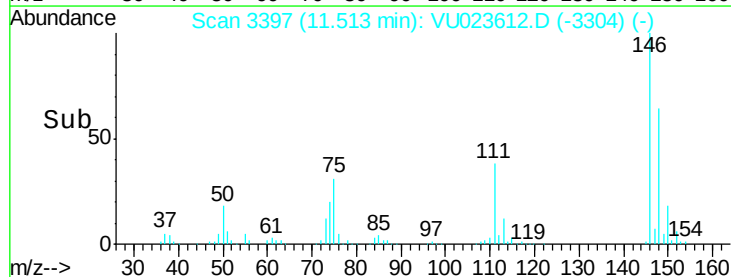
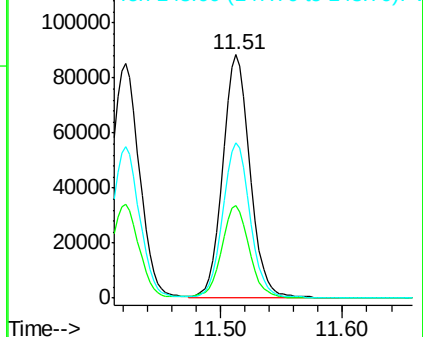
Tgt Ion:	146	Resp:	139708
Ion	Ratio	Lower	Upper
146	100		
111	37.9	26.7	49.5
148	64.0	45.4	84.4

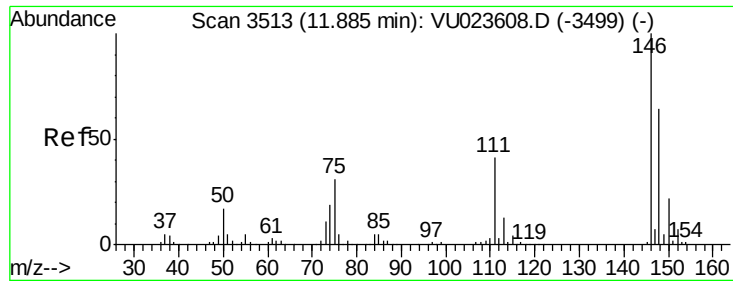


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

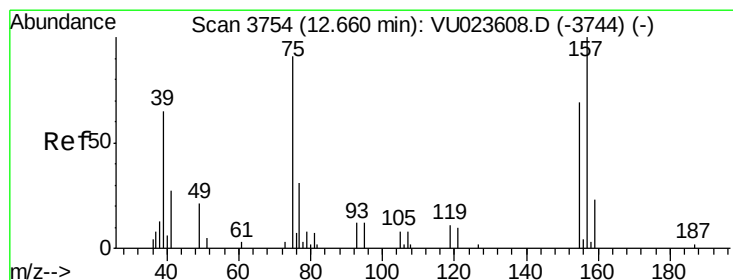
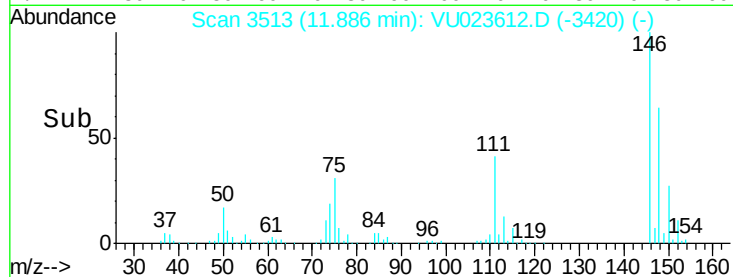
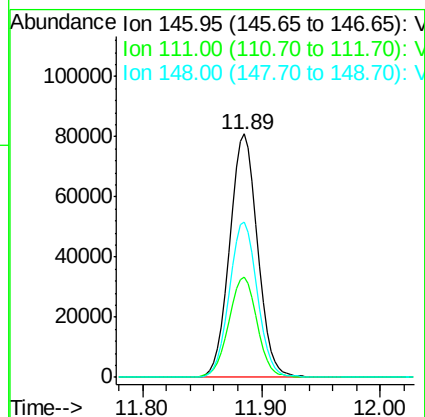
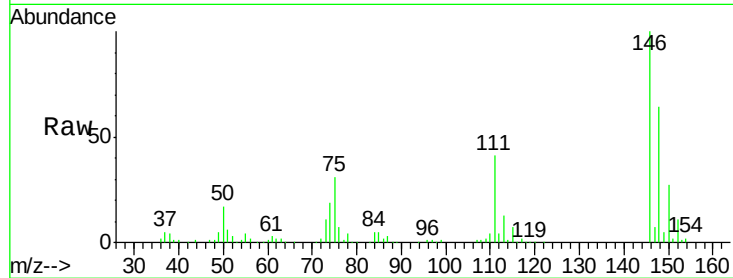
Ion 148.00 (147.70 to 148.70): V





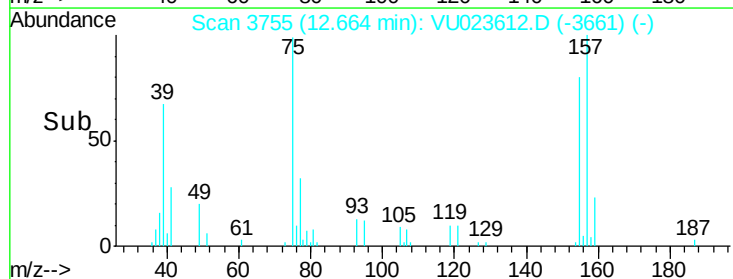
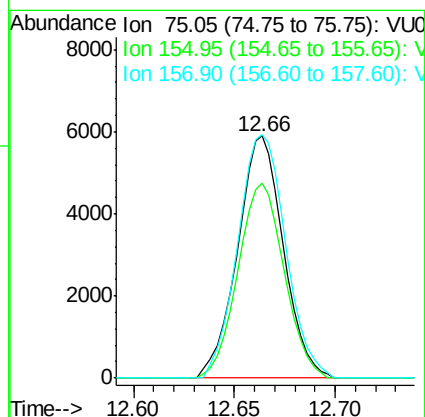
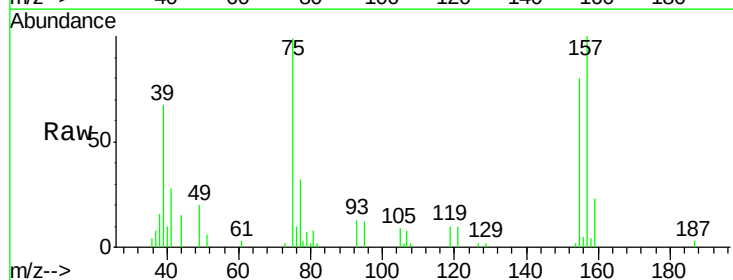
#65
 1,2-Dichlorobenzene
 Concen: 5.29 ug/L
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

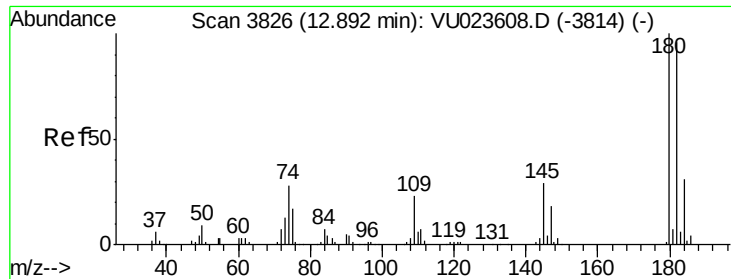
Tgt Ion: 146 Resp: 131767
 Ion Ratio Lower Upper
 146 100
 111 40.9 33.0 49.6
 148 63.7 50.8 76.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.58 ug/L
 RT: 12.66 min Scan# 3755
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

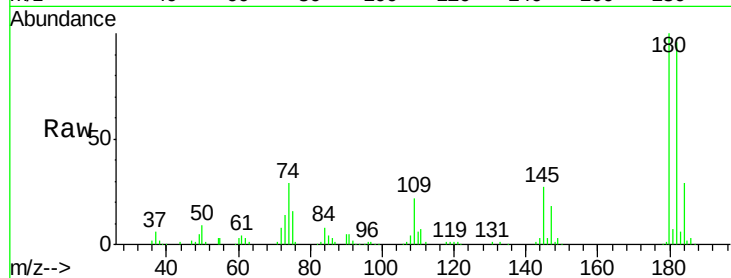
Tgt Ion: 75 Resp: 9381
 Ion Ratio Lower Upper
 75 100
 155 80.8 60.6 90.8
 157 100.7 87.7 131.5





#67
 1,3,5-Trichlorobenzene
 Concen: 5.21 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.2
184	30.3	24.4	36.6
145	27.3	22.8	34.2

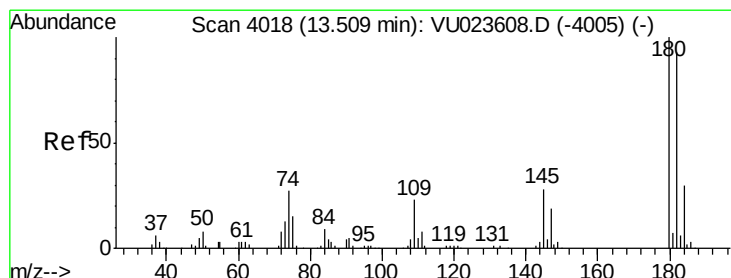
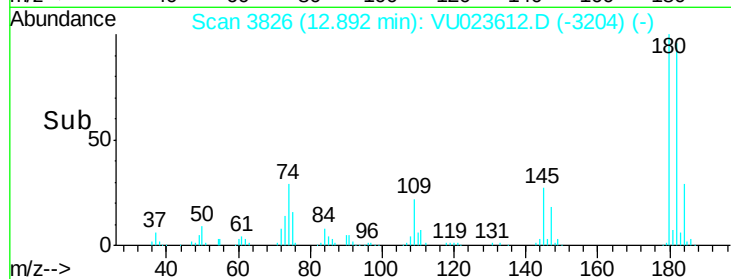
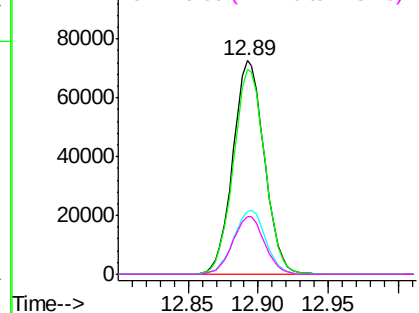


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

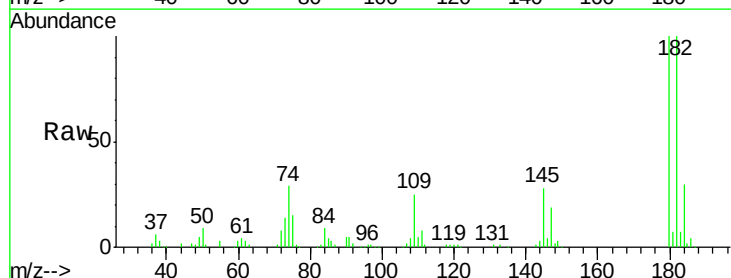
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 5.27 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU023612.D
 Acq: 03 May 2018 19:55

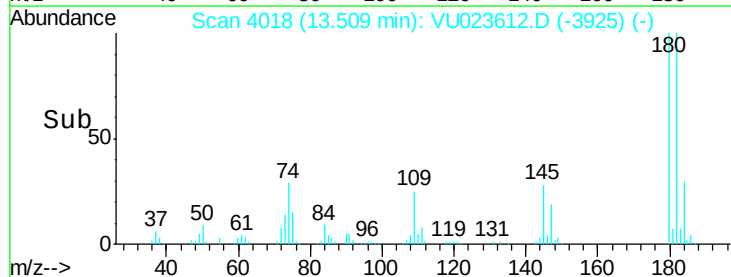
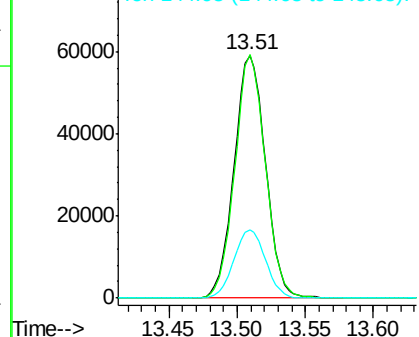
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.7	113.5
145	28.4	22.5	33.7

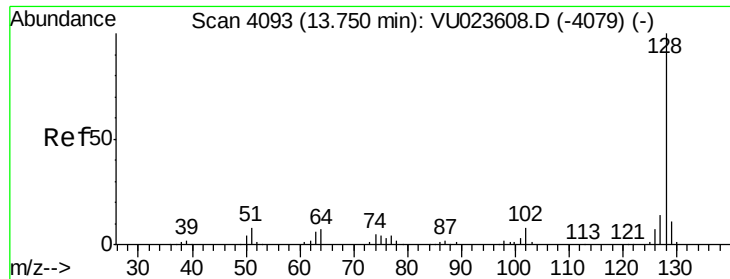


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

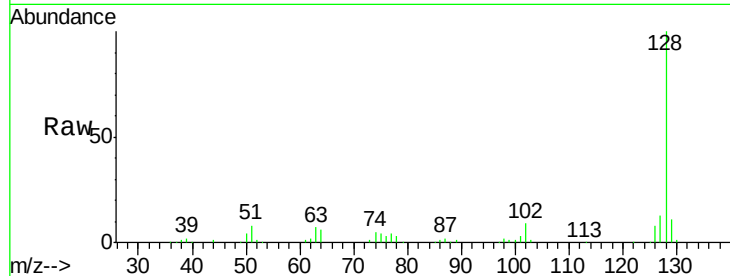
Ion 144.95 (144.65 to 145.65): V



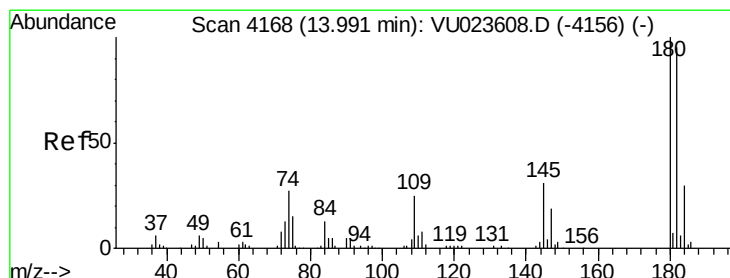
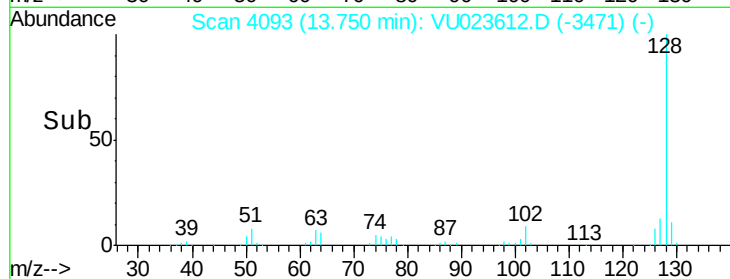
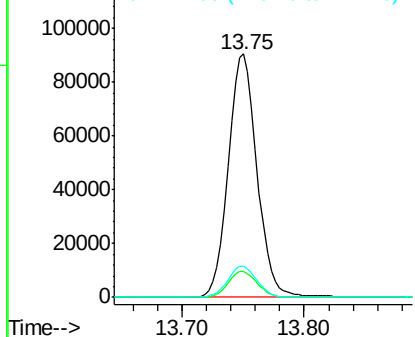


#69
Naphthalene
Concen: 5.45 ug/L
RT: 13.75 min Scan# 4093
Delta R.T. 0.00 min
Lab File: VU023612.D
Acq: 03 May 2018 19:55

Tgt Ion:128 Resp: 148706
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.1 10.5 15.7

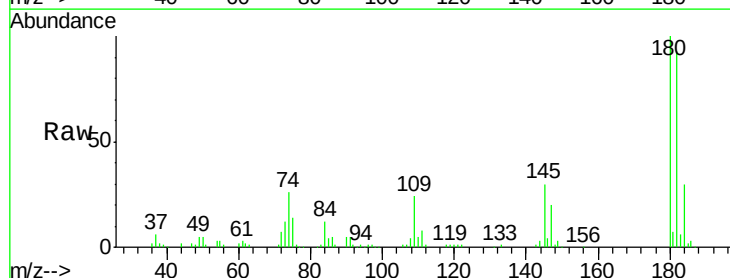


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70
1,2,3-Trichlorobenzene
Concen: 5.46 ug/L
RT: 13.99 min Scan# 4169
Delta R.T. 0.00 min
Lab File: VU023612.D
Acq: 03 May 2018 19:55

Tgt Ion:180 Resp: 91778
Ion Ratio Lower Upper
180 100
182 95.7 75.9 113.9
145 30.6 24.3 36.5



Abundance Ion 179.90 (179.60 to 180.60): V
Ion 181.90 (181.60 to 182.60): V
Ion 144.95 (144.65 to 145.65): V

