

Data File : VU023545.D
Acq On : 01 May 2018 10:29
Operator : MD/SY
Sample : VSTD00557
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 02:16:20 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 02 02:16:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	313374	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	299862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	146997	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	10976	5.43	ug/L	0.00
7) Chloroethane-d5	1.68	69	8736	5.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	22345	5.41	ug/L	0.00
21) 2-Butanone-d5	4.18	46	12923	7.39	ug/L	0.00
24) Chloroform-d	4.65	84	17221	4.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	12687	4.79	ug/L	0.00
32) Benzene-d6	5.35	84	37606	4.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	13078	4.56	ug/L	0.00
41) Toluene-d8	7.57	98	33150	4.32	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	4701	3.84	ug/L	0.00
47) 2-Hexanone-d5	8.32	63	7494	5.96	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	16676	4.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.87	152	14602	4.85	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	19565	6.38	ug/L	99
3) Chloromethane	1.33	50	21000	5.46	ug/L	99
5) Vinyl chloride	1.41	62	19412	6.05	ug/L	# 78
6) Bromomethane	1.63	94	10477	6.96	ug/L	97
8) Chloroethane	1.70	64	12862	6.95	ug/L	93
9) Trichlorofluoromethane	1.89	101	21991	6.14	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	13505	5.89	ug/L	96
12) 1,1-Dichloroethene	2.29	96	13201	6.27	ug/L	84
13) Acetone	2.32	43	28290	16.48	ug/L	99
14) Carbon disulfide	2.48	76	44201	6.18	ug/L	100
15) Methyl Acetate	2.62	43	16679	5.47	ug/L	97
16) Methylene chloride	2.71	84	16761	6.11	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	13633	5.93	ug/L	94
18) Methyl tert-butyl Ether	3.00	73	38204	5.34	ug/L	98
19) 1,1-Dichloroethane	3.45	63	27826	5.91	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	15144	5.90	ug/L	99
22) 2-Butanone	4.27	43	27831	12.27	ug/L	98
23) Bromochloromethane	4.56	128	7630	5.89	ug/L	95
25) Chloroform	4.68	83	29411	6.49	ug/L	98
27) 1,2-Dichloroethane	5.41	62	21166	5.84	ug/L	98
29) Cyclohexane	5.00	56	21088	4.71	ug/L	97
30) 1,1,1-Trichloroethane	4.92	97	20831	5.65	ug/L	98
31) Carbon tetrachloride	5.14	117	17962	5.64	ug/L	96
33) Benzene	5.39	78	56788	5.44	ug/L	100
34) Trichloroethene	6.19	95	14934	5.91	ug/L	95
35) Methylcyclohexane	6.42	83	20793	4.87	ug/L	97
37) 1,2-Dichloropropane	6.44	63	16704	5.61	ug/L	100
38) Bromodichloromethane	6.76	83	18547	5.60	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	20613	5.04	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	35767	9.16	ug/L	96

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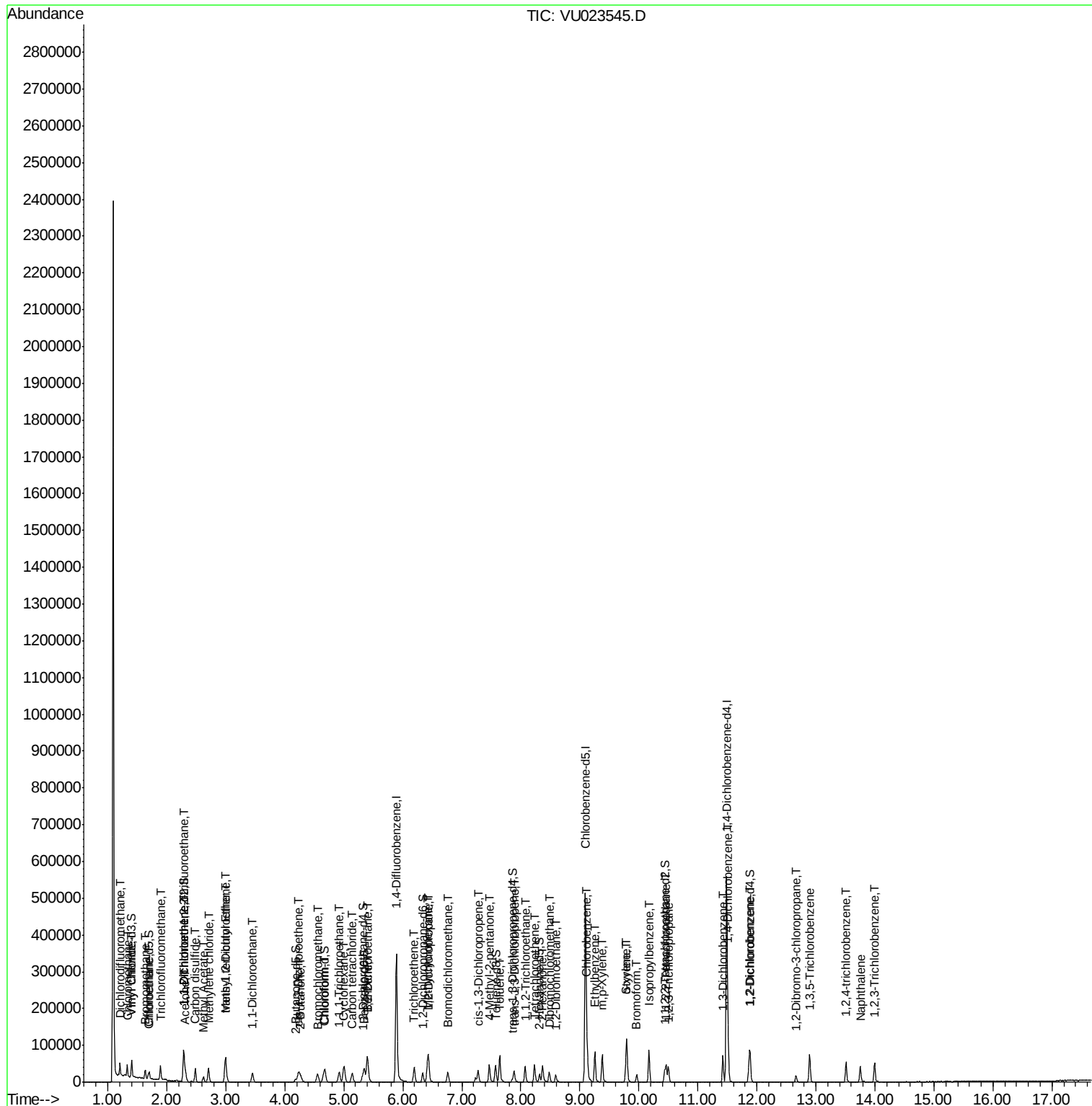
42) Toluene	7.64	91	56461	5.39	ug/L	96
44) trans-1,3-Dichloropropene	7.89	75	17805	4.86	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	14792	5.96	ug/L	97
46) Tetrachloroethene	8.23	164	11980	5.96	ug/L	95
48) 2-Hexanone	8.37	43	31899	10.13	ug/L	97
49) Dibromochloromethane	8.48	129	14153	5.47	ug/L	97
50) 1,2-Dibromoethane	8.59	107	13934	5.49	ug/L	97
51) Chlorobenzene	9.12	112	40763	6.07	ug/L	98
52) Ethylbenzene	9.26	91	59300	5.28	ug/L	100
53) m,p-Xylene	9.38	106	22393	5.36	ug/L	99
54) o-xylene	9.79	106	21017	5.12	ug/L	96
55) Styrene	9.80	104	35387	5.07	ug/L	97
56) Isopropylbenzene	10.17	105	55065	5.15	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	22948	5.42	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	18393	5.40	ug/L	99
61) Bromoform	9.96	173	9811	5.19	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	29293	5.88	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	30575	5.91	ug/L	96
65) 1,2-Dichlorobenzene	11.89	146	30613	5.80	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	4167	4.77	ug/L	88
67) 1,3,5-Trichlorobenzene	12.89	180	24503	6.12	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	18387	5.29	ug/L	99
69) Naphthalene	13.75	128	37362	3.44	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	18844	5.01	ug/L	98

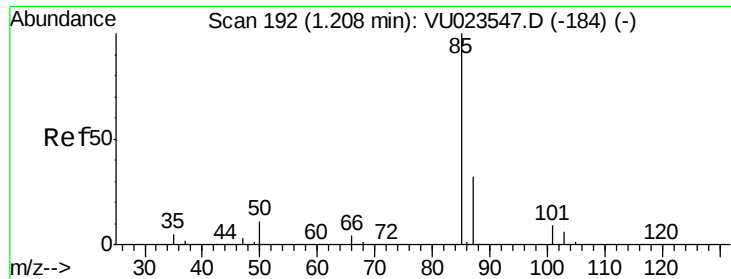
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 6.38 ug/L

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU023545.D

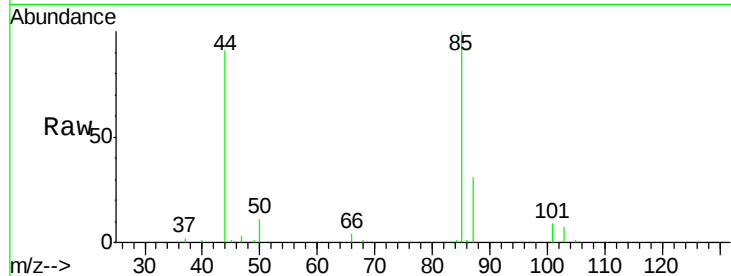
Acq: 01 May 2018 10:29

Tgt Ion: 85 Resp: 19565

Ion Ratio Lower Upper

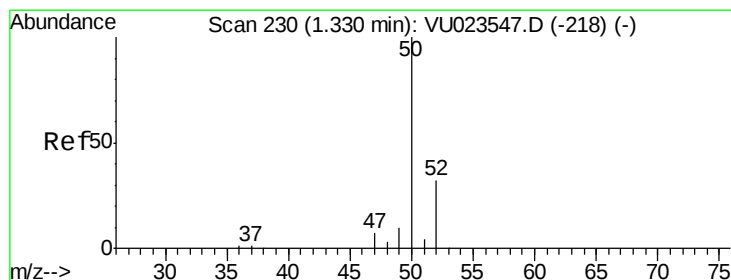
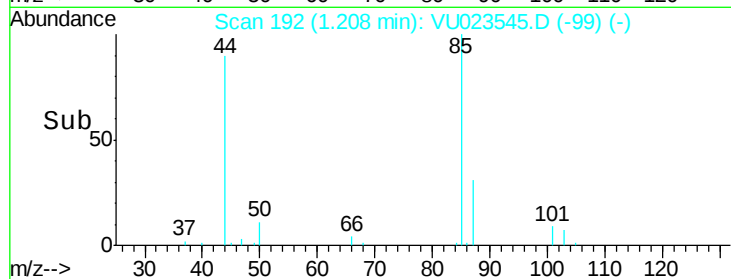
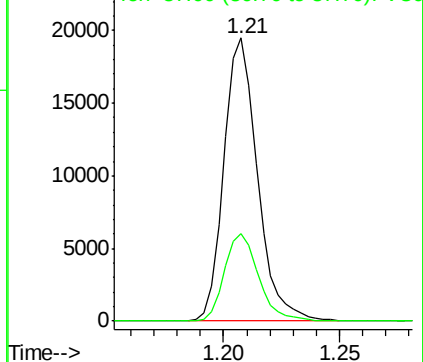
85 100

87 31.3 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 5.46 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU023545.D

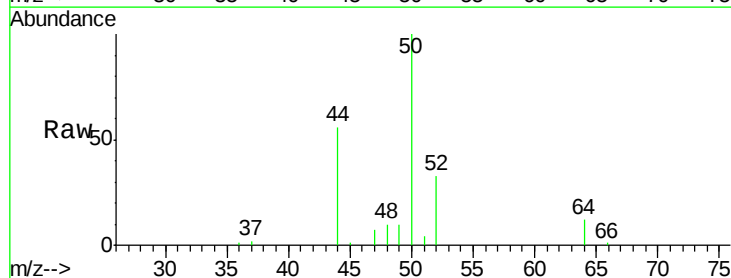
Acq: 01 May 2018 10:29

Tgt Ion: 50 Resp: 21000

Ion Ratio Lower Upper

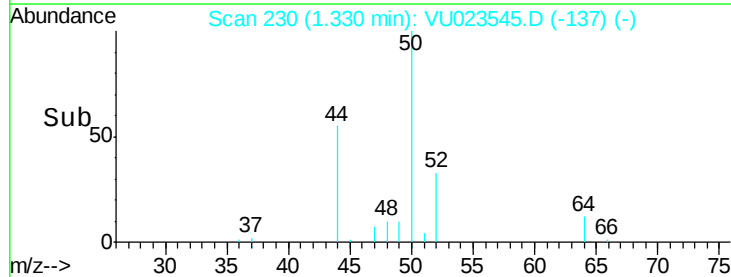
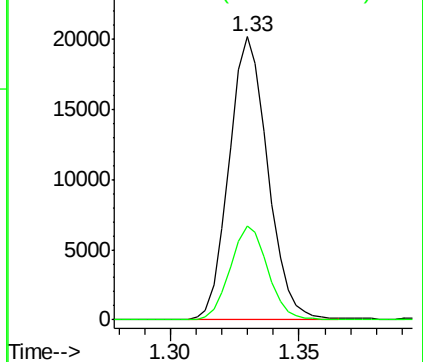
50 100

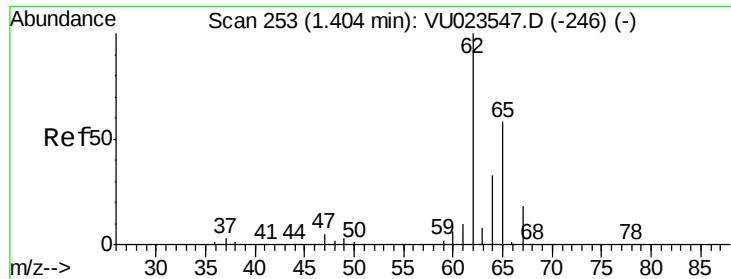
52 33.0 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 6.05 ug/L

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU023545.D

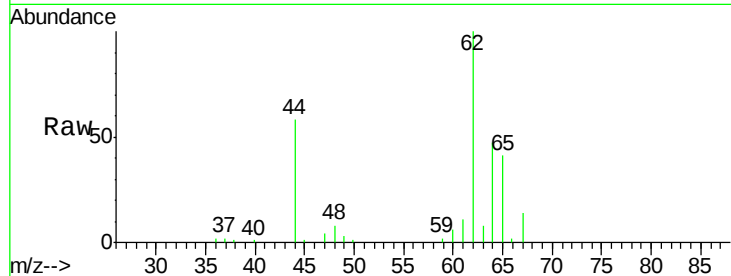
Acq: 01 May 2018 10:29

Tgt Ion: 62 Resp: 19412

Ion Ratio Lower Upper

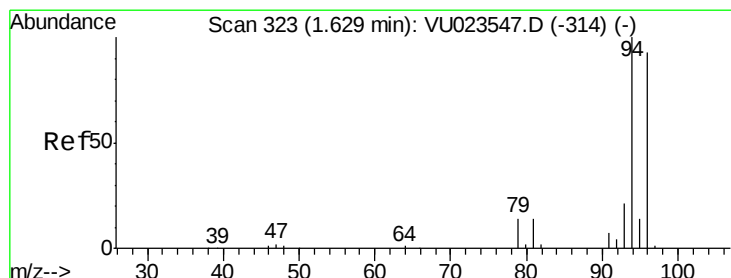
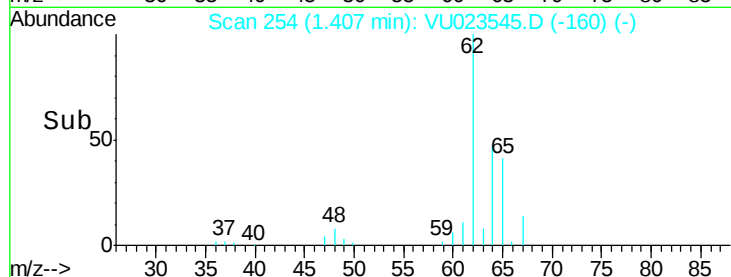
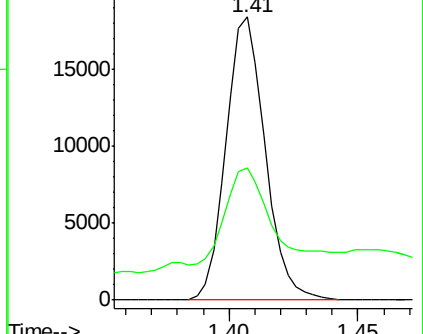
62 100

64 46.9 24.1 44.7#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#6

Bromomethane

Concen: 6.96 ug/L

RT: 1.63 min Scan# 324

Delta R.T. 0.00 min

Lab File: VU023545.D

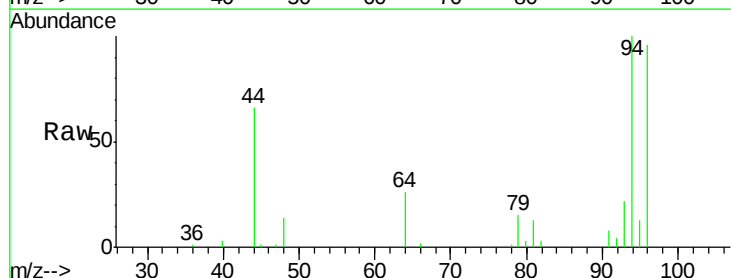
Acq: 01 May 2018 10:29

Tgt Ion: 94 Resp: 10477

Ion Ratio Lower Upper

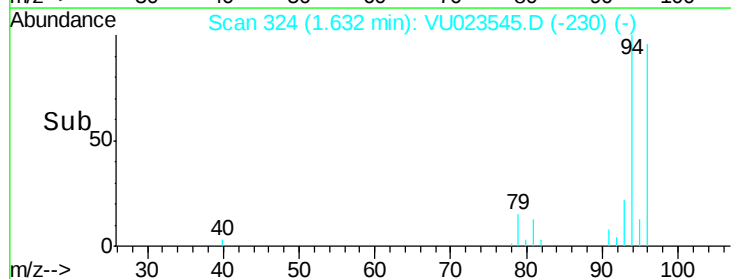
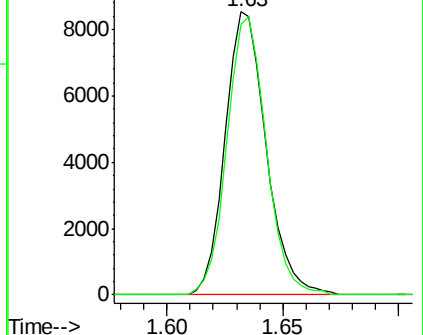
94 100

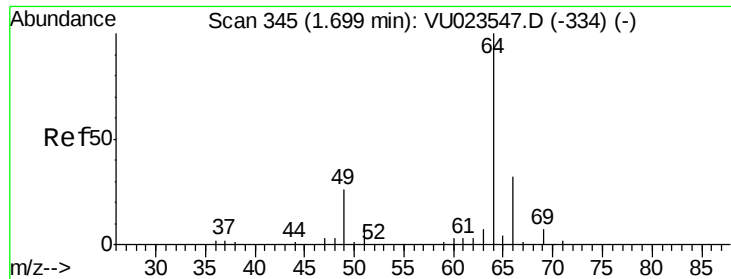
96 95.8 65.3 121.3



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 6.95 ug/L

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU023545.D

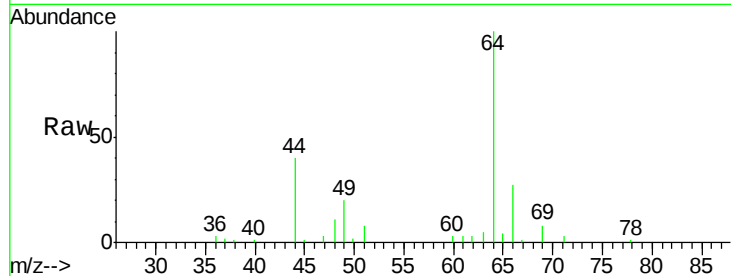
Acq: 01 May 2018 10:29

Tgt Ion: 64 Resp: 12862

Ion Ratio Lower Upper

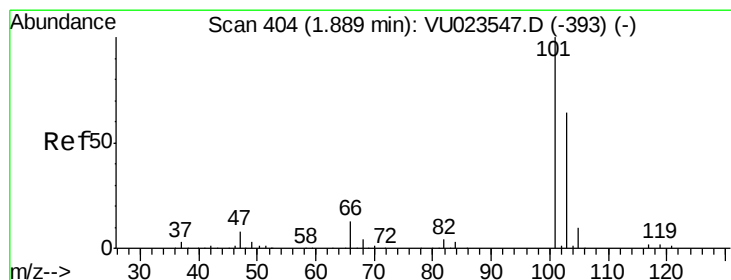
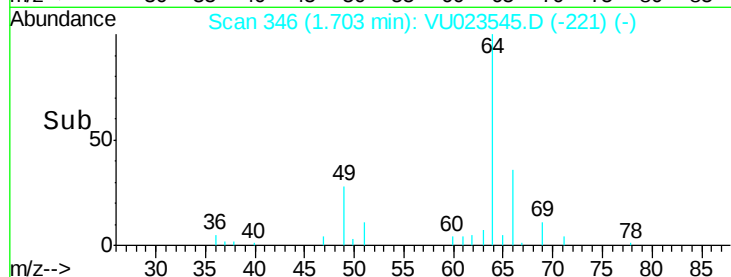
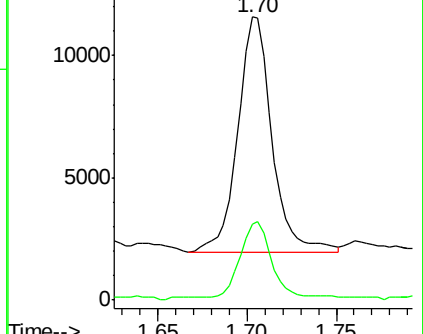
64 100

66 27.0 21.7 40.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



#9

Trichlorofluoromethane

Concen: 6.14 ug/L

RT: 1.89 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU023545.D

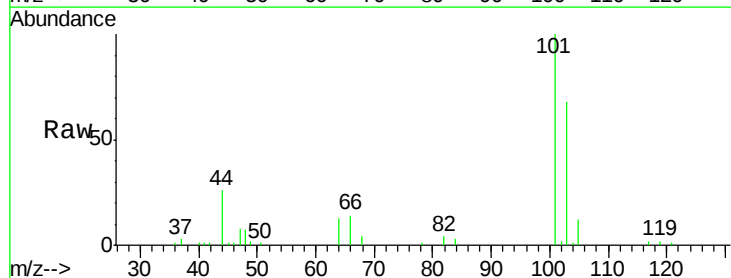
Acq: 01 May 2018 10:29

Tgt Ion: 101 Resp: 21991

Ion Ratio Lower Upper

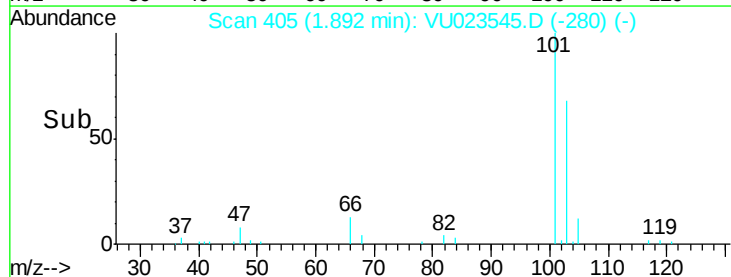
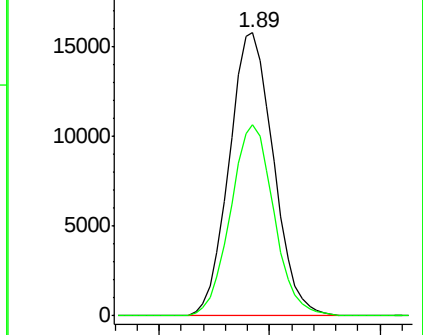
101 100

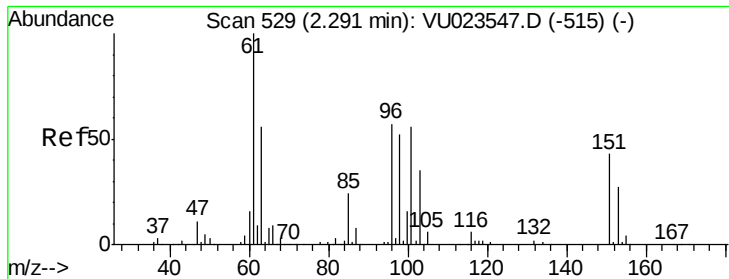
103 66.2 52.2 78.4



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: 5.89 ug/L

RT: 2.29 min Scan# 530

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

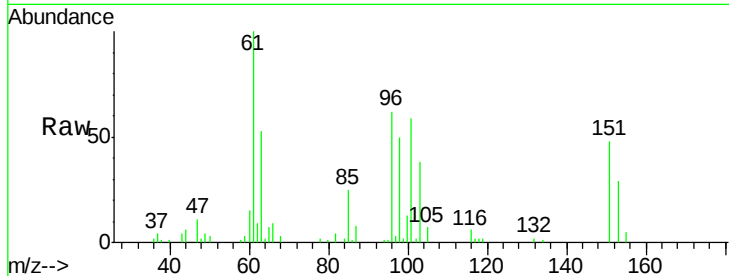
Tgt Ion: 101 Resp: 13505

Ion Ratio Lower Upper

101 100

85 43.8 34.9 52.3

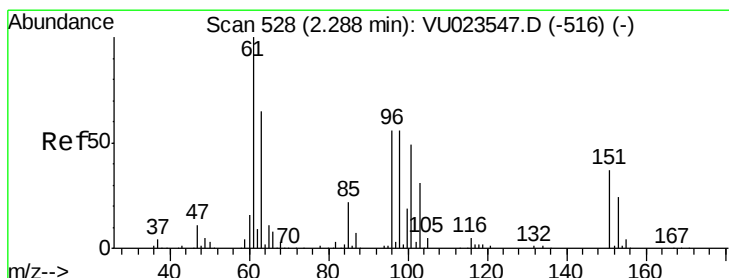
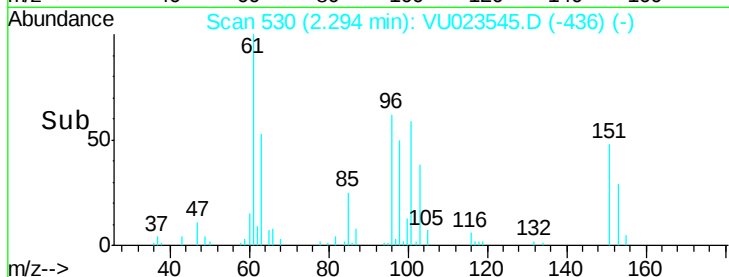
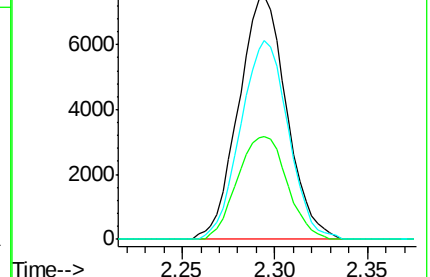
151 81.2 61.0 91.6



Abundance Ion 101.00 (100.70 to 101.70): VU023547.D (-515) (-)

Ion 85.00 (84.70 to 85.70): VU023547.D (-515) (-)

Ion 151.00 (150.70 to 151.70): VU023547.D (-515) (-)



#12

1,1-Dichloroethene

Concen: 6.27 ug/L

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

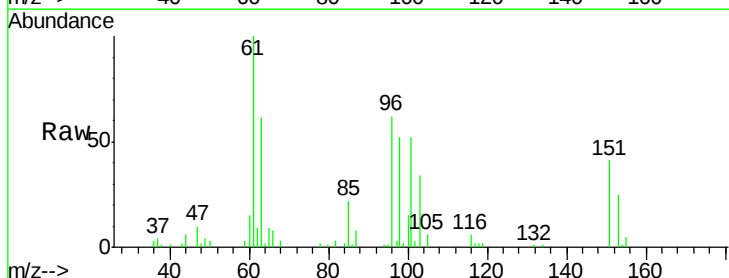
Tgt Ion: 96 Resp: 13201

Ion Ratio Lower Upper

96 100

61 161.6 125.9 233.7

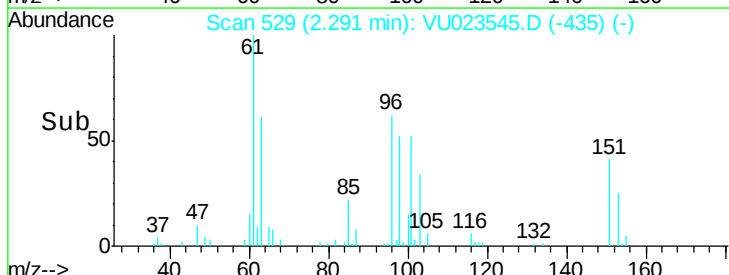
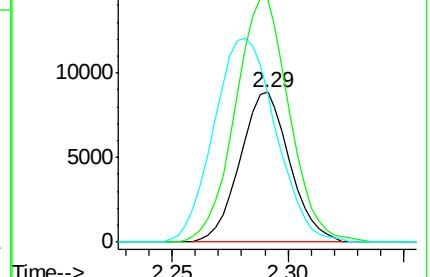
63 99.0 84.8 157.6

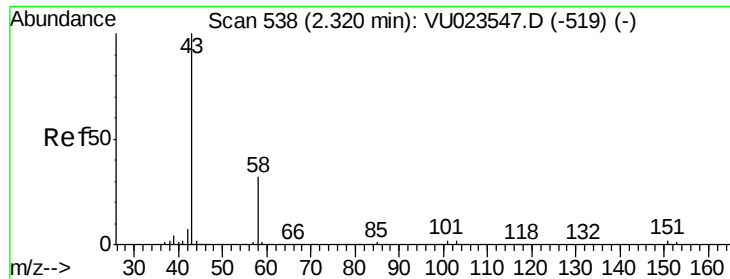


Abundance Ion 96.00 (95.70 to 96.70): VU023547.D (-516) (-)

Ion 61.00 (60.70 to 61.70): VU023547.D (-516) (-)

Ion 63.00 (62.70 to 63.70): VU023547.D (-516) (-)





#13

Acetone

Concen: 16.48 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU023545.D

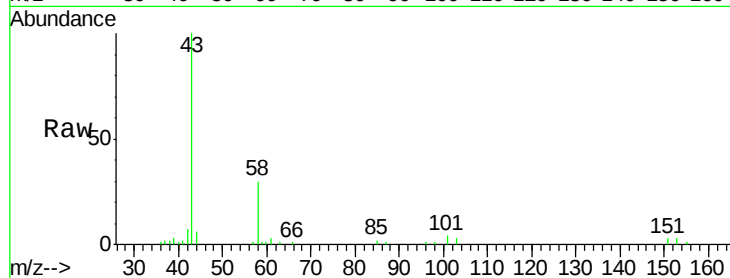
Acq: 01 May 2018 10:29

Tgt Ion: 43 Resp: 28290

Ion Ratio Lower Upper

43 100

58 32.0 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

20000

15000

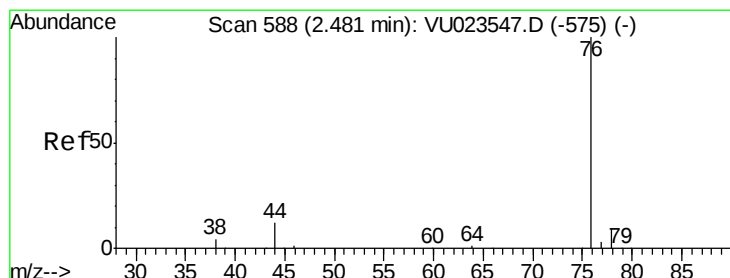
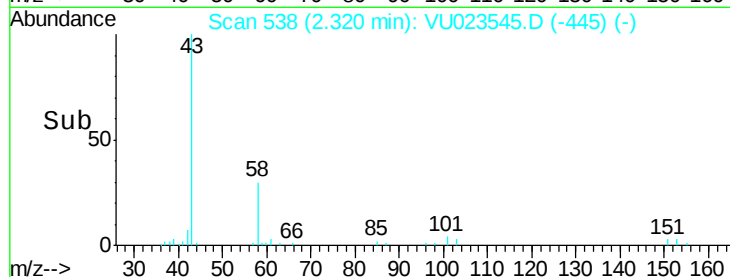
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#14

Carbon disulfide

Concen: 6.18 ug/L

RT: 2.48 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU023545.D

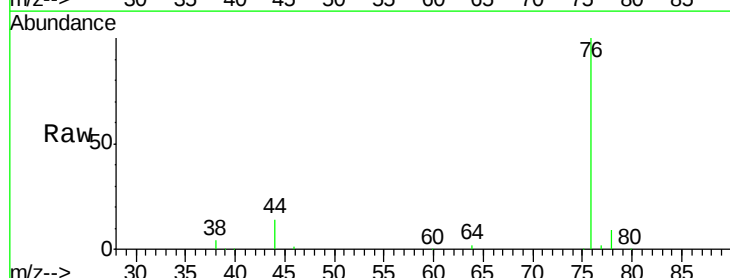
Acq: 01 May 2018 10:29

Tgt Ion: 76 Resp: 44201

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

30000

25000

20000

15000

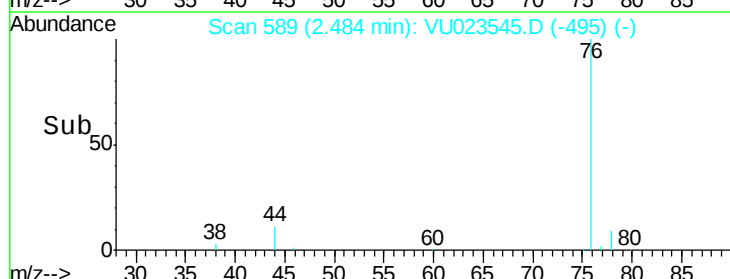
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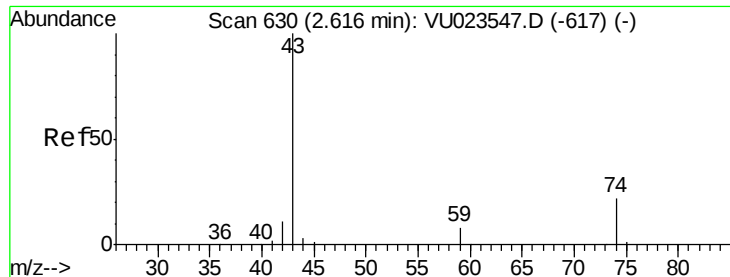
5000

0

Time-->

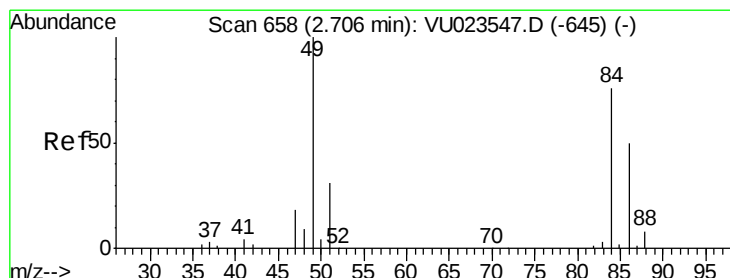
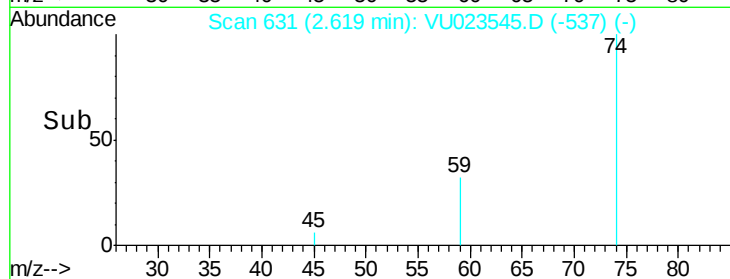
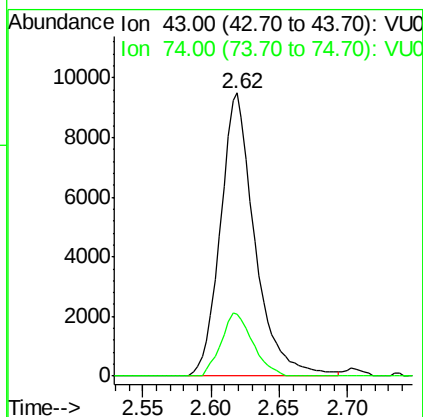
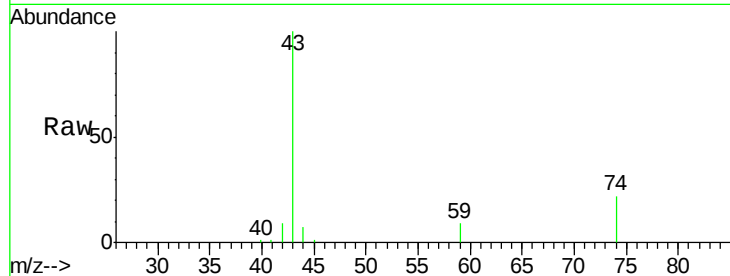
2.40 2.45 2.50 2.55





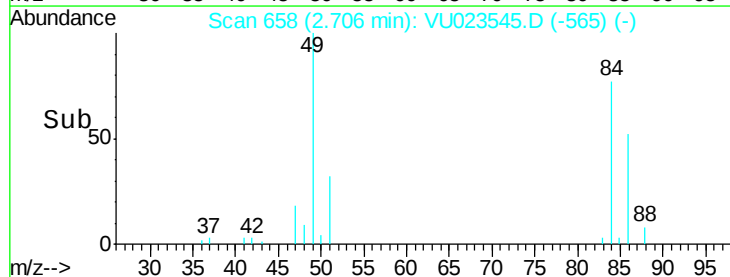
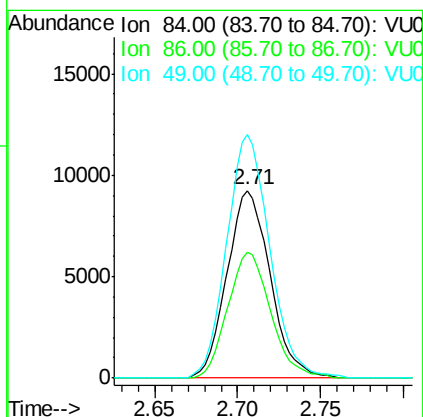
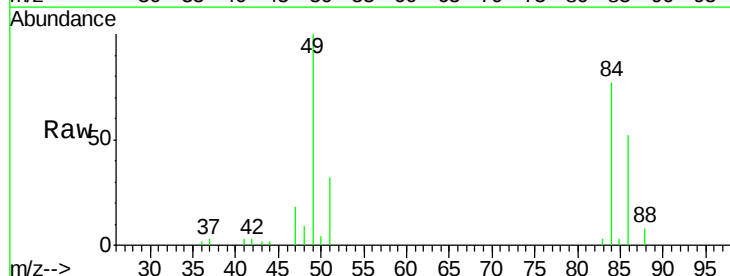
#15
Methyl Acetate
Concen: 5.47 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU023545.D
Acq: 01 May 2018 10:29

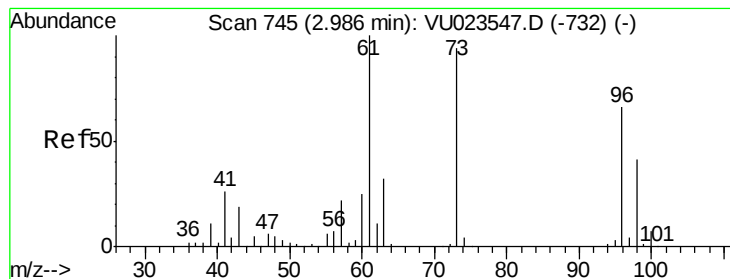
Tgt Ion: 43 Resp: 16679
Ion Ratio Lower Upper
43 100
74 20.4 17.5 26.3



#16
Methylene chloride
Concen: 6.11 ug/L
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU023545.D
Acq: 01 May 2018 10:29

Tgt Ion: 84 Resp: 16761
Ion Ratio Lower Upper
84 100
86 67.0 45.6 84.8
49 129.8 91.9 170.7





#17

trans-1,2-Dichloroethene

Concen: 5.93 ug/L

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

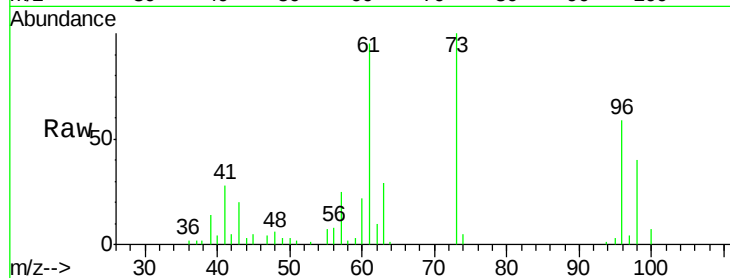
Tgt Ion: 96 Resp: 13633

Ion Ratio Lower Upper

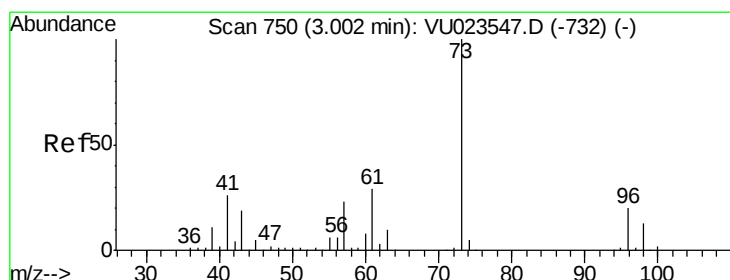
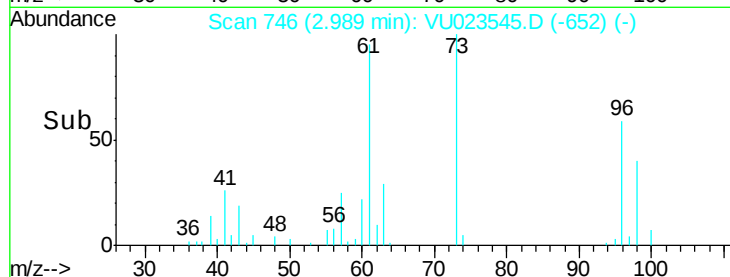
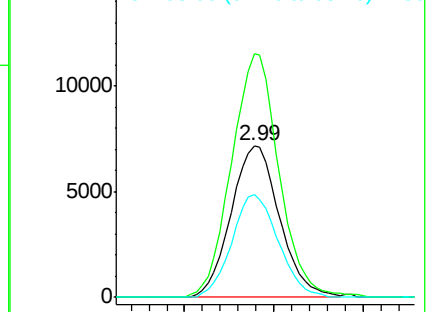
96 100

61 160.2 106.9 198.5

98 67.3 44.2 82.2



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



#18

Methyl tert-butyl Ether

Concen: 5.34 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

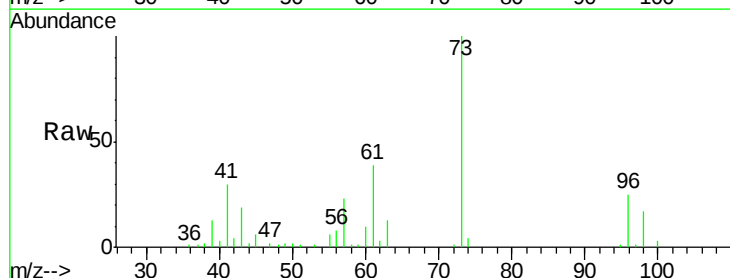
Tgt Ion: 73 Resp: 38204

Ion Ratio Lower Upper

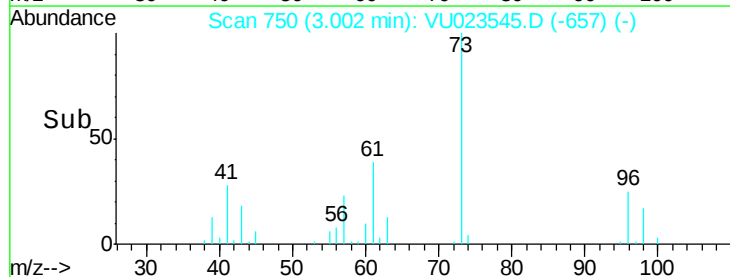
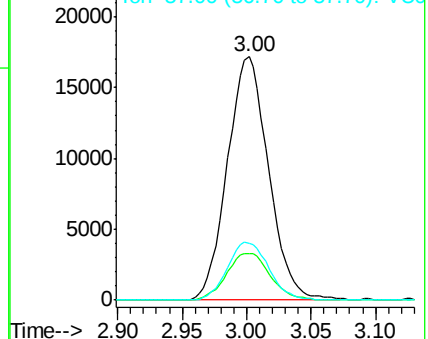
73 100

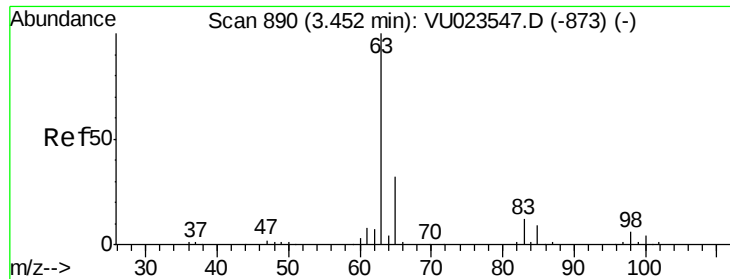
43 20.3 15.5 23.3

57 23.8 18.5 27.7



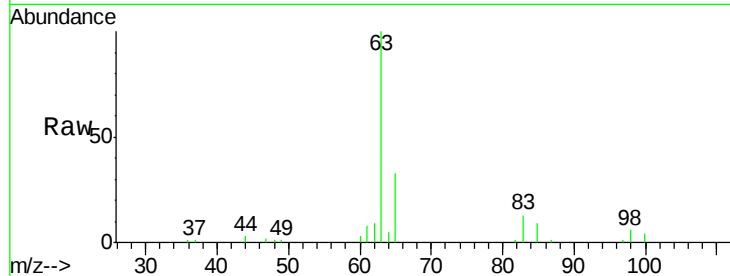
Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



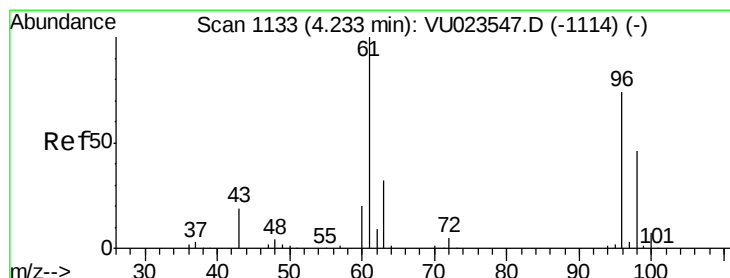
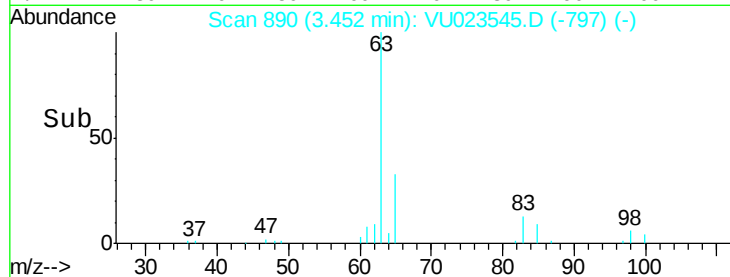
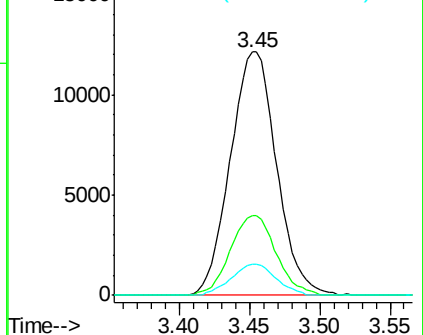


#19
 1,1-Dichloroethane
 Concen: 5.91 ug/L
 RT: 3.45 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: VU023545.D
 Acq: 01 May 2018 10:29

Tgt Ion: 63 Resp: 27826
 Ion Ratio Lower Upper
 63 100
 65 32.7 22.3 41.5
 83 12.9 8.7 16.1

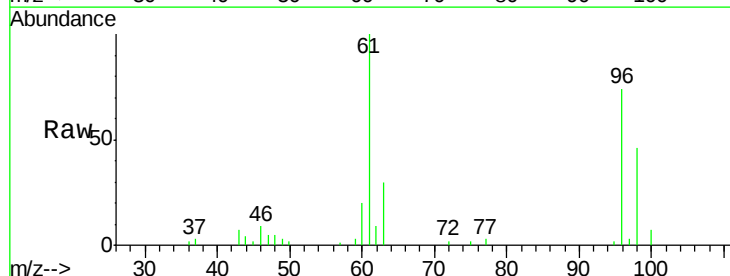


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 65.00 (64.70 to 65.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0

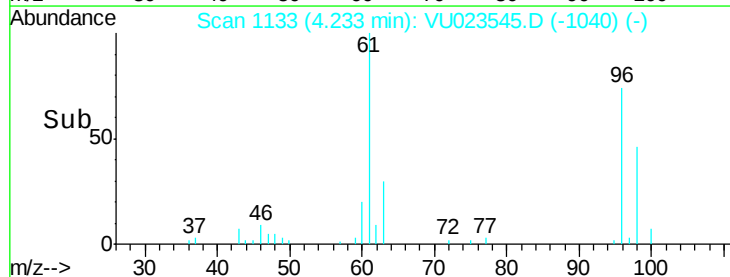
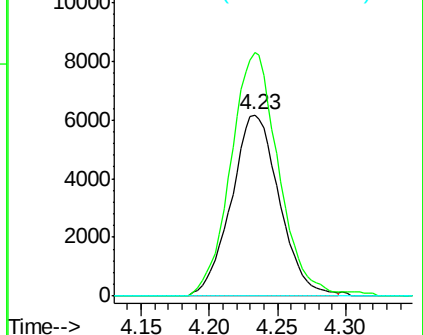


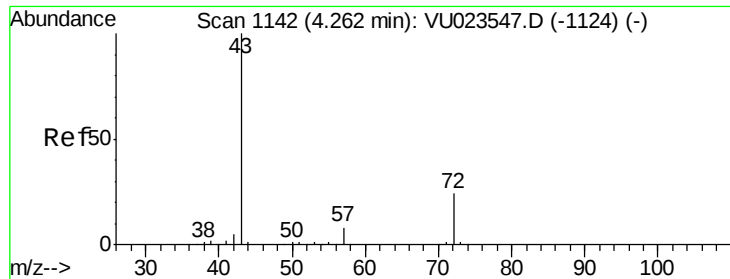
#20
 cis-1,2-Dichloroethene
 Concen: 5.90 ug/L
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU023545.D
 Acq: 01 May 2018 10:29

Tgt Ion: 96 Resp: 15144
 Ion Ratio Lower Upper
 96 100
 61 134.6 95.3 177.1
 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: 12.27 ug/L

RT: 4.27 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VU023545.D

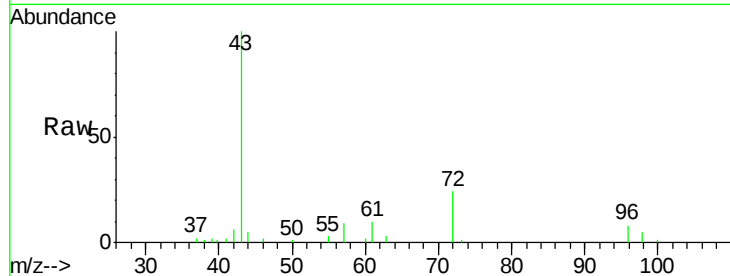
Acq: 01 May 2018 10:29

Tgt Ion: 43 Resp: 27831

Ion Ratio Lower Upper

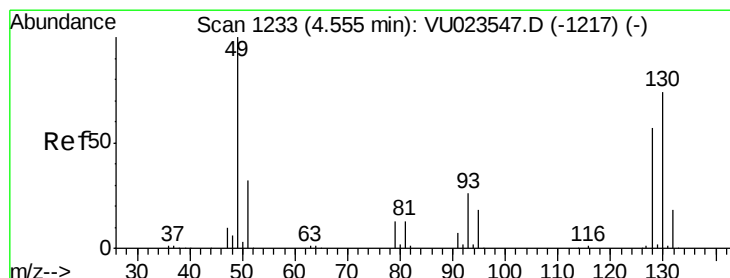
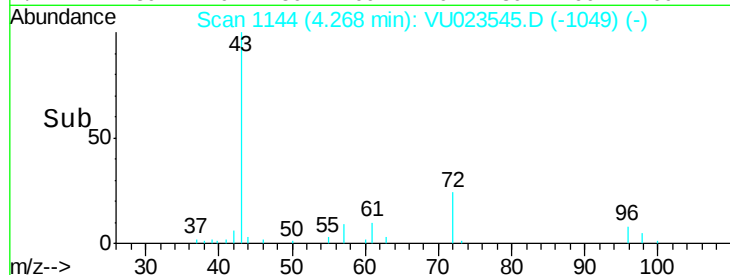
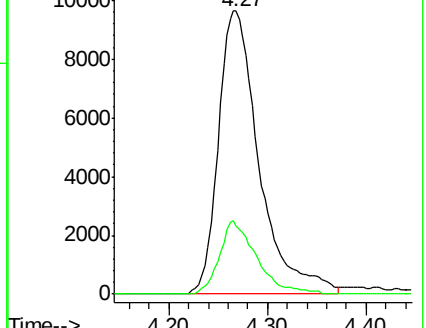
43 100

72 23.6 12.3 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU023547.D (-1124) (-)

Ion 72.00 (71.70 to 72.70): VU023547.D (-1124) (-)



#23

Bromochloromethane

Concen: 5.89 ug/L

RT: 4.56 min Scan# 1234

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

Tgt Ion: 128 Resp: 7630

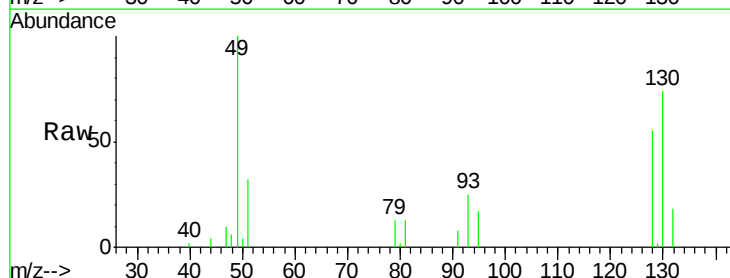
Ion Ratio Lower Upper

128 100

49 183.1 123.7 229.7

130 136.1 90.6 168.3

51 58.7 45.0 67.6

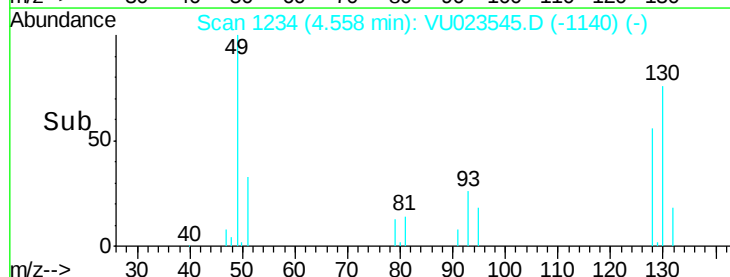
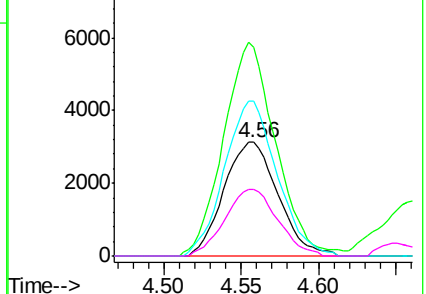


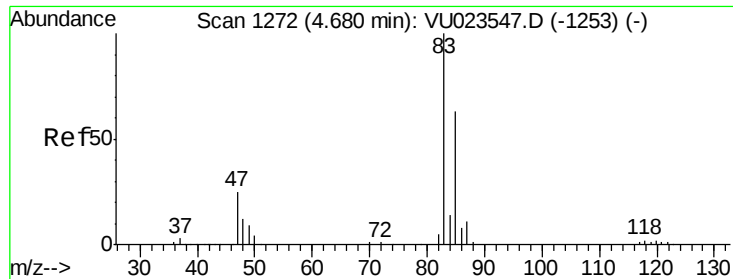
Abundance Ion 128.00 (127.70 to 128.70): VU023547.D (-1217) (-)

Ion 49.00 (48.70 to 49.70): VU023547.D (-1217) (-)

Ion 130.00 (129.70 to 130.70): VU023547.D (-1217) (-)

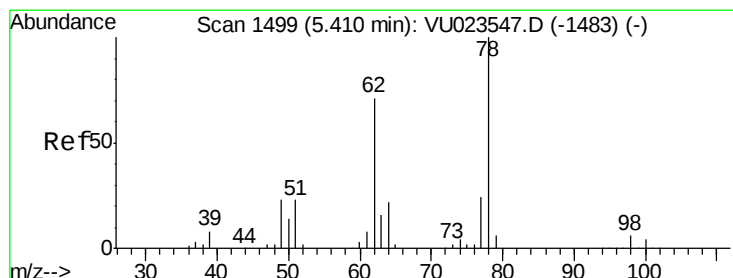
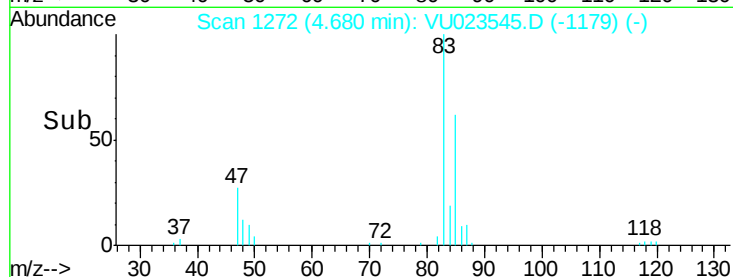
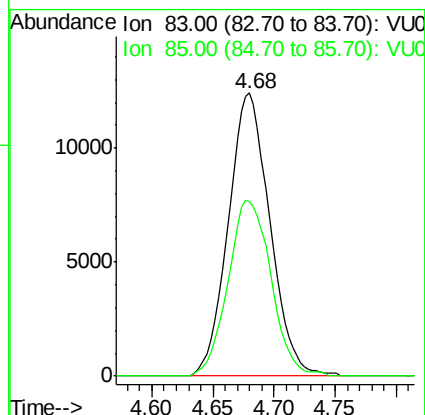
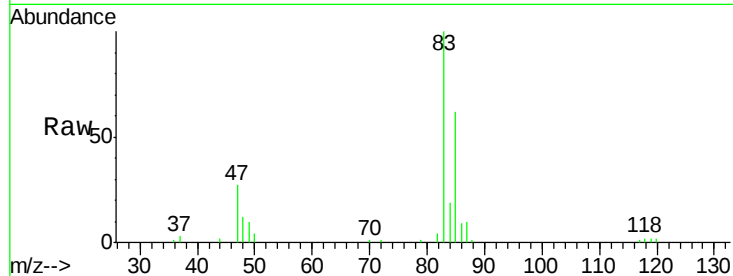
Ion 51.00 (50.70 to 51.70): VU023547.D (-1217) (-)





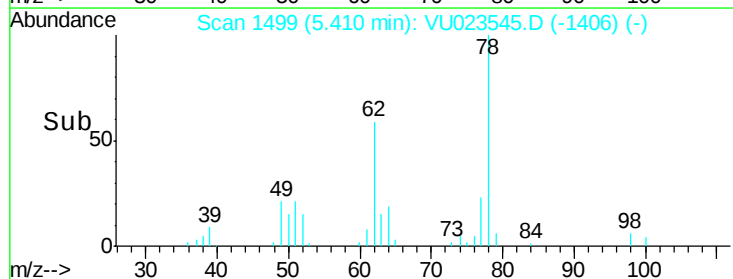
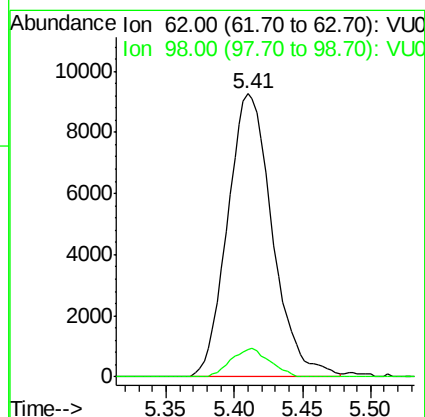
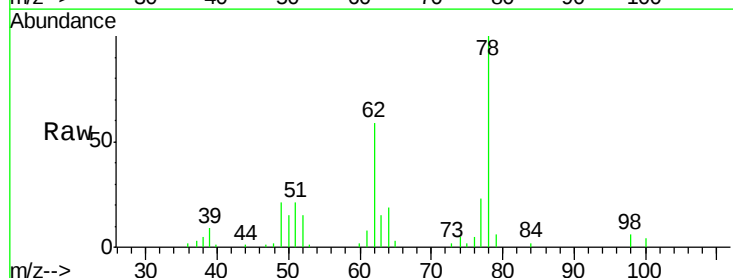
#25
Chloroform
Concen: 6.49 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU023545.D
Acq: 01 May 2018 10:29

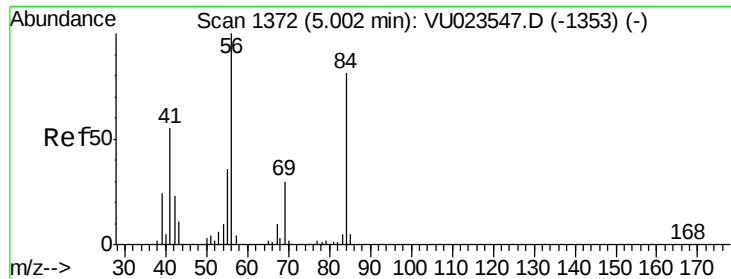
Tgt Ion: 83 Resp: 29411
Ion Ratio Lower Upper
83 100
85 61.6 44.4 82.5



#27
1,2-Dichloroethane
Concen: 5.84 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU023545.D
Acq: 01 May 2018 10:29

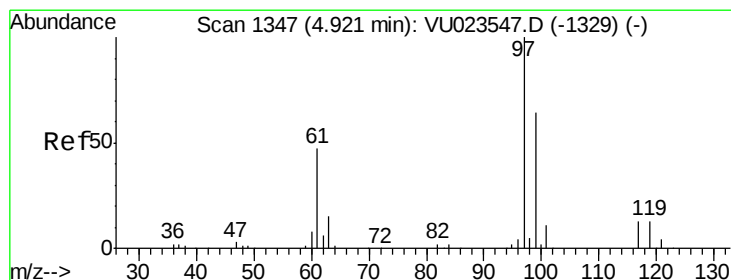
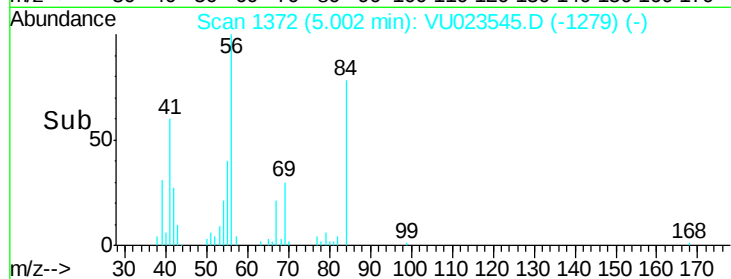
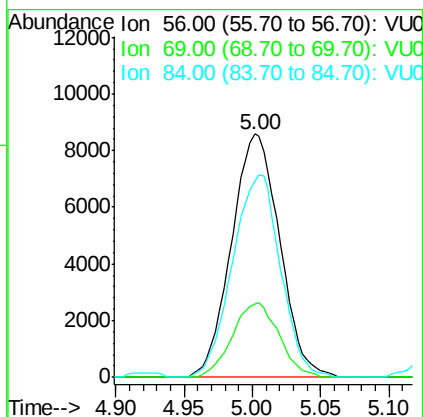
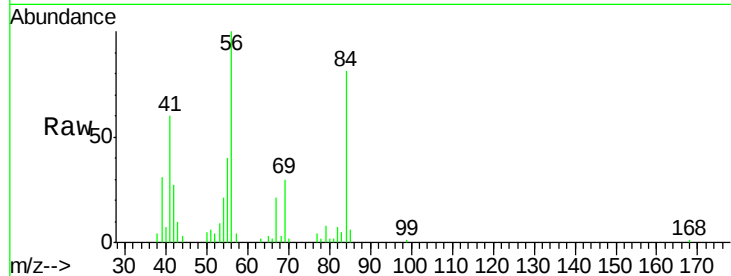
Tgt Ion: 62 Resp: 21166
Ion Ratio Lower Upper
62 100
98 9.9 7.3 10.9





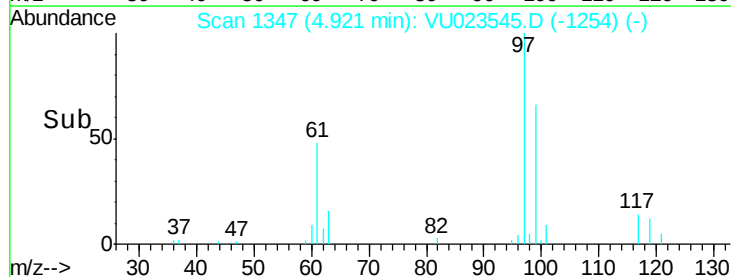
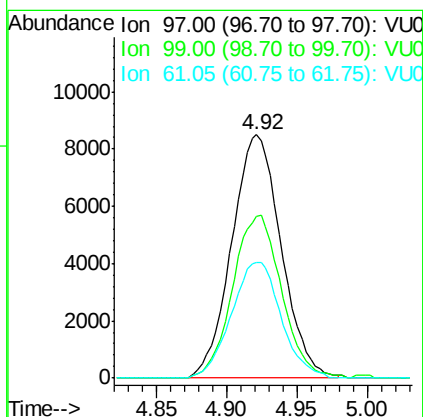
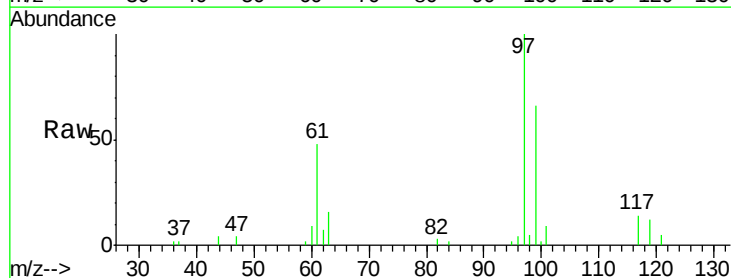
#29
Cyclohexane
Concen: 4.71 ug/L
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU023545.D
Acq: 01 May 2018 10:29

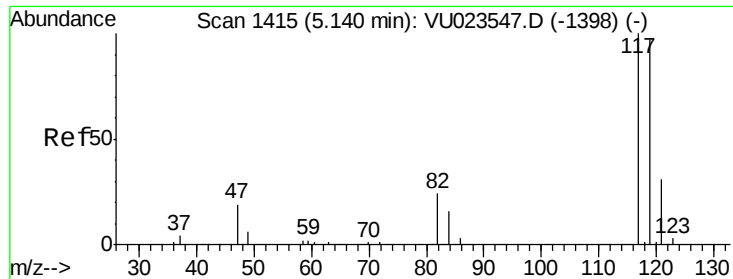
Tgt Ion:	56	Resp:	21088
Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.5	35.3
84	82.8	63.8	95.8



#30
1,1,1-Trichloroethane
Concen: 5.65 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU023545.D
Acq: 01 May 2018 10:29

Tgt Ion:	97	Resp:	20831
Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.8	77.6
61	47.9	37.7	56.5





#31

Carbon tetrachloride

Concen: 5.64 ug/L

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU023545.D

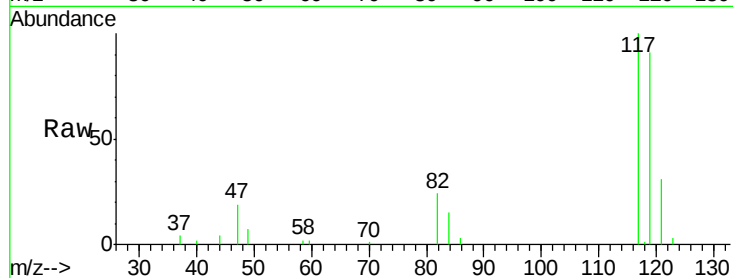
Acq: 01 May 2018 10:29

Tgt Ion: 117 Resp: 17962

Ion Ratio Lower Upper

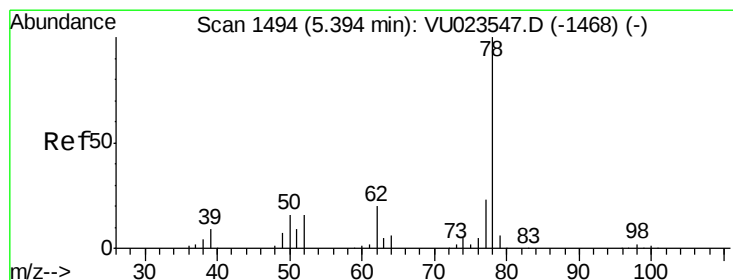
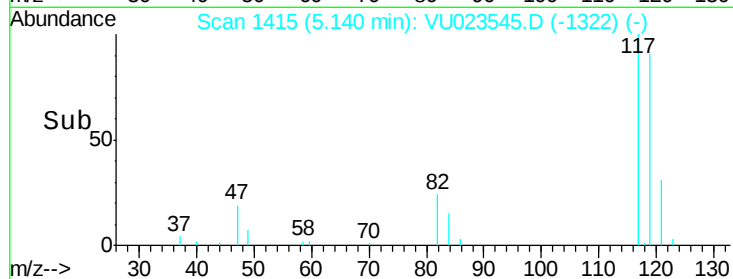
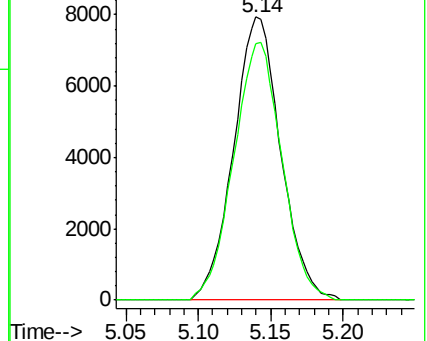
117 100

119 92.8 77.4 116.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 5.44 ug/L

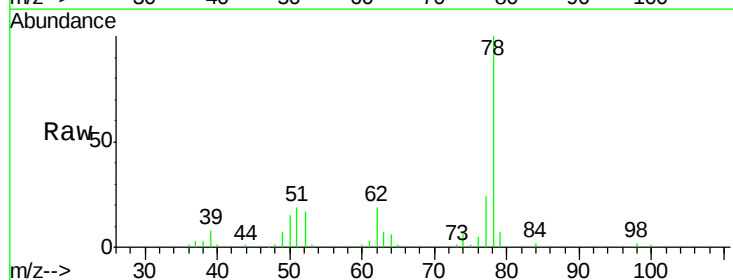
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

Tgt Ion: 78 Resp: 56788



Abundance Ion 78.00 (77.70 to 78.70): VU0

30000

25000

20000

15000

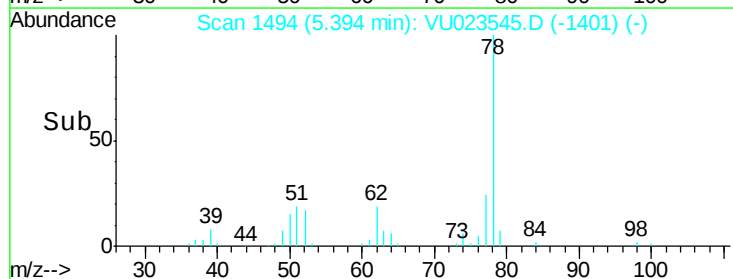
10000

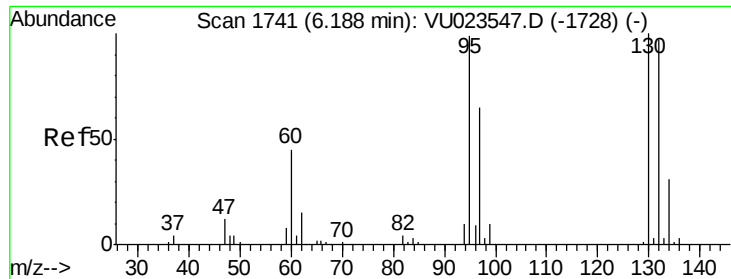
5000

0

Time-->

5.30 5.35 5.40 5.45





#34

Trichloroethene

Concen: 5.91 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

Tgt Ion: 95 Resp: 14934

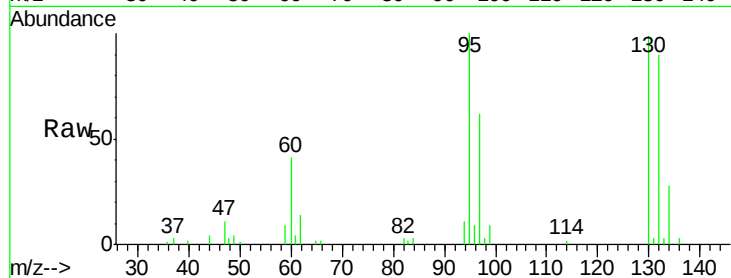
Ion Ratio Lower Upper

95 100

97 61.9 46.3 85.9

132 90.2 68.5 127.1

130 98.9 70.8 131.4

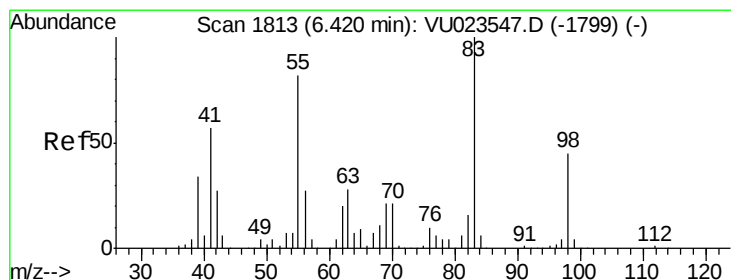
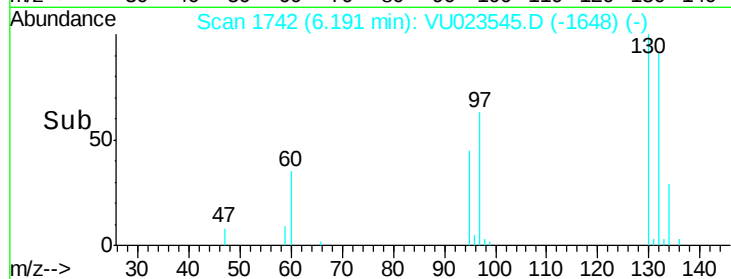
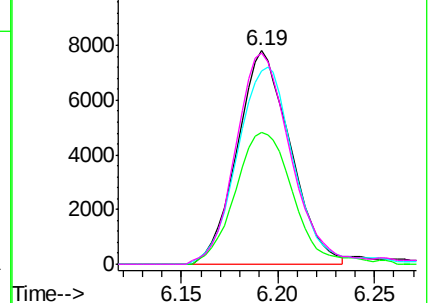


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 4.87 ug/L

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

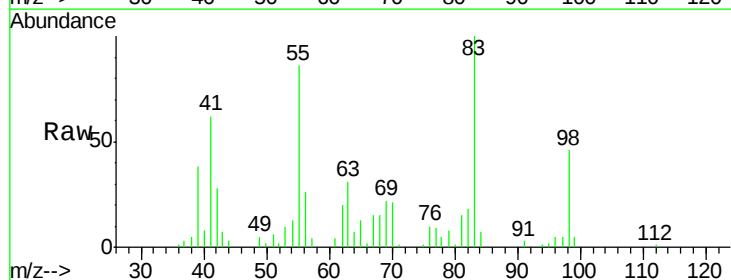
Tgt Ion: 83 Resp: 20793

Ion Ratio Lower Upper

83 100

55 87.0 66.7 100.1

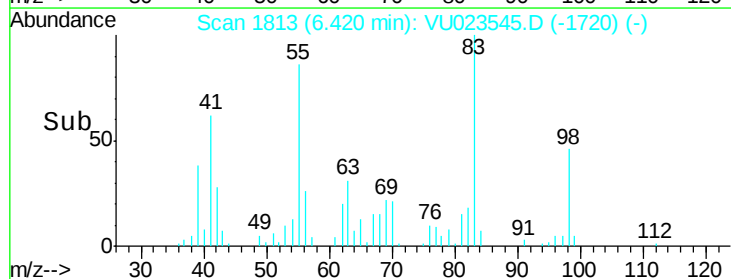
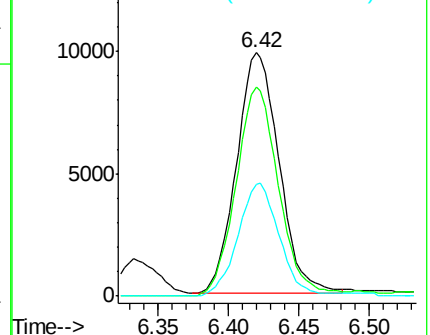
98 45.0 36.6 54.8

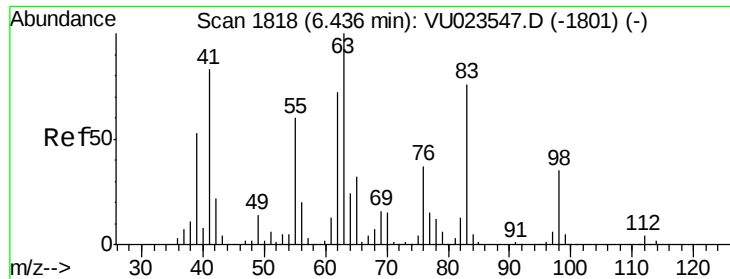


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

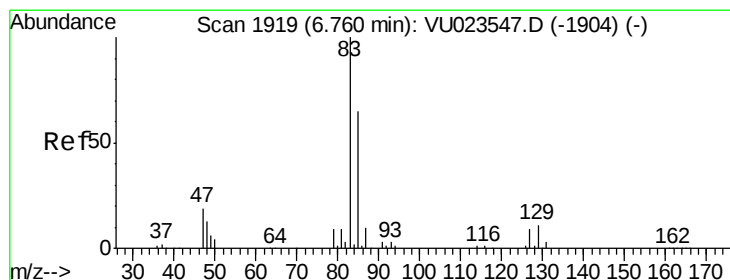
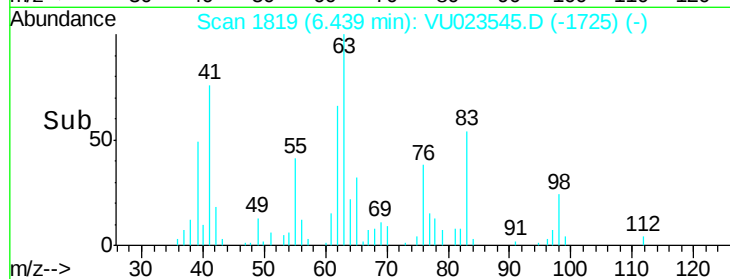
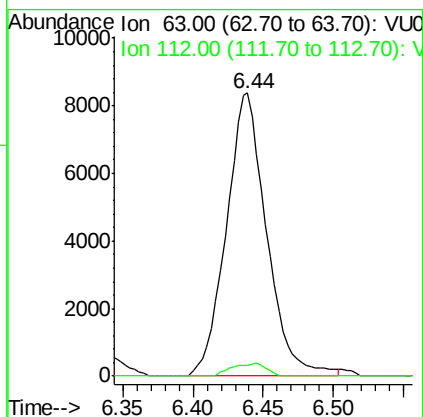
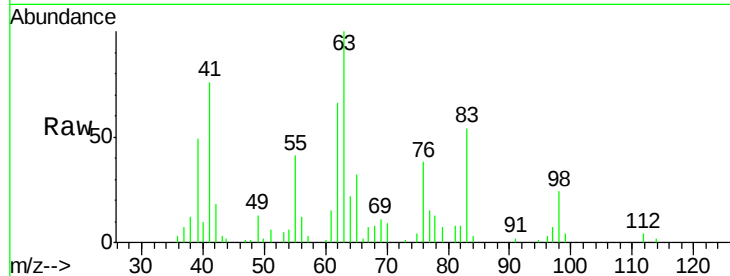
Ion 98.00 (97.70 to 98.70): VU0





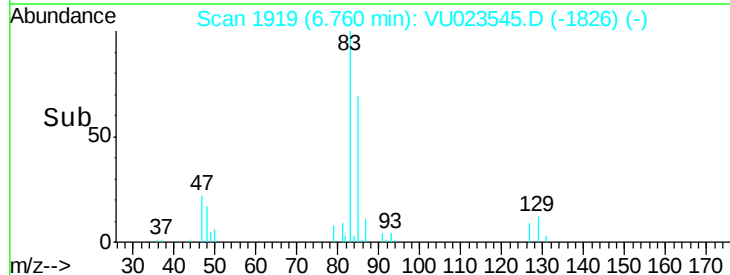
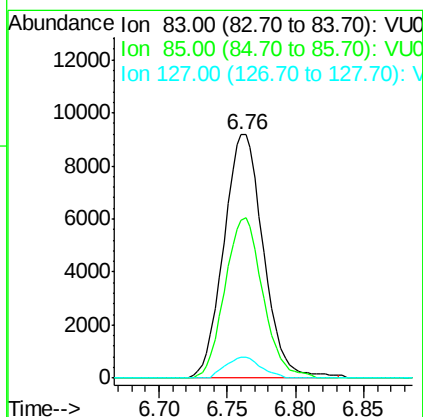
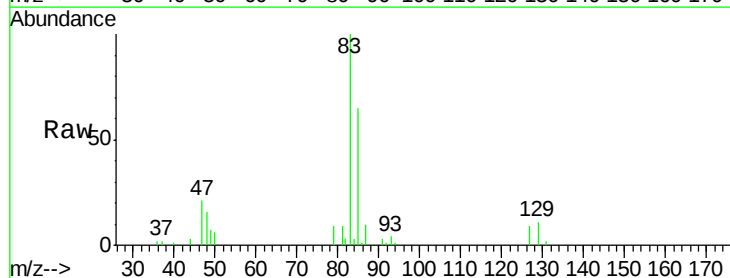
#37
 1,2-Dichloropropane
 Concen: 5.61 ug/L
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU023545.D
 Acq: 01 May 2018 10:29

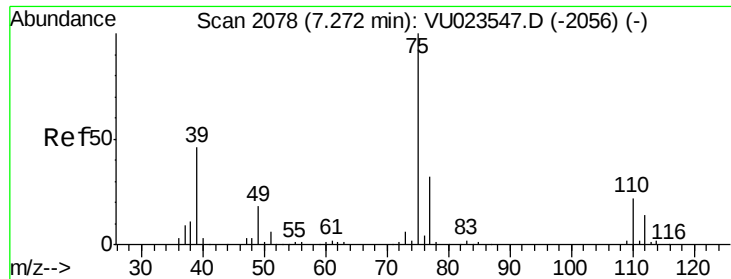
Tgt Ion: 63 Resp: 16704
 Ion Ratio Lower Upper
 63 100
 112 3.9 3.1 4.7



#38
 Bromodichloromethane
 Concen: 5.60 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: VU023545.D
 Acq: 01 May 2018 10:29

Tgt Ion: 83 Resp: 18547
 Ion Ratio Lower Upper
 83 100
 85 64.6 45.1 83.7
 127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.04 ug/L

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU023545.D

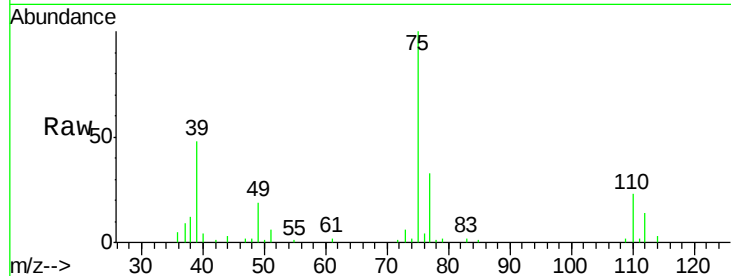
Acq: 01 May 2018 10:29

Tgt Ion: 75 Resp: 20613

Ion Ratio Lower Upper

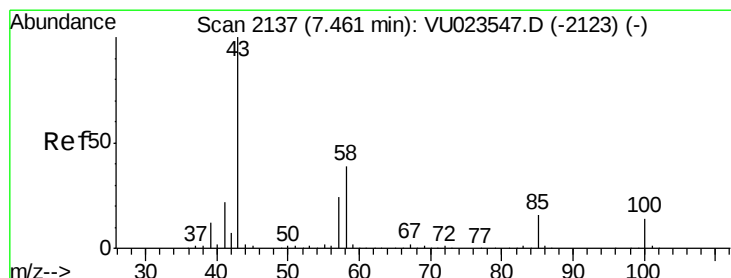
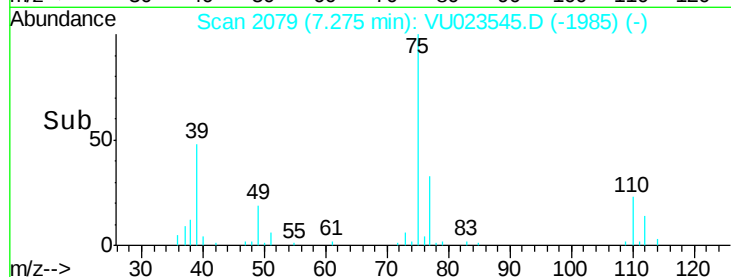
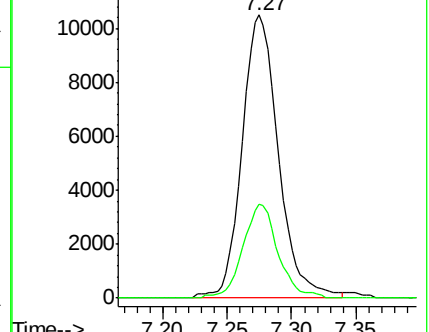
75 100

77 33.2 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#40

4-Methyl-2-pentanone

Concen: 9.16 ug/L

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

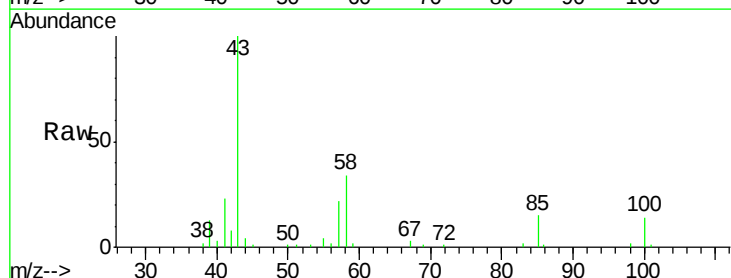
Tgt Ion: 43 Resp: 35767

Ion Ratio Lower Upper

43 100

58 35.5 30.8 46.2

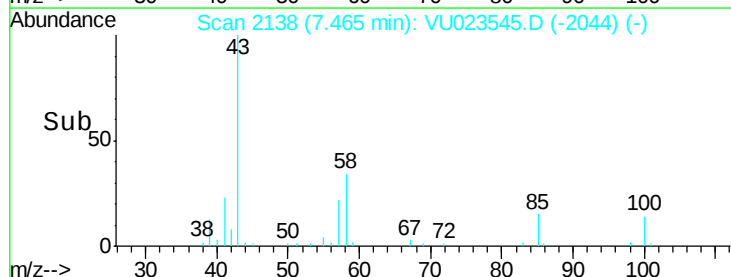
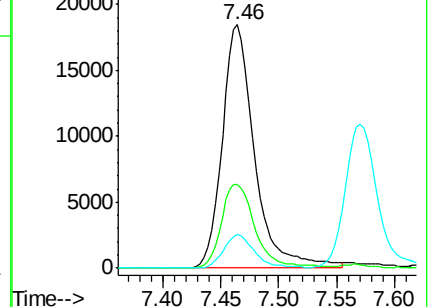
100 12.9 10.7 16.1

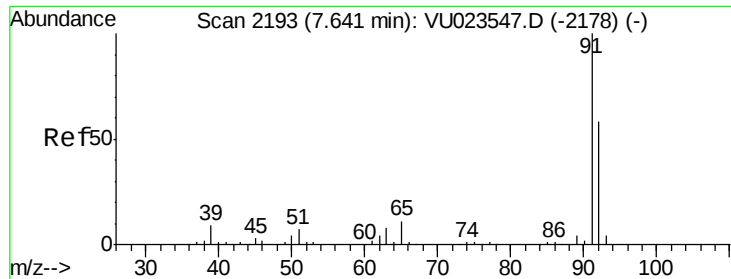


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#42

Toluene

Concen: 5.39 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023545.D

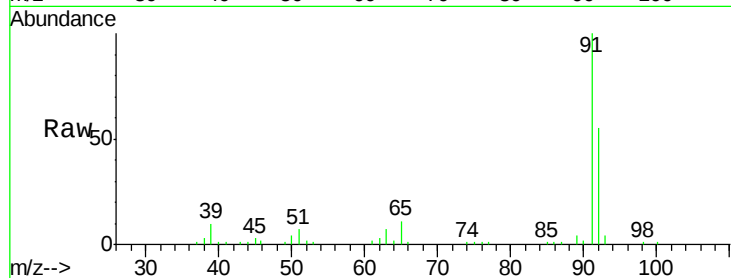
Acq: 01 May 2018 10:29

Tgt Ion: 91 Resp: 56461

Ion Ratio Lower Upper

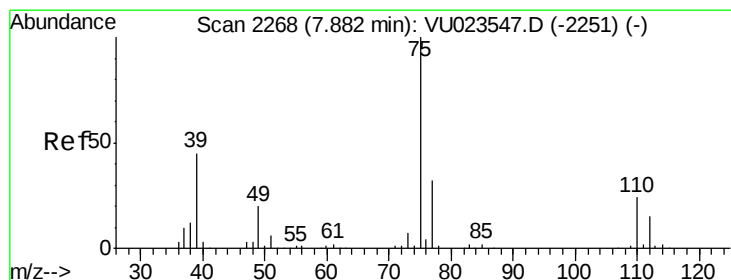
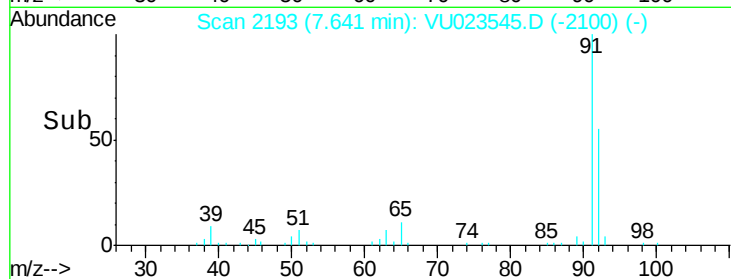
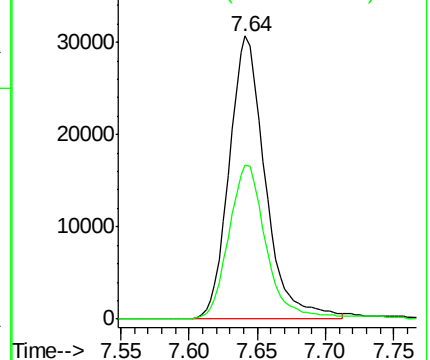
91 100

92 54.6 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: 4.86 ug/L

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU023545.D

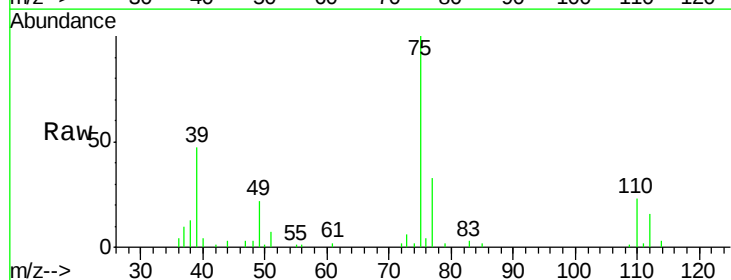
Acq: 01 May 2018 10:29

Tgt Ion: 75 Resp: 17805

Ion Ratio Lower Upper

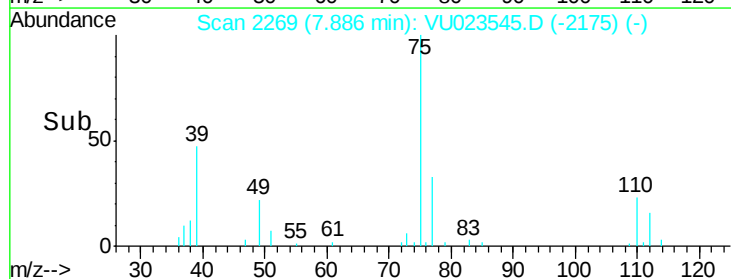
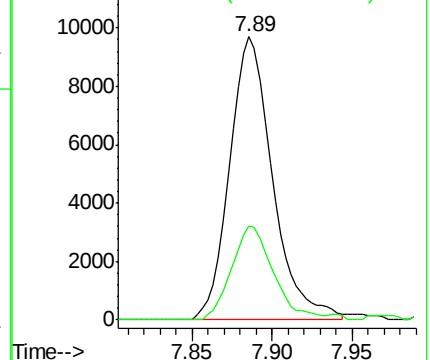
75 100

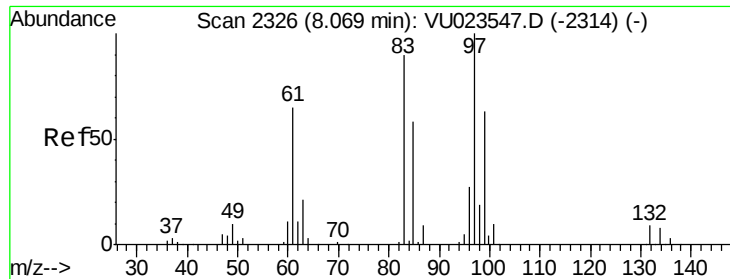
77 33.3 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#45

1,1,2-Trichloroethane

Concen: 5.96 ug/L

RT: 8.07 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

Tgt Ion: 97 Resp: 14792

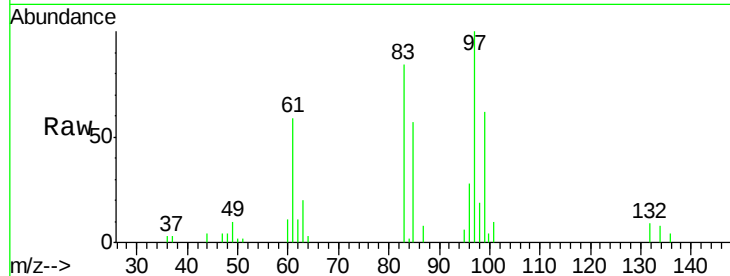
Ion Ratio Lower Upper

97 100

99 62.0 44.2 82.2

83 84.1 63.1 117.1

85 57.1 40.3 74.8

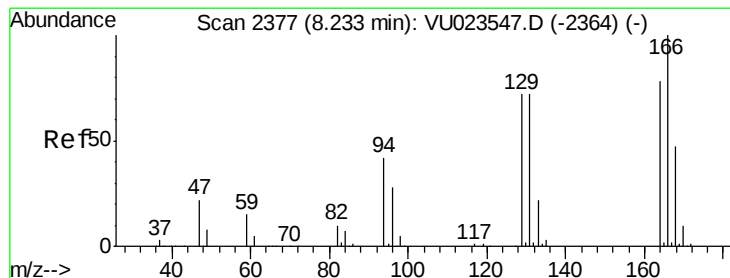
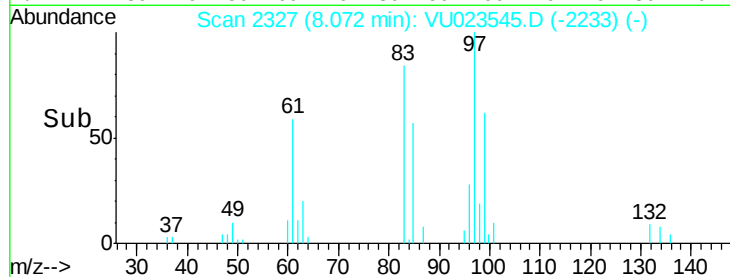
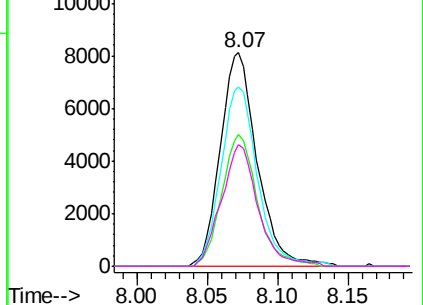


Abundance Ion 97.00 (96.70 to 97.70): VU0

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: 5.96 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

Tgt Ion: 164 Resp: 11980

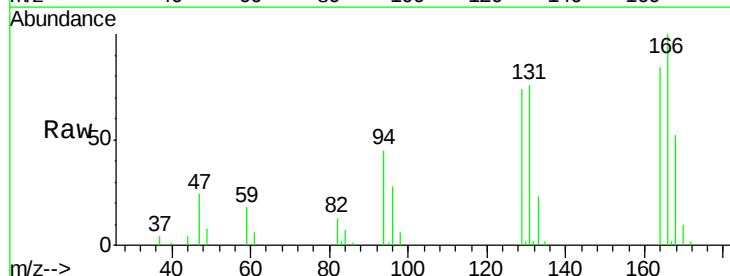
Ion Ratio Lower Upper

164 100

129 88.6 64.2 119.2

131 90.0 64.1 119.1

166 119.0 89.4 166.0

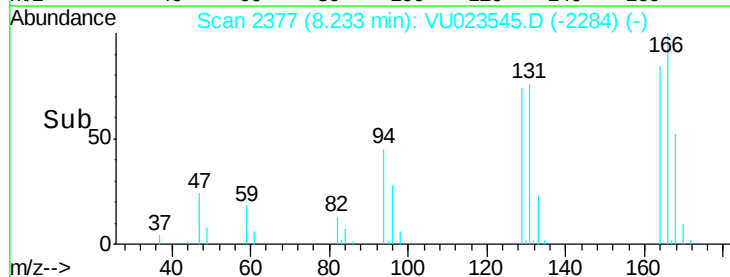
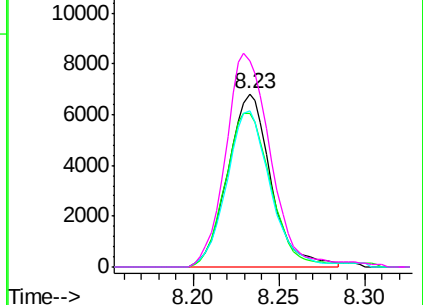


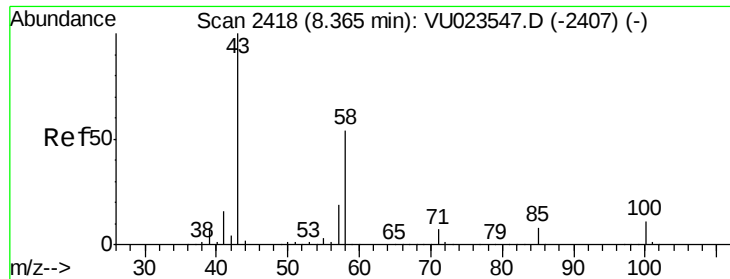
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

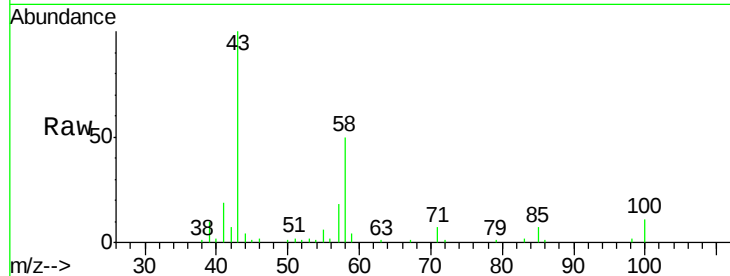
Ion 166.00 (165.70 to 166.70): V



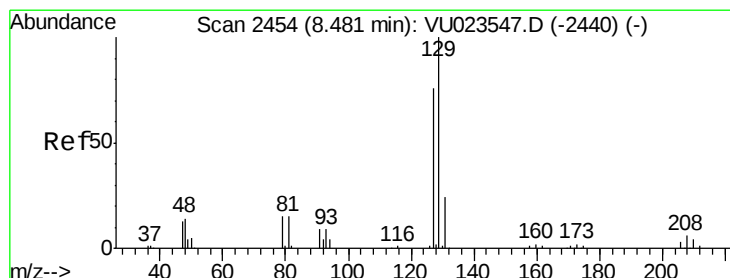
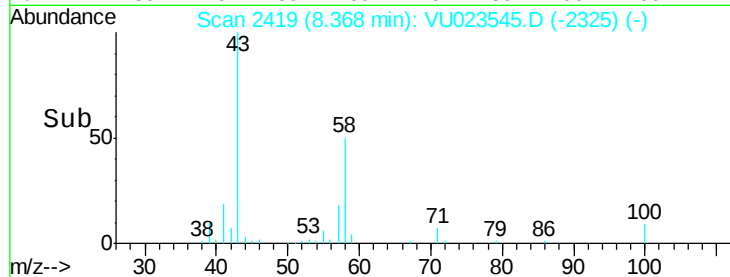
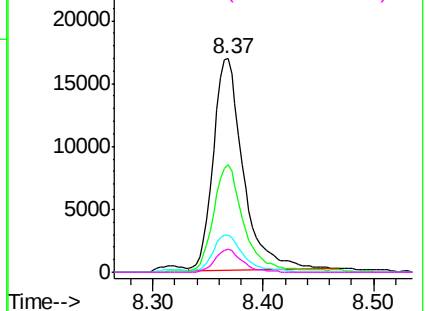


#48
2-Hexanone
Concen: 10.13 ug/L
RT: 8.37 min Scan# 2419
Delta R.T. 0.00 min
Lab File: VU023545.D
Acq: 01 May 2018 10:29

Tgt Ion:	43	Resp:	31899
Ion	Ratio	Lower	Upper
43	100		
58	51.0	43.0	64.6
57	18.1	14.6	22.0
100	9.6	8.4	12.6

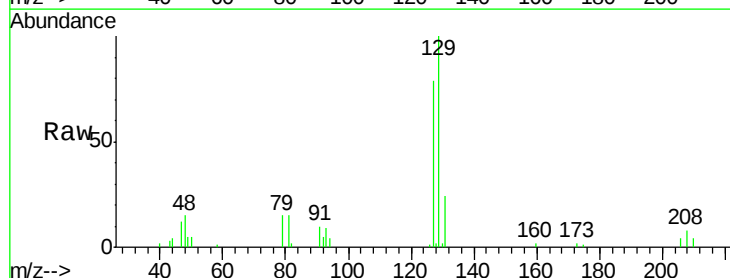


Abundance Ion 43.00 (42.70 to 43.70): VU023545.D (-2325) (-)
Ion 58.00 (57.70 to 58.70): VU023545.D (-2325) (-)
Ion 57.00 (56.70 to 57.70): VU023545.D (-2325) (-)
Ion 100.00 (99.70 to 100.70): VU023545.D (-2325) (-)

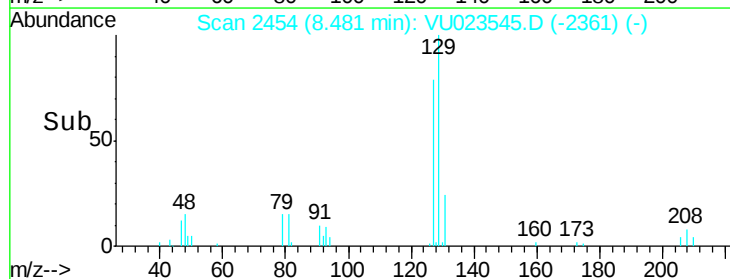
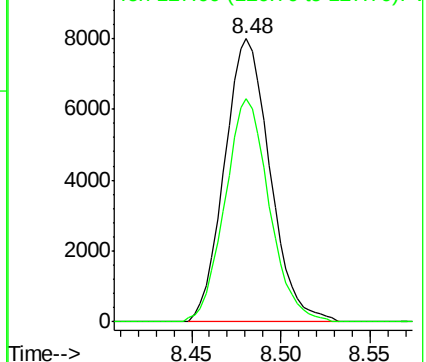


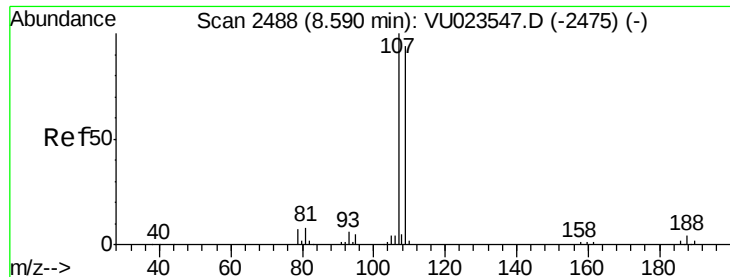
#49
Dibromochloromethane
Concen: 5.47 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU023545.D
Acq: 01 May 2018 10:29

Tgt Ion:	129	Resp:	14153
Ion	Ratio	Lower	Upper
129	100		
127	79.0	53.3	99.1



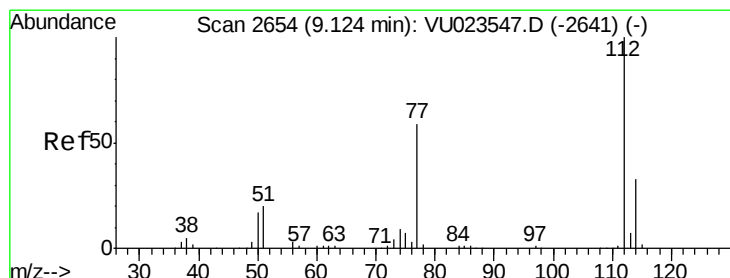
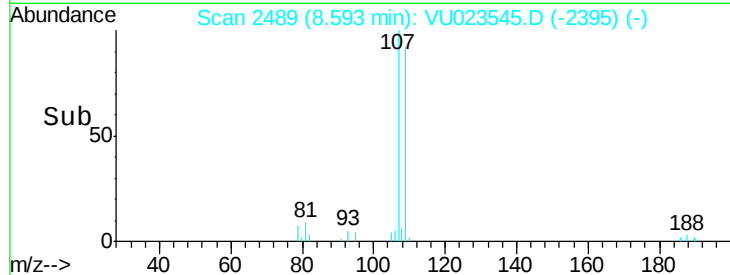
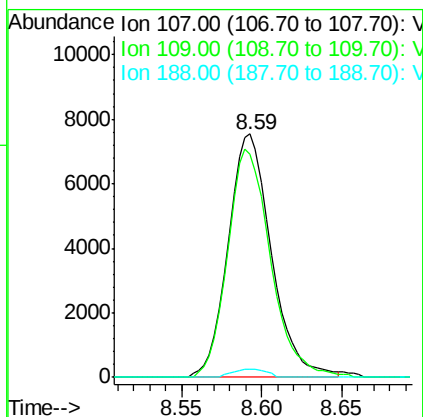
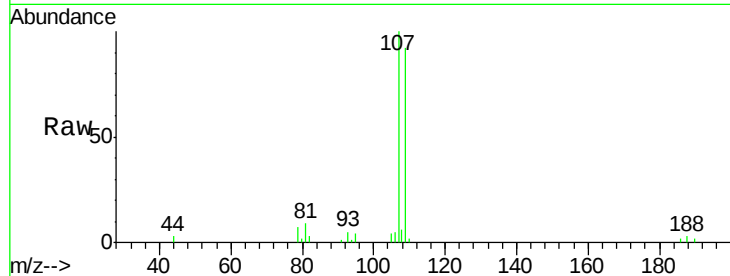
Abundance Ion 129.00 (128.70 to 129.70): VU023545.D (-2361) (-)
Ion 127.00 (126.70 to 127.70): VU023545.D (-2361) (-)





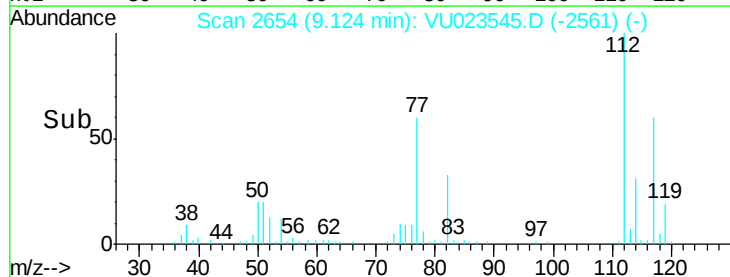
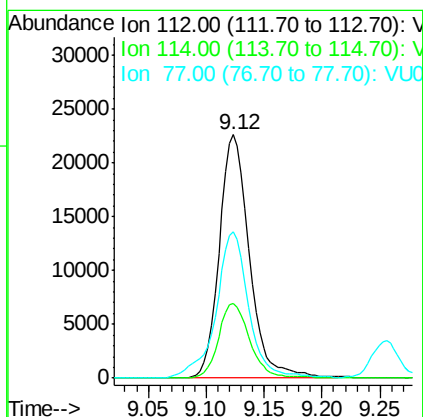
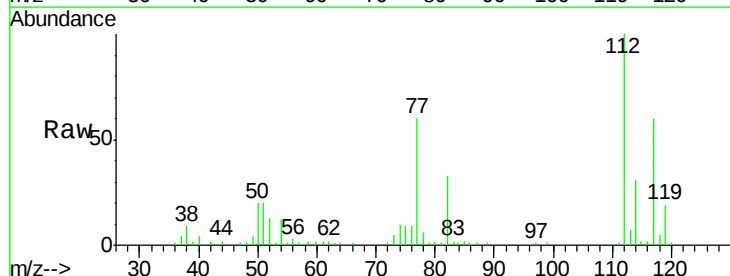
#50
1,2-Dibromoethane
Concen: 5.49 ug/L
RT: 8.59 min Scan# 2489
Delta R.T. 0.00 min
Lab File: VU023545.D
Acq: 01 May 2018 10:29

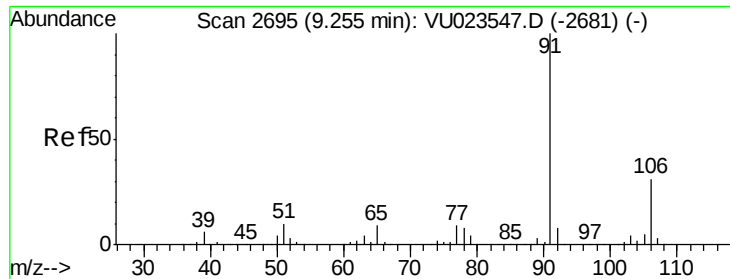
Tgt Ion:107 Resp: 13934
Ion Ratio Lower Upper
107 100
109 91.7 66.1 122.7
188 3.3 3.2 4.8



#51
Chlorobenzene
Concen: 6.07 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU023545.D
Acq: 01 May 2018 10:29

Tgt Ion:112 Resp: 40763
Ion Ratio Lower Upper
112 100
114 30.6 22.7 42.3
77 60.0 47.5 71.3





#52

Ethylbenzene

Concen: 5.28 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023545.D

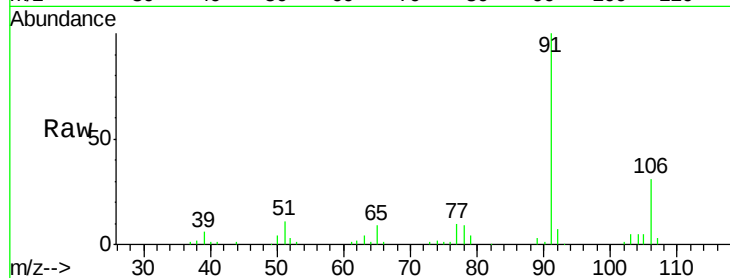
Acq: 01 May 2018 10:29

Tgt Ion: 91 Resp: 59300

Ion Ratio Lower Upper

91 100

106 30.9 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

9.26

40000

30000

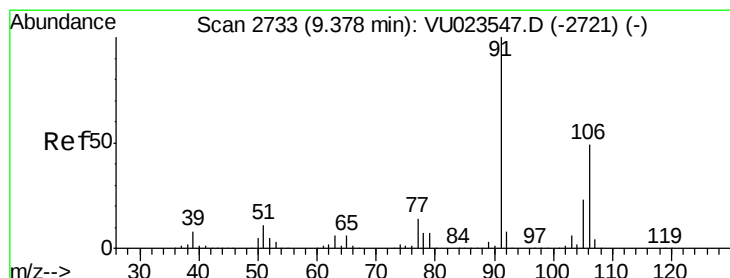
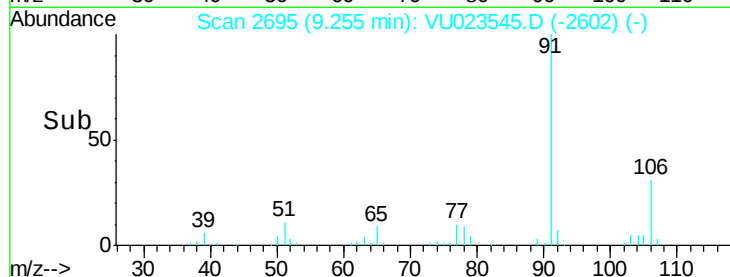
20000

10000

0

9.20 9.25 9.30

Time-->



#53

m,p-Xylene

Concen: 5.36 ug/L

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU023545.D

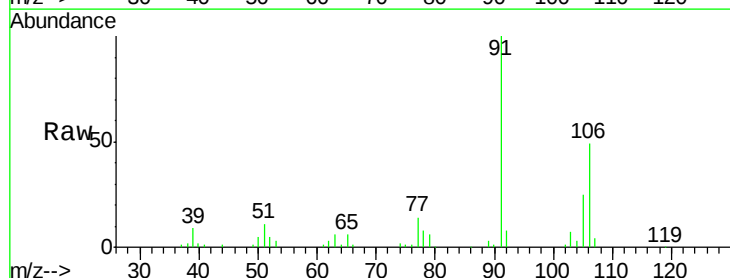
Acq: 01 May 2018 10:29

Tgt Ion: 106 Resp: 22393

Ion Ratio Lower Upper

106 100

91 204.4 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

9.38

30000

25000

20000

15000

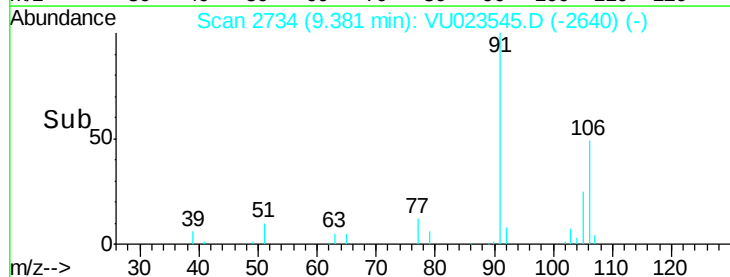
10000

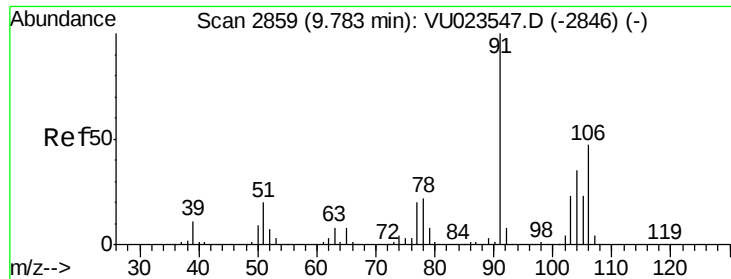
5000

0

9.30 9.35 9.40 9.45 9.50

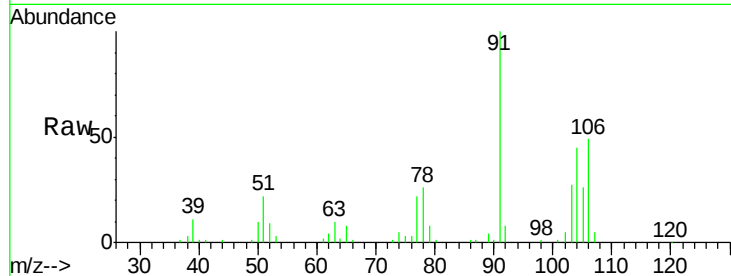
Time-->



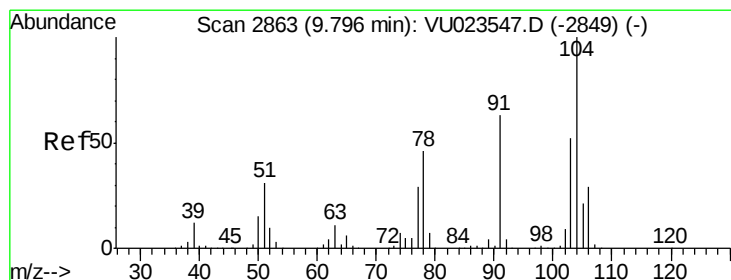
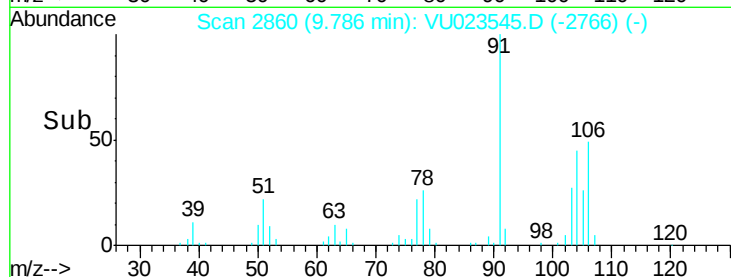
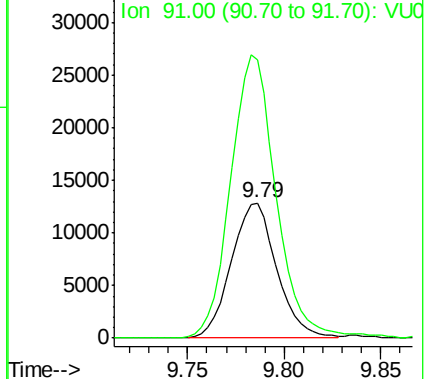


#54
o-xylene
Concen: 5.12 ug/L
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU023545.D
Acq: 01 May 2018 10:29

Tgt Ion:106 Resp: 21017
Ion Ratio Lower Upper
106 100
91 206.2 148.9 276.5

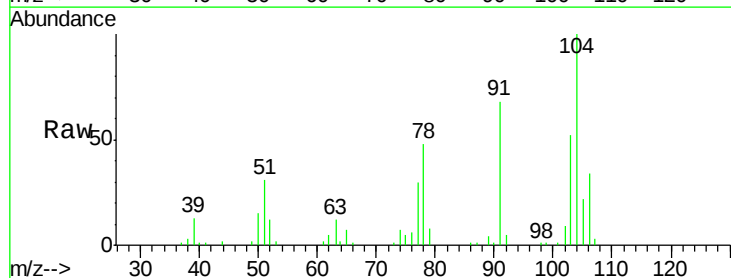


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

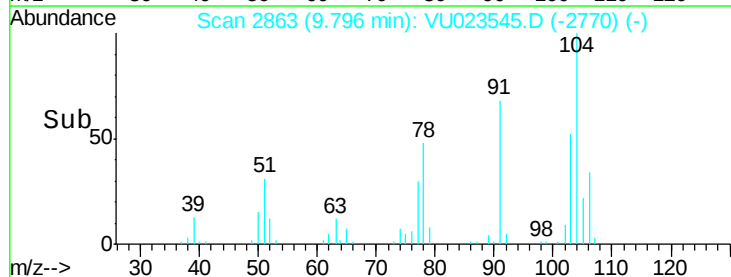
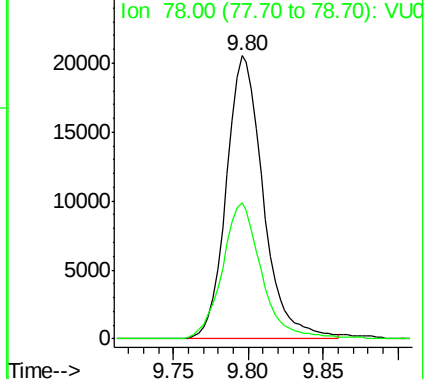


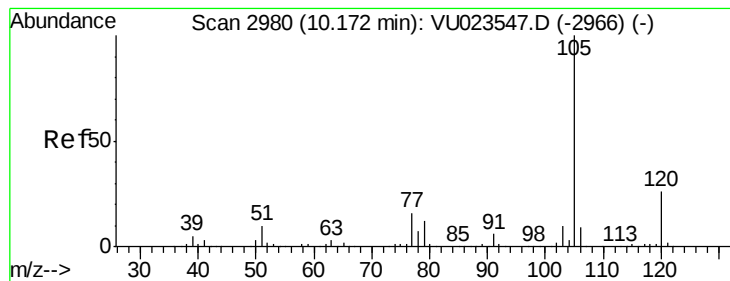
#55
Styrene
Concen: 5.07 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU023545.D
Acq: 01 May 2018 10:29

Tgt Ion:104 Resp: 35387
Ion Ratio Lower Upper
104 100
78 48.2 32.1 59.7



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





#56

Isopropylbenzene

Concen: 5.15 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

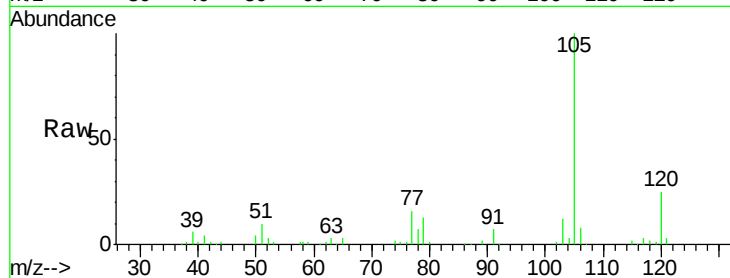
Tgt Ion: 105 Resp: 55065

Ion Ratio Lower Upper

105 100

120 26.0 20.9 31.3

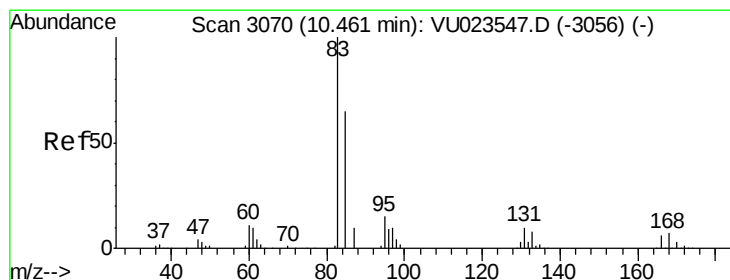
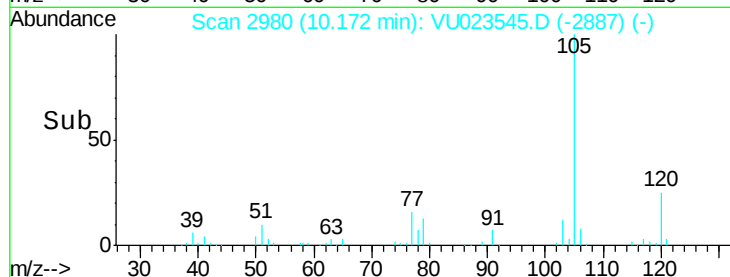
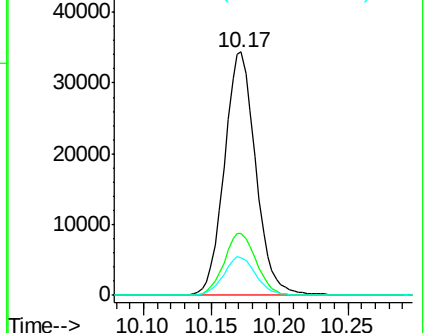
77 16.2 12.6 18.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 5.42 ug/L

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

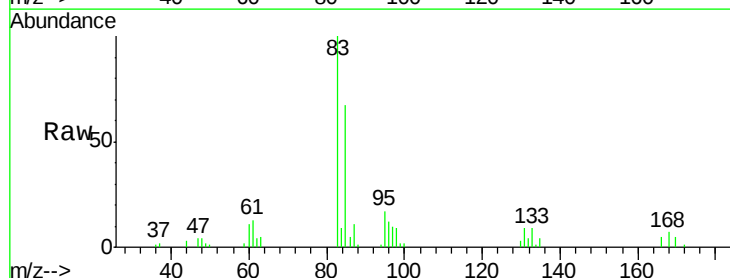
Tgt Ion: 83 Resp: 22948

Ion Ratio Lower Upper

83 100

85 66.5 45.6 84.6

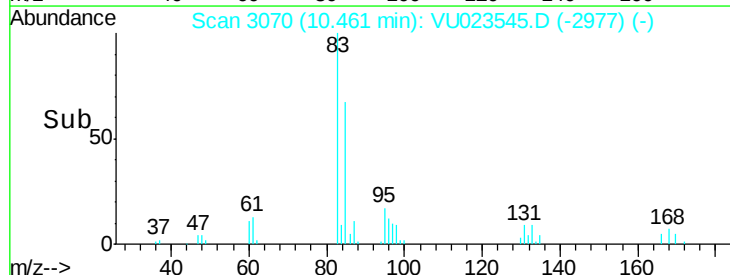
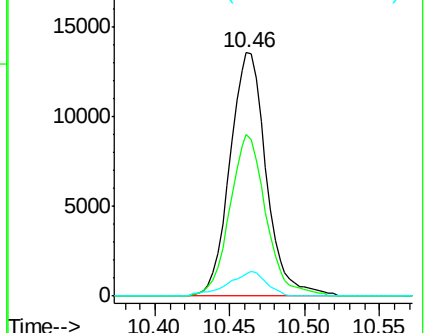
131 9.3 7.9 11.9

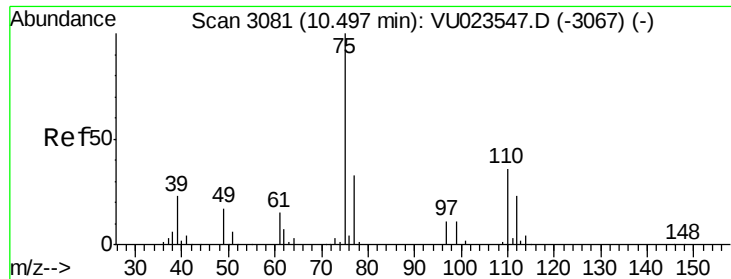


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

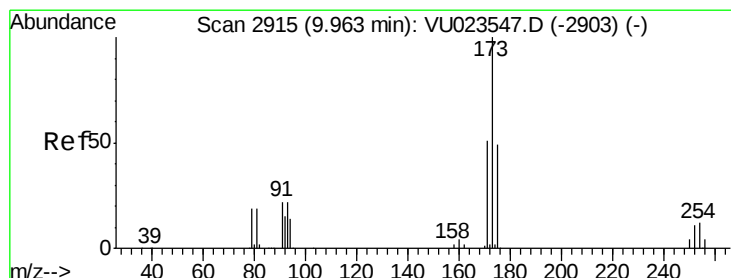
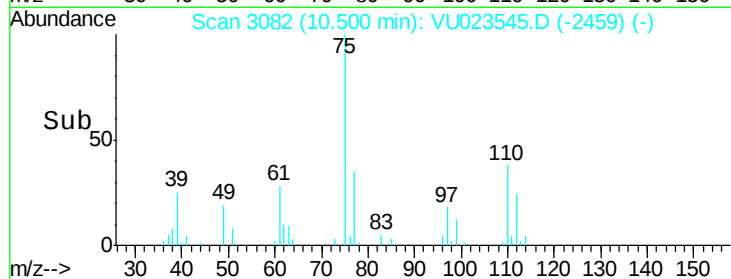
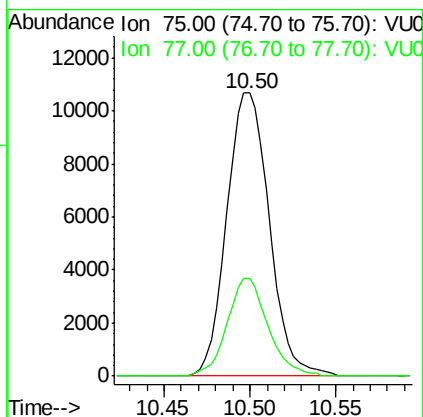
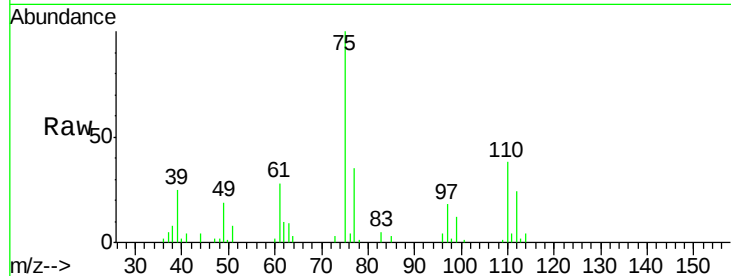
Ion 131.00 (130.70 to 131.70): V





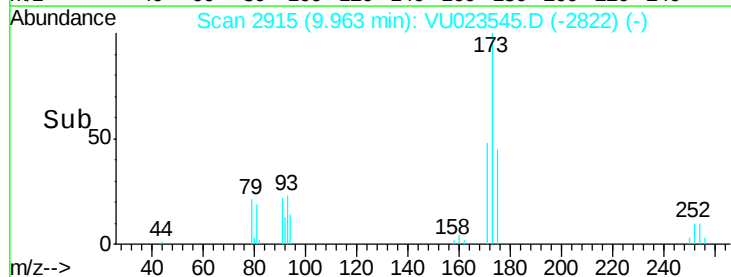
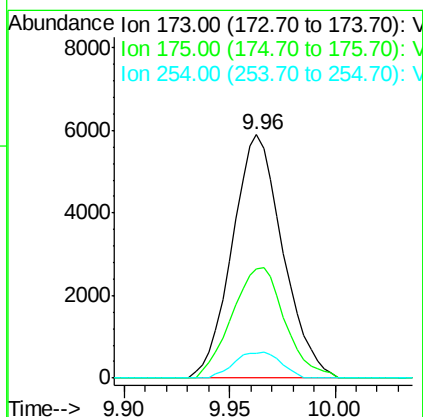
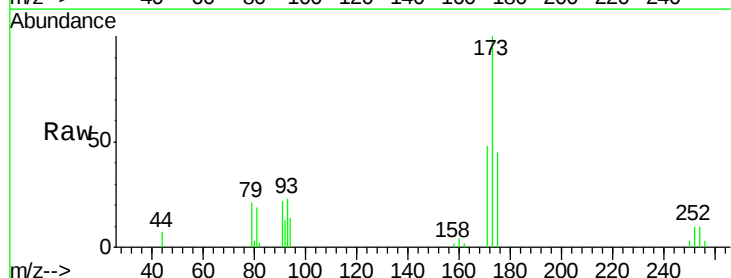
#59
 1,2,3-Trichloropropane
 Concen: 5.40 ug/L
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU023545.D
 Acq: 01 May 2018 10:29

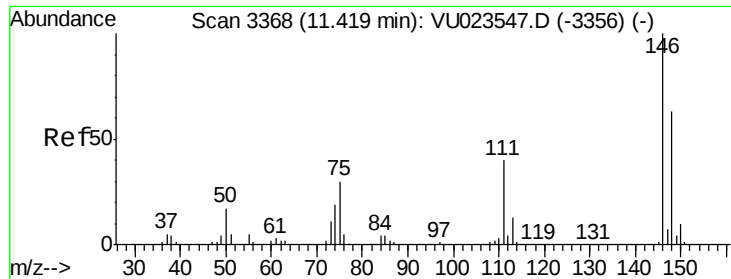
Tgt Ion: 75 Resp: 18393
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.9 38.9



#61
 Bromoform
 Concen: 5.19 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. 0.00 min
 Lab File: VU023545.D
 Acq: 01 May 2018 10:29

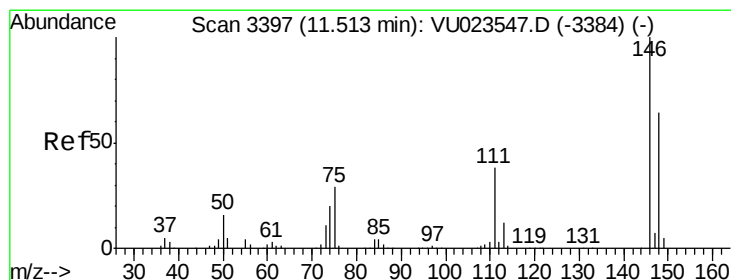
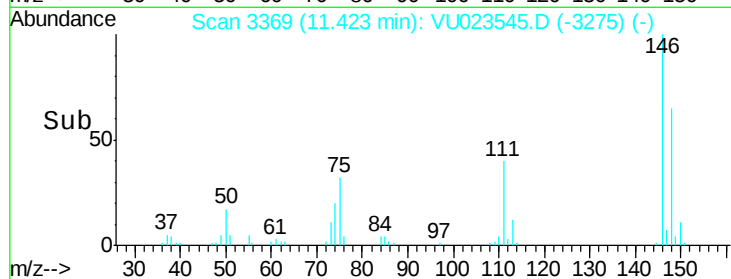
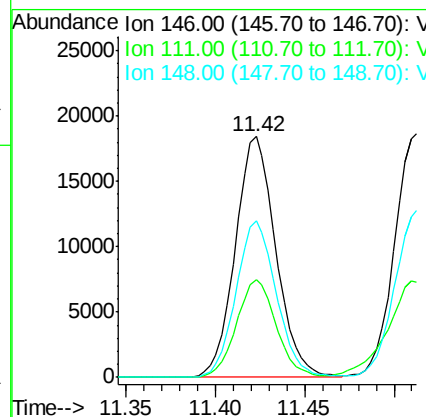
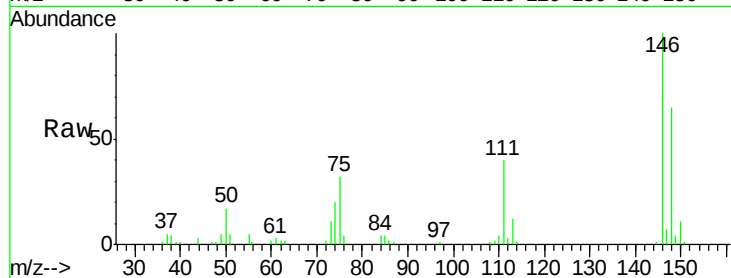
Tgt Ion: 173 Resp: 9811
 Ion Ratio Lower Upper
 173 100
 175 47.5 39.0 58.4
 254 10.0 8.8 13.2





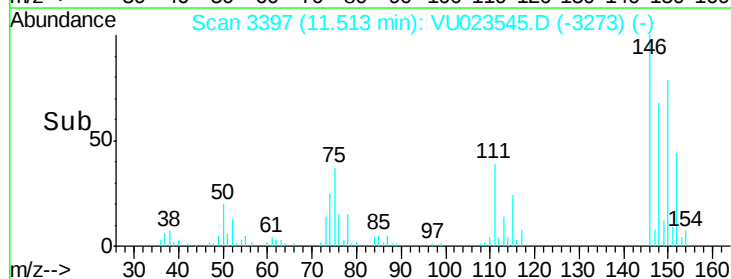
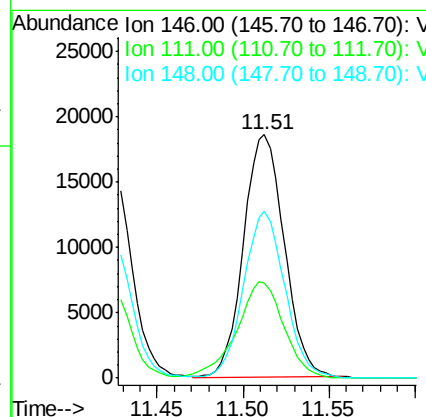
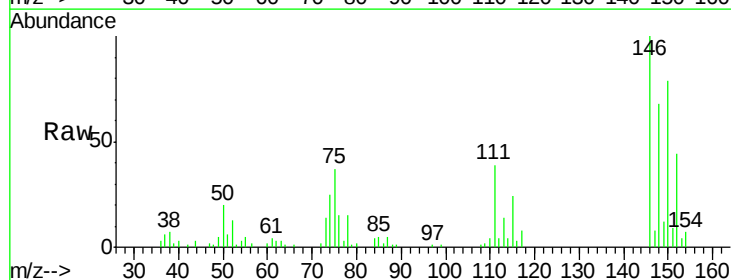
#62
 1,3-Dichlorobenzene
 Concen: 5.88 ug/L
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU023545.D
 Acq: 01 May 2018 10:29

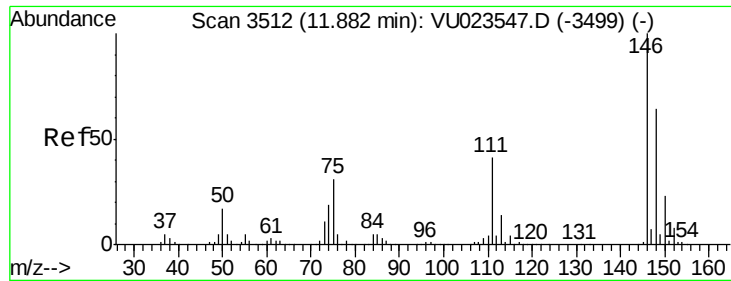
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	27.9	51.7
148	64.9	44.4	82.5



#63
 1,4-Dichlorobenzene
 Concen: 5.91 ug/L
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU023545.D
 Acq: 01 May 2018 10:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	26.8	49.8
148	68.5	44.8	83.2





#65

1,2-Dichlorobenzene

Concen: 5.80 ug/L

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

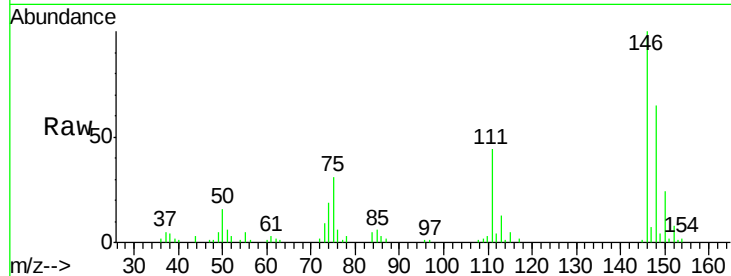
Tgt Ion: 146 Resp: 30613

Ion Ratio Lower Upper

146 100

111 43.9 32.9 49.3

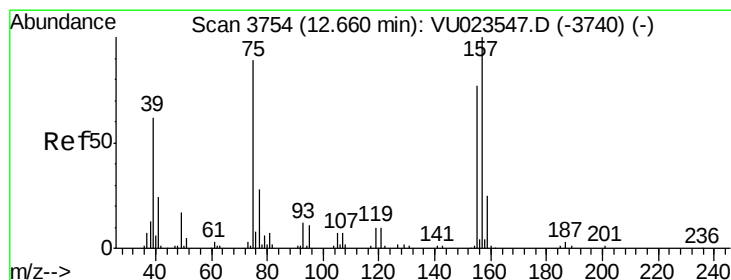
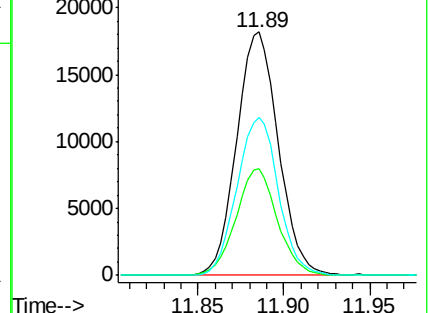
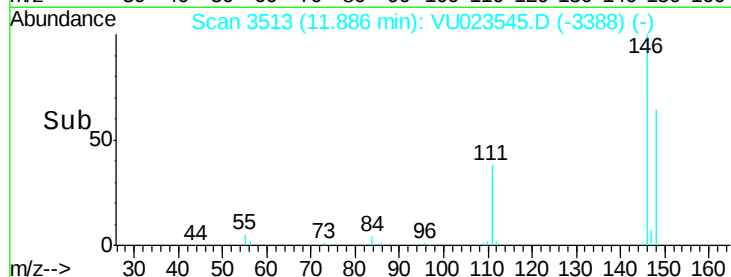
148 64.8 51.0 76.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 4.77 ug/L

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU023545.D

Acq: 01 May 2018 10:29

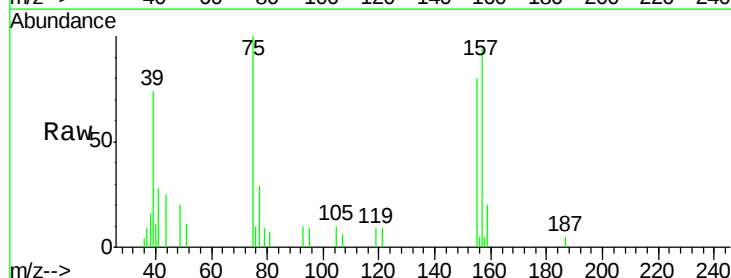
Tgt Ion: 75 Resp: 4167

Ion Ratio Lower Upper

75 100

155 80.3 68.9 103.3

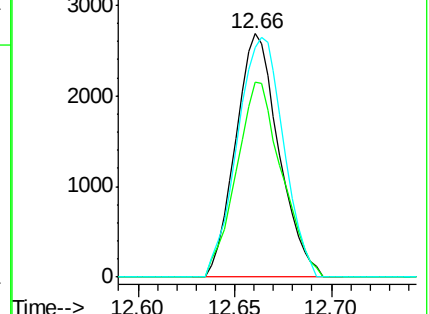
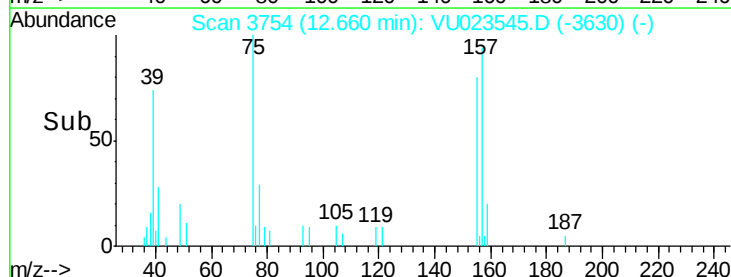
157 94.1 89.9 134.9

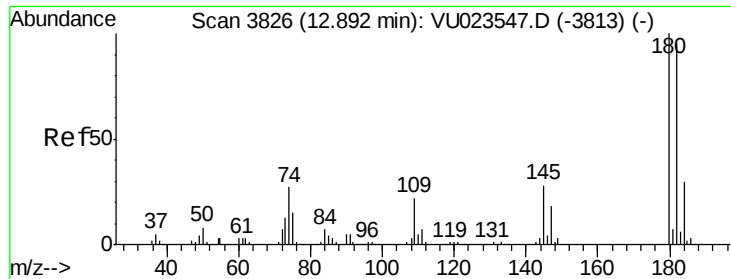


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

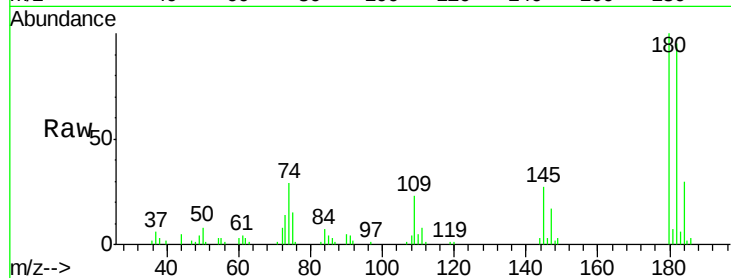
Ion 157.00 (156.70 to 157.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 6.12 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. 0.00 min
 Lab File: VU023545.D
 Acq: 01 May 2018 10:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.5	114.7
184	29.6	24.1	36.1
145	27.8	22.2	33.4

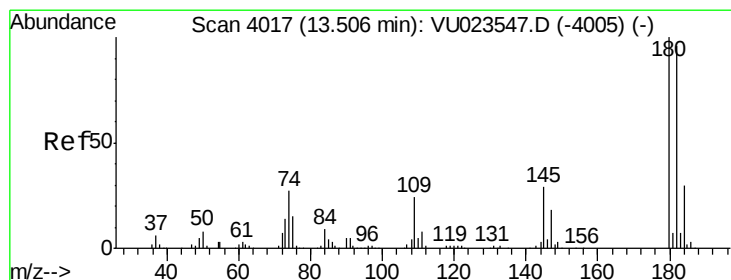
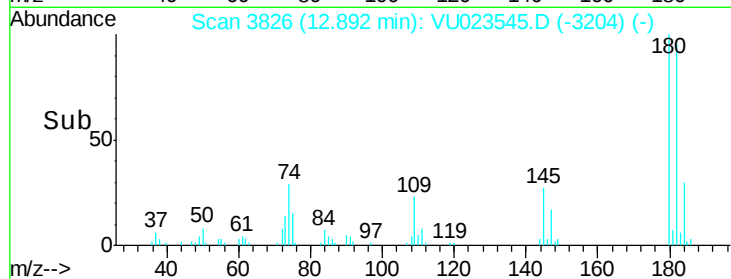
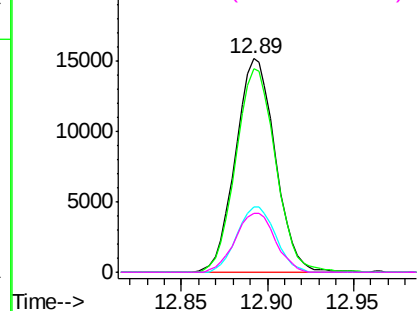


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

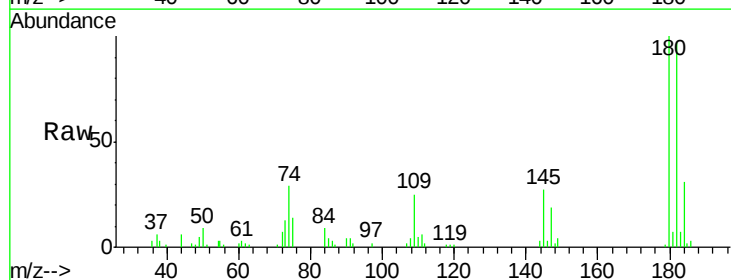
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 5.29 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU023545.D
 Acq: 01 May 2018 10:29

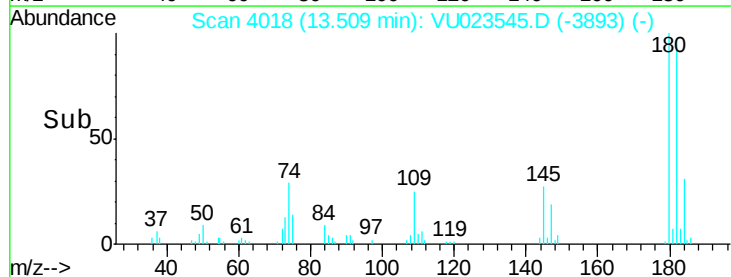
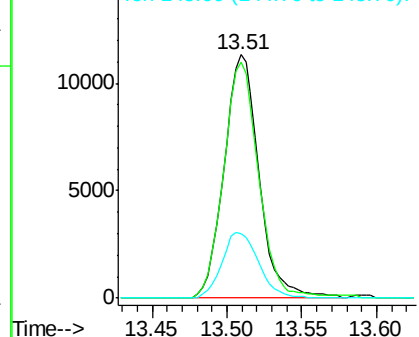
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.1	115.7
145	28.0	23.4	35.0

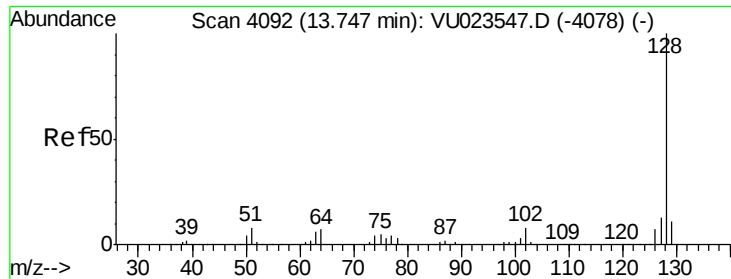


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

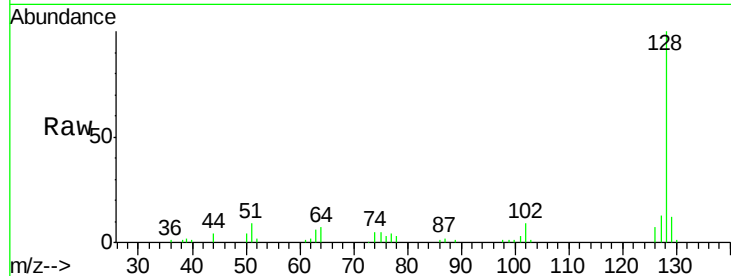
Ion 145.00 (144.70 to 145.70): V



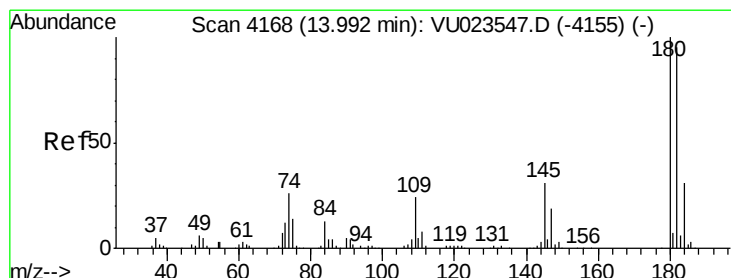
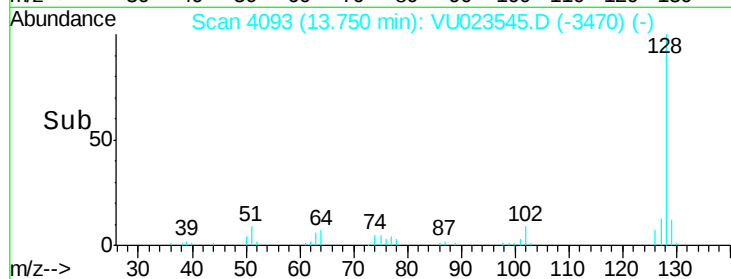
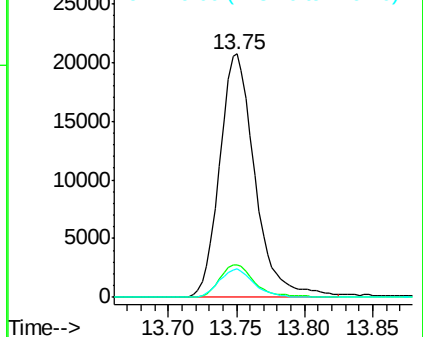


#69
Naphthalene
Concen: 3.44 ug/L
RT: 13.75 min Scan# 4093
Delta R.T. 0.00 min
Lab File: VU023545.D
Acq: 01 May 2018 10:29

Tgt Ion:128 Resp: 37362
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.6 13.0

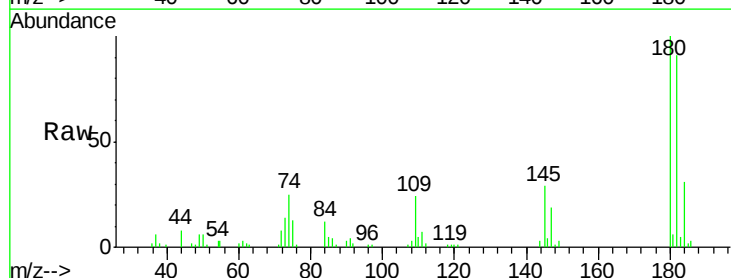


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#70
1,2,3-Trichlorobenzene
Concen: 5.01 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU023545.D
Acq: 01 May 2018 10:29

Tgt Ion:180 Resp: 18844
Ion Ratio Lower Upper
180 100
182 93.2 76.2 114.4
145 29.0 24.3 36.5



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

