

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024166.D
 Acq On : 26 May 2018 23:53
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 28 01:02:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 00:49:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	314103	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	294900	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	134607	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	98024	41.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.10%
7) Chloroethane-d5	1.68	69	83520	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.10%
11) 1,1-Dichloroethene-d2	2.27	63	199485	44.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.82%
21) 2-Butanone-d5	4.18	46	182136	95.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.94%
24) Chloroform-d	4.65	84	199853	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.31	65	124457	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
32) Benzene-d6	5.35	84	389673	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.34	67	131868	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.28%
41) Toluene-d8	7.57	98	363665	48.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.16%
43) trans-1,3-Dichloropropene-	7.85	79	50789	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.32%
47) 2-Hexanone-d5	8.31	63	128120	96.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.00%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	191688	46.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	144848	49.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.16%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	151975	48.58	ug/L	100
3) Chloromethane	1.33	50	164628	47.34	ug/L	99
5) Vinyl chloride	1.40	62	161729	49.03	ug/L	100
6) Bromomethane	1.62	94	81642	47.96	ug/L	97
8) Chloroethane	1.70	64	97384	49.86	ug/L	98
9) Trichlorofluoromethane	1.89	101	191375	50.23	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	114816	49.69	ug/L	99
12) 1,1-Dichloroethene	2.28	96	108176	50.15	ug/L	93
13) Acetone	2.32	43	133914	80.94	ug/L	99
14) Carbon disulfide	2.48	76	339459	48.52	ug/L	100
15) Methyl Acetate	2.62	43	148212	49.15	ug/L	99
16) Methylene chloride	2.70	84	130871	48.76	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	111751	49.39	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	348539	51.08	ug/L	100
19) 1,1-Dichloroethane	3.45	63	226019	49.59	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	126108	49.85	ug/L	96
22) 2-Butanone	4.27	43	205148	94.56	ug/L	99

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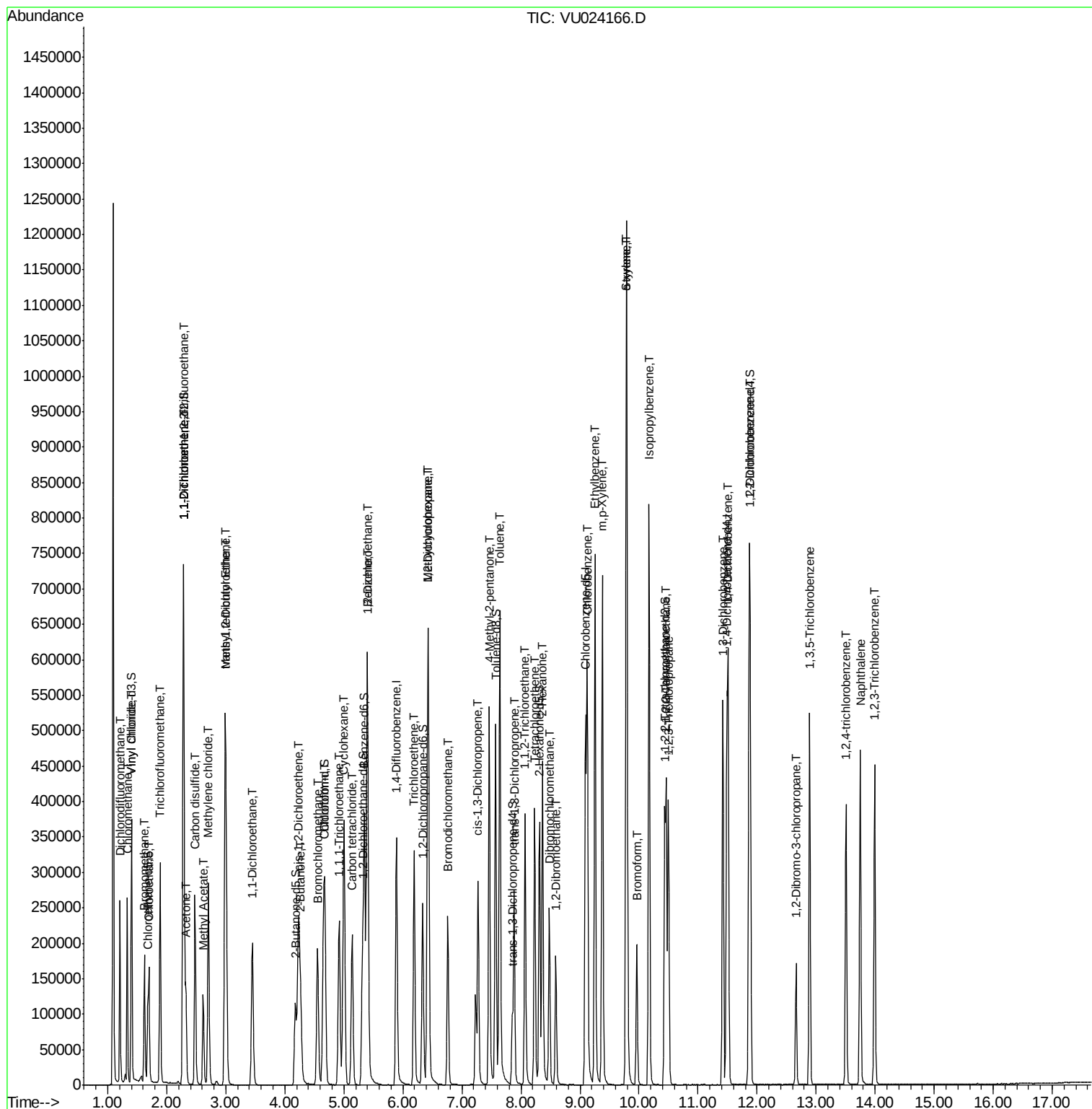
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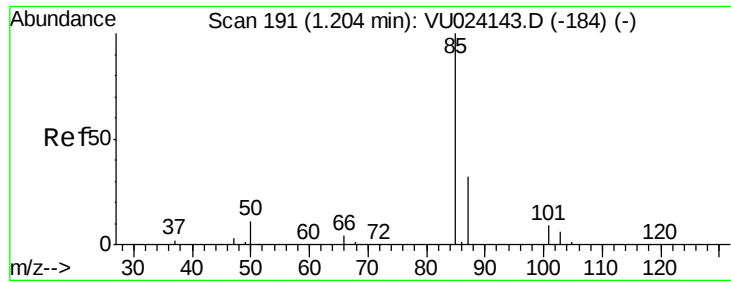
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	66740	50.79	ug/L	97
25) Chloroform	4.68	83	220605	49.34	ug/L	97
27) 1,2-Dichloroethane	5.41	62	175019	49.30	ug/L	100
29) Cyclohexane	5.00	56	199915	51.64	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	179229	51.16	ug/L	98
31) Carbon tetrachloride	5.14	117	156827	51.12	ug/L	99
33) Benzene	5.39	78	499782	50.91	ug/L	100
34) Trichloroethene	6.19	95	117840	42.73	ug/L	98
35) Methylcyclohexane	6.42	83	189241	49.59	ug/L	99
37) 1,2-Dichloropropane	6.44	63	136327	49.52	ug/L	100
38) Bromodichloromethane	6.76	83	159220	49.21	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	175310	48.23	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	363618	97.41	ug/L	99
42) Toluene	7.64	91	519422	52.11	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	154283	47.66	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	124504	50.86	ug/L	99
46) Tetrachloroethene	8.23	164	96065	49.80	ug/L	98
48) 2-Hexanone	8.36	43	286863	97.41	ug/L	99
49) Dibromochloromethane	8.48	129	130470	50.67	ug/L	100
50) 1,2-Dibromoethane	8.59	107	125747	51.06	ug/L	98
51) Chlorobenzene	9.12	112	328512	50.78	ug/L	98
52) Ethylbenzene	9.25	91	545619	51.79	ug/L	99
53) m,p-Xylene	9.38	106	212490	53.24	ug/L	100
54) o-xylene	9.78	106	208367	52.13	ug/L	99
55) Styrene	9.80	104	355416	53.80	ug/L	98
56) Isopropylbenzene	10.17	105	531208	52.50	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	207835	48.27	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	169614	49.22	ug/L	99
61) Bromoform	9.96	173	93627	49.21	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	227706	50.52	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	231972	50.30	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	255464	51.30	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	42461	47.95	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	167682	50.40	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	125266	52.16	ug/L	99
69) Naphthalene	13.75	128	375697	53.11	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	145698	53.91	ug/L	99

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

```
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#2

Dichlorodifluoromethane

Concen: 48.58 ug/L

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU024166.D

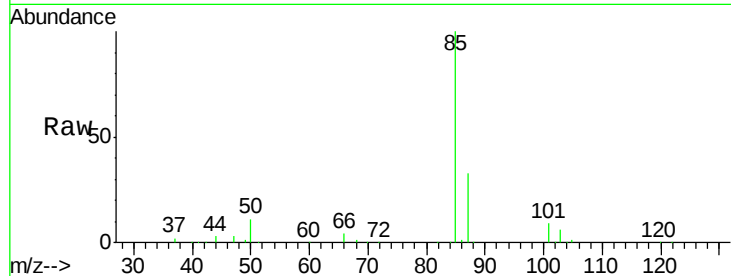
Acq: 26 May 2018 23:53

Tgt Ion: 85 Resp: 151975

Ion Ratio Lower Upper

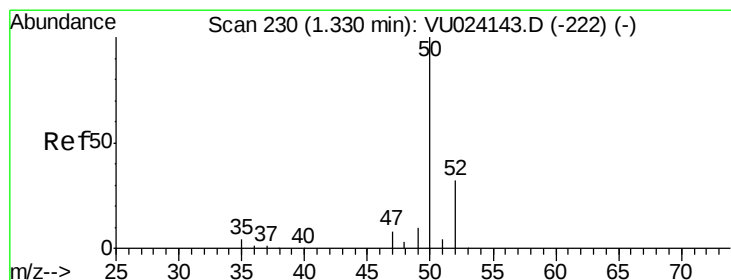
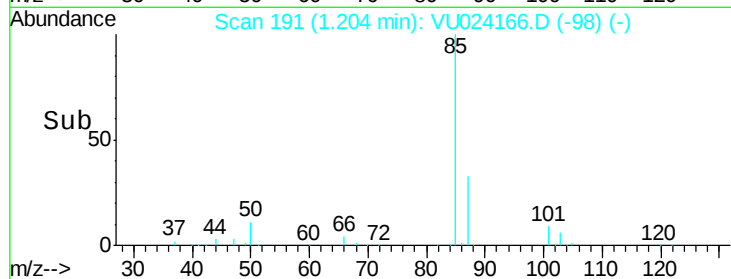
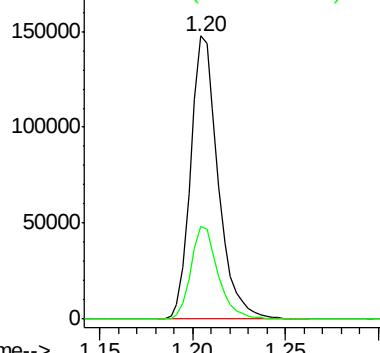
85 100

87 32.4 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 47.34 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024166.D

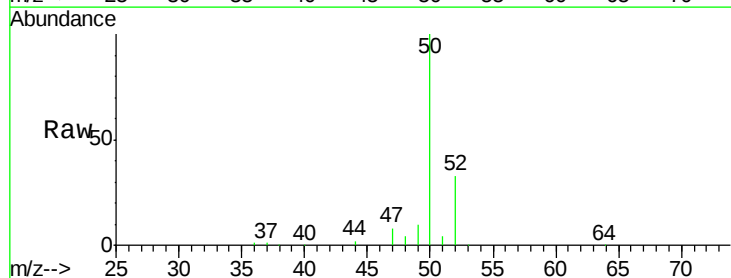
Acq: 26 May 2018 23:53

Tgt Ion: 50 Resp: 164628

Ion Ratio Lower Upper

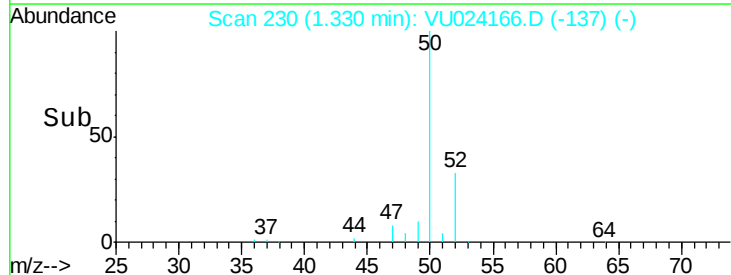
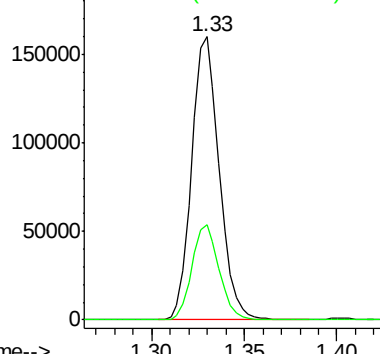
50 100

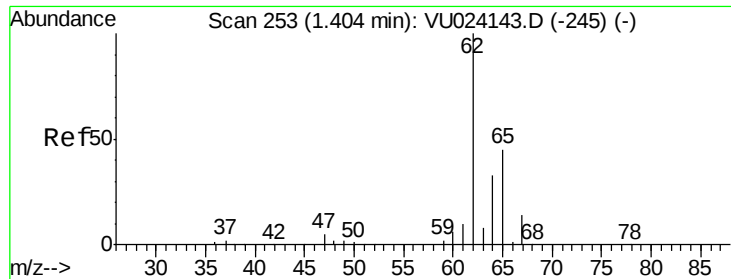
52 33.5 22.9 42.5



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 49.03 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024166.D

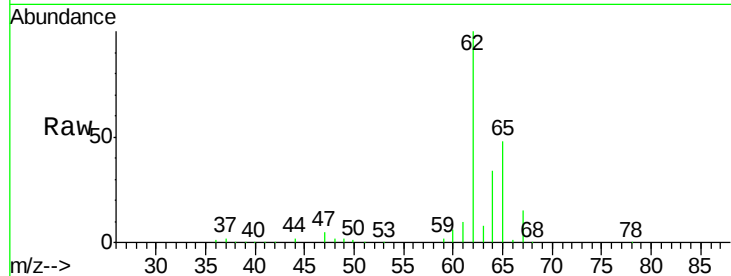
Acq: 26 May 2018 23:53

Tgt Ion: 62 Resp: 161729

Ion Ratio Lower Upper

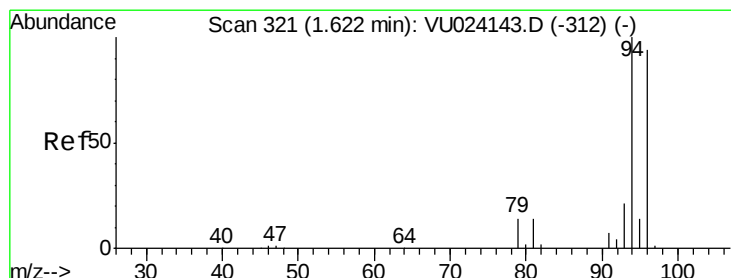
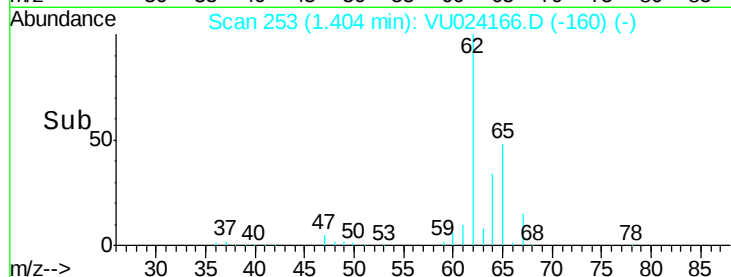
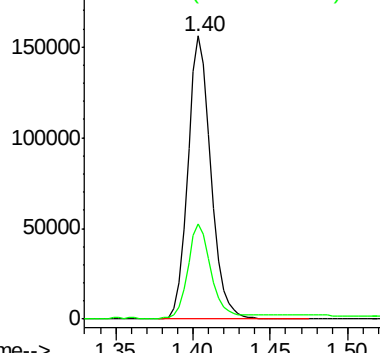
62 100

64 33.5 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#6

Bromomethane

Concen: 47.96 ug/L

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024166.D

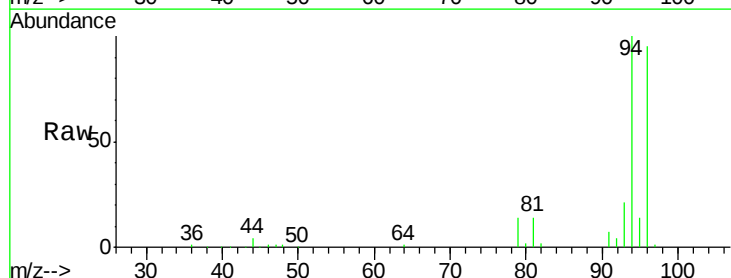
Acq: 26 May 2018 23:53

Tgt Ion: 94 Resp: 81642

Ion Ratio Lower Upper

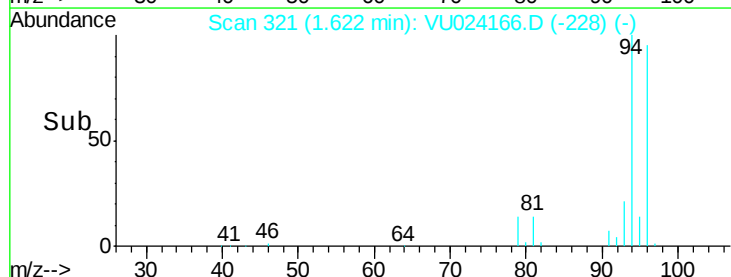
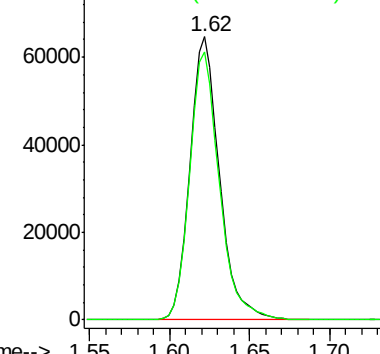
94 100

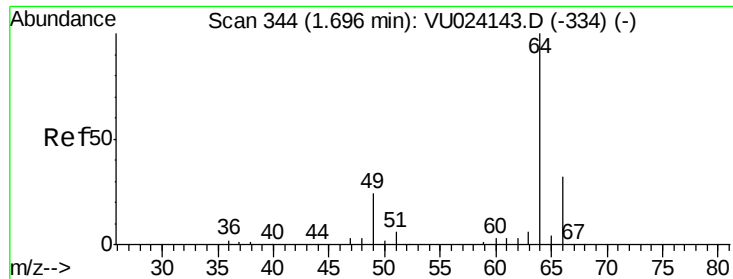
96 94.8 64.6 120.0



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 49.86 ug/L

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024166.D

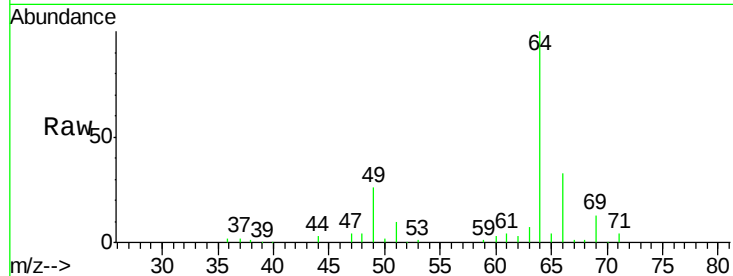
Acq: 26 May 2018 23:53

Tgt Ion: 64 Resp: 97384

Ion Ratio Lower Upper

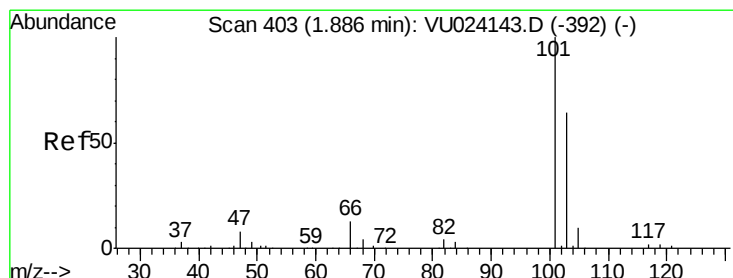
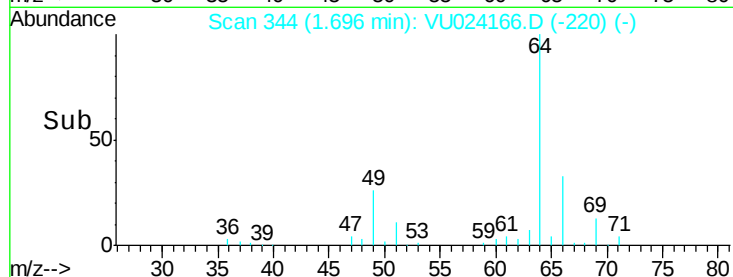
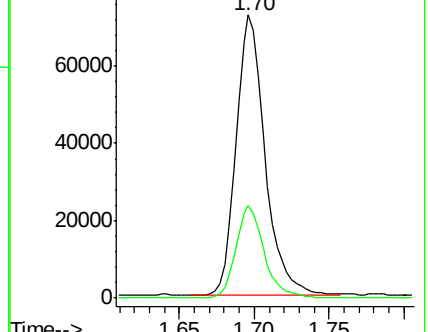
64 100

66 32.7 22.0 40.8



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



#9

Trichlorofluoromethane

Concen: 50.23 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024166.D

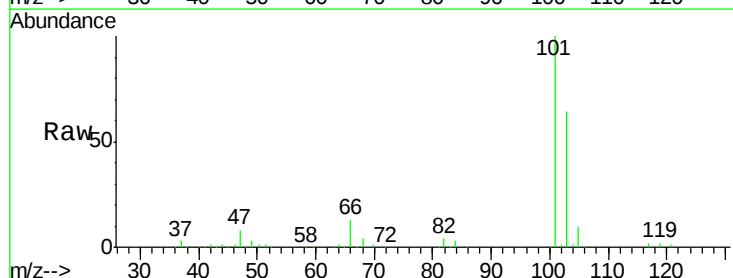
Acq: 26 May 2018 23:53

Tgt Ion: 101 Resp: 191375

Ion Ratio Lower Upper

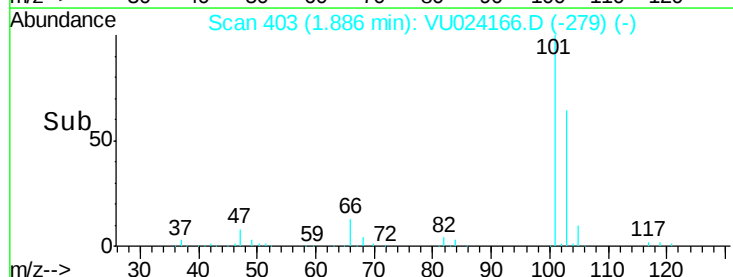
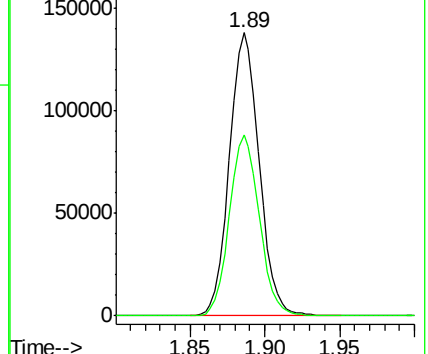
101 100

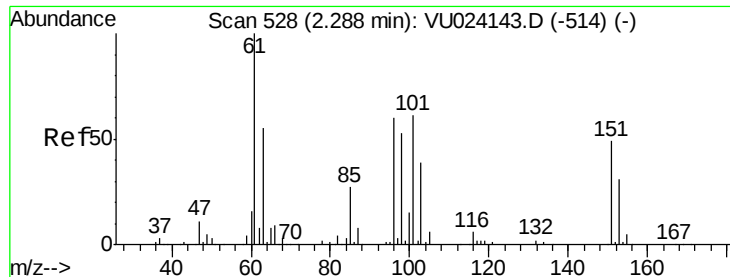
103 64.2 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 49.69 ug/L

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

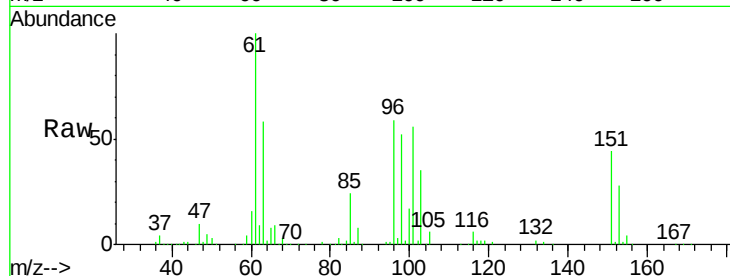
Tgt Ion: 101 Resp: 114816

Ion Ratio Lower Upper

101 100

85 43.1 35.0 52.6

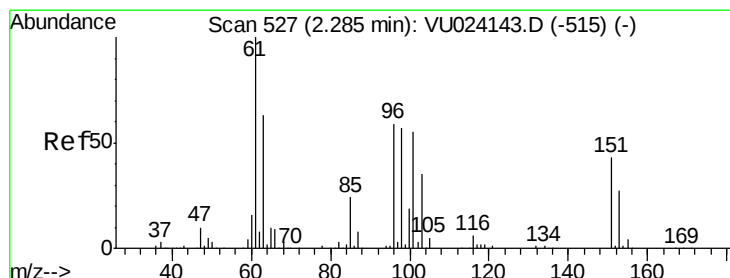
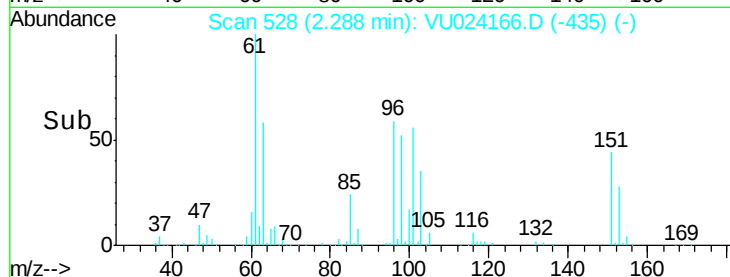
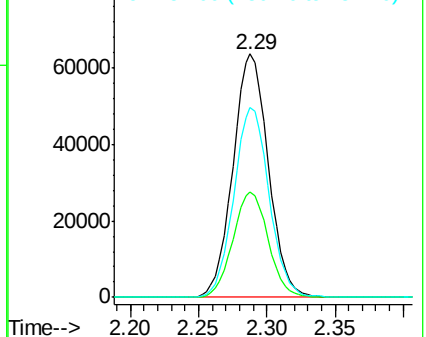
151 77.7 61.9 92.9



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: 50.15 ug/L

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

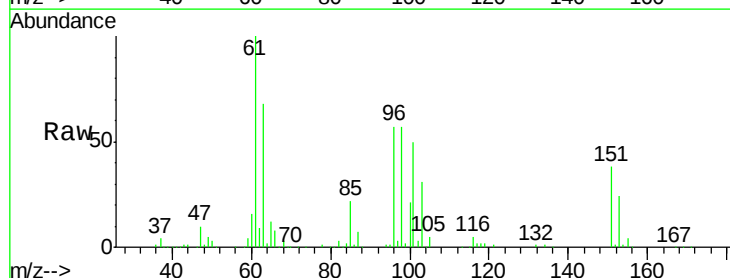
Tgt Ion: 96 Resp: 108176

Ion Ratio Lower Upper

96 100

61 176.5 124.2 230.6

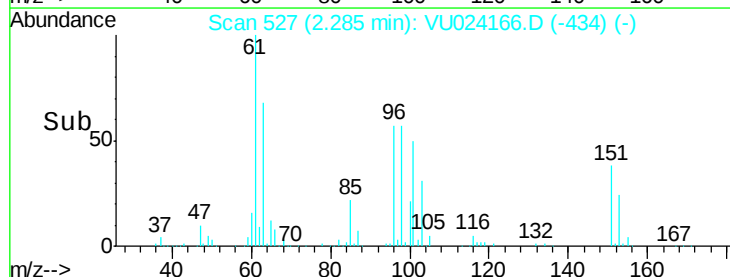
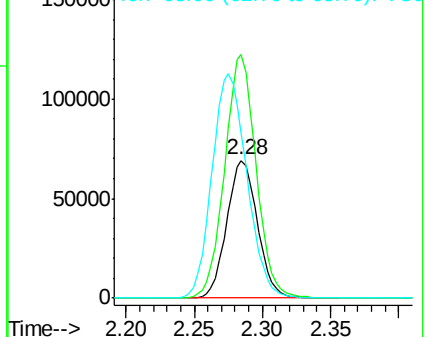
63 119.6 96.4 179.0

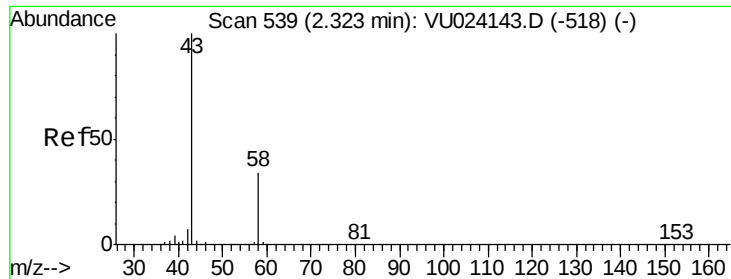


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 80.94 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024166.D

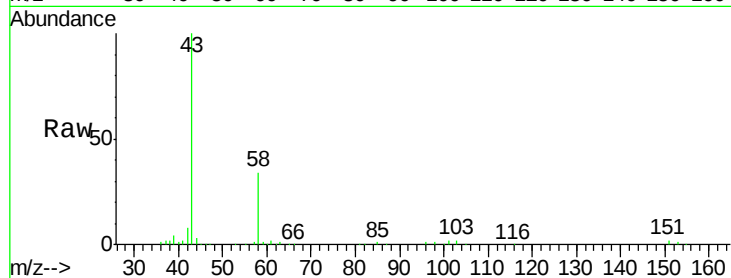
Acq: 26 May 2018 23:53

Tgt Ion: 43 Resp: 133914

Ion Ratio Lower Upper

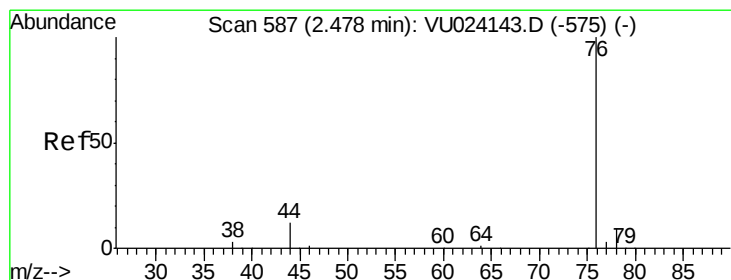
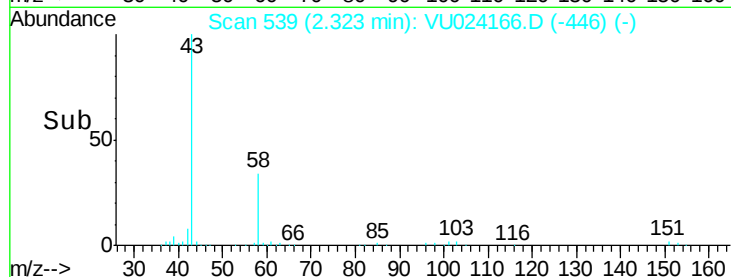
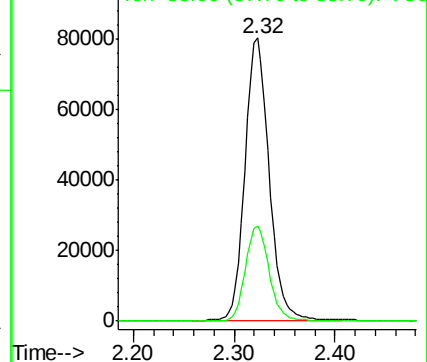
43 100

58 32.8 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon disulfide

Concen: 48.52 ug/L

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU024166.D

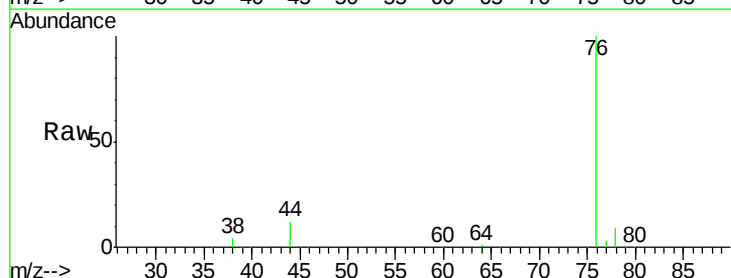
Acq: 26 May 2018 23:53

Tgt Ion: 76 Resp: 339459

Ion Ratio Lower Upper

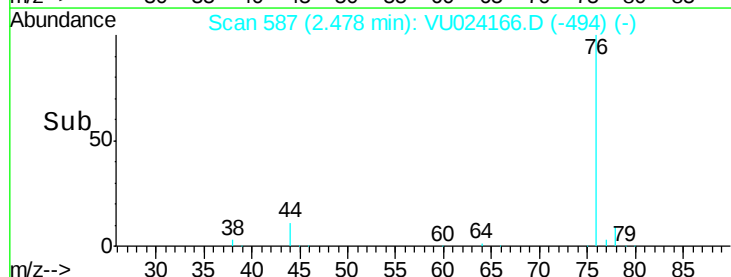
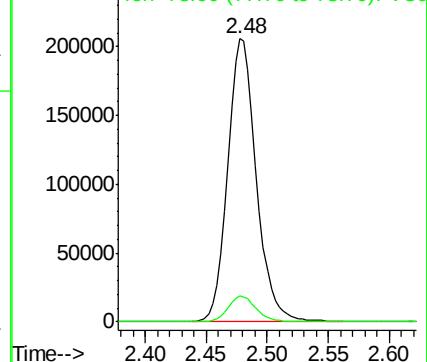
76 100

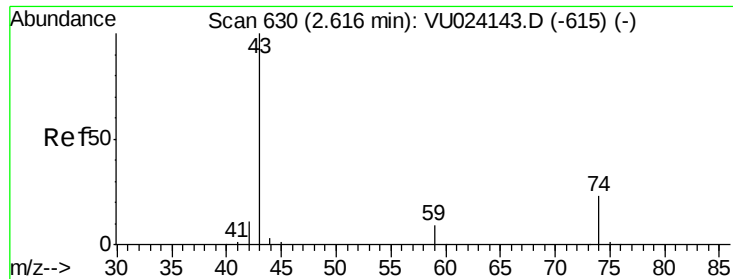
78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU0

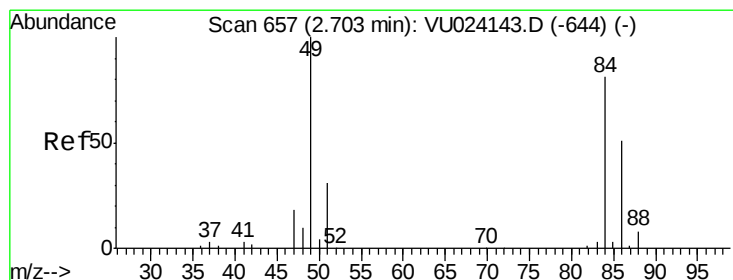
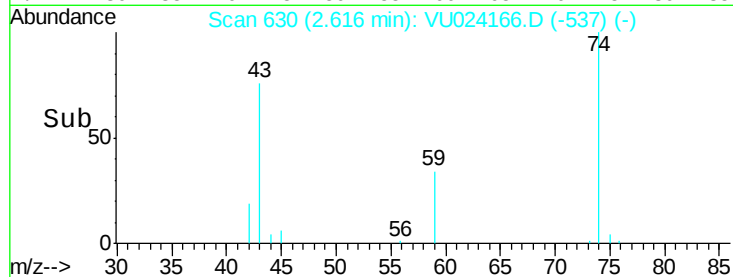
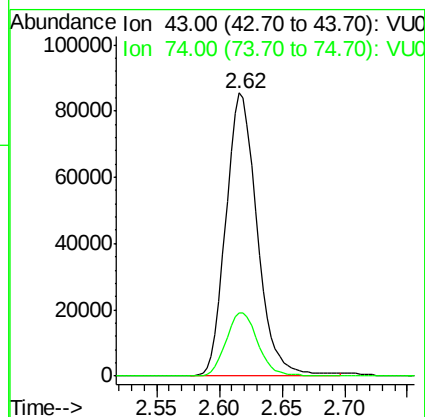
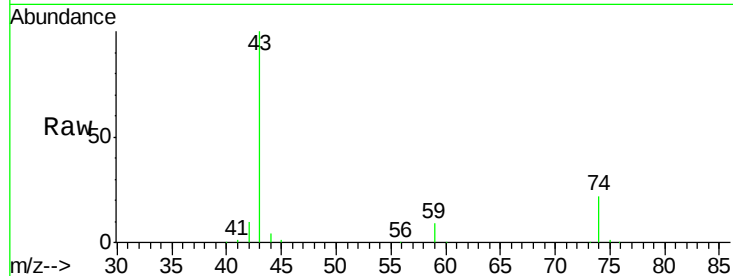
Ion 78.00 (77.70 to 78.70): VU0





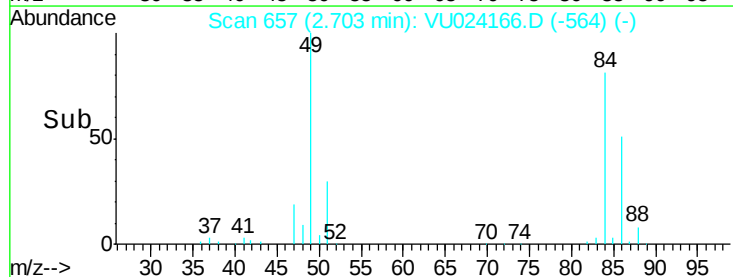
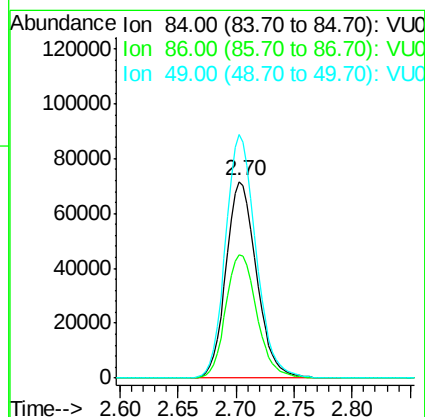
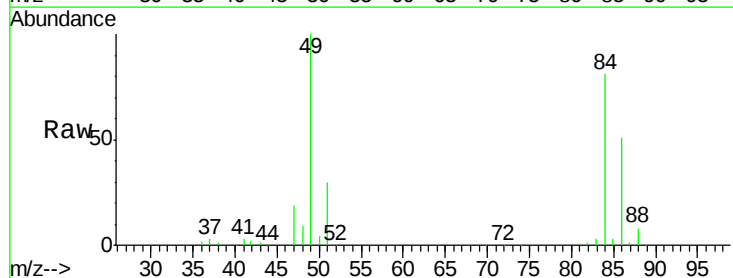
#15
Methyl Acetate
Concen: 49.15 ug/L
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU024166.D
Acq: 26 May 2018 23:53

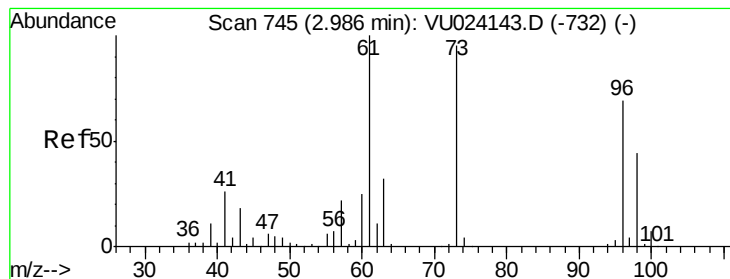
Tgt Ion: 43 Resp: 148212
Ion Ratio Lower Upper
43 100
74 23.0 18.6 28.0



#16
Methylene chloride
Concen: 48.76 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU024166.D
Acq: 26 May 2018 23:53

Tgt Ion: 84 Resp: 130871
Ion Ratio Lower Upper
84 100
86 62.7 45.4 84.2
49 123.9 87.4 162.2





#17

trans-1,2-Dichloroethene

Concen: 49.39 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

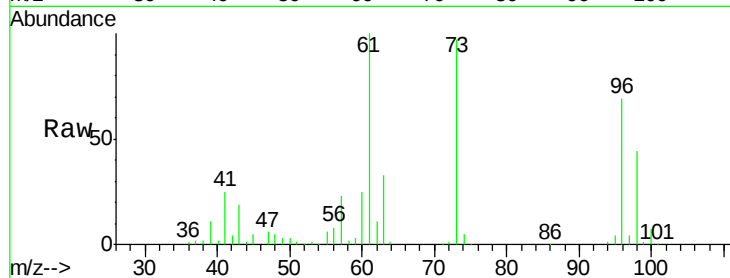
Tgt Ion: 96 Resp: 111751

Ion Ratio Lower Upper

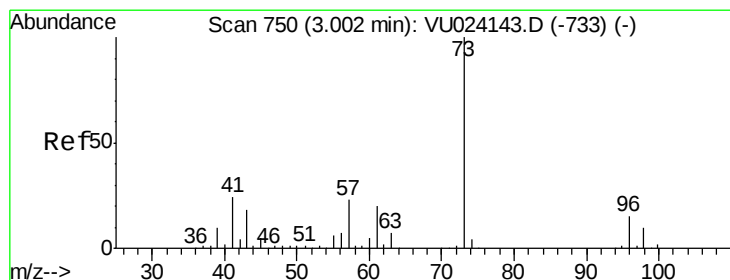
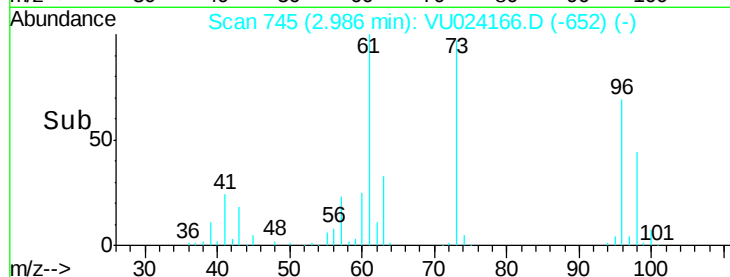
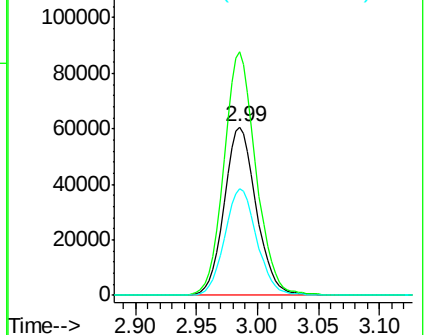
96 100

61 144.4 102.8 191.0

98 63.2 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#18

Methyl tert-butyl Ether

Concen: 51.08 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

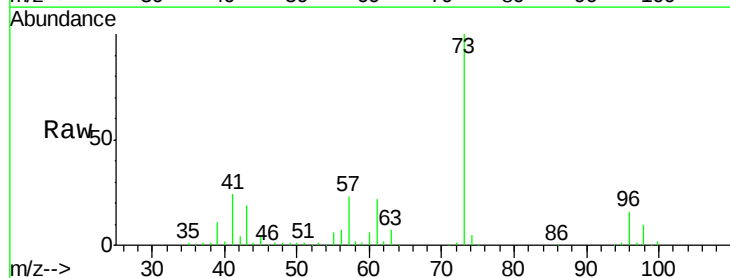
Tgt Ion: 73 Resp: 348539

Ion Ratio Lower Upper

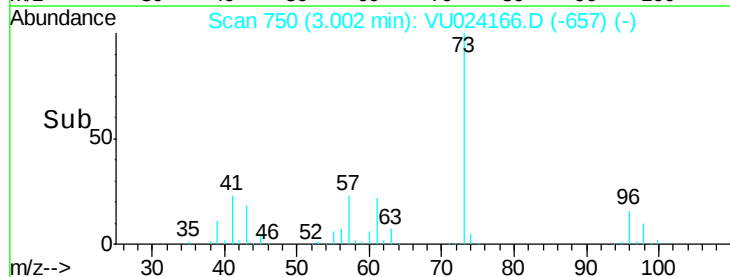
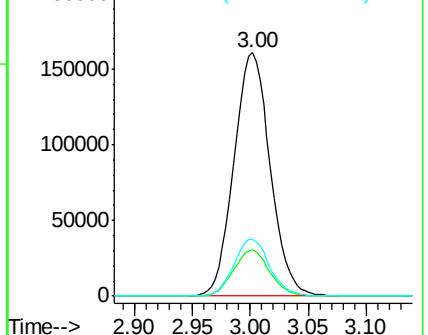
73 100

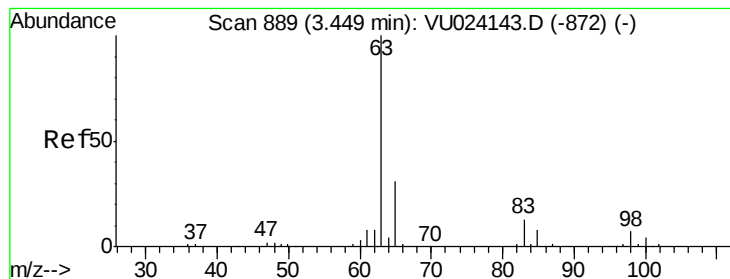
43 19.1 15.4 23.0

57 23.1 18.4 27.6



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





#19

1,1-Dichloroethane

Concen: 49.59 ug/L

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

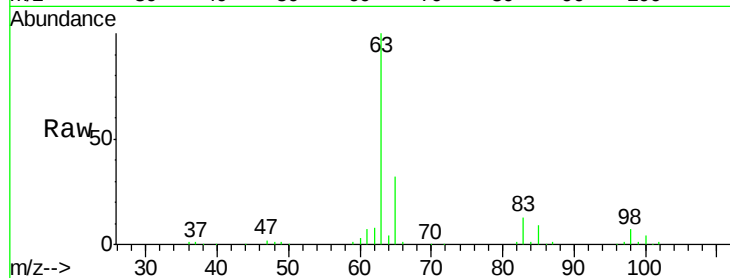
Tgt Ion: 63 Resp: 226019

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.3

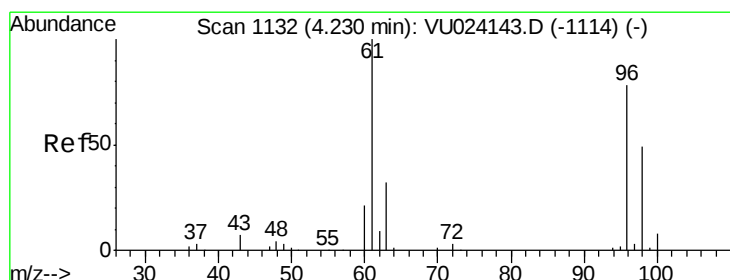
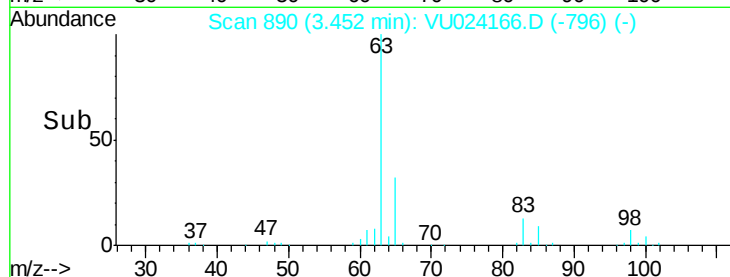
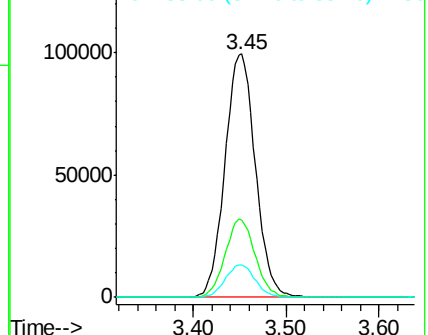
83 13.1 9.3 17.3



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

Ion 83.00 (82.70 to 83.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 49.85 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

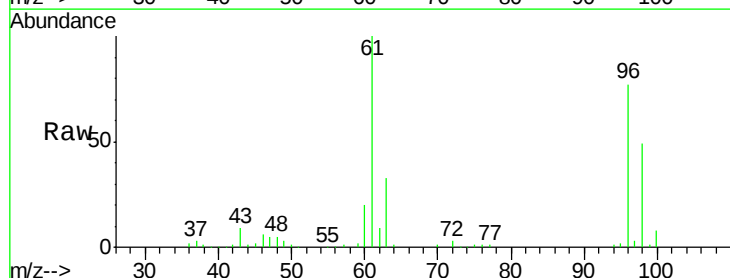
Tgt Ion: 96 Resp: 126108

Ion Ratio Lower Upper

96 100

61 130.4 94.8 176.0

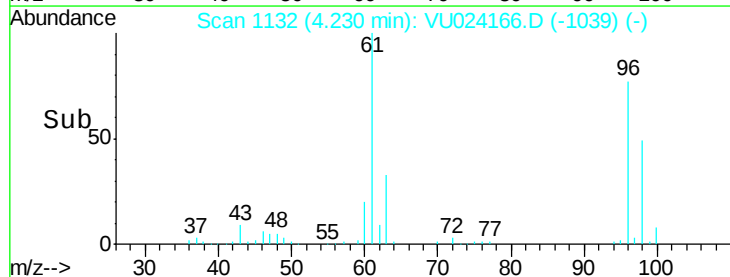
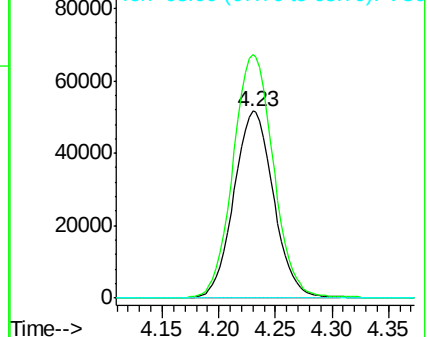
68 0.0 0.0 0.0

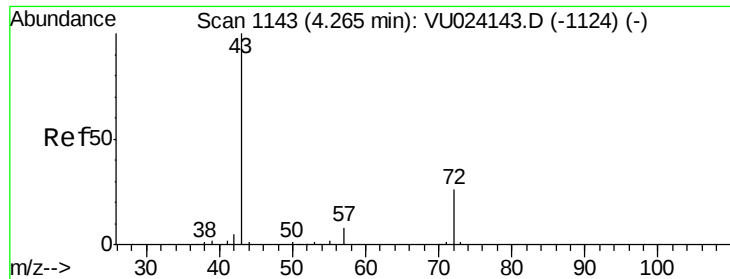


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

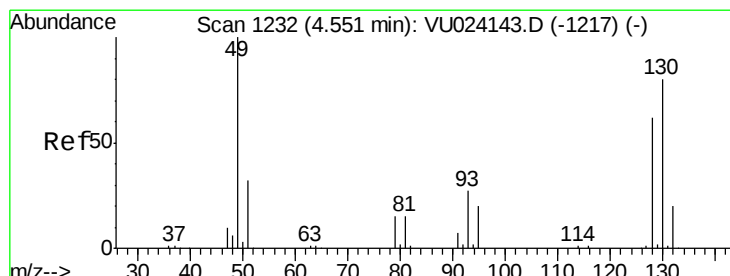
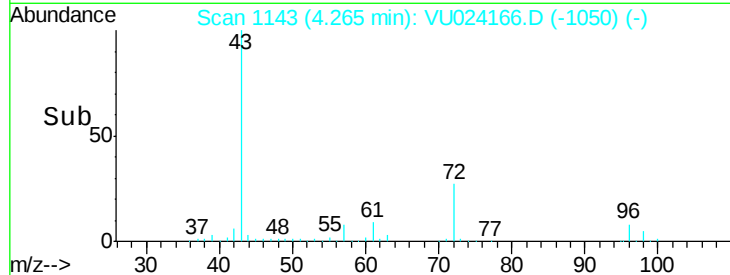
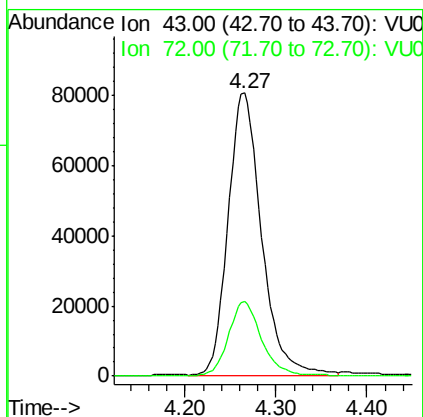
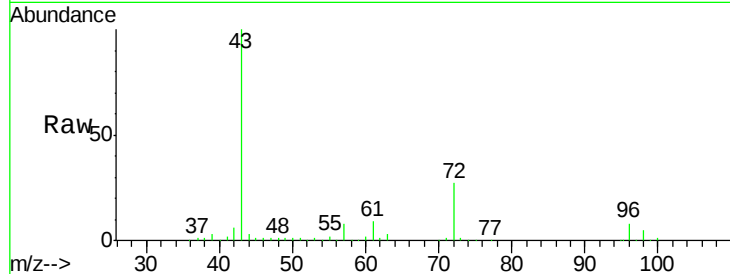
Ion 68.00 (67.70 to 68.70): VU0





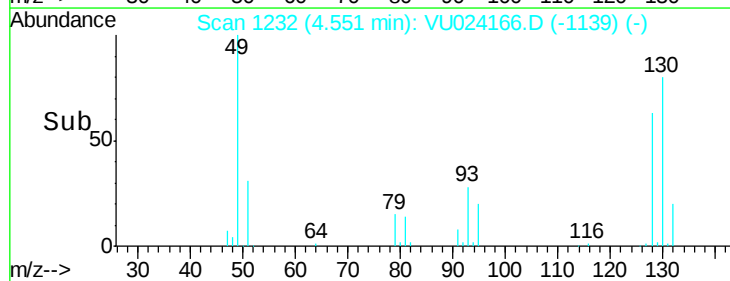
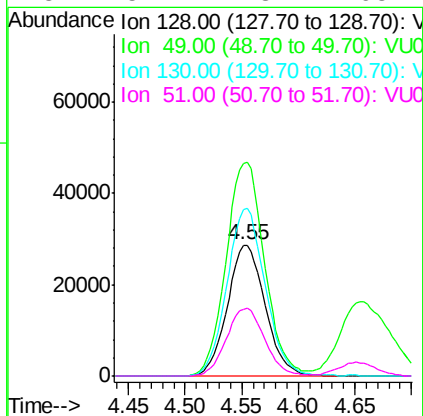
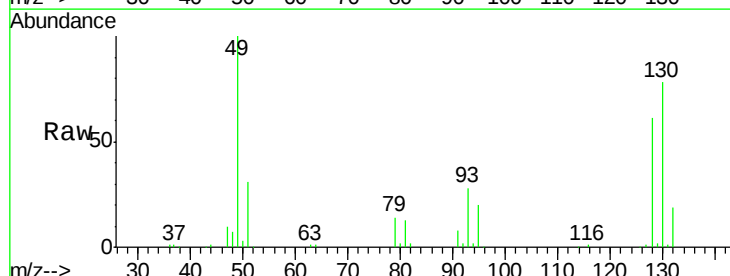
#22
 2-Butanone
 Concen: 94.56 ug/L
 RT: 4.27 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VU024166.D
 Acq: 26 May 2018 23:53

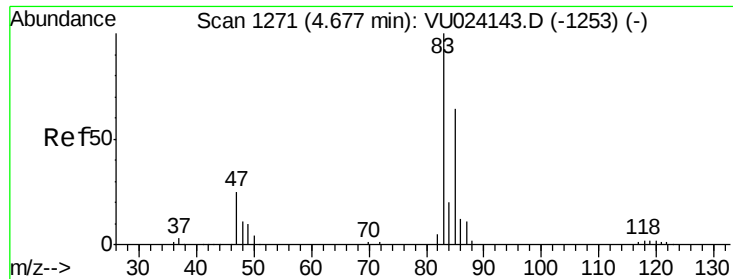
Tgt Ion: 43 Resp: 205148
 Ion Ratio Lower Upper
 43 100
 72 26.3 13.4 40.1



#23
 Bromochloromethane
 Concen: 50.79 ug/L
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU024166.D
 Acq: 26 May 2018 23:53

Tgt Ion: 128 Resp: 66740
 Ion Ratio Lower Upper
 128 100
 49 162.8 118.2 219.6
 130 127.5 88.4 164.2
 51 51.2 43.4 65.2





#25

Chloroform

Concen: 49.34 ug/L

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU024166.D

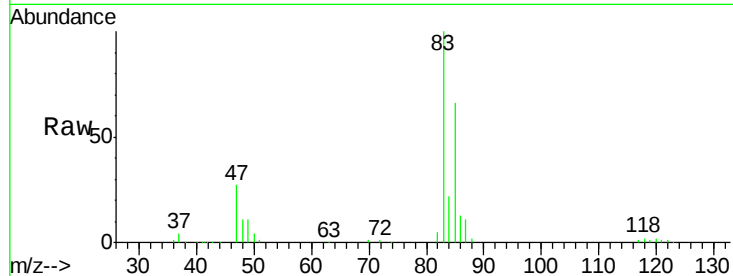
Acq: 26 May 2018 23:53

Tgt Ion: 83 Resp: 220605

Ion Ratio Lower Upper

83 100

85 65.9 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

100000

80000

60000

40000

20000

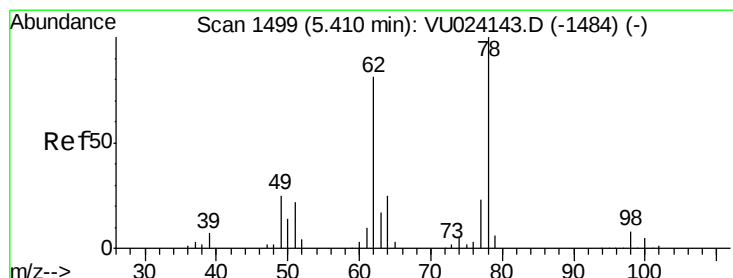
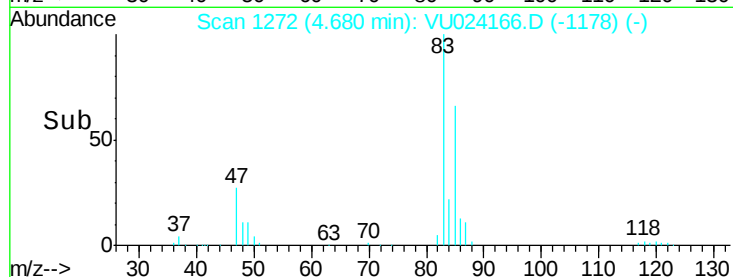
0

4.60

4.70

4.80

Time-->



#27

1,2-Dichloroethane

Concen: 49.30 ug/L

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU024166.D

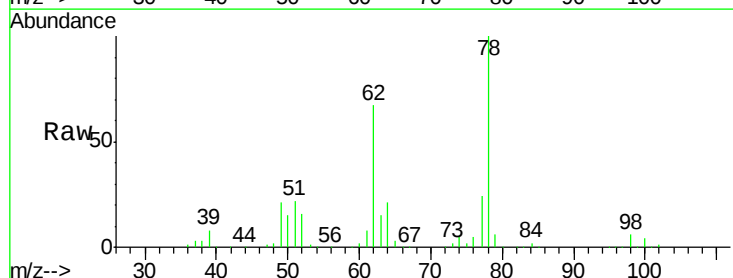
Acq: 26 May 2018 23:53

Tgt Ion: 62 Resp: 175019

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

80000

60000

40000

20000

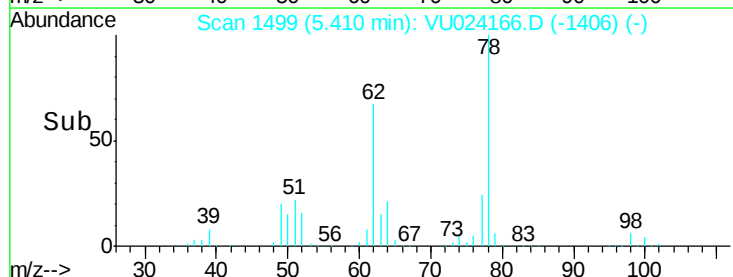
0

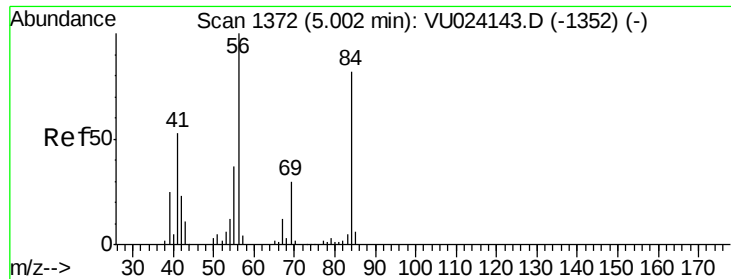
5.30

5.40

5.50

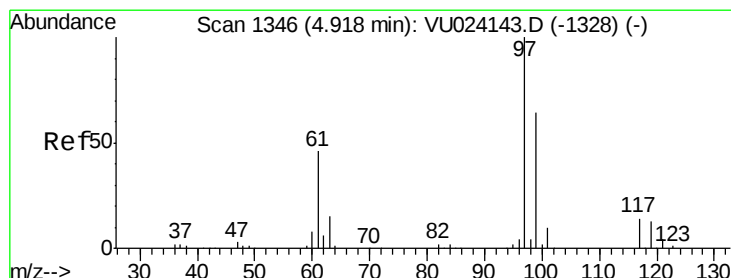
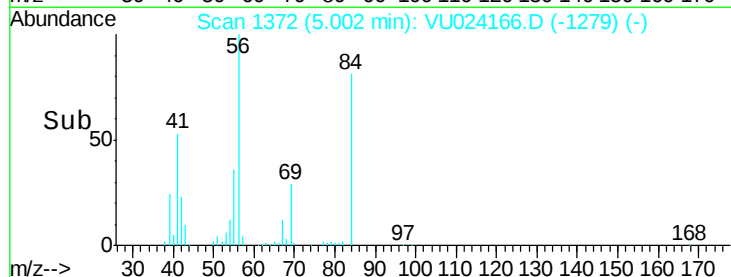
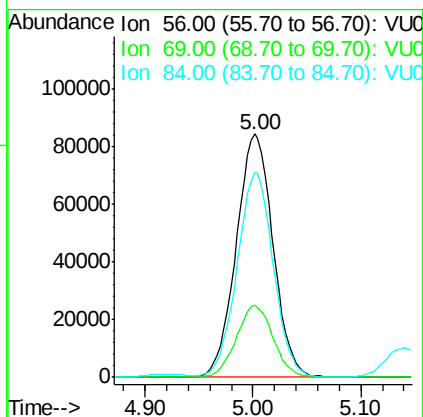
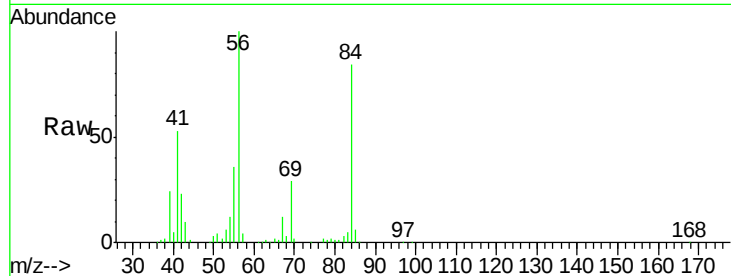
Time-->





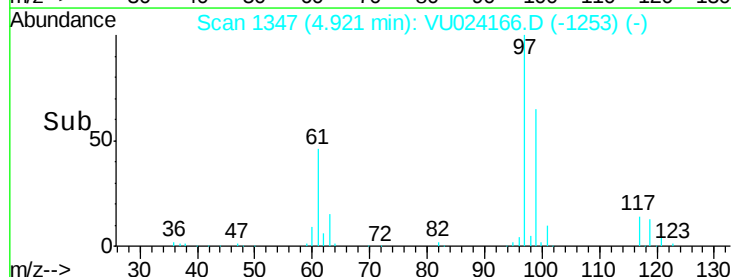
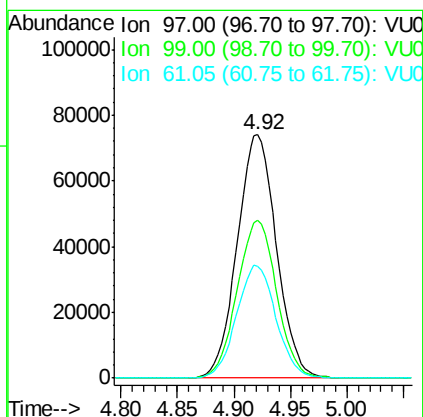
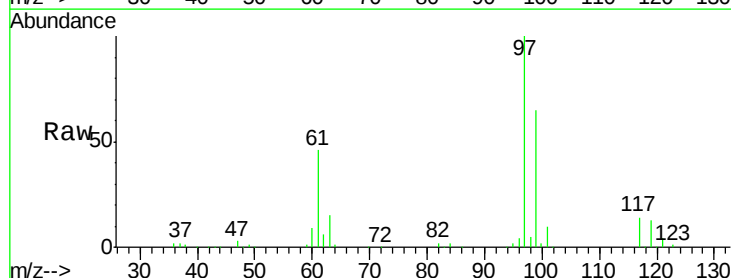
#29
Cyclohexane
Concen: 51.64 ug/L
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024166.D
Acq: 26 May 2018 23:53

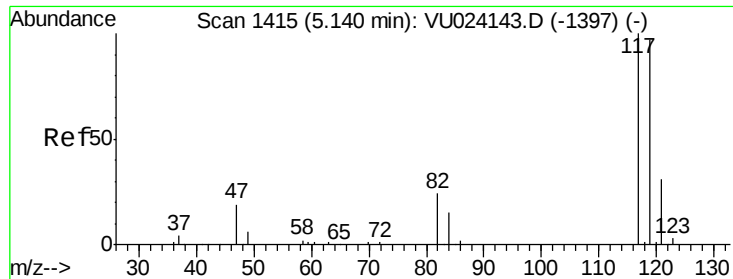
Tgt Ion: 56 Resp: 199915
Ion Ratio Lower Upper
56 100
69 29.7 23.9 35.9
84 82.4 66.0 99.0



#30
1,1,1-Trichloroethane
Concen: 51.16 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024166.D
Acq: 26 May 2018 23:53

Tgt Ion: 97 Resp: 179229
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.8
61 46.4 39.0 58.6





#31

Carbon tetrachloride

Concen: 51.12 ug/L

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU024166.D

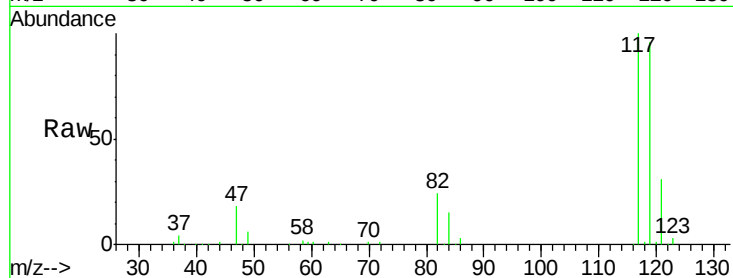
Acq: 26 May 2018 23:53

Tgt Ion: 117 Resp: 156827

Ion Ratio Lower Upper

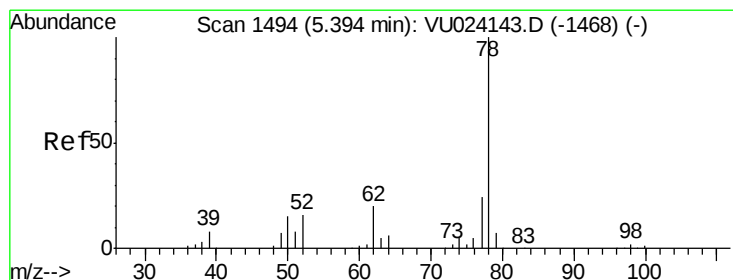
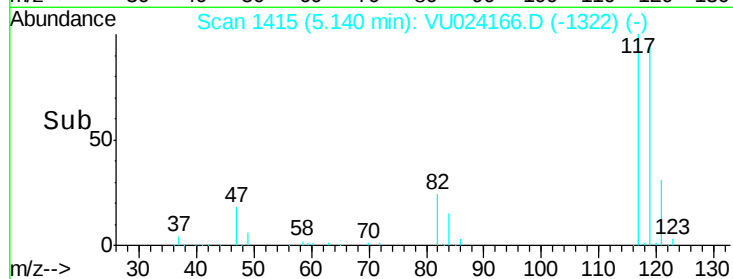
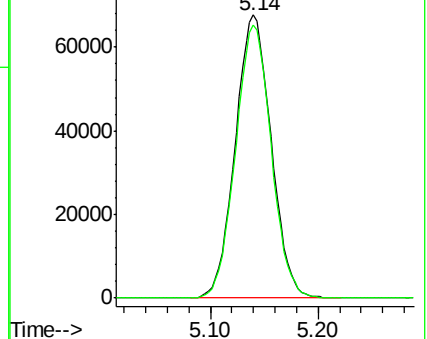
117 100

119 95.9 76.2 114.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 50.91 ug/L

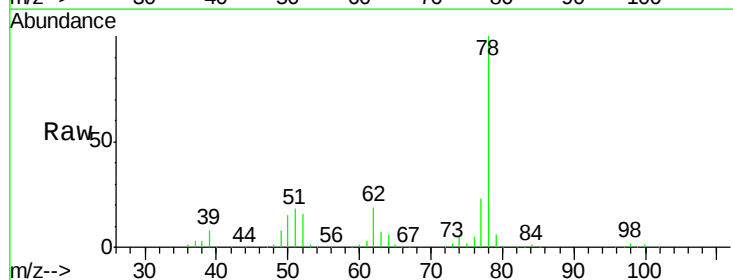
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

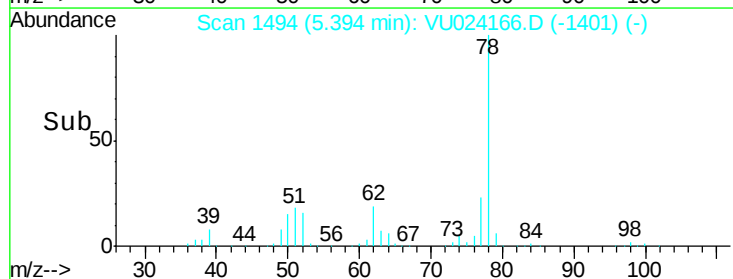
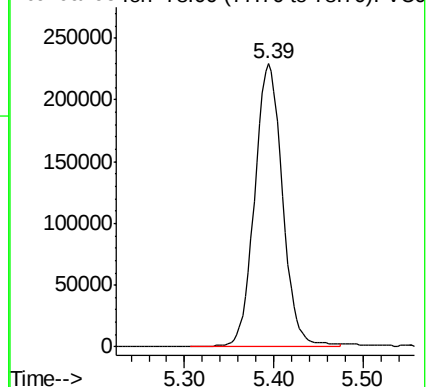
Lab File: VU024166.D

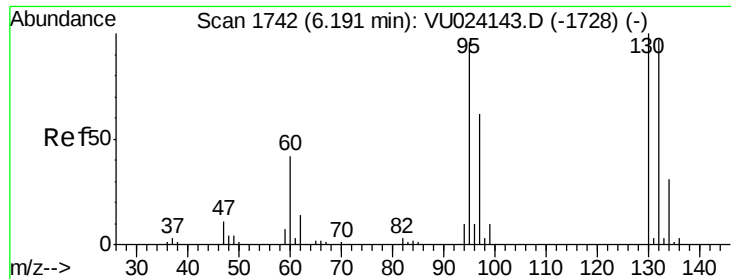
Acq: 26 May 2018 23:53

Tgt Ion: 78 Resp: 499782



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 42.73 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

Tgt Ion: 95 Resp: 117840

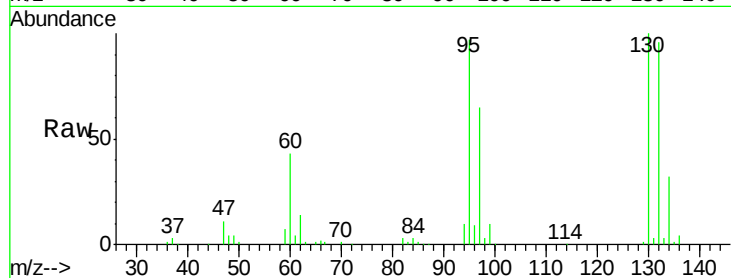
Ion Ratio Lower Upper

95 100

97 67.1 44.5 82.7

132 98.8 69.0 128.2

130 103.2 70.6 131.0

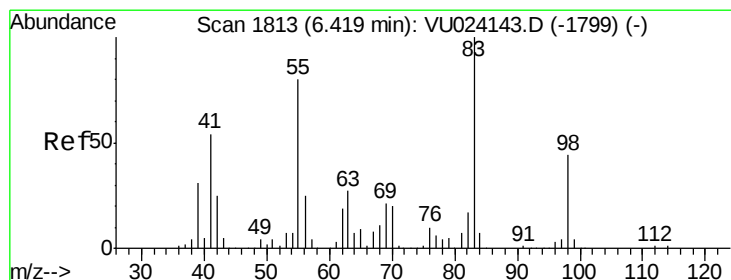
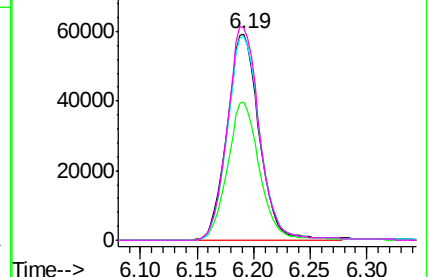
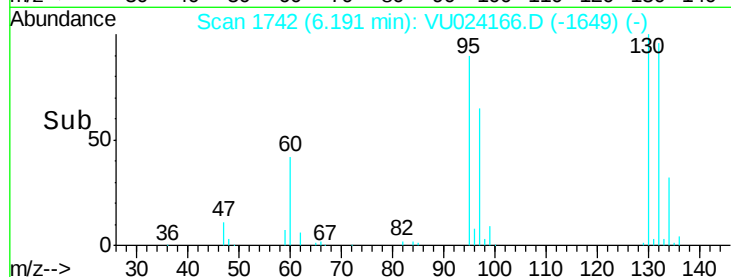


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 49.59 ug/L

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

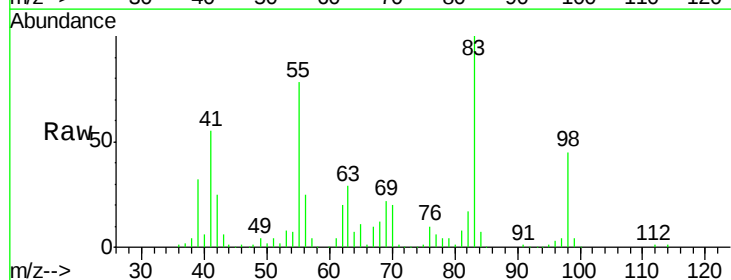
Tgt Ion: 83 Resp: 189241

Ion Ratio Lower Upper

83 100

55 79.3 64.1 96.1

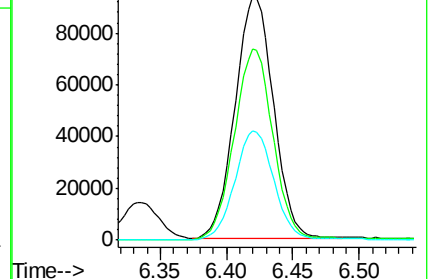
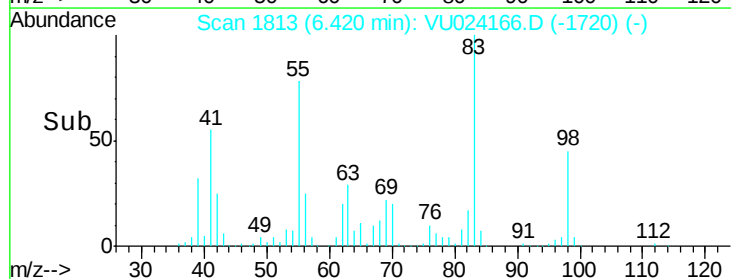
98 45.7 35.8 53.8

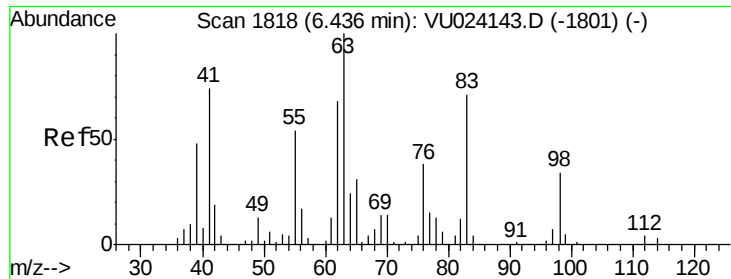


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

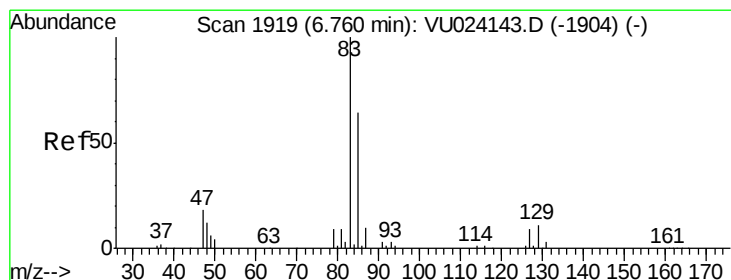
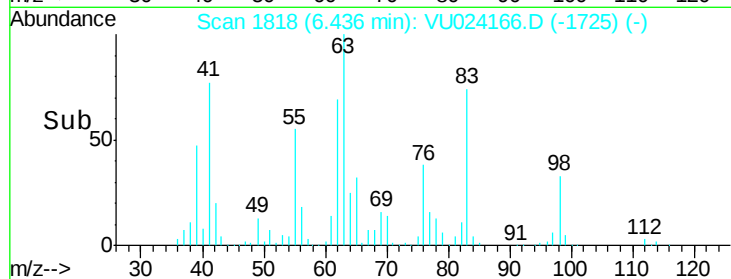
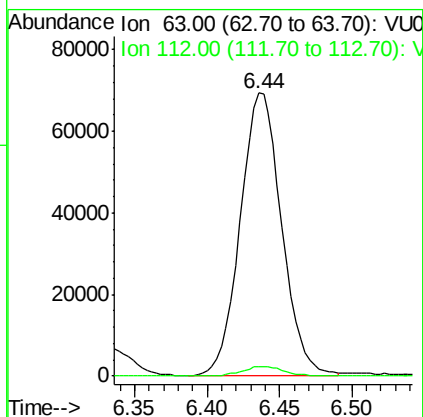
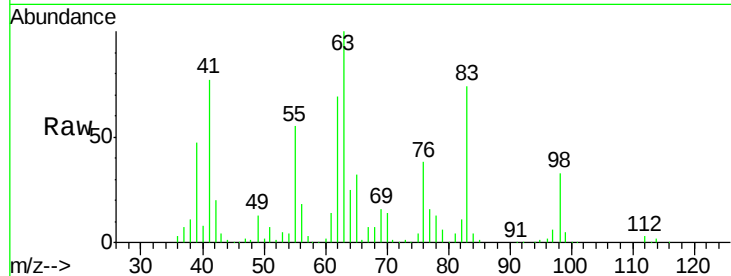
Ion 98.00 (97.70 to 98.70): VU0





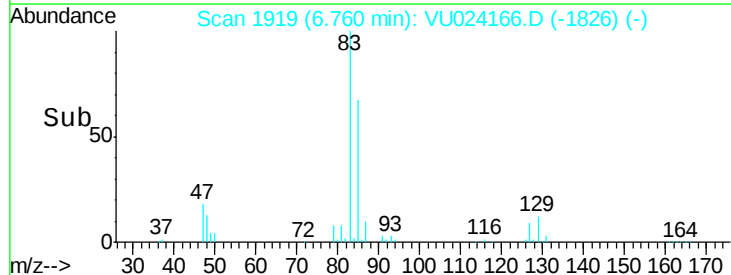
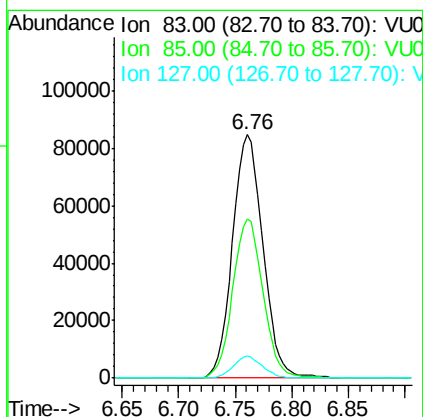
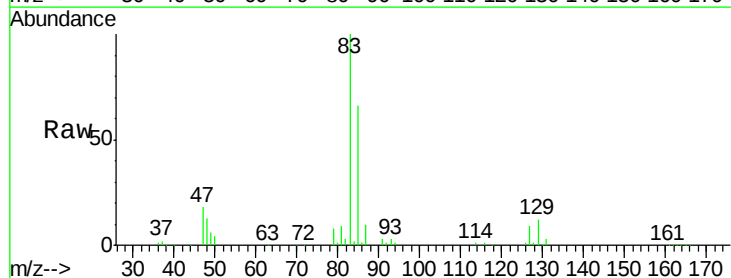
#37
 1,2-Dichloropropane
 Concen: 49.52 ug/L
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU024166.D
 Acq: 26 May 2018 23:53

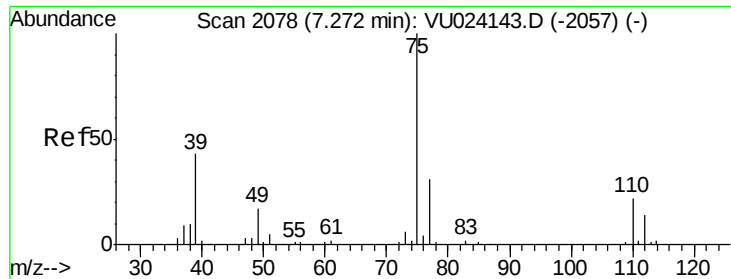
Tgt Ion: 63 Resp: 136327
 Ion Ratio Lower Upper
 63 100
 112 3.6 2.9 4.3



#38
 Bromodichloromethane
 Concen: 49.21 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: VU024166.D
 Acq: 26 May 2018 23:53

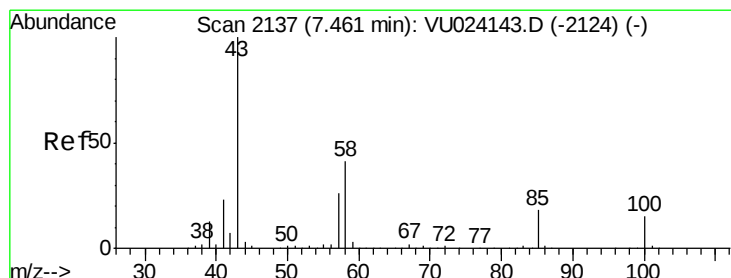
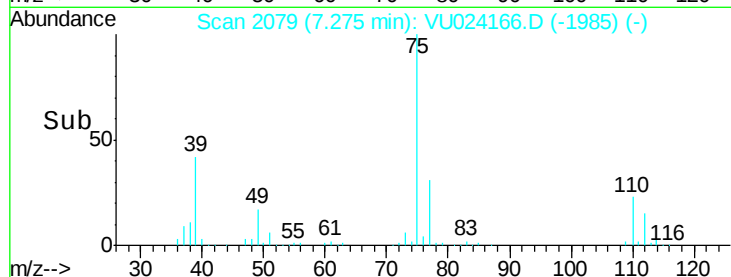
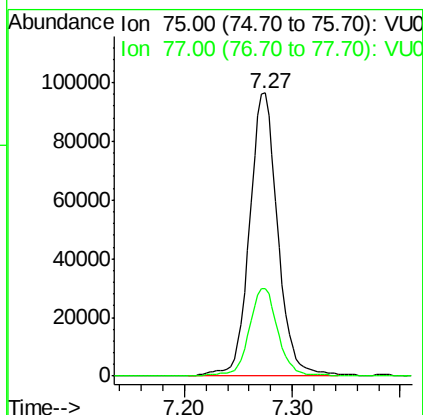
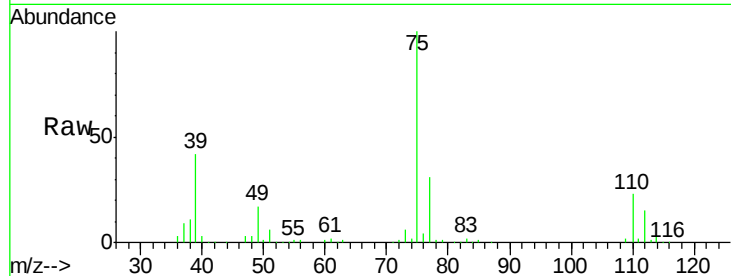
Tgt Ion: 83 Resp: 159220
 Ion Ratio Lower Upper
 83 100
 85 65.6 44.6 82.8
 127 9.0 6.8 10.2





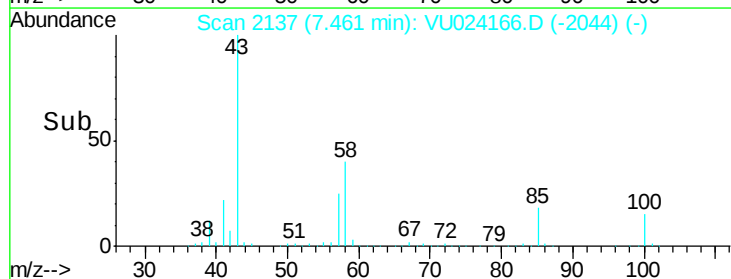
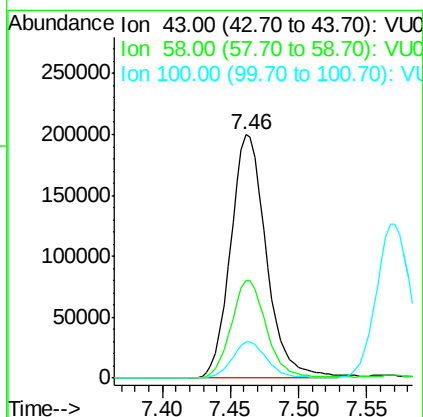
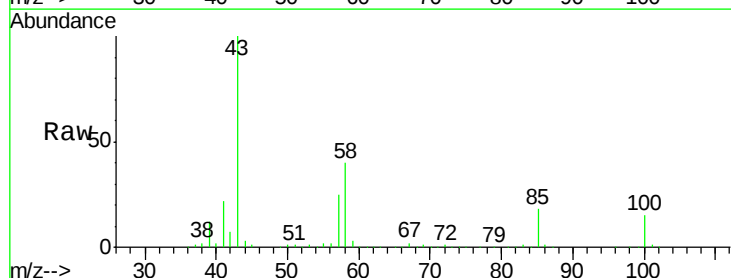
#39
 cis-1,3-Dichloropropene
 Concen: 48.23 ug/L
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU024166.D
 Acq: 26 May 2018 23:53

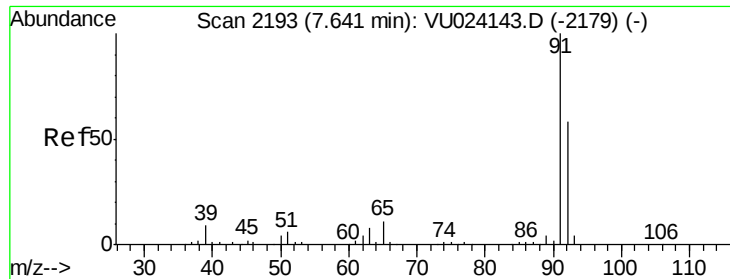
Tgt Ion: 75 Resp: 175310
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 97.41 ug/L
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024166.D
 Acq: 26 May 2018 23:53

Tgt Ion: 43 Resp: 363618
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.6 47.4
 100 14.7 11.5 17.3





#42

Toluene

Concen: 52.11 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024166.D

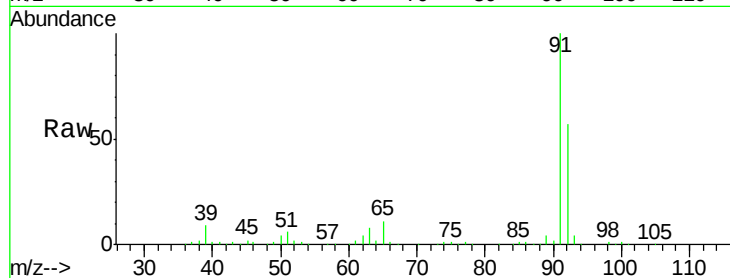
Acq: 26 May 2018 23:53

Tgt Ion: 91 Resp: 519422

Ion Ratio Lower Upper

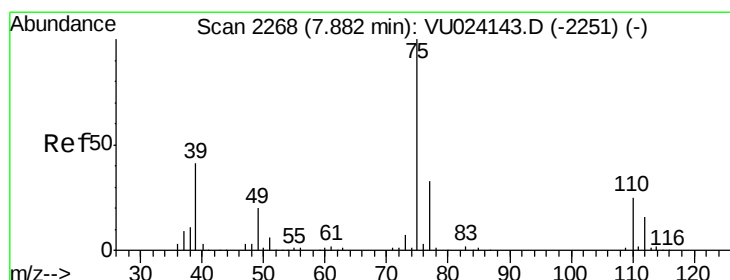
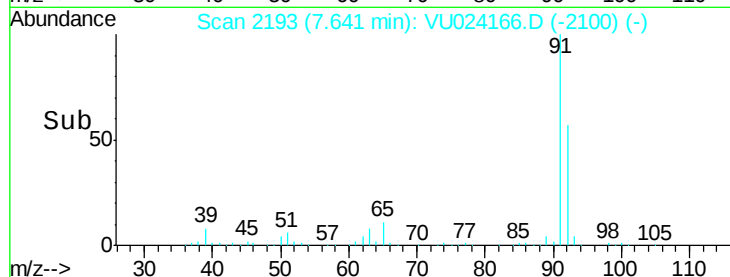
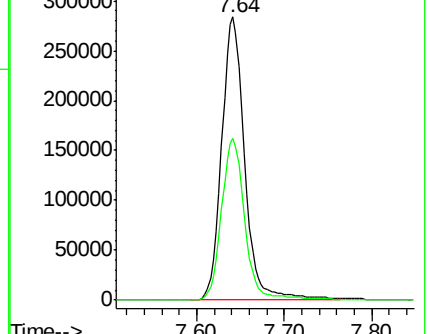
91 100

92 57.1 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 47.66 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024166.D

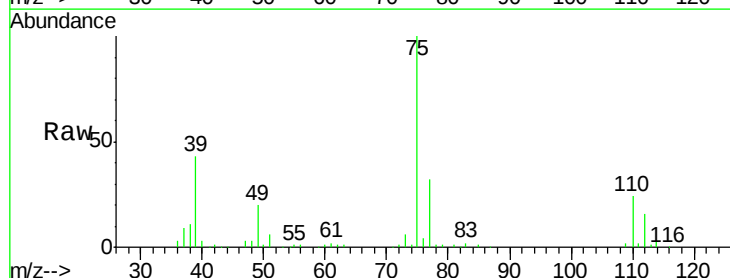
Acq: 26 May 2018 23:53

Tgt Ion: 75 Resp: 154283

Ion Ratio Lower Upper

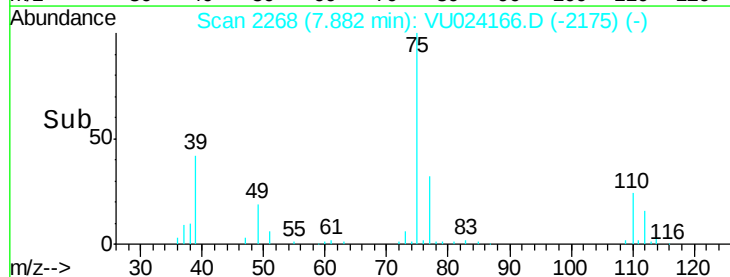
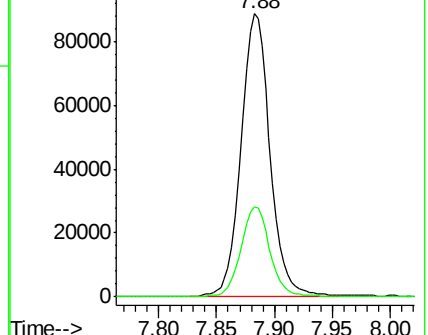
75 100

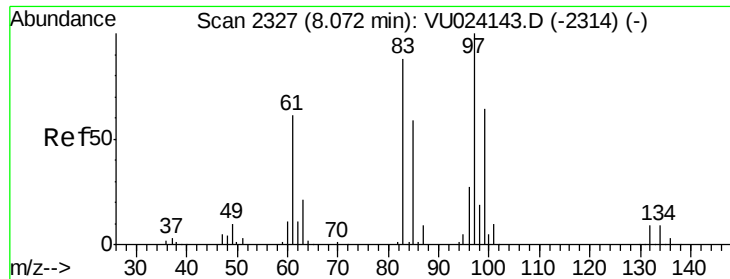
77 32.0 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#45

1,1,2-Trichloroethane

Concen: 50.86 ug/L

RT: 8.07 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

Tgt Ion: 97 Resp: 124504

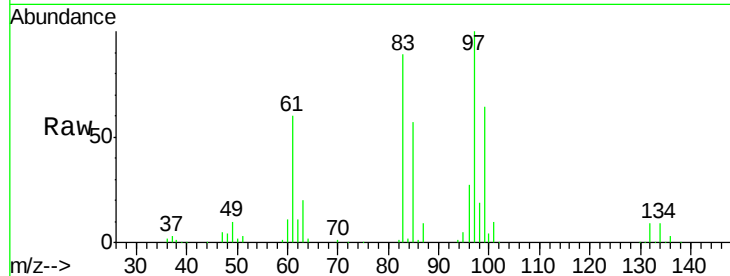
Ion Ratio Lower Upper

97 100

99 63.9 43.5 80.9

83 88.5 61.9 114.9

85 56.5 40.7 75.7

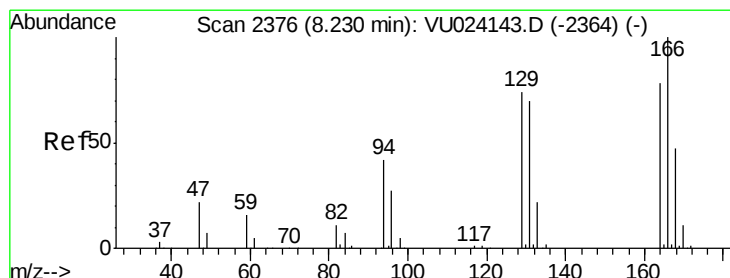
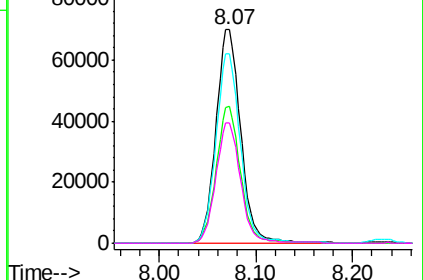
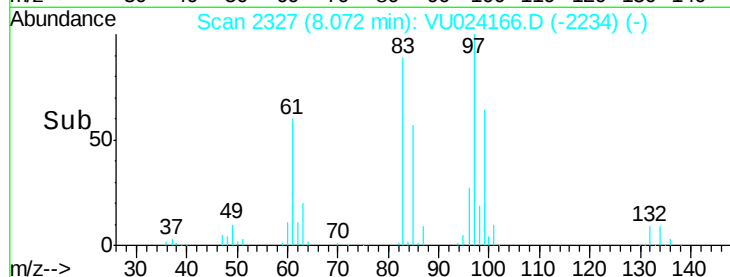


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

Tetrachloroethene

Concen: 49.80 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

Tgt Ion: 164 Resp: 96065

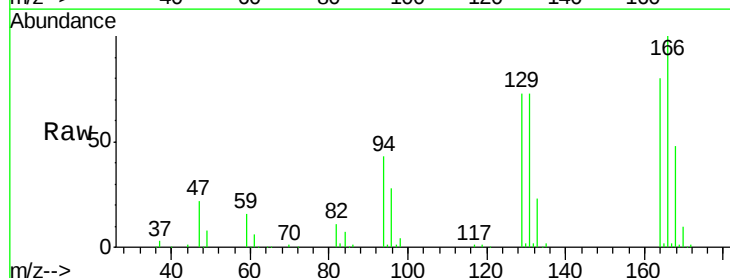
Ion Ratio Lower Upper

164 100

129 91.9 66.6 123.6

131 91.3 64.5 119.9

166 125.5 89.3 165.9

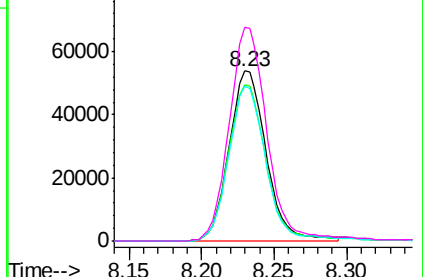
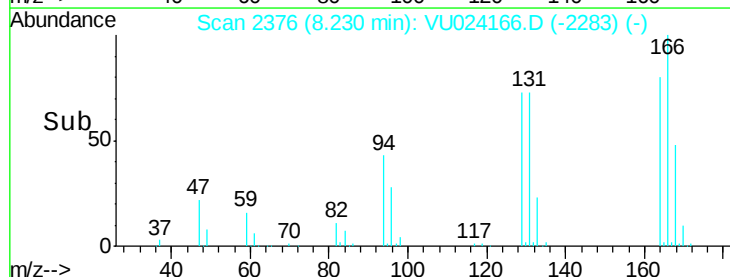


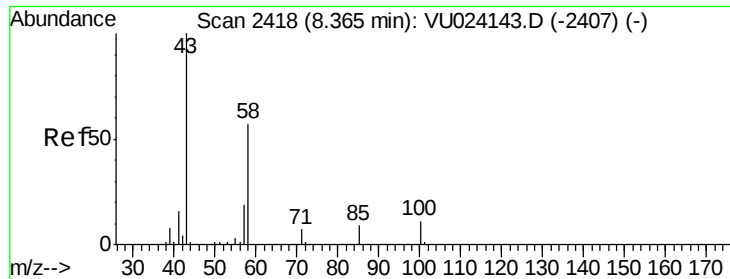
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

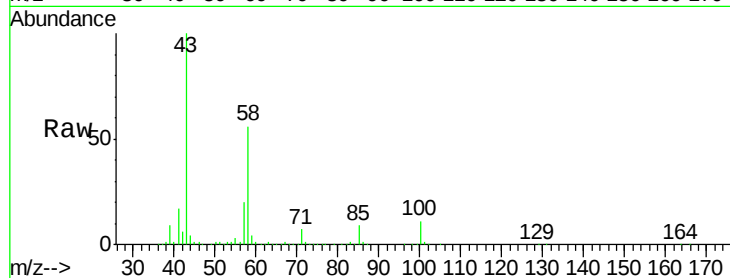
Ion 166.00 (165.70 to 166.70): V



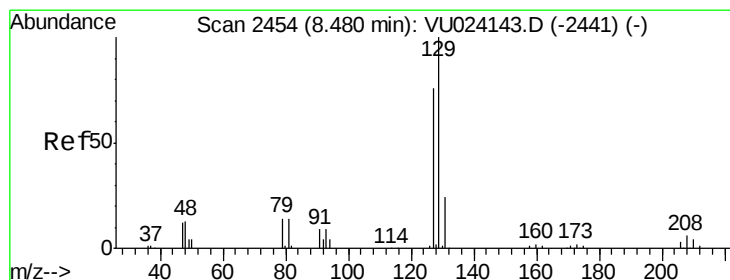
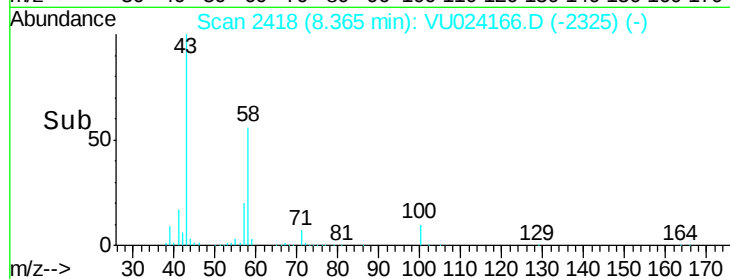
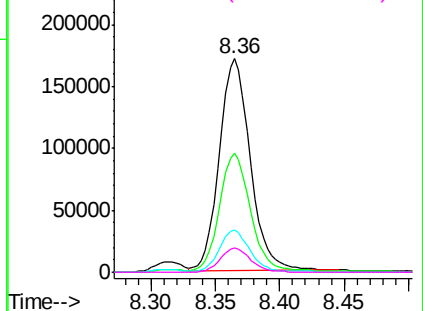


#48
2-Hexanone
Concen: 97.41 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024166.D
Acq: 26 May 2018 23:53

Tgt Ion:	43	Resp:	286863
Ion	Ratio	Lower	Upper
43	100		
58	56.4	44.6	67.0
57	19.4	15.3	22.9
100	11.3	8.9	13.3

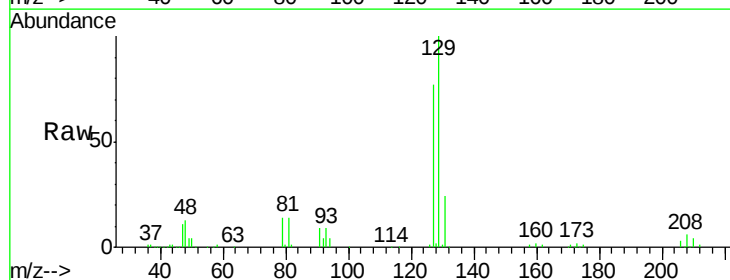


Abundance Ion 43.00 (42.70 to 43.70): VU024166.D (-2325) (-)
Ion 58.00 (57.70 to 58.70): VU024166.D (-2325) (-)
Ion 57.00 (56.70 to 57.70): VU024166.D (-2325) (-)
Ion 100.00 (99.70 to 100.70): VU024166.D (-2325) (-)

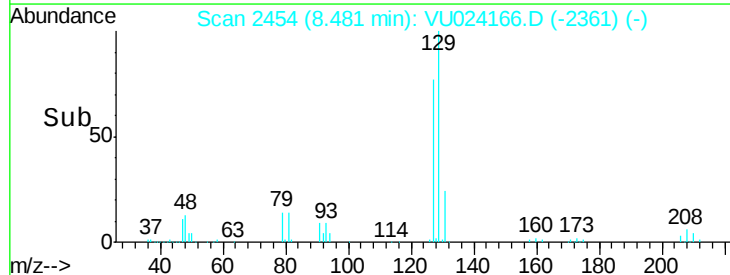
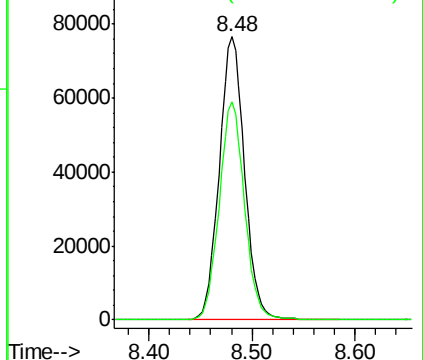


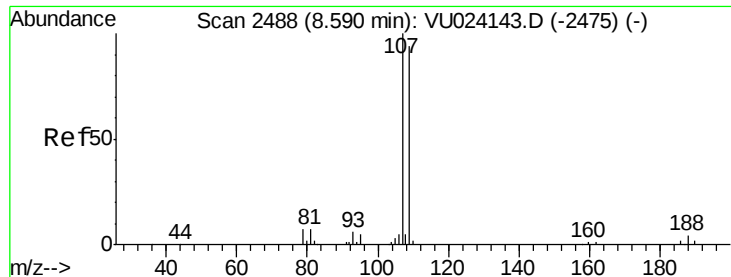
#49
Dibromochloromethane
Concen: 50.67 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024166.D
Acq: 26 May 2018 23:53

Tgt Ion:	129	Resp:	130470
Ion	Ratio	Lower	Upper
129	100		
127	77.0	54.2	100.6



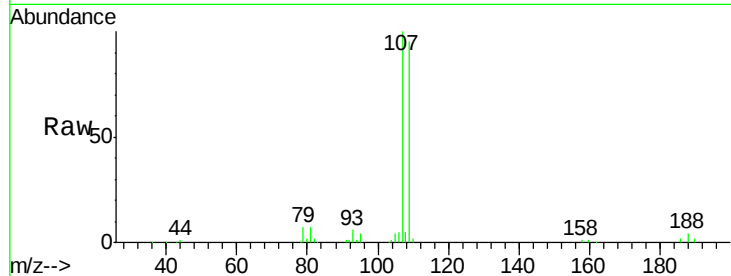
Abundance Ion 129.00 (128.70 to 129.70): VU024166.D (-2361) (-)
Ion 127.00 (126.70 to 127.70): VU024166.D (-2361) (-)



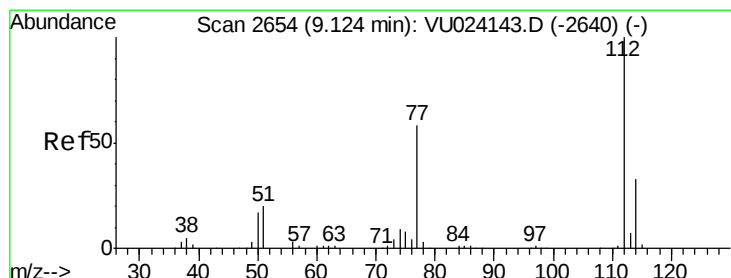
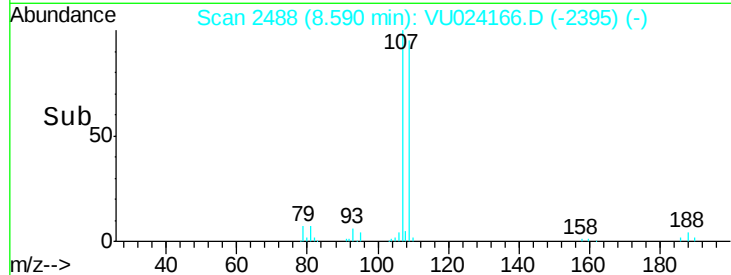
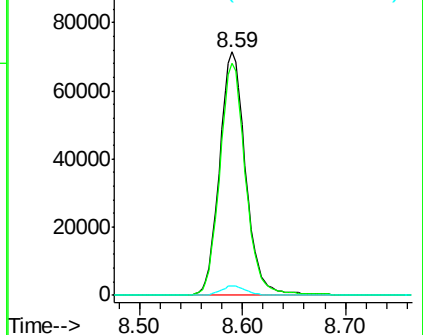


#50
1,2-Dibromoethane
Concen: 51.06 ug/L
RT: 8.59 min Scan# 2488
Delta R.T. 0.00 min
Lab File: VU024166.D
Acq: 26 May 2018 23:53

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.5	65.6	121.8
188	3.8	2.9	4.3

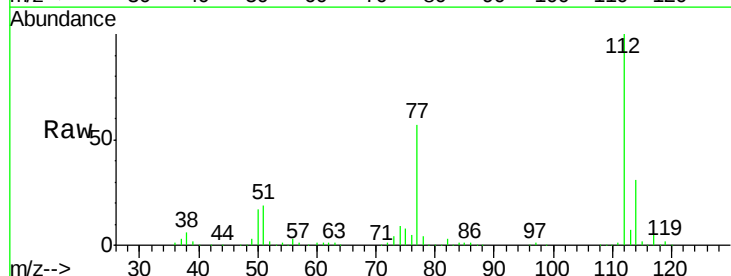


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

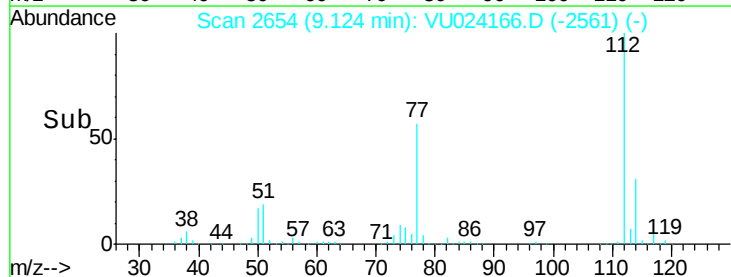
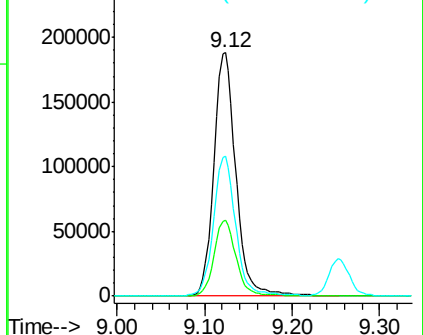


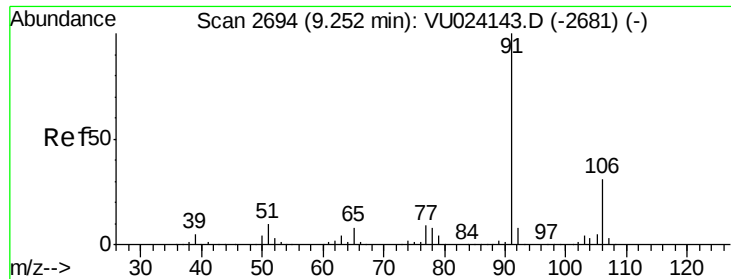
#51
Chlorobenzene
Concen: 50.78 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024166.D
Acq: 26 May 2018 23:53

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.5	41.9
77	57.3	47.3	70.9



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 51.79 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024166.D

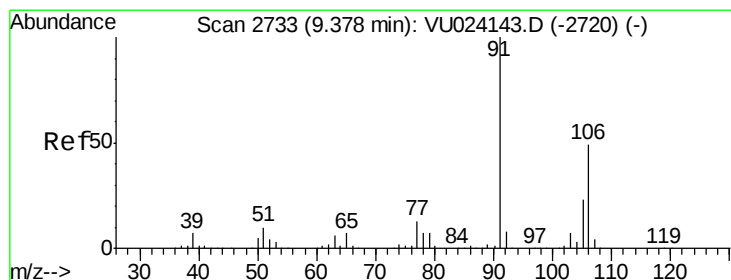
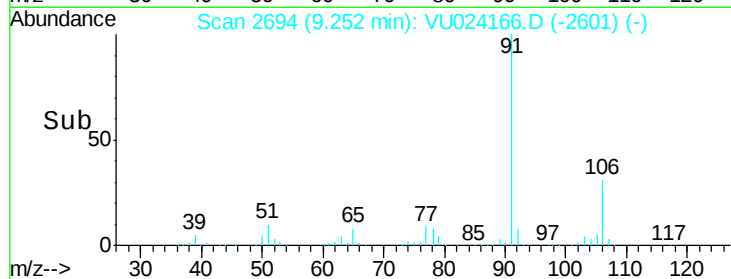
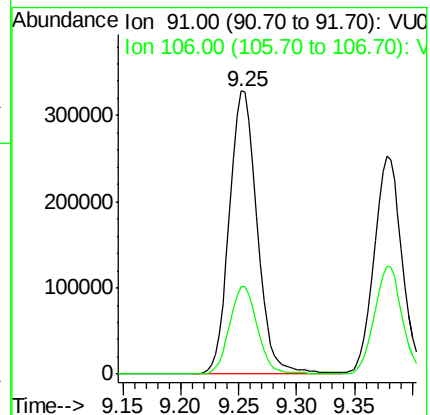
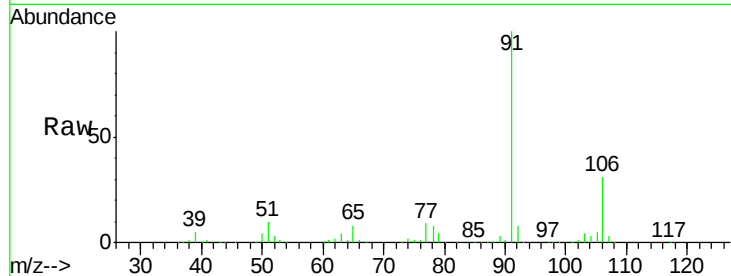
Acq: 26 May 2018 23:53

Tgt Ion: 91 Resp: 545619

Ion Ratio Lower Upper

91 100

106 30.7 22.0 41.0



#53

m,p-Xylene

Concen: 53.24 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024166.D

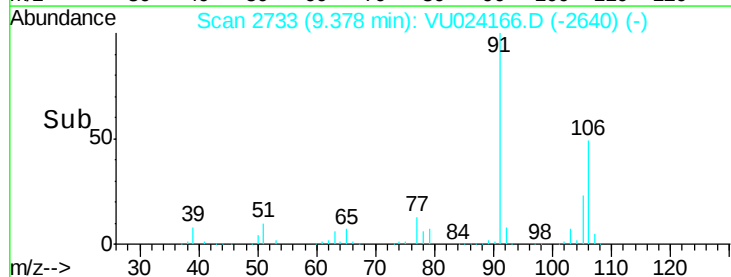
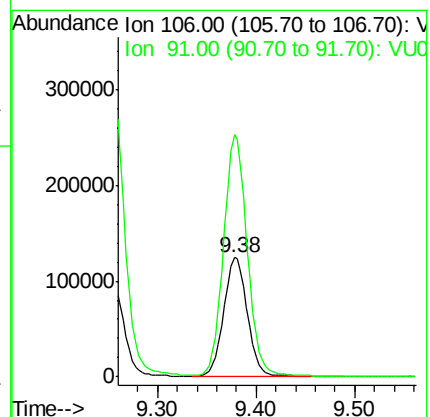
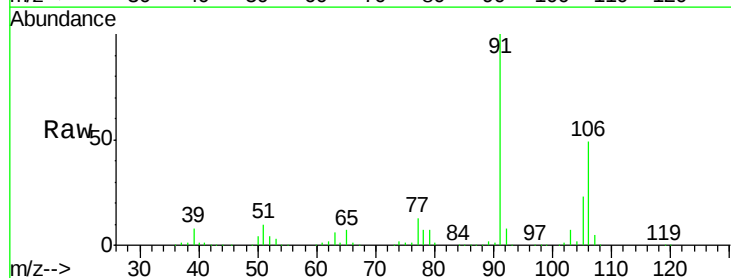
Acq: 26 May 2018 23:53

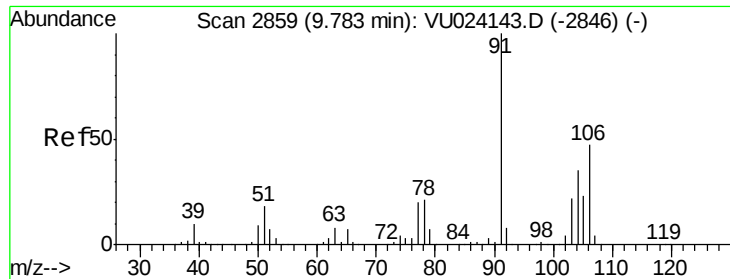
Tgt Ion: 106 Resp: 212490

Ion Ratio Lower Upper

106 100

91 202.4 141.9 263.5





#54

o-xylene

Concen: 52.13 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU024166.D

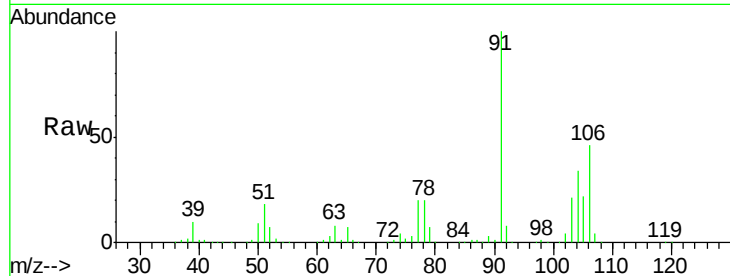
Acq: 26 May 2018 23:53

Tgt Ion:106 Resp: 208367

Ion Ratio Lower Upper

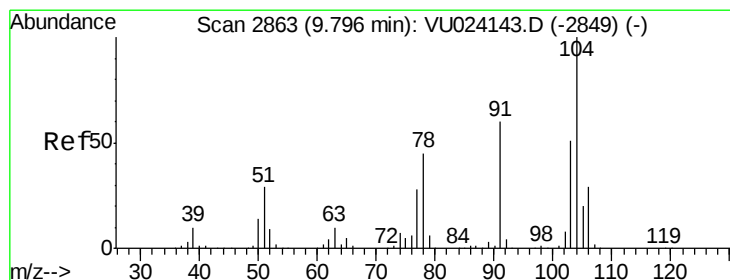
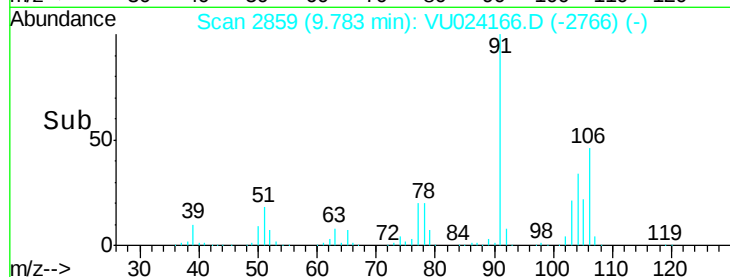
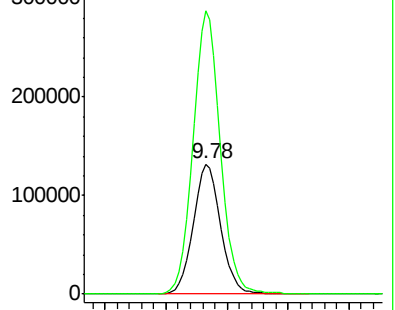
106 100

91 217.0 150.4 279.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 53.80 ug/L

RT: 9.80 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VU024166.D

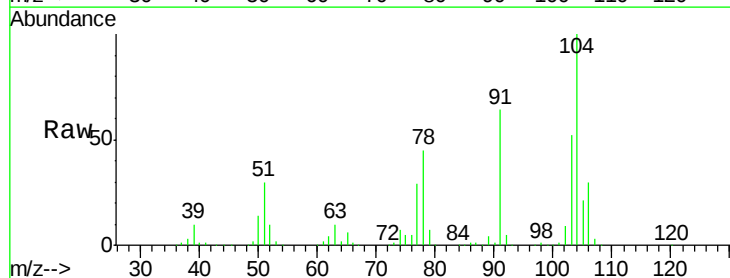
Acq: 26 May 2018 23:53

Tgt Ion:104 Resp: 355416

Ion Ratio Lower Upper

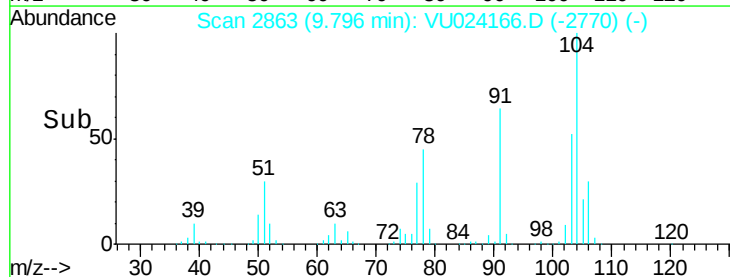
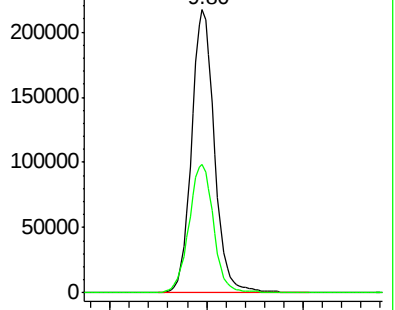
104 100

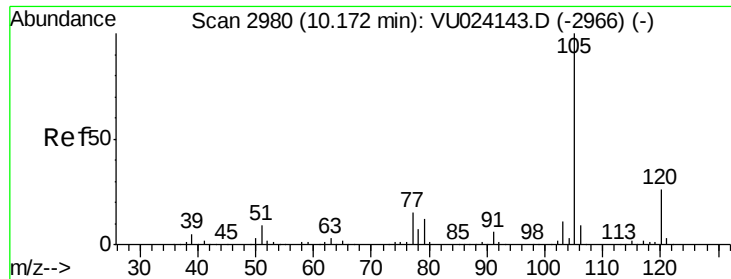
78 45.5 32.6 60.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 52.50 ug/L

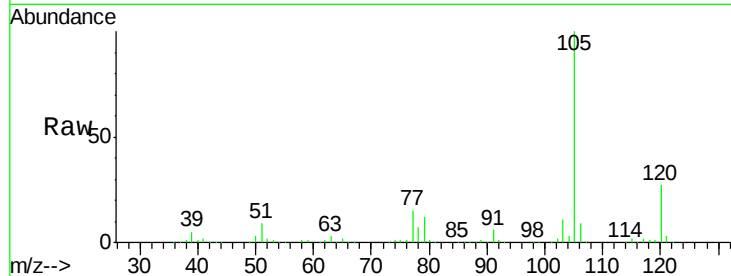
RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

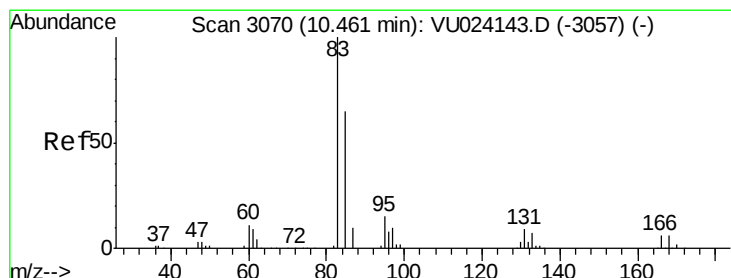
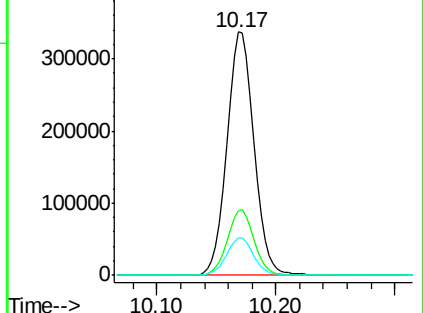
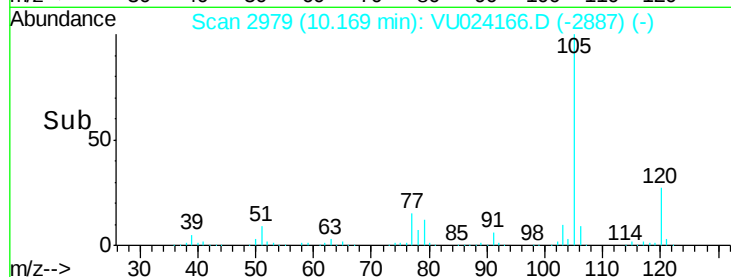
Tgt Ion:	105	Resp:	531208
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.4	32.0
77	15.5	12.5	18.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 48.27 ug/L

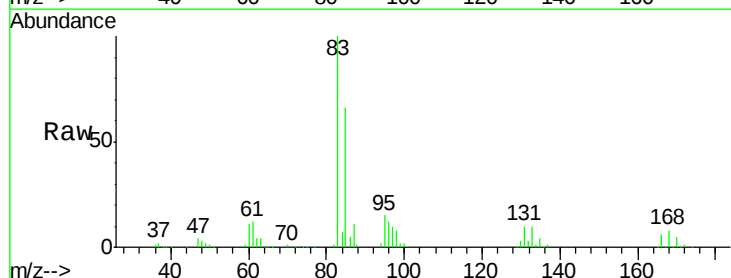
RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

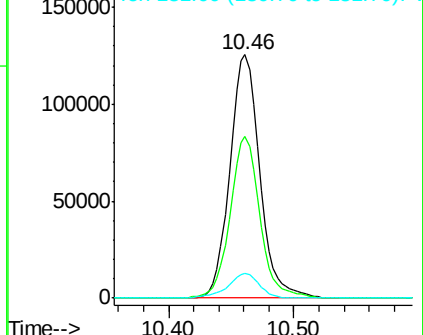
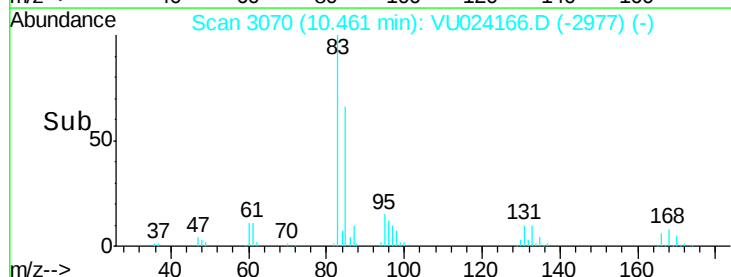
Tgt Ion:	83	Resp:	207835
Ion	Ratio	Lower	Upper
83	100		
85	66.4	45.3	84.1
131	10.0	7.6	11.4

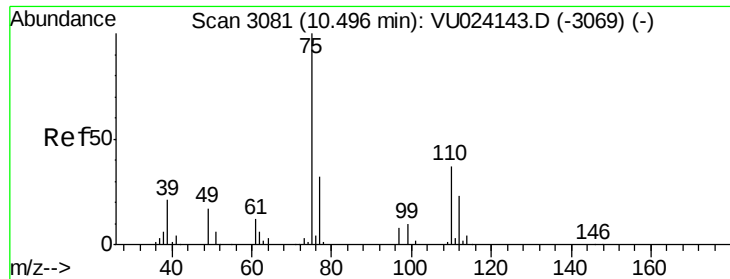


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 49.22 ug/L

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024166.D

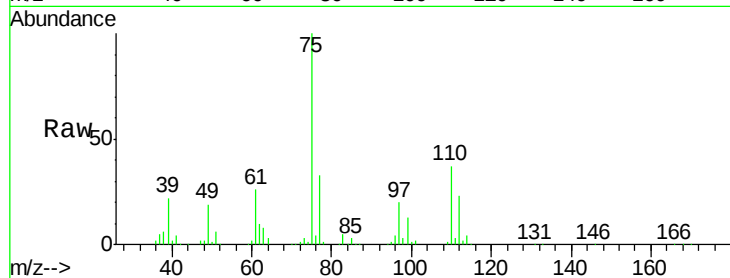
Acq: 26 May 2018 23:53

Tgt Ion: 75 Resp: 169614

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU024166.D (-2459) (-)

Ion 77.00 (76.70 to 77.70): VU024166.D (-2459) (-)

10.50

120000

100000

80000

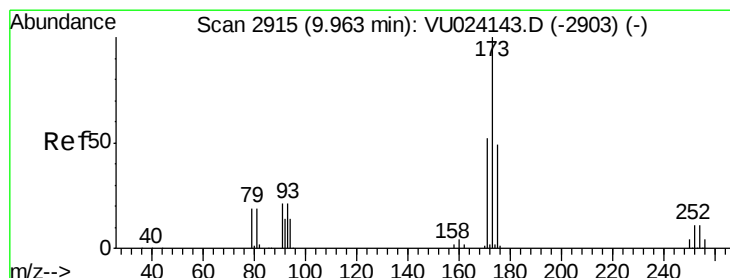
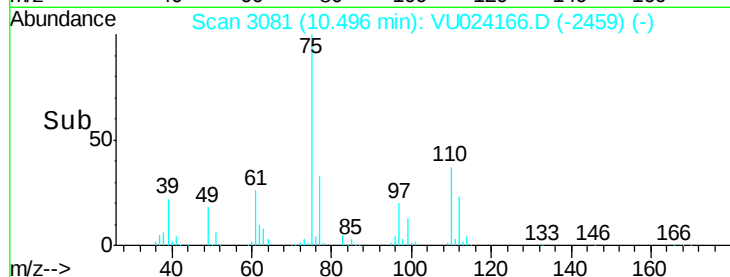
60000

40000

20000

0

Time-->



#61

Bromoform

Concen: 49.21 ug/L

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

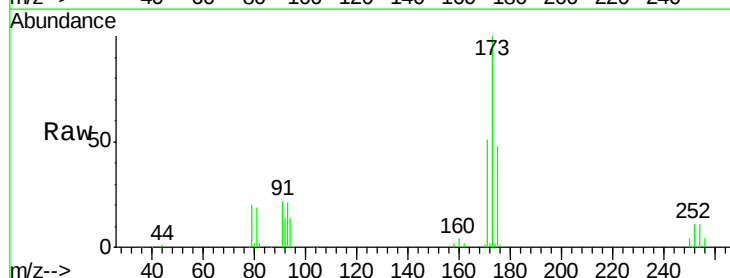
Tgt Ion: 173 Resp: 93627

Ion Ratio Lower Upper

173 100

175 47.7 38.5 57.7

254 10.9 8.7 13.1



Abundance Ion 173.00 (172.70 to 173.70): VU024166.D (-2822) (-)

Ion 175.00 (174.70 to 175.70): VU024166.D (-2822) (-)

Ion 254.00 (253.70 to 254.70): VU024166.D (-2822) (-)

9.96

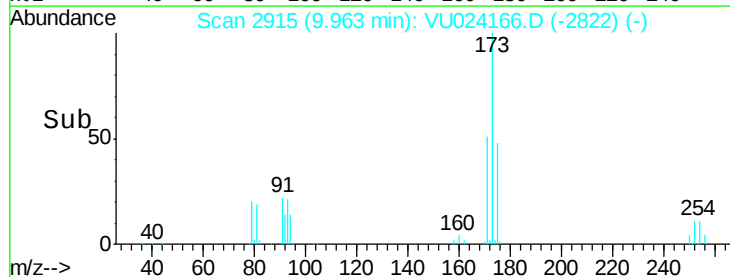
60000

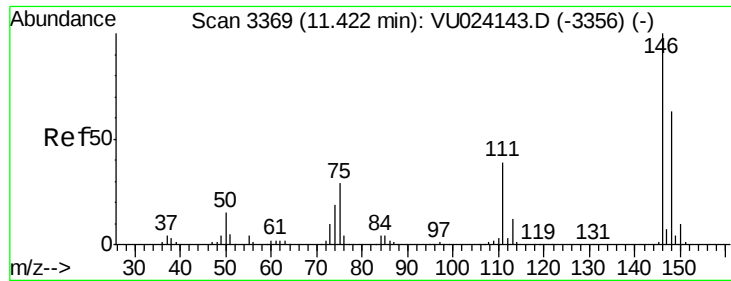
40000

20000

0

Time-->





#62

1,3-Dichlorobenzene

Concen: 50.52 ug/L

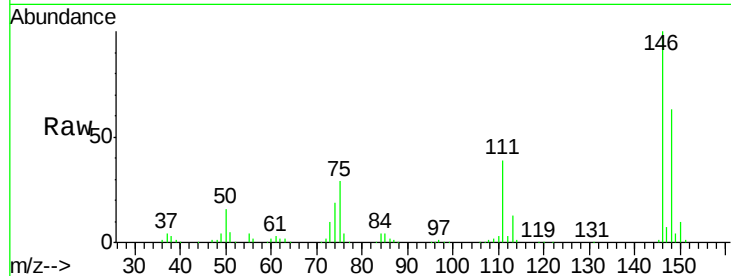
RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

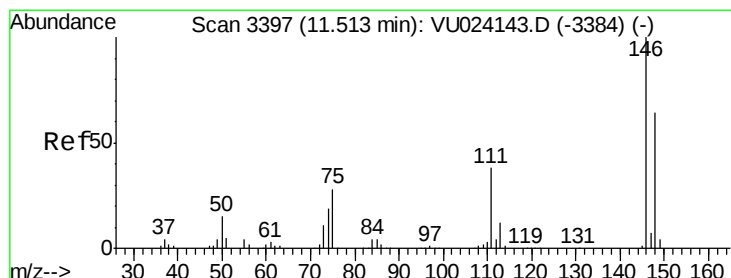
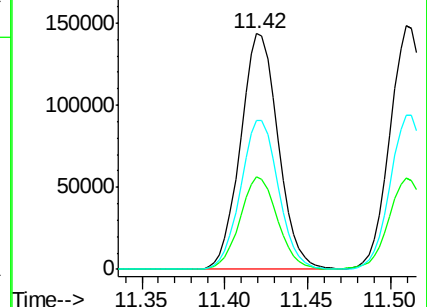
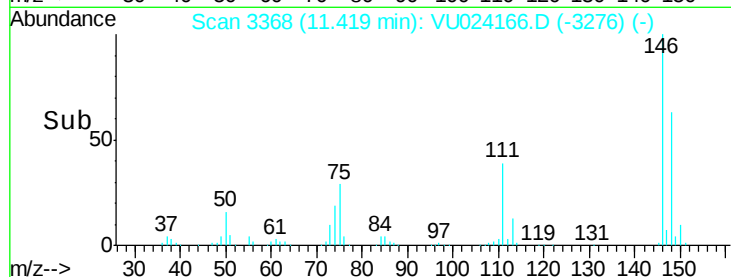
Lab File: VU024166.D

Acq: 26 May 2018 23:53

Tgt Ion:	146	Resp:	227706
Ion	Ratio	Lower	Upper
146	100		
111	39.1	27.6	51.4
148	63.2	44.2	82.2



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



#63

1,4-Dichlorobenzene

Concen: 50.30 ug/L

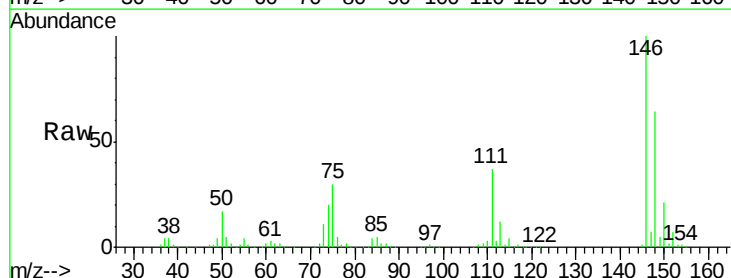
RT: 11.51 min Scan# 3396

Delta R.T. -0.00 min

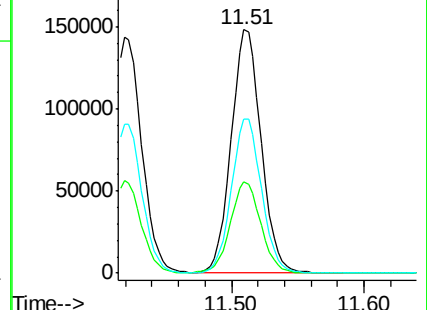
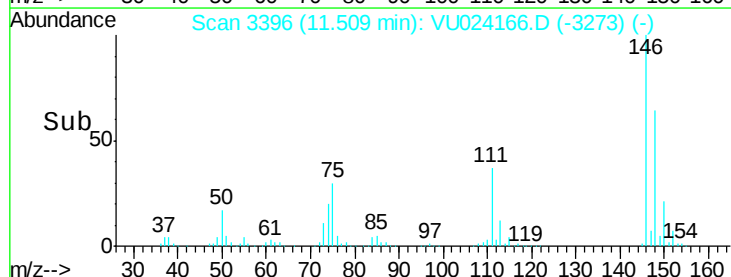
Lab File: VU024166.D

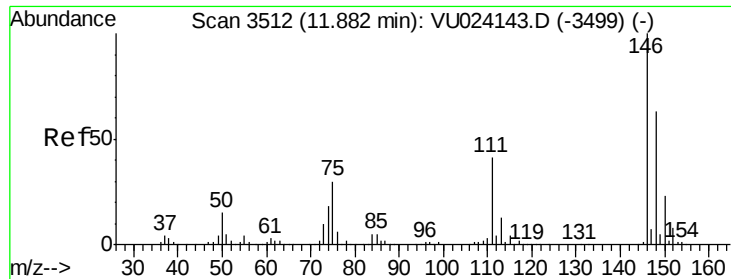
Acq: 26 May 2018 23:53

Tgt Ion:	146	Resp:	231972
Ion	Ratio	Lower	Upper
146	100		
111	37.4	26.9	49.9
148	63.5	45.4	84.2



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





#65

1,2-Dichlorobenzene

Concen: 51.30 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

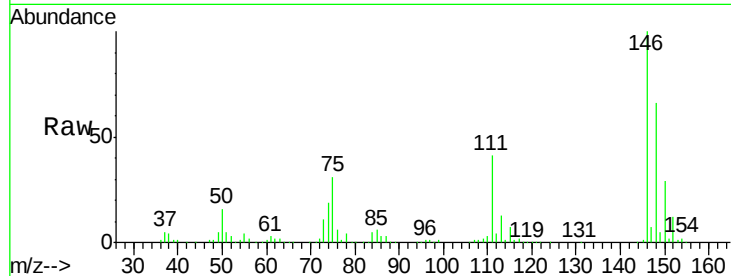
Tgt Ion: 146 Resp: 255464

Ion Ratio Lower Upper

146 100

111 41.0 33.0 49.6

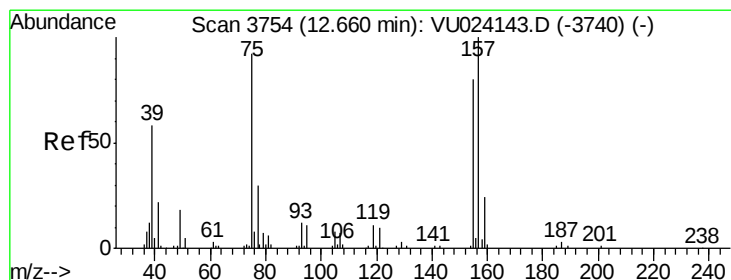
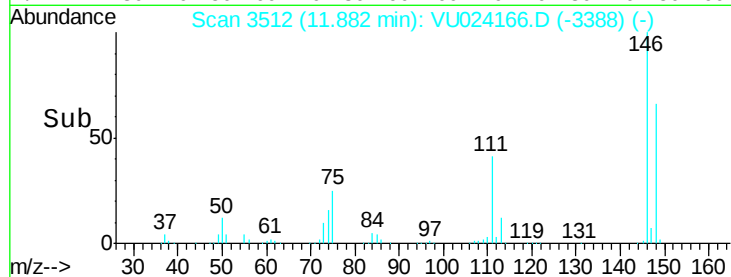
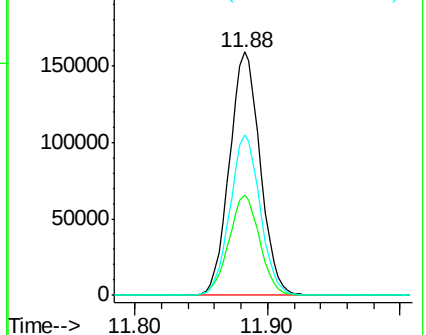
148 65.8 51.0 76.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 47.95 ug/L

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024166.D

Acq: 26 May 2018 23:53

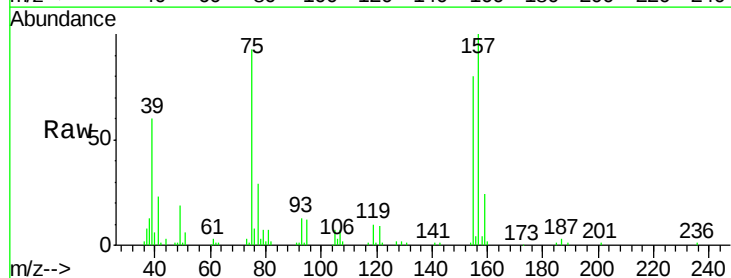
Tgt Ion: 75 Resp: 42461

Ion Ratio Lower Upper

75 100

155 86.0 66.8 100.2

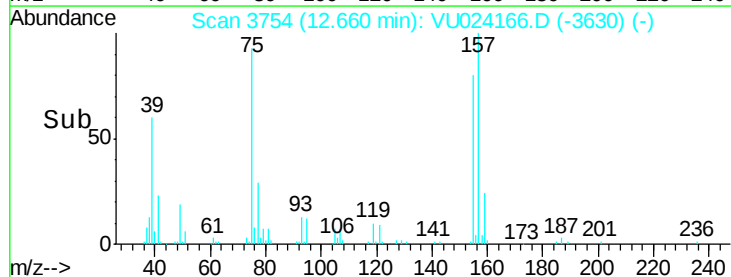
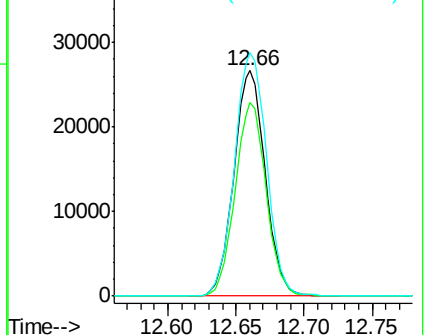
157 108.0 84.8 127.2

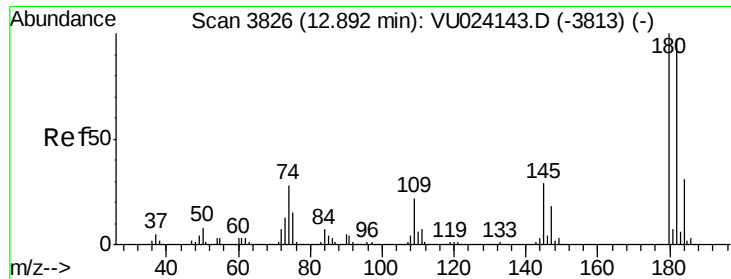


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

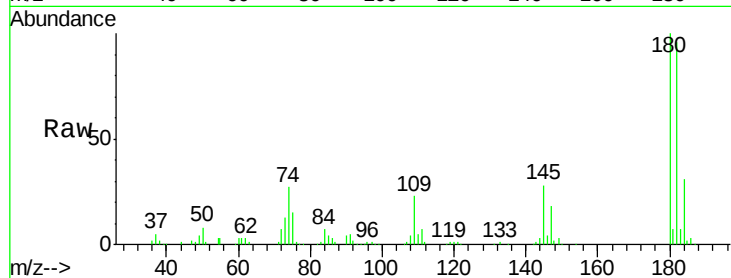
Ion 157.00 (156.70 to 157.70): V



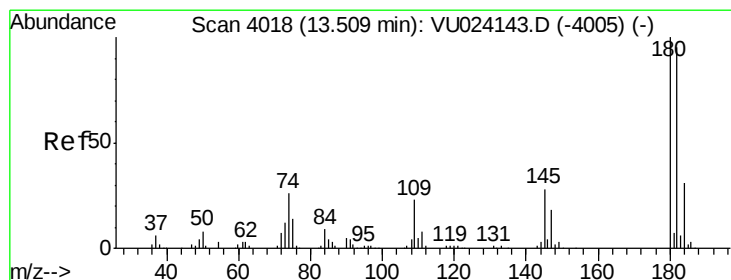
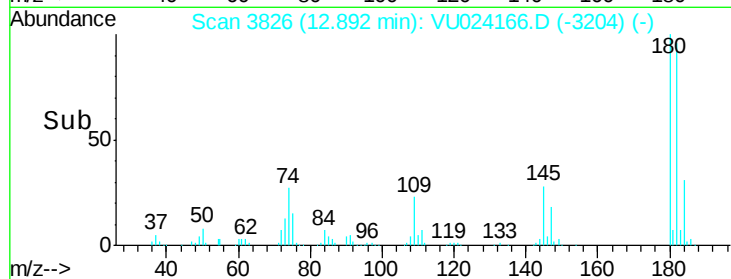
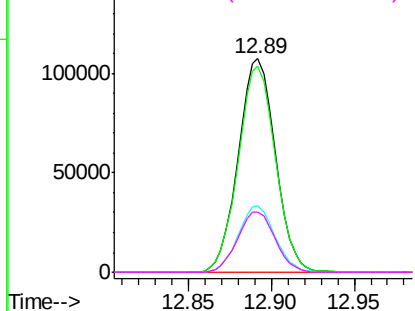


#67
 1,3,5-Trichlorobenzene
 Concen: 50.40 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. 0.00 min
 Lab File: VU024166.D
 Acq: 26 May 2018 23:53

Tgt Ion:	180	Resp:	167682
Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.8	113.6
184	30.8	24.6	36.8
145	28.4	23.4	35.0

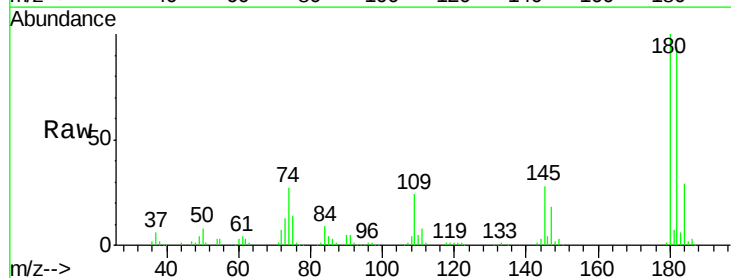


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

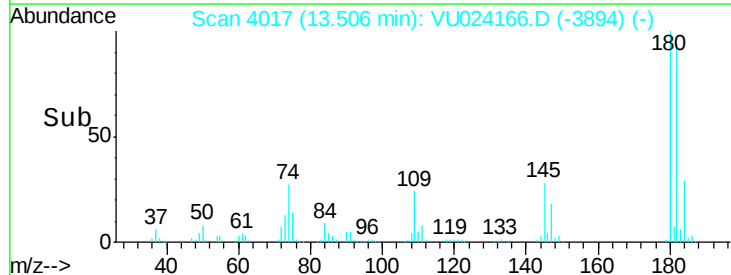
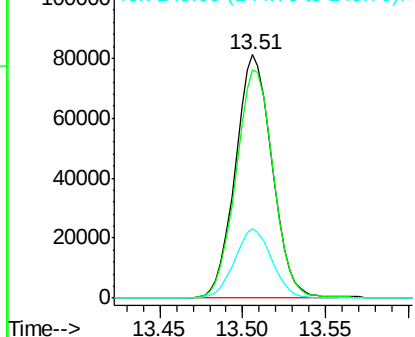


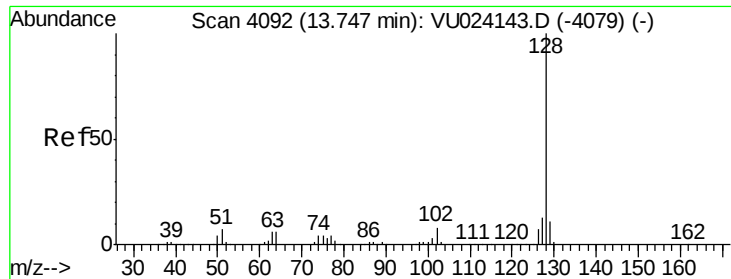
#68
 1,2,4-trichlorobenzene
 Concen: 52.16 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024166.D
 Acq: 26 May 2018 23:53

Tgt Ion:	180	Resp:	125266
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.8	115.2
145	28.7	23.4	35.0



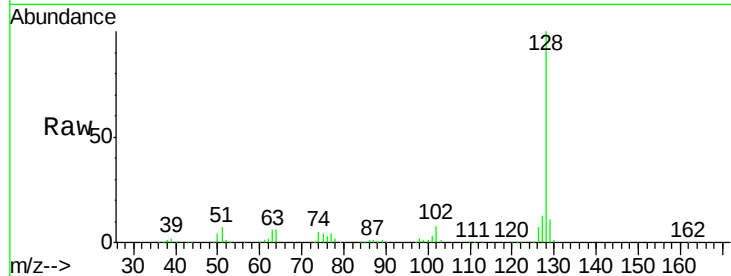
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



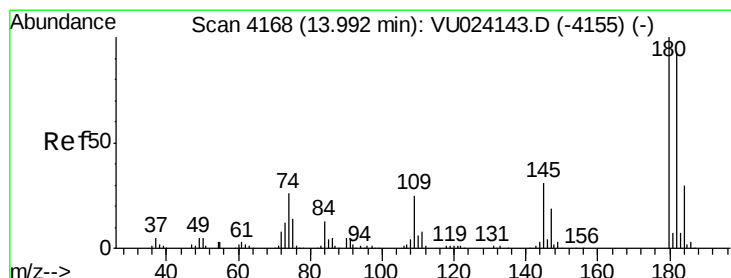
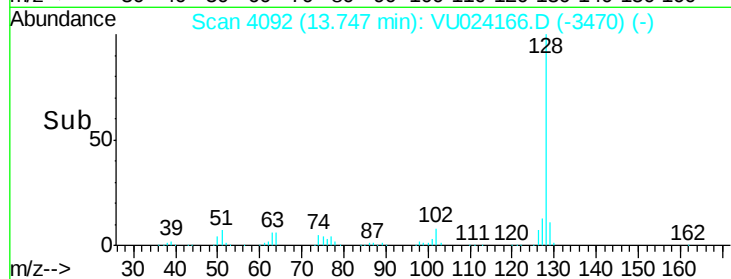
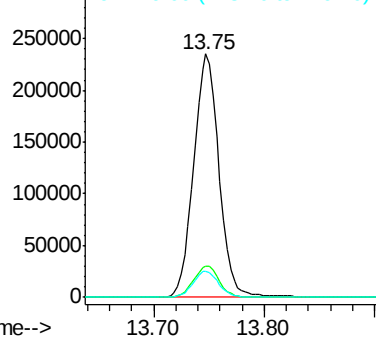


#69
Naphthalene
Concen: 53.11 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU024166.D
Acq: 26 May 2018 23:53

Tgt Ion:128 Resp: 375697
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.7 13.1

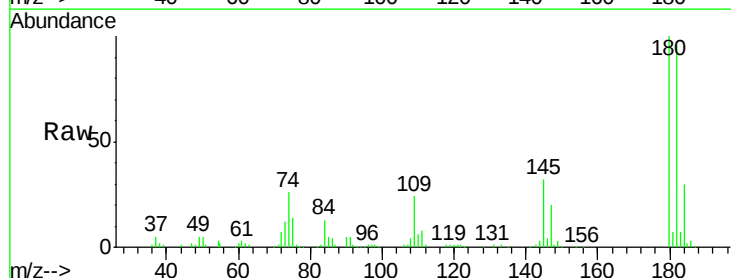


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#70
1,2,3-Trichlorobenzene
Concen: 53.91 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU024166.D
Acq: 26 May 2018 23:53

Tgt Ion:180 Resp: 145698
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.6
145 31.3 24.5 36.7



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

