

Data File : VU023547.D
Acq On : 01 May 2018 11:21
Operator : MD/SY
Sample : VSTD05059
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 02:17:28 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	335833	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	327008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	168762	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119849	55.37	ug/L	0.00
7) Chloroethane-d5	1.68	69	90899	52.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	235223	53.12	ug/L	0.00
21) 2-Butanone-d5	4.18	46	172175	91.83	ug/L	0.00
24) Chloroform-d	4.65	84	201489	47.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	138714	48.87	ug/L	0.00
32) Benzene-d6	5.35	84	448823	49.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	147357	47.13	ug/L	0.00
41) Toluene-d8	7.57	98	424481	50.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	65983	49.43	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	117568	85.73	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	189206	46.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	162748	47.12	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	172898	52.58	ug/L	100
3) Chloromethane	1.33	50	184996	44.86	ug/L	100
5) Vinyl chloride	1.40	62	177248	51.58	ug/L	100
6) Bromomethane	1.63	94	96319	59.71	ug/L	100
8) Chloroethane	1.70	64	102091	51.45	ug/L	100
9) Trichlorofluoromethane	1.89	101	197840	51.54	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	127668	51.99	ug/L	100
12) 1,1-Dichloroethene	2.29	96	119556	53.01	ug/L	100
13) Acetone	2.32	43	230243	125.18	ug/L	100
14) Carbon disulfide	2.48	76	404283	52.79	ug/L	100
15) Methyl Acetate	2.62	43	156575	47.93	ug/L	100
16) Methylene chloride	2.71	84	144983	49.28	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	129459	52.57	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	389840	50.88	ug/L	100
19) 1,1-Dichloroethane	3.45	63	256935	50.93	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	144381	52.45	ug/L	100
22) 2-Butanone	4.26	43	266899	109.84	ug/L	100
23) Bromochloromethane	4.55	128	72552	52.23	ug/L	100
25) Chloroform	4.68	83	261418	53.82	ug/L	100
27) 1,2-Dichloroethane	5.41	62	196018	50.49	ug/L	100
29) Cyclohexane	5.00	56	242942	49.78	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	197695	49.13	ug/L	100
31) Carbon tetrachloride	5.14	117	171300	49.29	ug/L	100
33) Benzene	5.39	78	563741	49.53	ug/L	100
34) Trichloroethene	6.19	95	139021	50.49	ug/L	100
35) Methylcyclohexane	6.42	83	228196	48.96	ug/L	100
37) 1,2-Dichloropropane	6.44	63	157355	48.49	ug/L	100
38) Bromodichloromethane	6.76	83	178423	49.42	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	225533	50.60	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	403830	94.85	ug/L	100

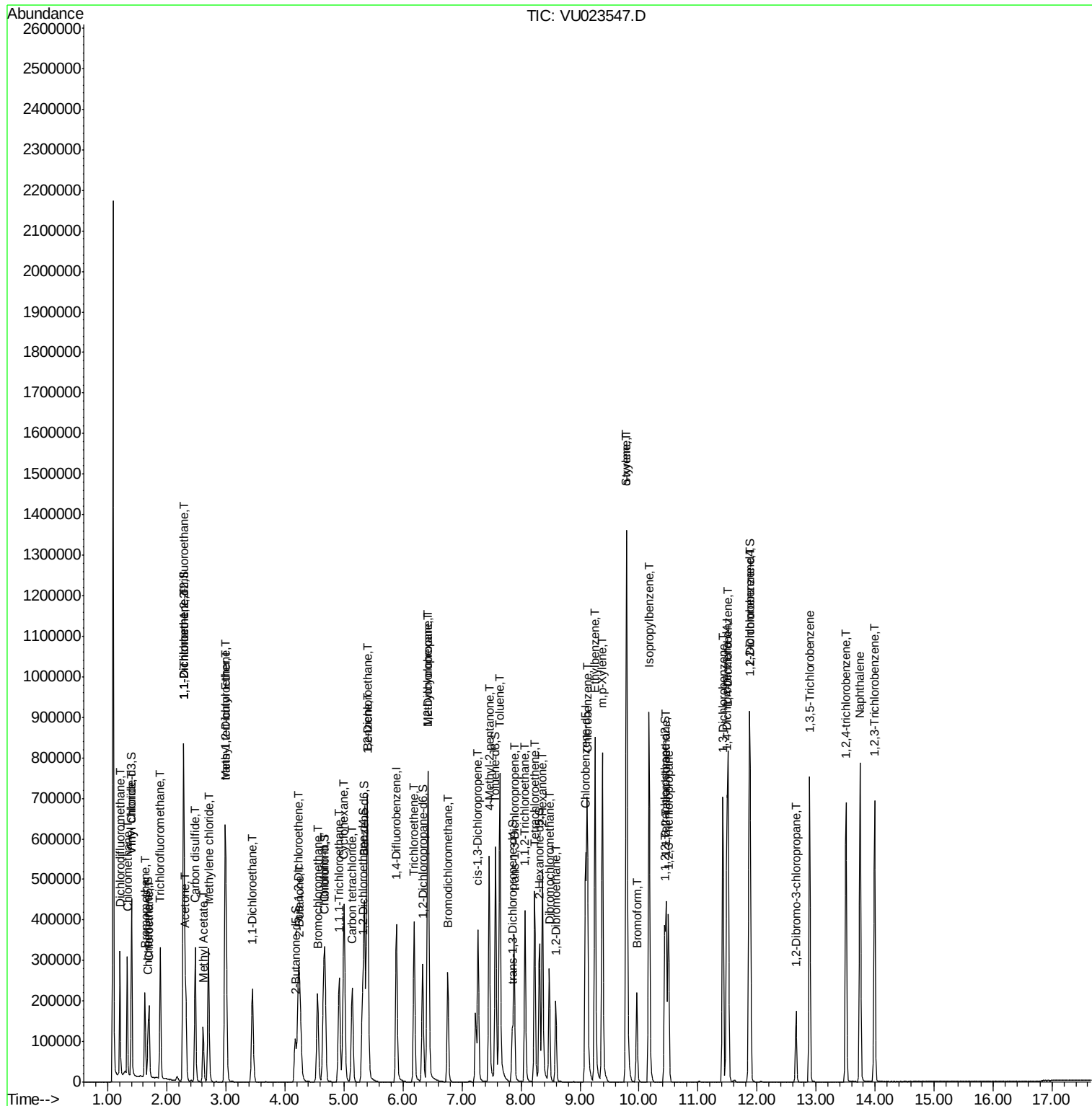
Data File : VU023547.D
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Operator : MD/SY
Sample : VSTD05059
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

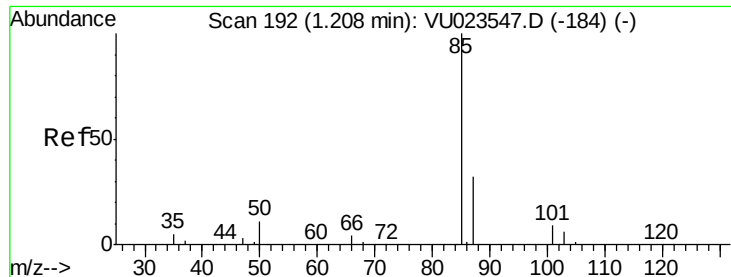
Quant Time: May 02 02:17:28 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 02 02:16:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	596284	52.16	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	201113	50.32	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	132396	48.89	ug/L	100
46) Tetrachloroethene	8.23	164	116221	52.99	ug/L	100
48) 2-Hexanone	8.36	43	351620	102.35	ug/L	100
49) Dibromochloromethane	8.48	129	143449	50.83	ug/L	100
50) 1,2-Dibromoethane	8.59	107	134439	48.56	ug/L	100
51) Chlorobenzene	9.12	112	379403	51.78	ug/L	100
52) Ethylbenzene	9.26	91	644935	52.69	ug/L	100
53) m,p-Xylene	9.38	106	248220	54.45	ug/L	100
54) o-xylene	9.78	106	237409	53.07	ug/L	100
55) Styrene	9.80	104	418702	54.96	ug/L	100
56) Isopropylbenzene	10.17	105	616814	52.92	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	218088	47.25	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	173701	46.79	ug/L	100
61) Bromoform	9.96	173	101226	46.64	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	290837	50.83	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	305779	51.53	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	297845	49.16	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	43503	43.36	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	244795	53.24	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	212360	53.20	ug/L	100
69) Naphthalene	13.75	128	619222	49.61	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	221915	51.42	ug/L	100

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

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#2

Dichlorodifluoromethane

Concen: 52.58 ug/L

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU023547.D

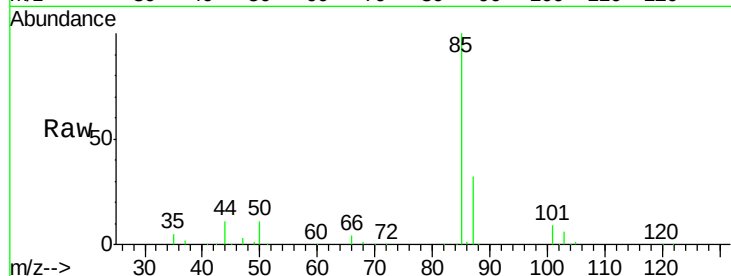
Acq: 01 May 2018 11:21

Tgt Ion: 85 Resp: 172898

Ion Ratio Lower Upper

85 100

87 32.0 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

200000

150000

100000

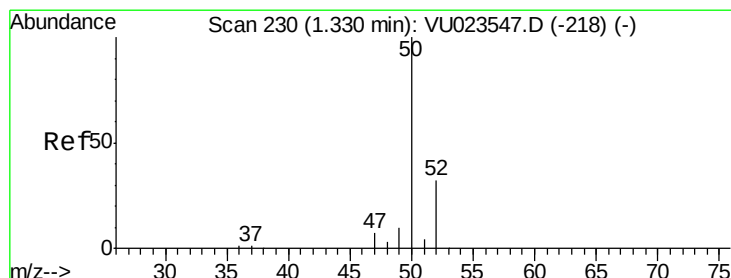
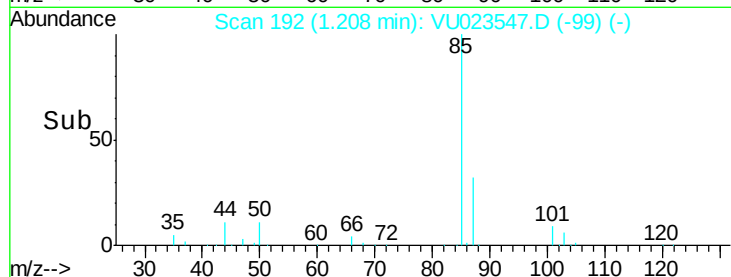
50000

0

1.21

1.15 1.20 1.25 1.30

Time-->



#3

Chloromethane

Concen: 44.86 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU023547.D

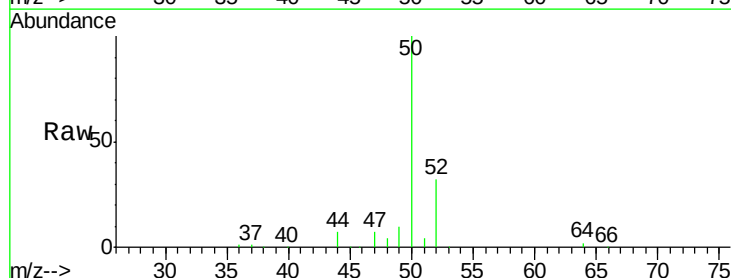
Acq: 01 May 2018 11:21

Tgt Ion: 50 Resp: 184996

Ion Ratio Lower Upper

50 100

52 32.4 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

200000

150000

100000

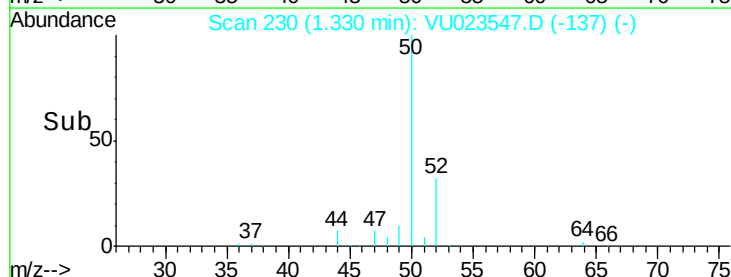
50000

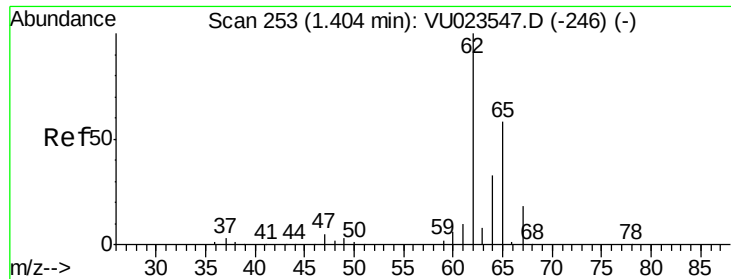
0

1.33

1.25 1.30 1.35 1.40

Time-->





#5

Vinyl chloride

Concen: 51.58 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023547.D

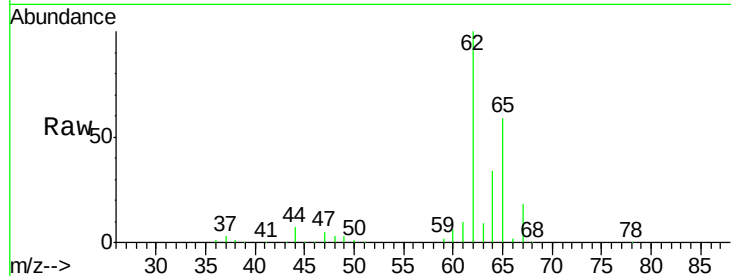
Acq: 01 May 2018 11:21

Tgt Ion: 62 Resp: 177248

Ion Ratio Lower Upper

62 100

64 34.4 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

200000

150000

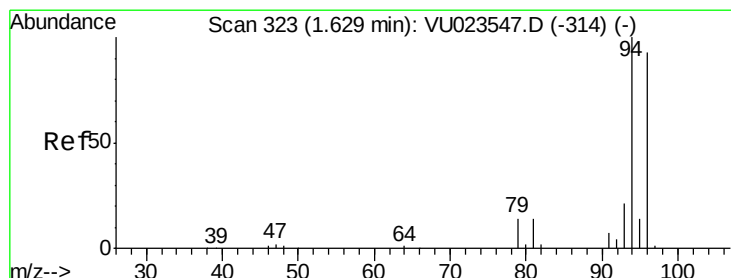
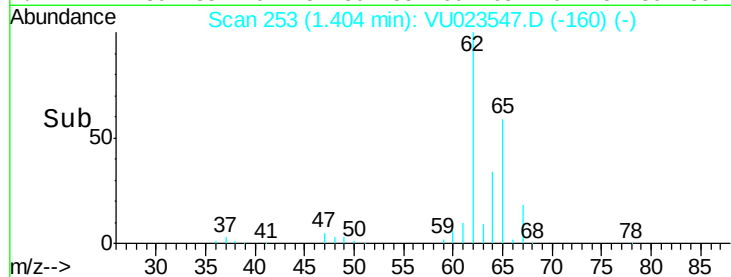
100000

50000

0

1.35 1.40 1.45

Time-->



#6

Bromomethane

Concen: 59.71 ug/L

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU023547.D

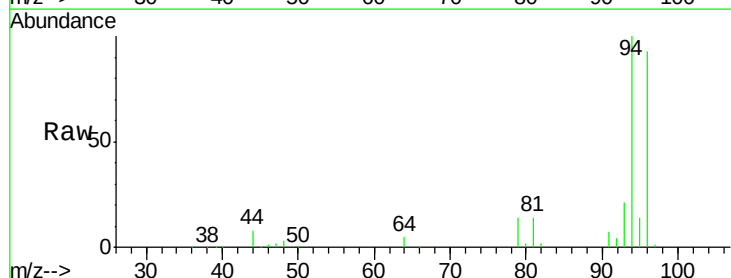
Acq: 01 May 2018 11:21

Tgt Ion: 94 Resp: 96319

Ion Ratio Lower Upper

94 100

96 93.3 65.3 121.3



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

80000

60000

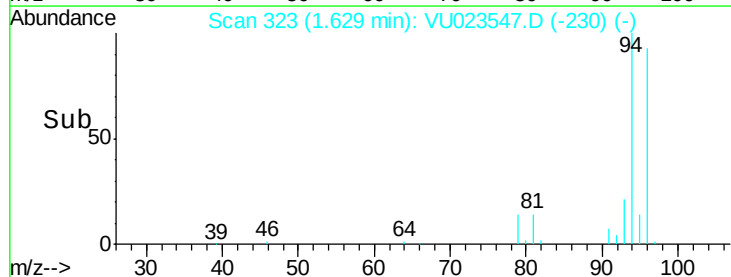
40000

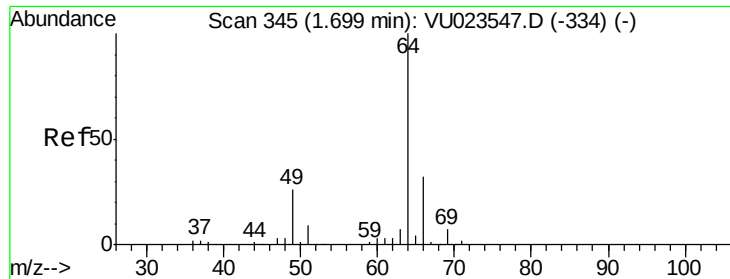
20000

0

1.55 1.60 1.65 1.70

Time-->





#8

Chloroethane

Concen: 51.45 ug/L

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU023547.D

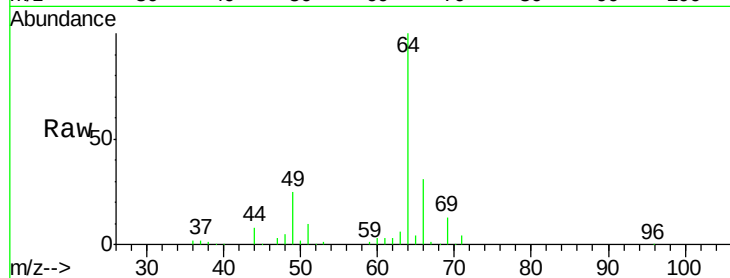
Acq: 01 May 2018 11:21

Tgt Ion: 64 Resp: 102091

Ion Ratio Lower Upper

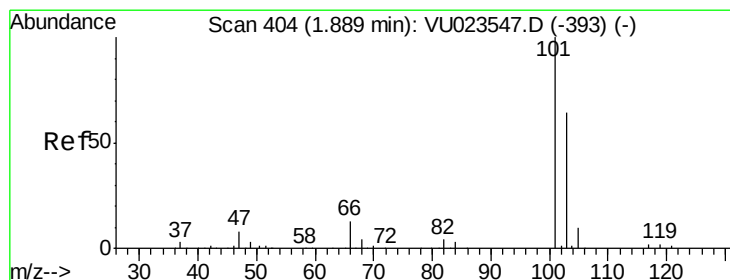
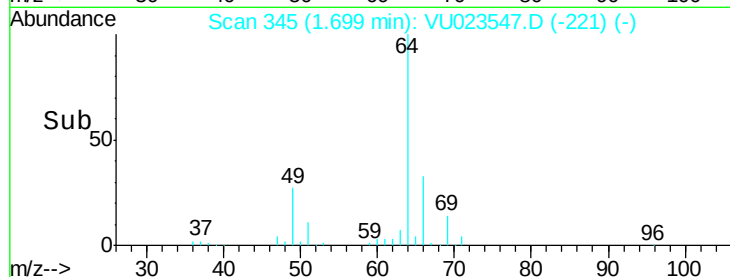
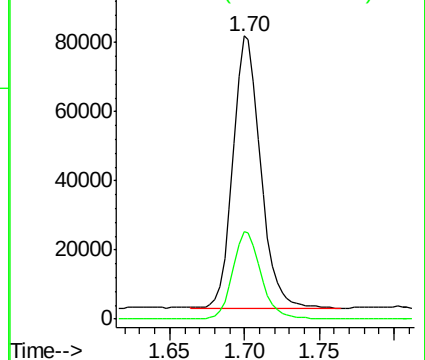
64 100

66 31.0 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: 51.54 ug/L

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU023547.D

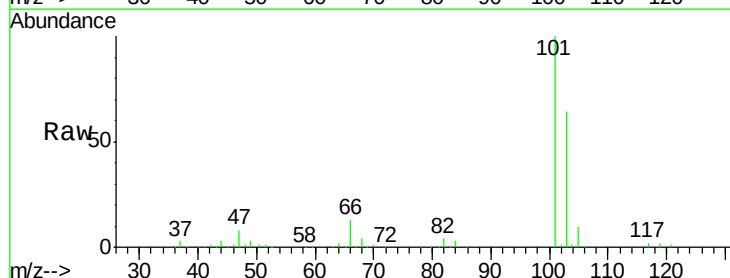
Acq: 01 May 2018 11:21

Tgt Ion: 101 Resp: 197840

Ion Ratio Lower Upper

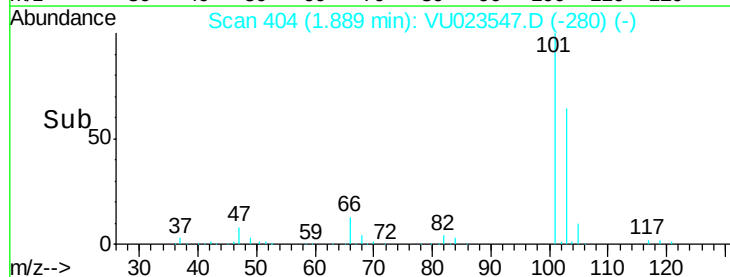
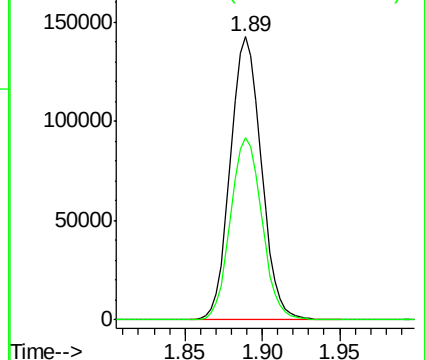
101 100

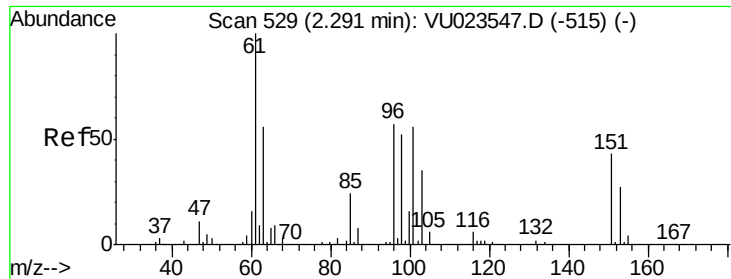
103 65.3 52.2 78.4



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: 51.99 ug/L

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU023547.D

Acq: 01 May 2018 11:21

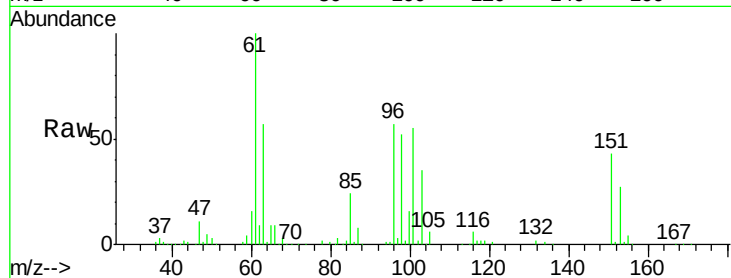
Tgt Ion: 101 Resp: 127668

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

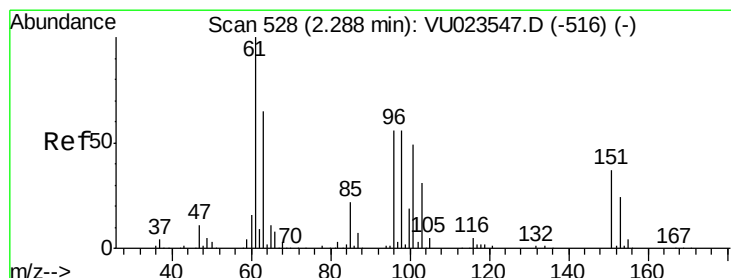
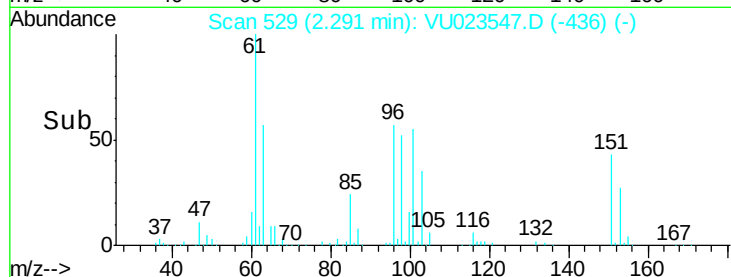
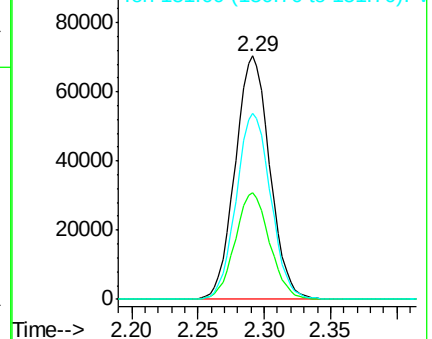
151 76.3 61.0 91.6



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: 53.01 ug/L

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU023547.D

Acq: 01 May 2018 11:21

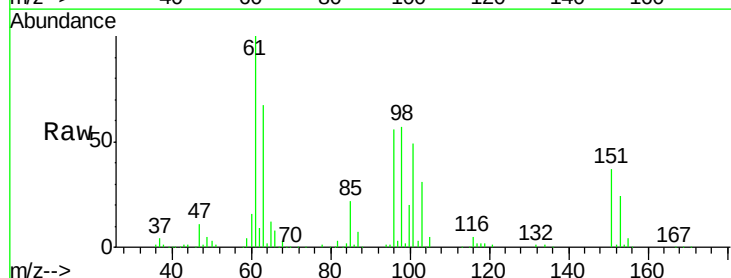
Tgt Ion: 96 Resp: 119556

Ion Ratio Lower Upper

96 100

61 179.8 125.9 233.7

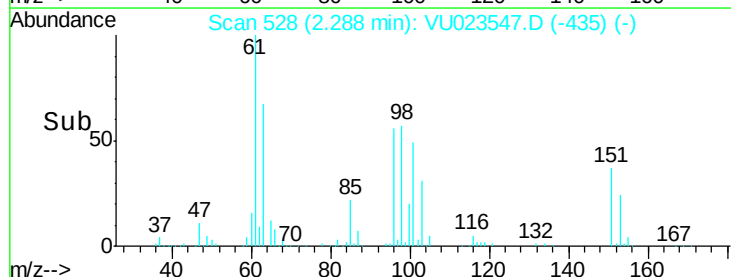
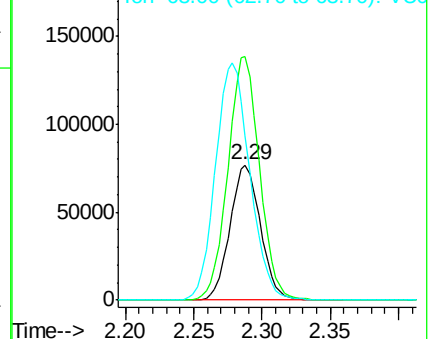
63 121.2 84.8 157.6

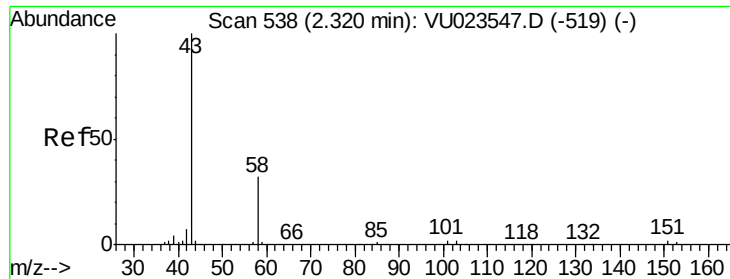


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 125.18 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU023547.D

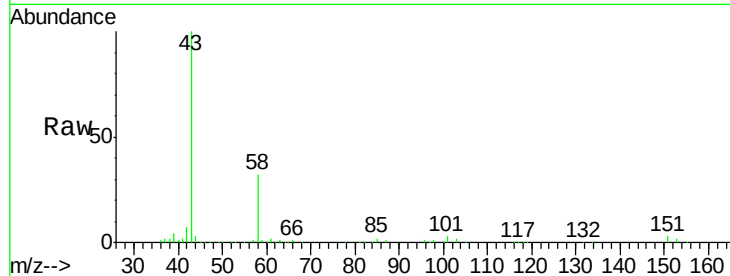
Acq: 01 May 2018 11:21

Tgt Ion: 43 Resp: 230243

Ion Ratio Lower Upper

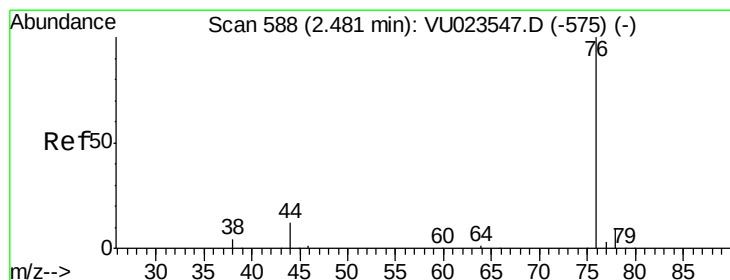
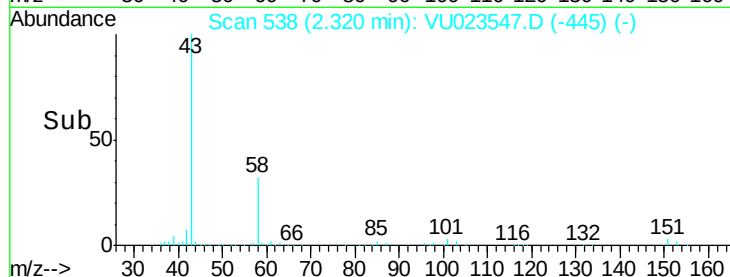
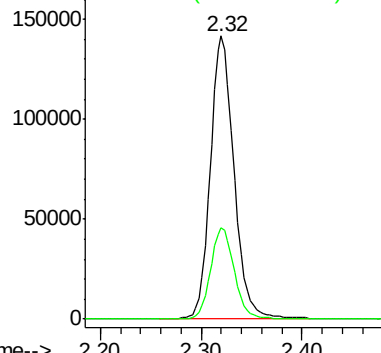
43 100

58 32.4 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon disulfide

Concen: 52.79 ug/L

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU023547.D

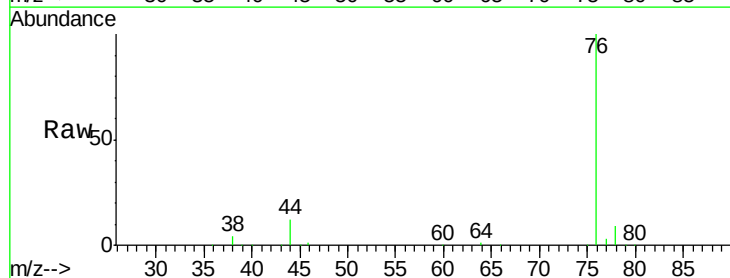
Acq: 01 May 2018 11:21

Tgt Ion: 76 Resp: 404283

Ion Ratio Lower Upper

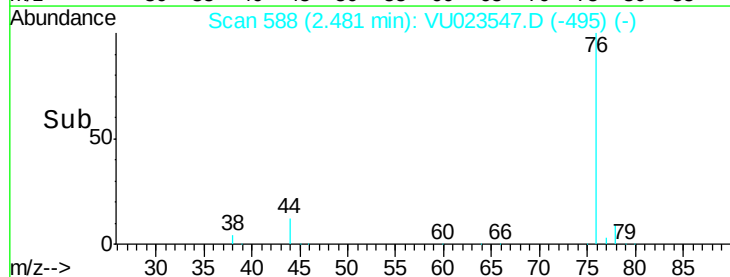
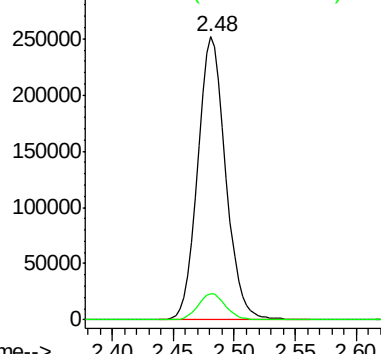
76 100

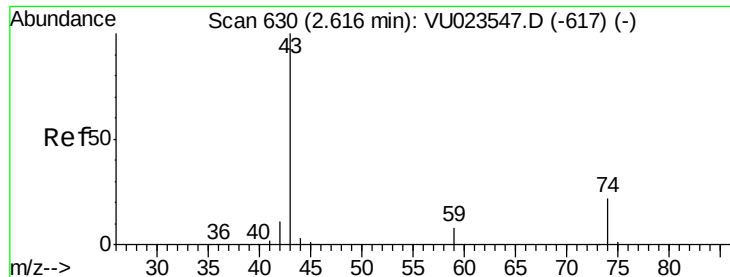
78 9.3 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU0

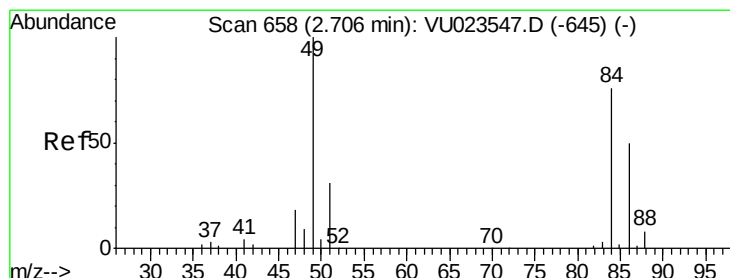
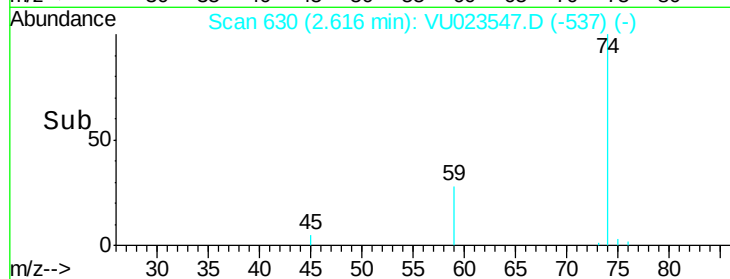
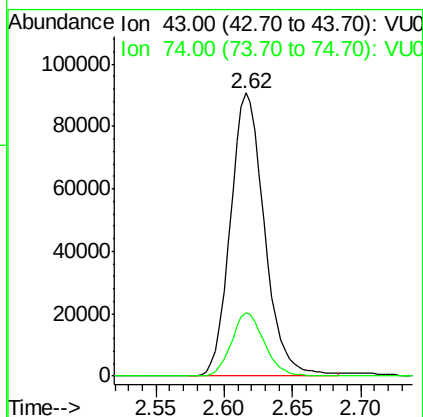
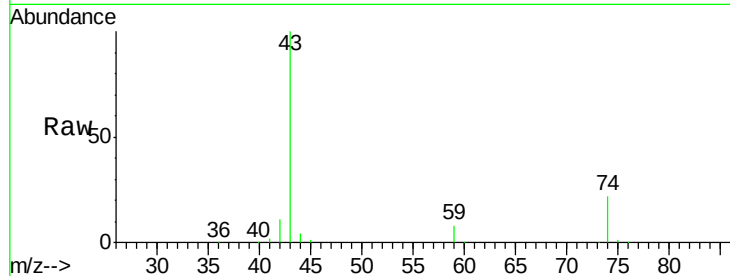
Ion 78.00 (77.70 to 78.70): VU0





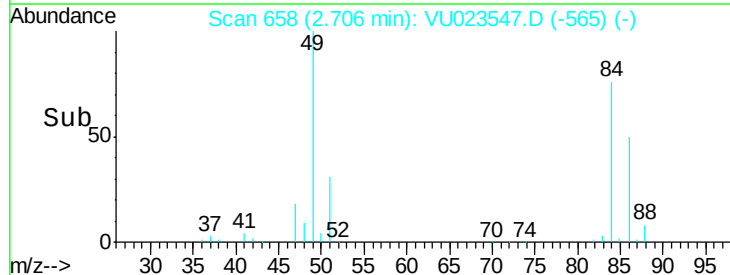
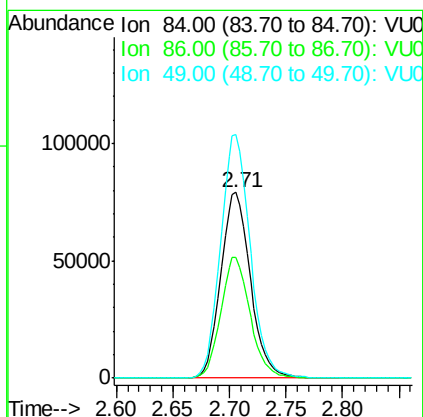
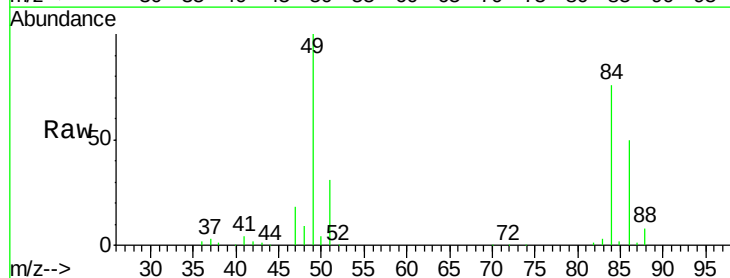
#15
Methyl Acetate
Concen: 47.93 ug/L
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU023547.D
Acq: 01 May 2018 11:21

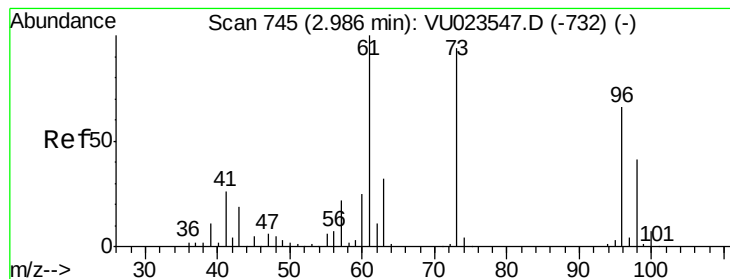
Tgt Ion: 43 Resp: 156575
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3



#16
Methylene chloride
Concen: 49.28 ug/L
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU023547.D
Acq: 01 May 2018 11:21

Tgt Ion: 84 Resp: 144983
Ion Ratio Lower Upper
84 100
86 65.2 45.6 84.8
49 131.3 91.9 170.7





#17

trans-1,2-Dichloroethene

Concen: 52.57 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU023547.D

Acq: 01 May 2018 11:21

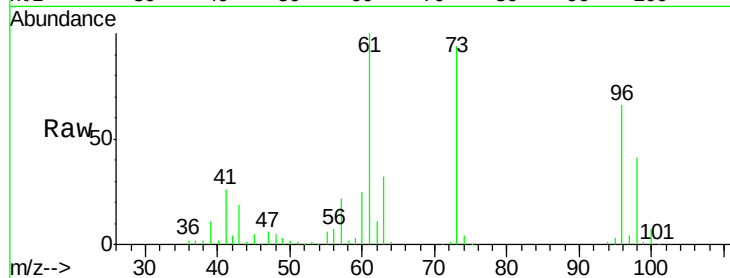
Tgt Ion: 96 Resp: 129459

Ion Ratio Lower Upper

96 100

61 152.7 106.9 198.5

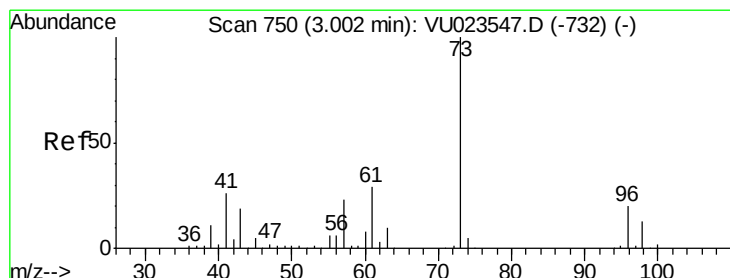
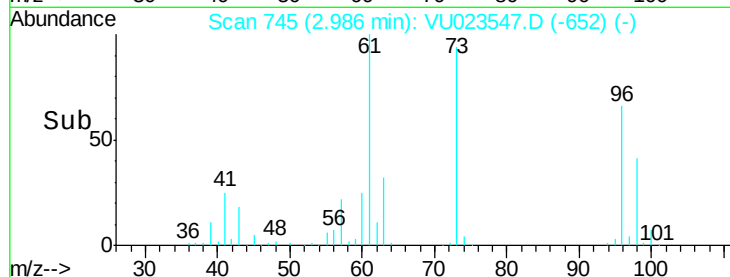
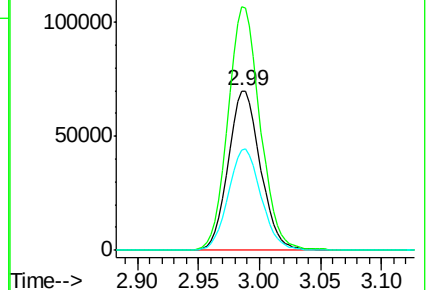
98 63.2 44.2 82.2



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: 50.88 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU023547.D

Acq: 01 May 2018 11:21

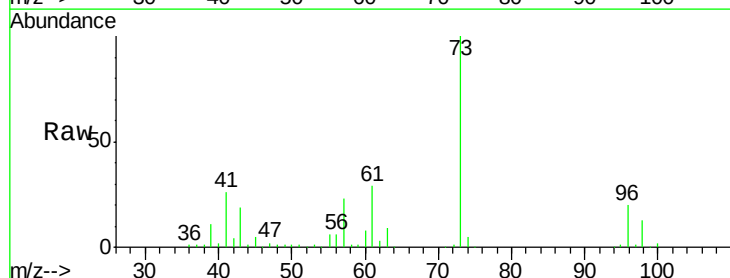
Tgt Ion: 73 Resp: 389840

Ion Ratio Lower Upper

73 100

43 19.4 15.5 23.3

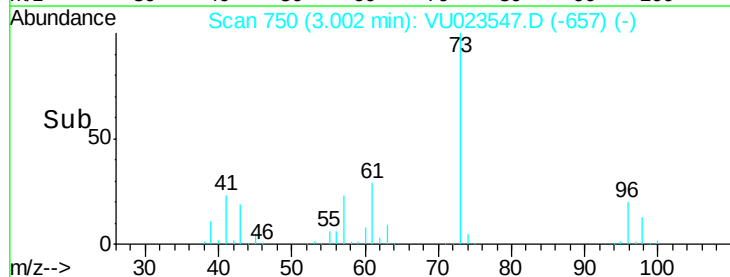
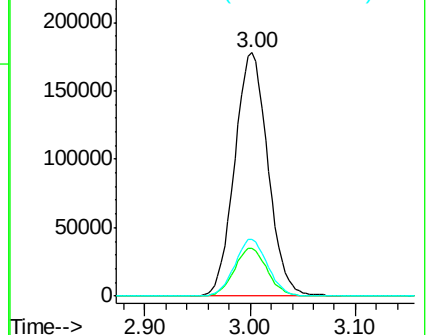
57 23.1 18.5 27.7

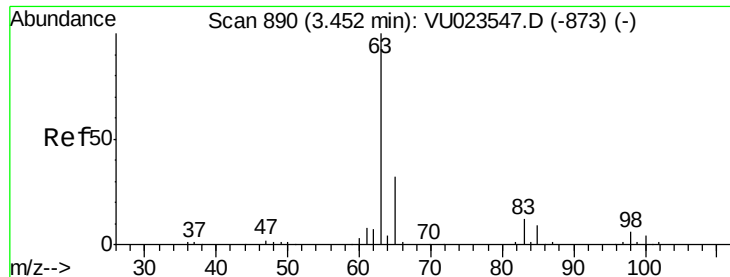


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

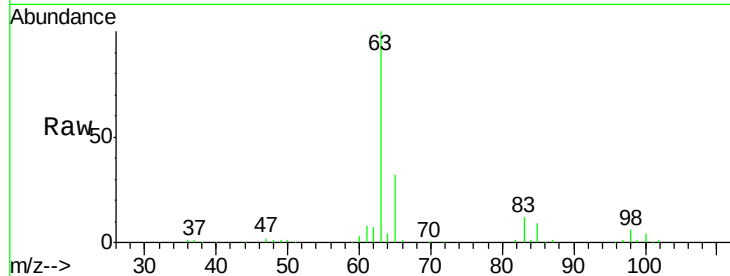
Ion 57.00 (56.70 to 57.70): VU0



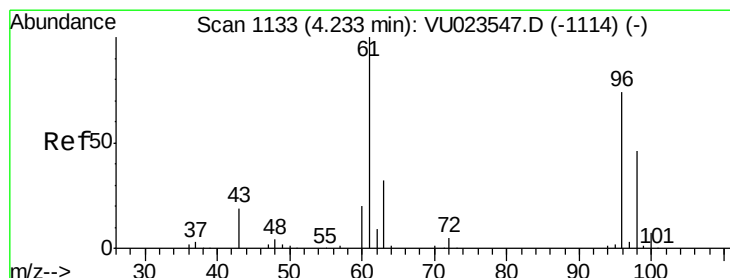
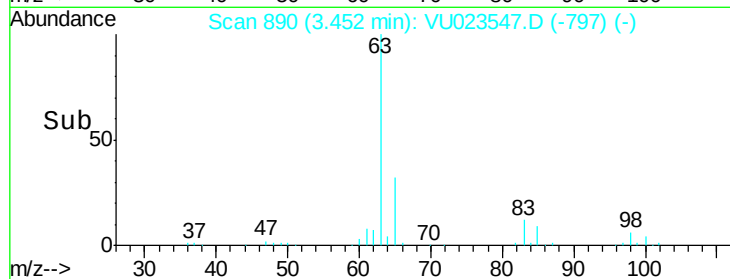
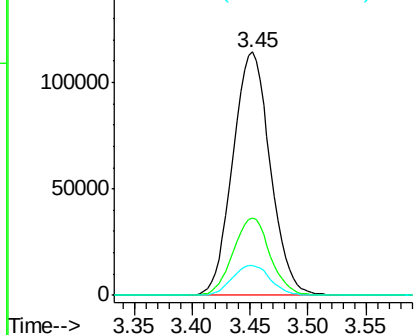


#19
 1,1-Dichloroethane
 Concen: 50.93 ug/L
 RT: 3.45 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

Tgt Ion: 63 Resp: 256935
 Ion Ratio Lower Upper
 63 100
 65 31.9 22.3 41.5
 83 12.4 8.7 16.1

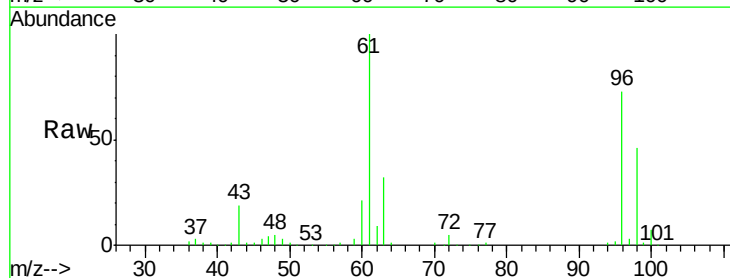


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 65.00 (64.70 to 65.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0

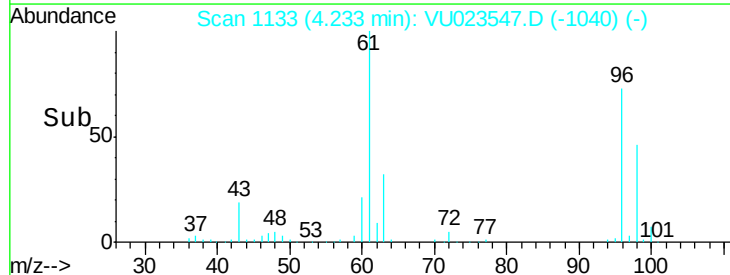
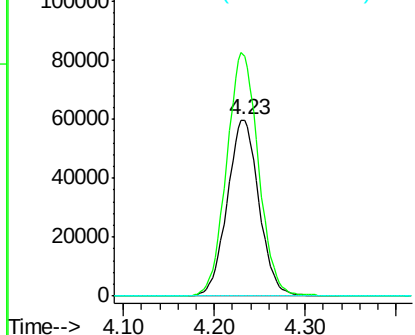


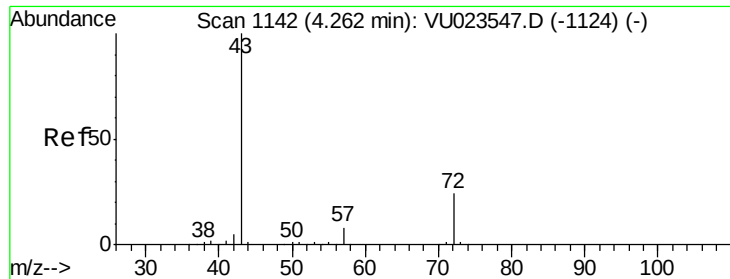
#20
 cis-1,2-Dichloroethene
 Concen: 52.45 ug/L
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

Tgt Ion: 96 Resp: 144381
 Ion Ratio Lower Upper
 96 100
 61 136.2 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: 109.84 ug/L

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU023547.D

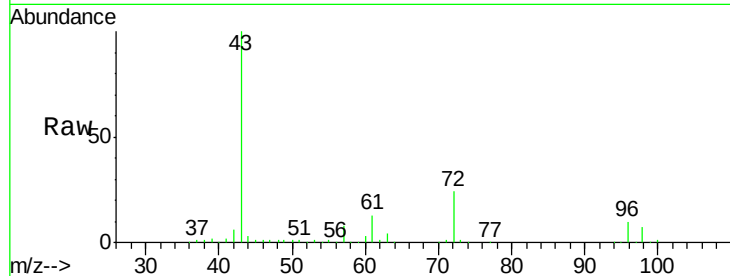
Acq: 01 May 2018 11:21

Tgt Ion: 43 Resp: 266899

Ion Ratio Lower Upper

43 100

72 24.5 12.3 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

120000

100000

80000

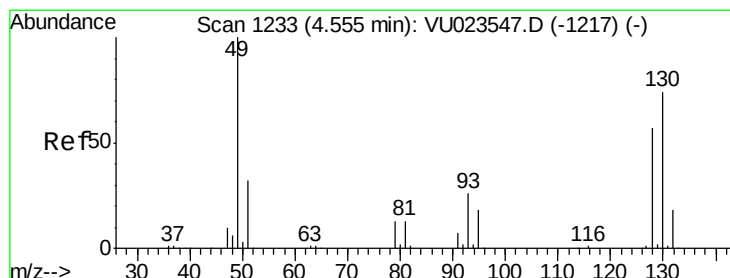
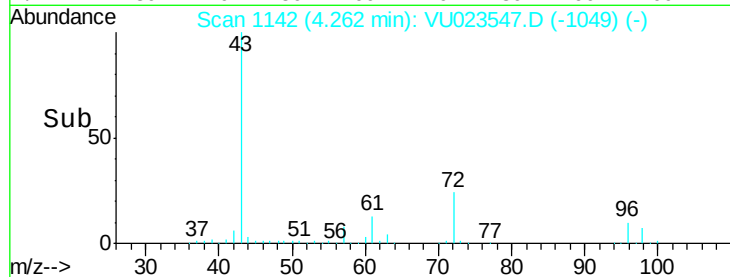
60000

40000

20000

0

Time--> 4.10 4.20 4.30 4.40 4.50



#23

Bromochloromethane

Concen: 52.23 ug/L

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU023547.D

Acq: 01 May 2018 11:21

Tgt Ion: 128 Resp: 72552

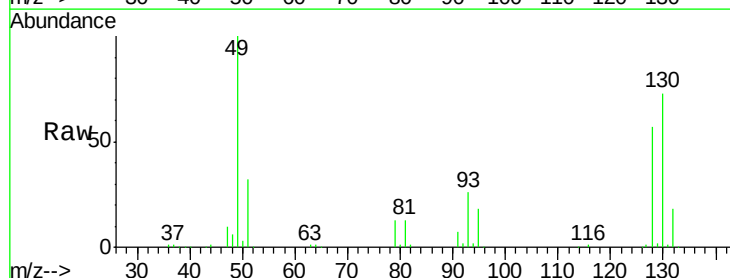
Ion Ratio Lower Upper

128 100

49 176.7 123.7 229.7

130 129.5 90.6 168.3

51 56.3 45.0 67.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VU0

80000

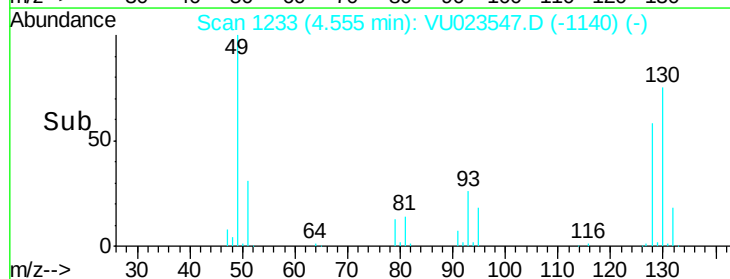
60000

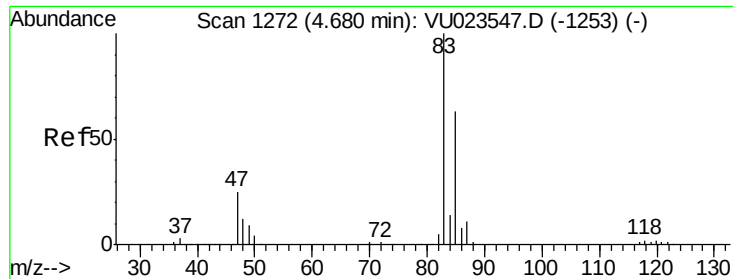
40000

20000

0

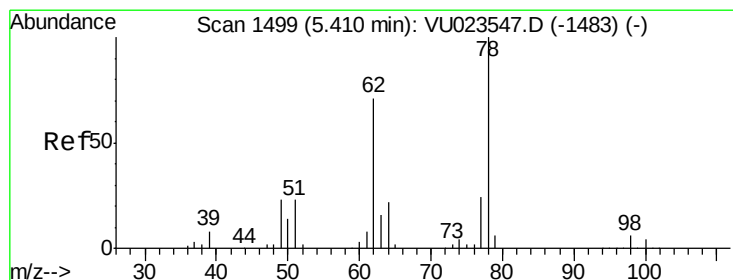
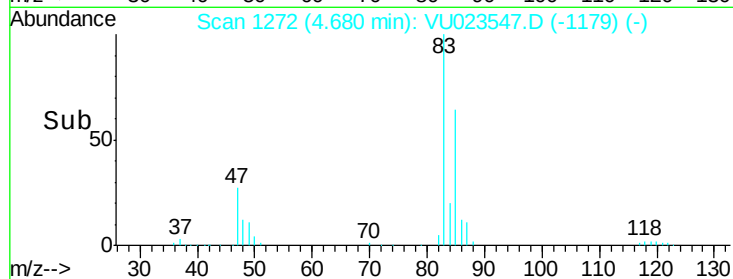
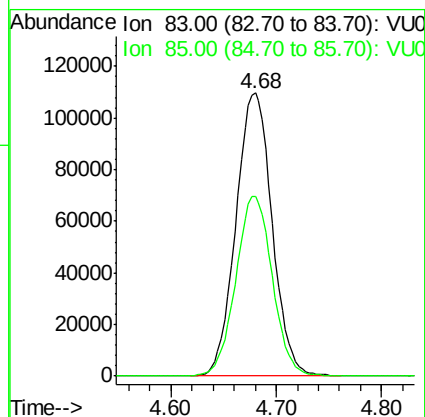
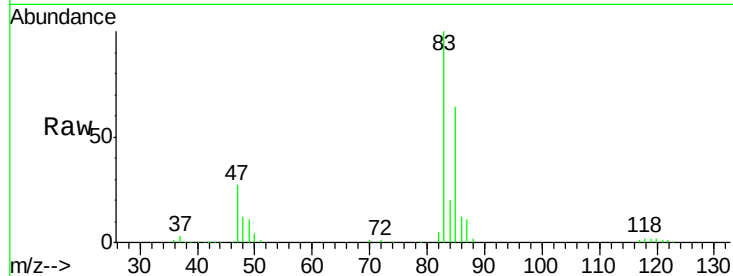
Time--> 4.45 4.50 4.55 4.60 4.65





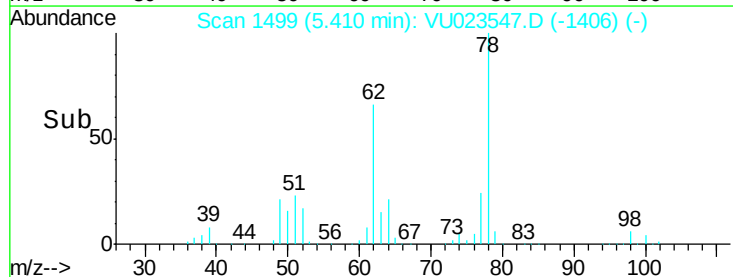
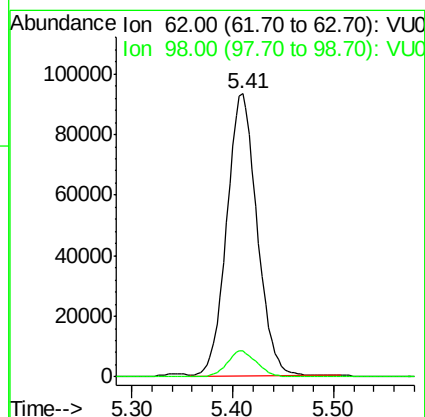
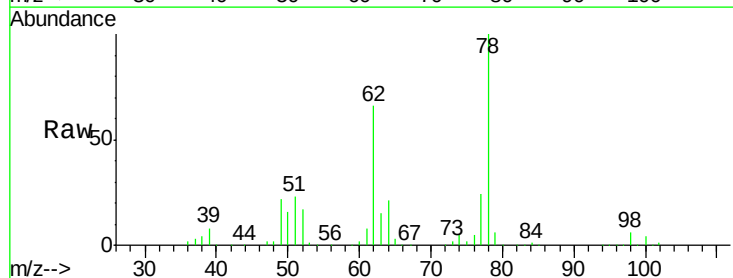
#25
Chloroform
Concen: 53.82 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU023547.D
Acq: 01 May 2018 11:21

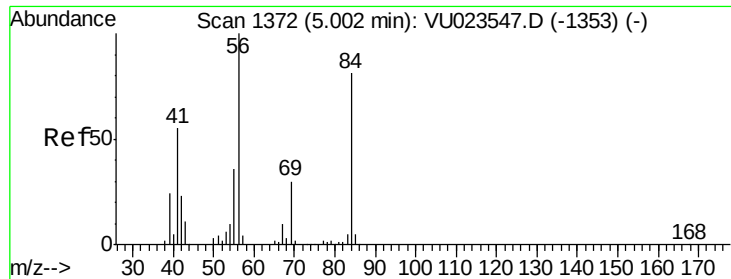
Tgt Ion: 83 Resp: 261418
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.5



#27
1,2-Dichloroethane
Concen: 50.49 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU023547.D
Acq: 01 May 2018 11:21

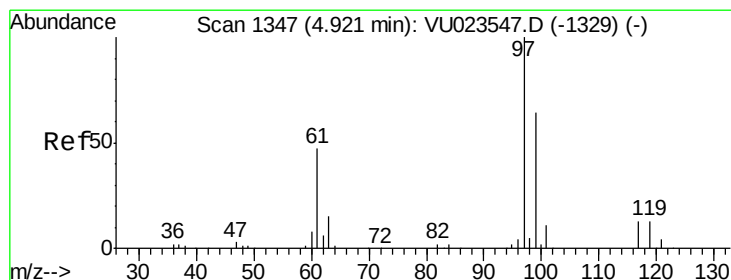
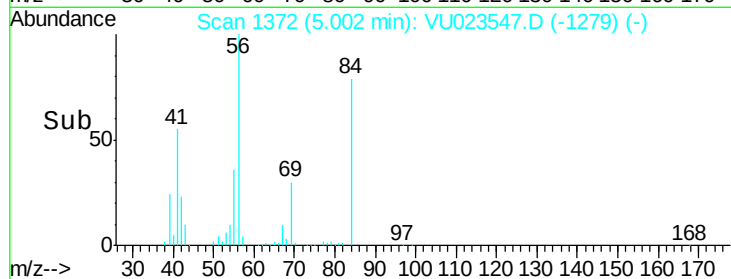
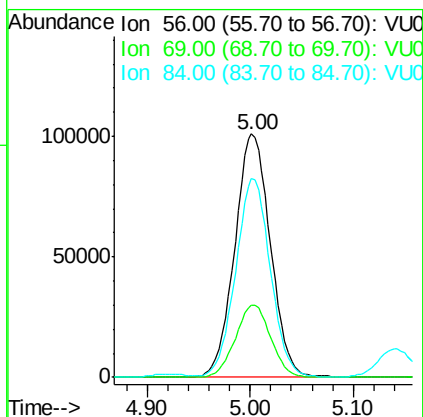
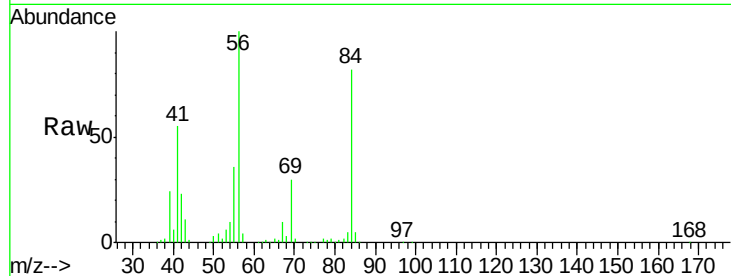
Tgt Ion: 62 Resp: 196018
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9





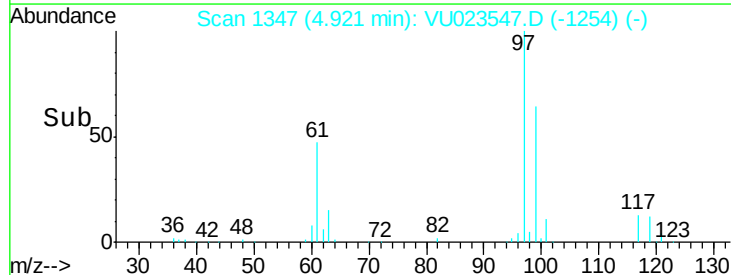
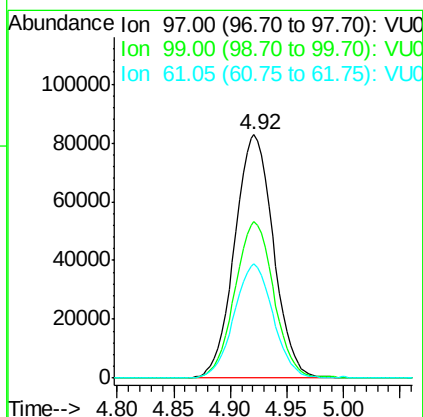
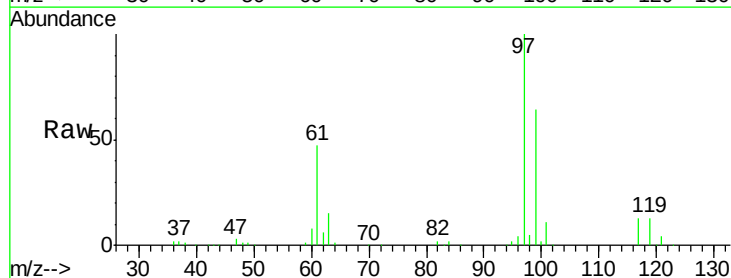
#29
Cyclohexane
Concen: 49.78 ug/L
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU023547.D
Acq: 01 May 2018 11:21

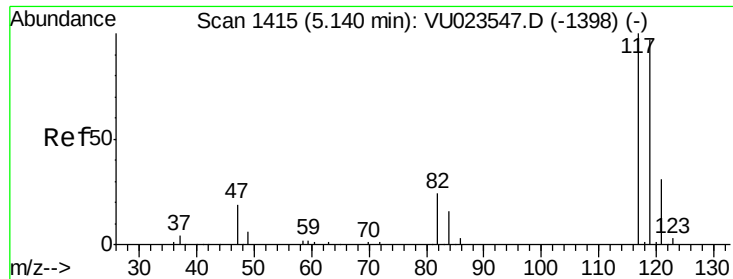
Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.5	35.3
84	79.8	63.8	95.8



#30
1,1,1-Trichloroethane
Concen: 49.13 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU023547.D
Acq: 01 May 2018 11:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	47.1	37.7	56.5





#31

Carbon tetrachloride

Concen: 49.29 ug/L

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU023547.D

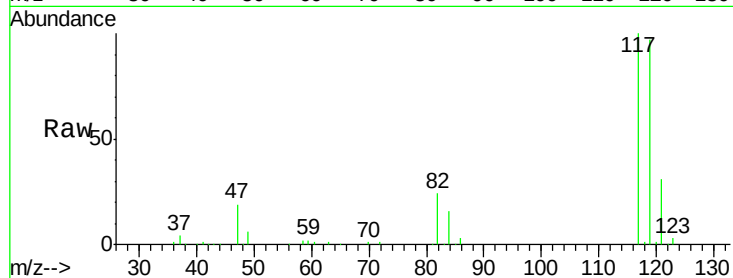
Acq: 01 May 2018 11:21

Tgt Ion:117 Resp: 171300

Ion Ratio Lower Upper

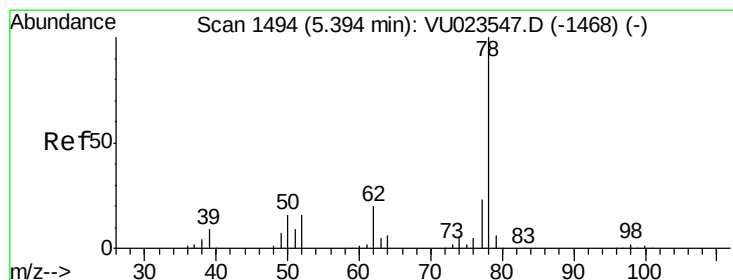
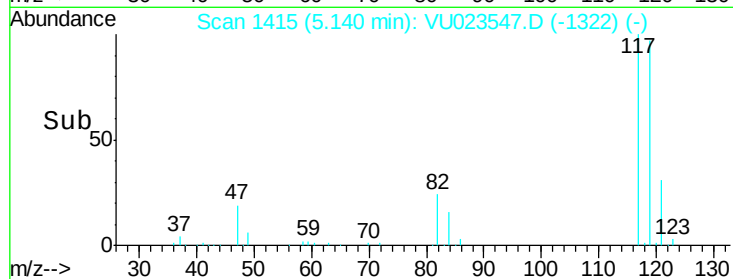
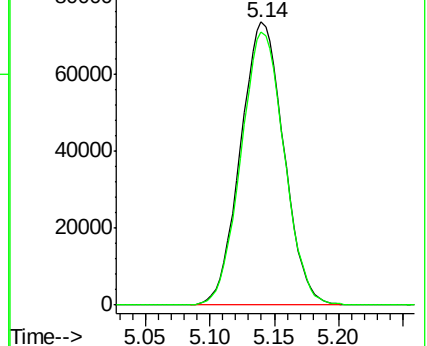
117 100

119 96.7 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: 49.53 ug/L

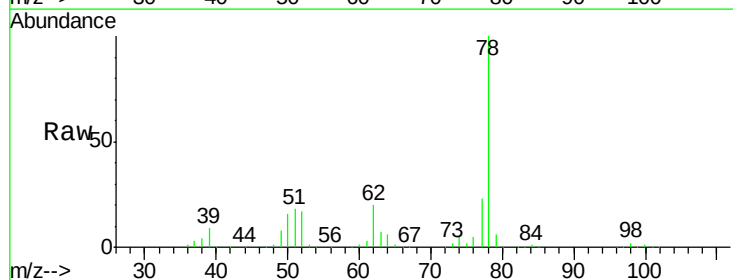
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

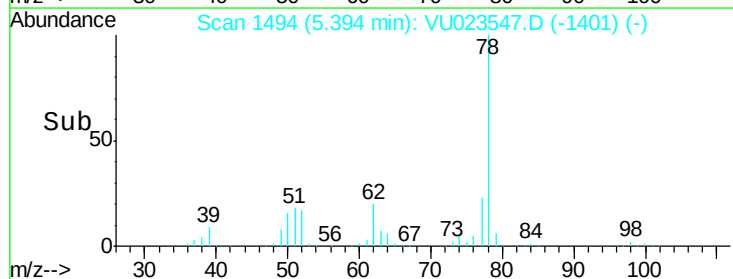
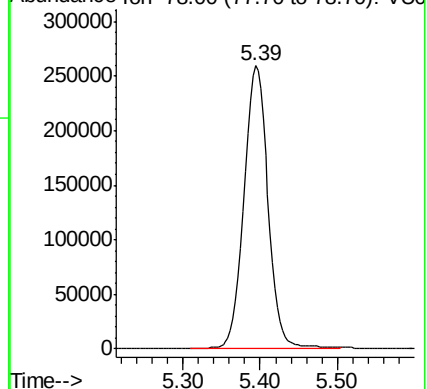
Lab File: VU023547.D

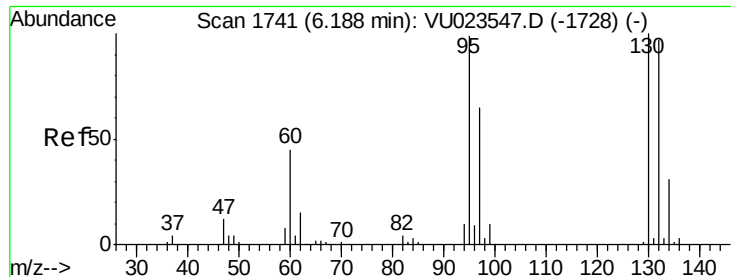
Acq: 01 May 2018 11:21

Tgt Ion: 78 Resp: 563741



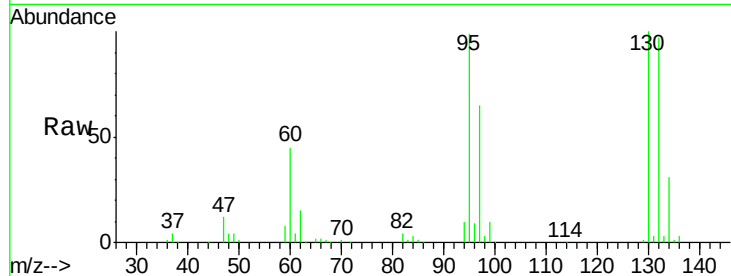
Abundance Ion 78.00 (77.70 to 78.70): VU0



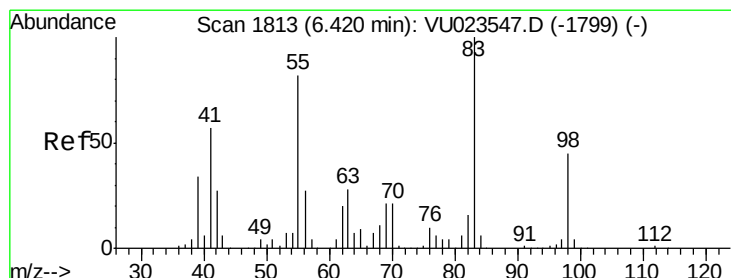
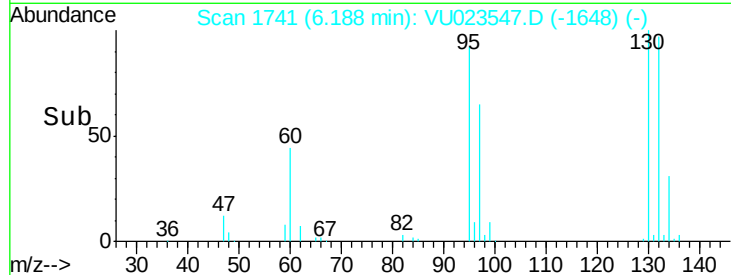
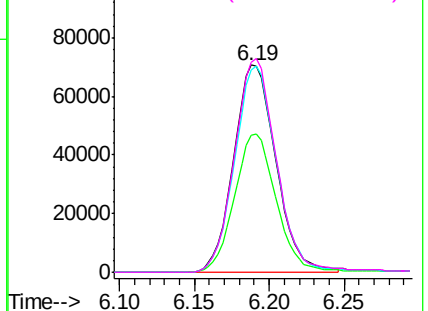


#34
 Trichloroethene
 Concen: 50.49 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

Tgt Ion:	95	Resp:	139021
Ion	Ratio	Lower	Upper
95	100		
97	66.1	46.3	85.9
132	97.8	68.5	127.1
130	101.1	70.8	131.4

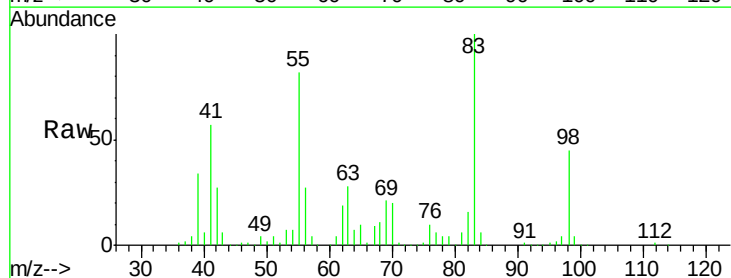


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

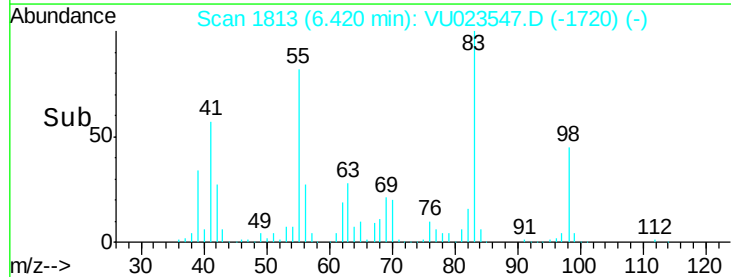
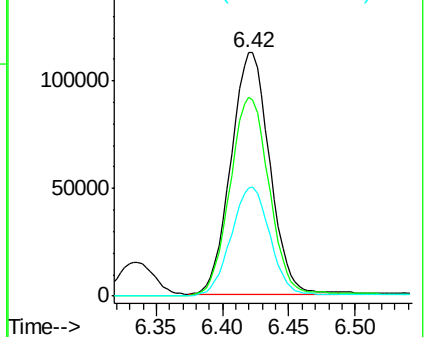


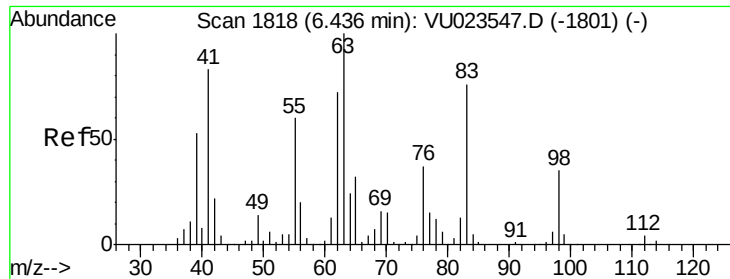
#35
 Methylcyclohexane
 Concen: 48.96 ug/L
 RT: 6.42 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

Tgt Ion:	83	Resp:	228196
Ion	Ratio	Lower	Upper
83	100		
55	83.4	66.7	100.1
98	45.7	36.6	54.8



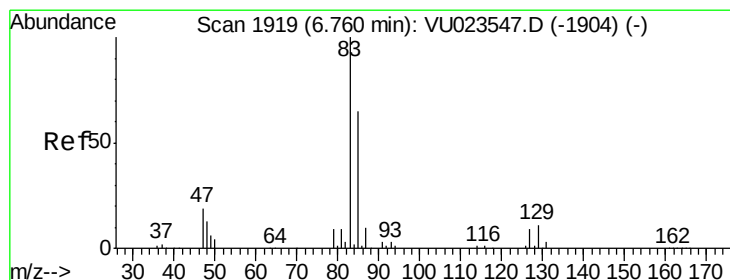
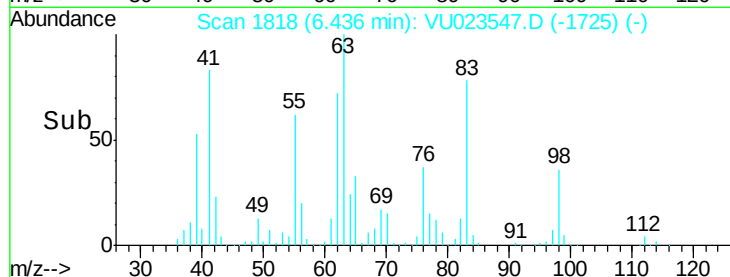
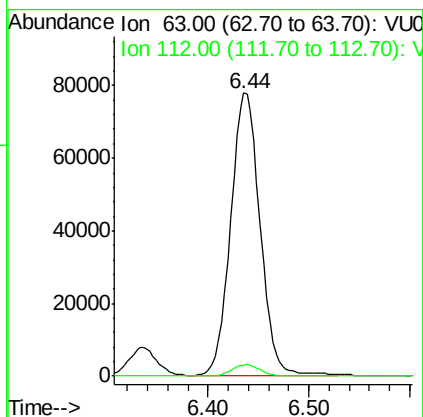
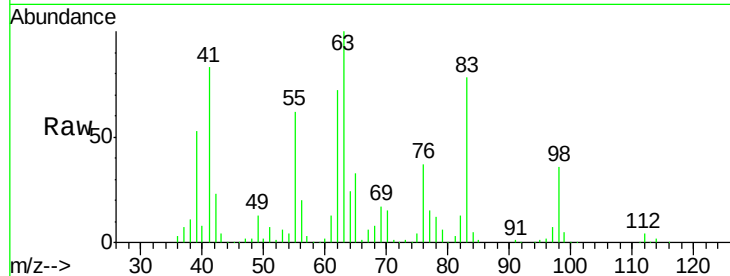
Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





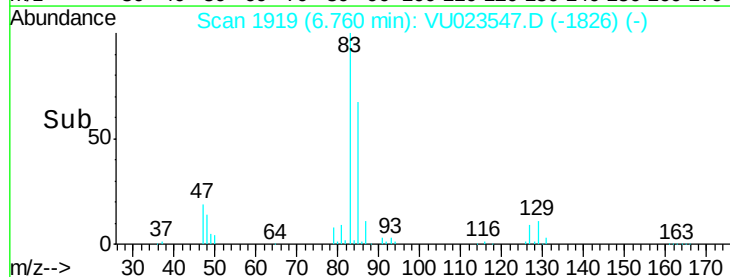
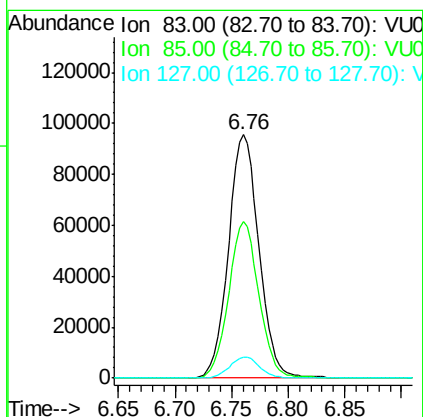
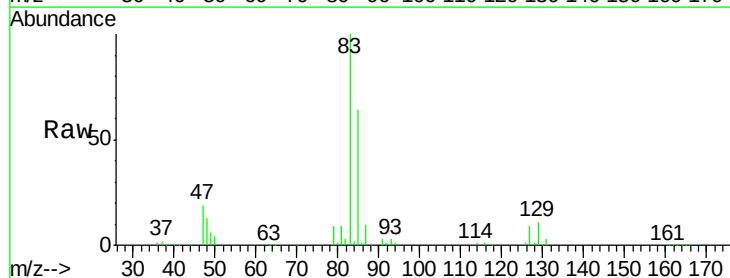
#37
 1,2-Dichloropropane
 Concen: 48.49 ug/L
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

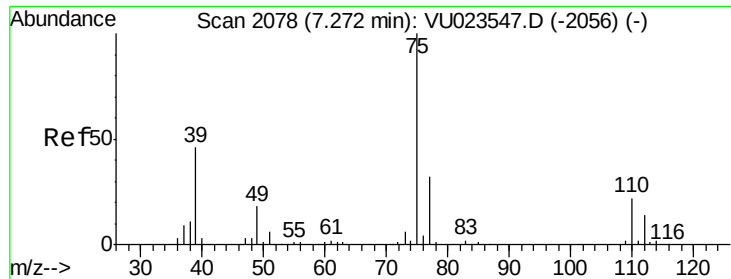
Tgt Ion: 63 Resp: 157355
 Ion Ratio Lower Upper
 63 100
 112 3.9 3.1 4.7



#38
 Bromodichloromethane
 Concen: 49.42 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

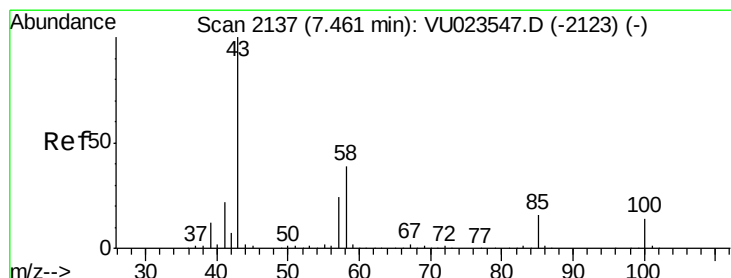
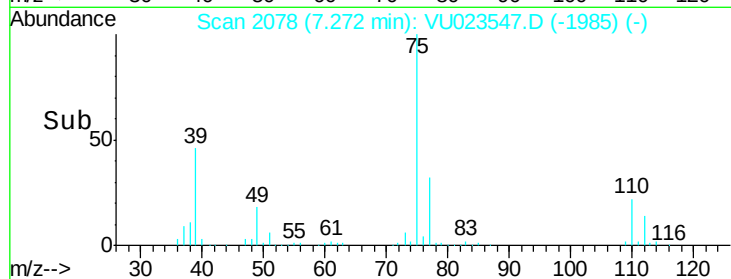
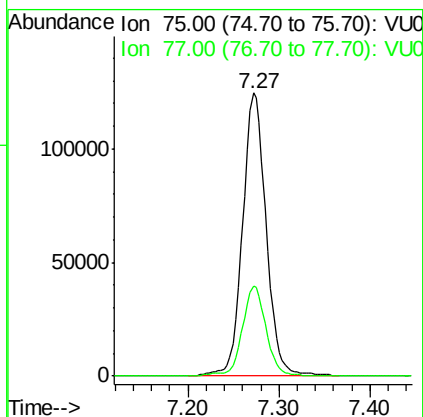
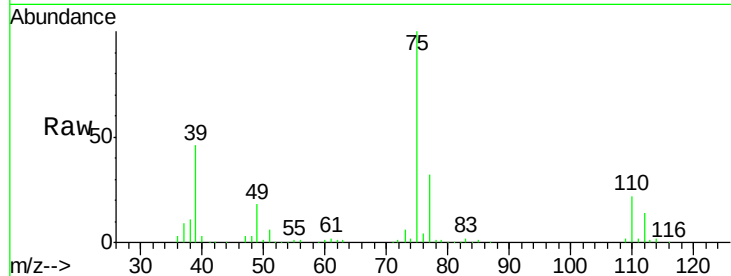
Tgt Ion: 83 Resp: 178423
 Ion Ratio Lower Upper
 83 100
 85 64.4 45.1 83.7
 127 8.6 6.9 10.3





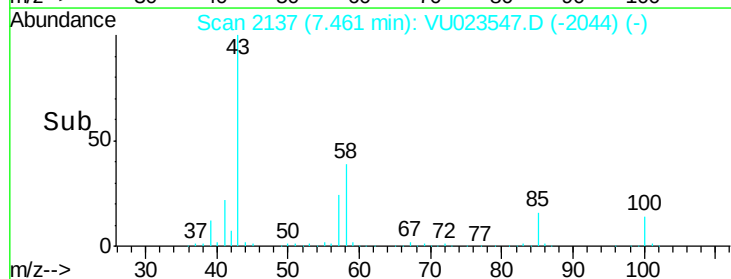
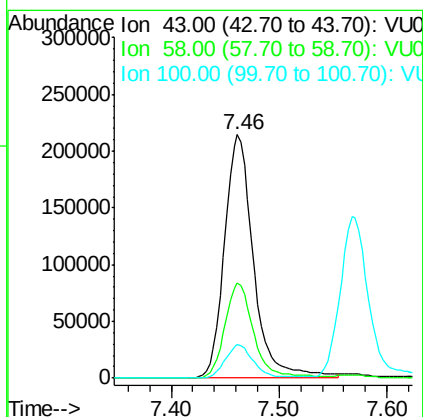
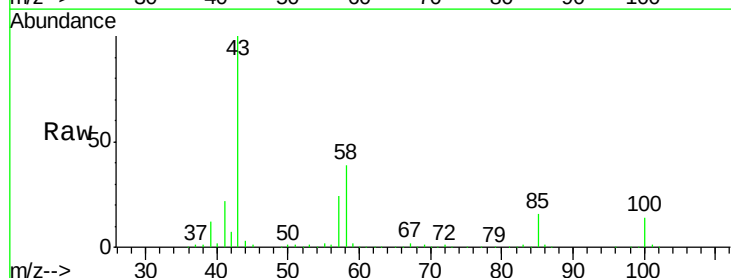
#39
 cis-1,3-Dichloropropene
 Concen: 50.60 ug/L
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

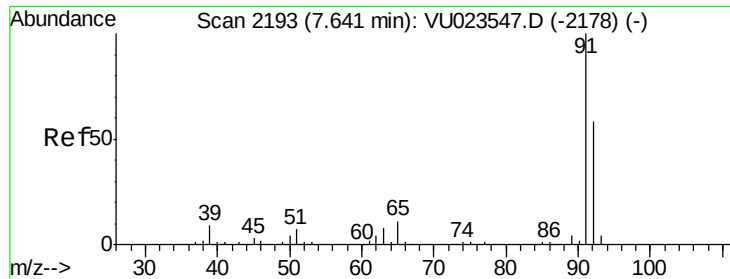
Tgt Ion: 75 Resp: 225533
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 94.85 ug/L
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

Tgt Ion: 43 Resp: 403830
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.8 46.2
 100 13.4 10.7 16.1





#42

Toluene

Concen: 52.16 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023547.D

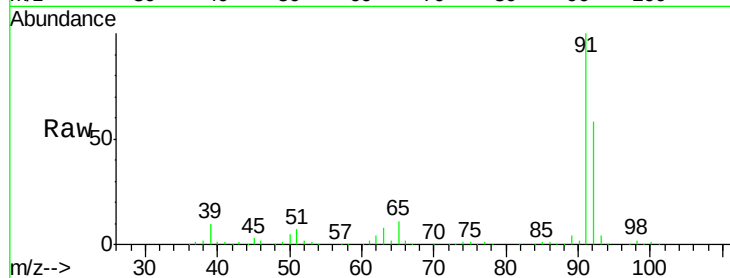
Acq: 01 May 2018 11:21

Tgt Ion: 91 Resp: 596284

Ion Ratio Lower Upper

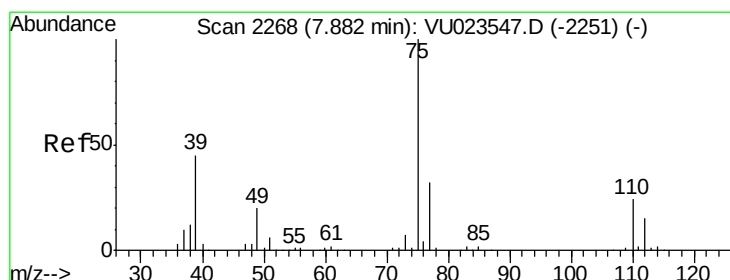
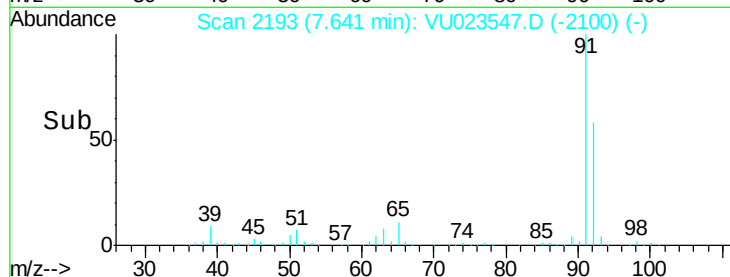
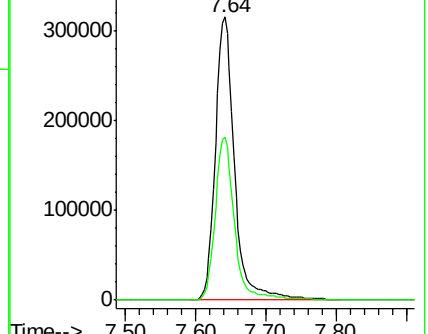
91 100

92 57.6 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: 50.32 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU023547.D

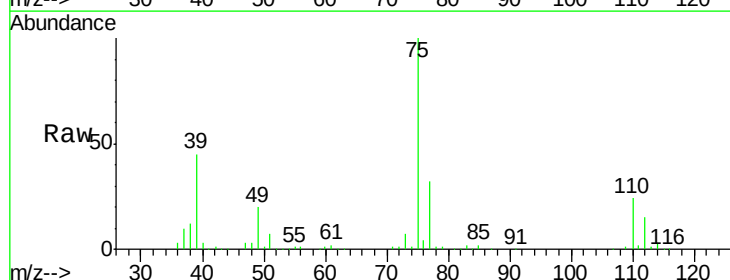
Acq: 01 May 2018 11:21

Tgt Ion: 75 Resp: 201113

Ion Ratio Lower Upper

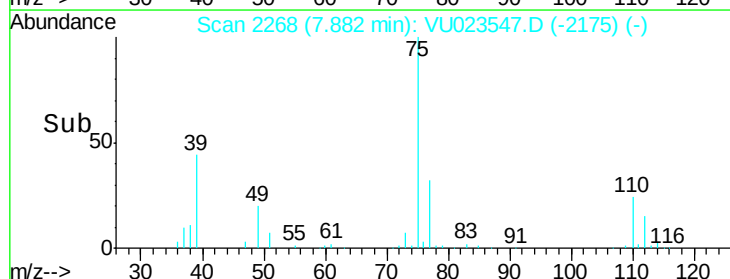
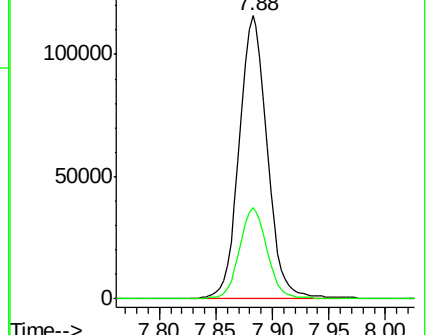
75 100

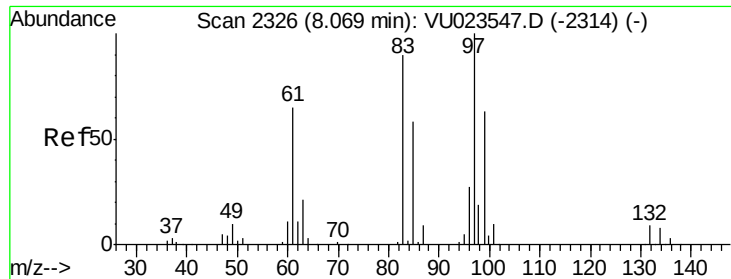
77 32.1 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

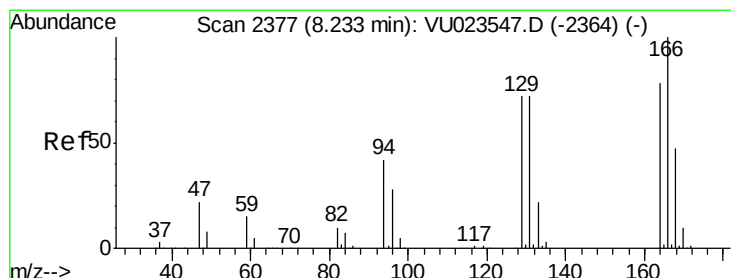
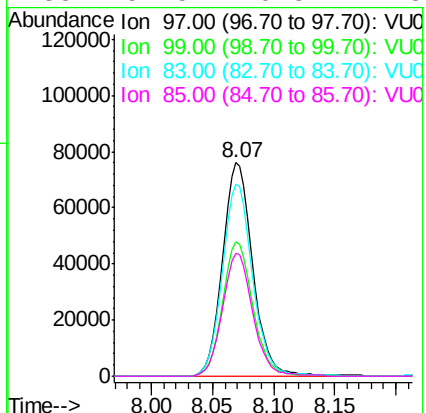
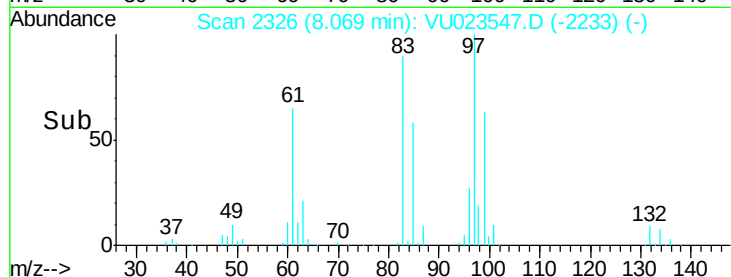
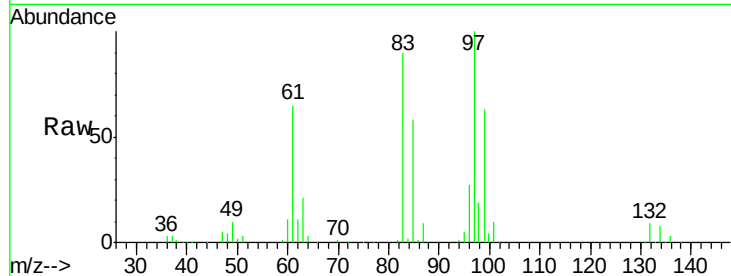
Ion 77.00 (76.70 to 77.70): VU0





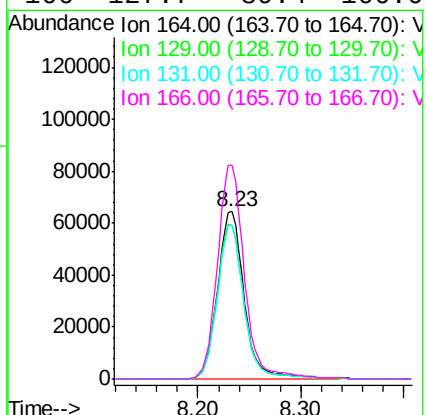
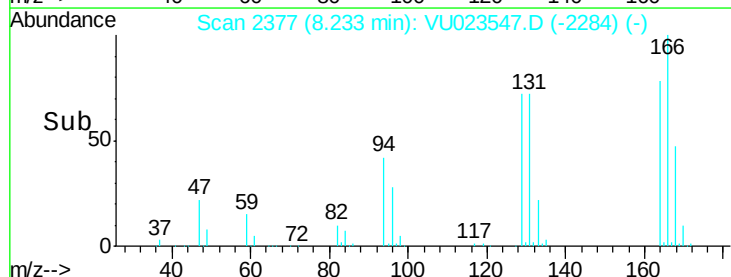
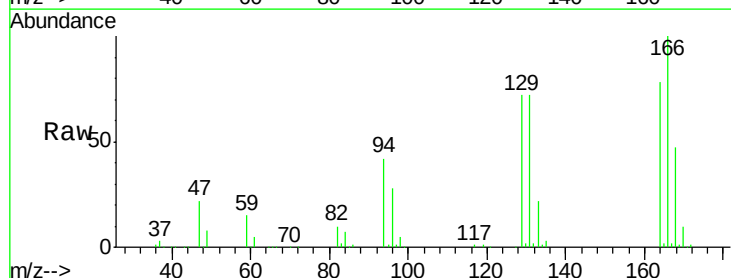
#45
 1,1,2-Trichloroethane
 Concen: 48.89 ug/L
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

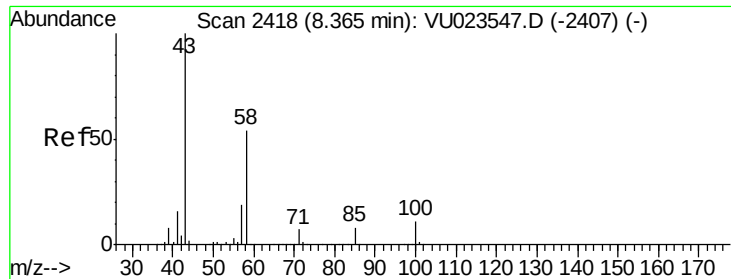
Tgt Ion:	97	Resp:	132396
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.2	82.2
83	90.1	63.1	117.1
85	57.5	40.3	74.8



#46
 Tetrachloroethene
 Concen: 52.99 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

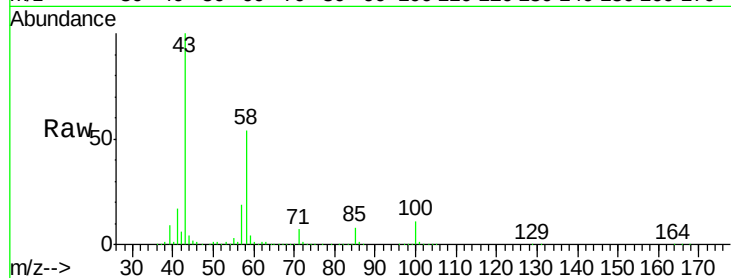
Tgt Ion:	164	Resp:	116221
Ion	Ratio	Lower	Upper
164	100		
129	91.7	64.2	119.2
131	91.6	64.1	119.1
166	127.7	89.4	166.0



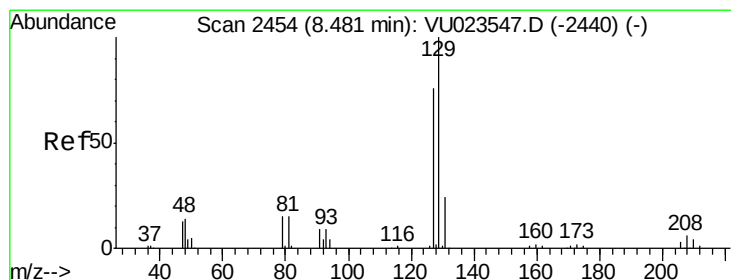
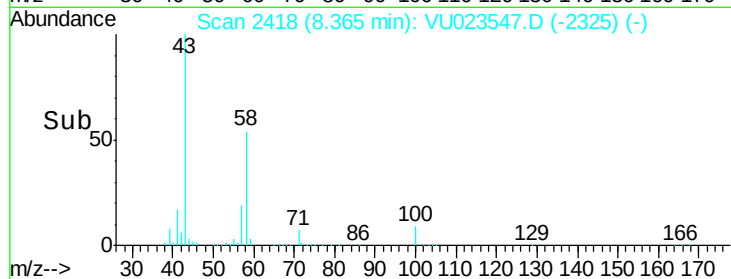
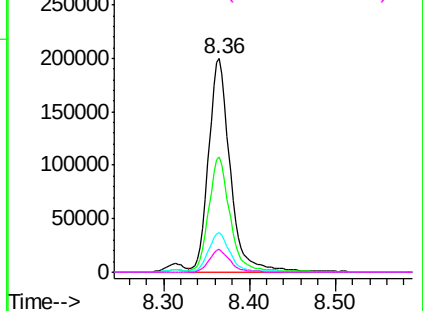


#48
2-Hexanone
Concen: 102.35 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU023547.D
Acq: 01 May 2018 11:21

Tgt Ion:	43	Resp:	351620
Ion	Ratio	Lower	Upper
43	100		
58	53.8	43.0	64.6
57	18.3	14.6	22.0
100	10.5	8.4	12.6

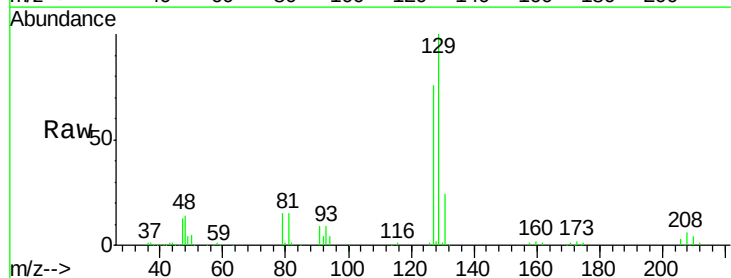


Abundance Ion 43.00 (42.70 to 43.70): VU023547.D (-2407) (-)

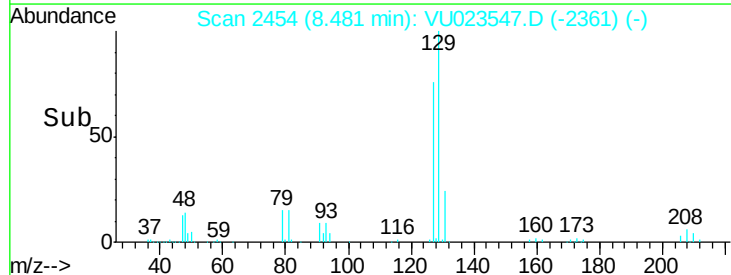
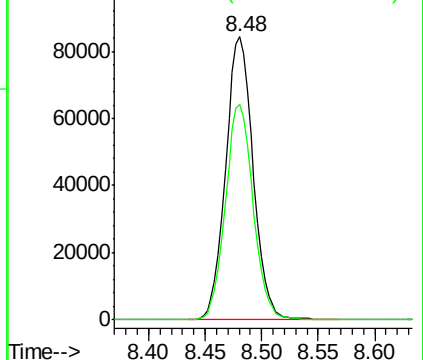


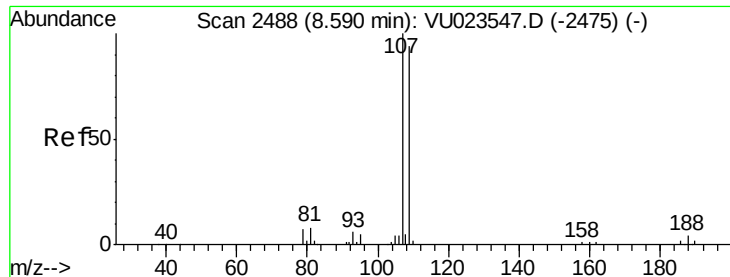
#49
Dibromochloromethane
Concen: 50.83 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU023547.D
Acq: 01 May 2018 11:21

Tgt Ion:	129	Resp:	143449
Ion	Ratio	Lower	Upper
129	100		
127	76.2	53.3	99.1



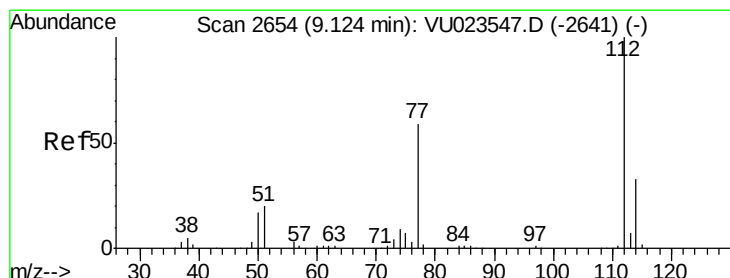
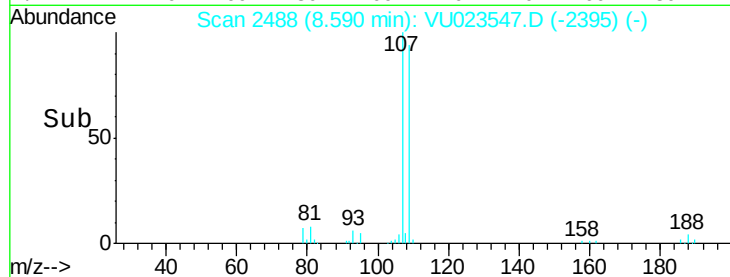
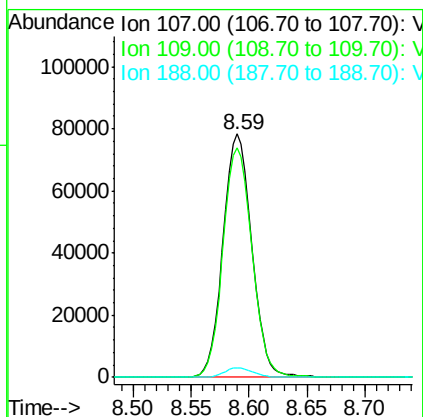
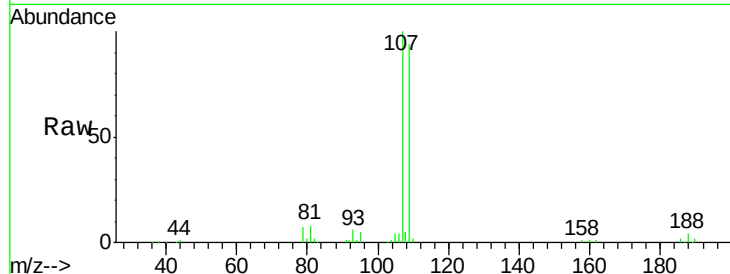
Abundance Ion 129.00 (128.70 to 129.70): VU023547.D (-2440) (-)





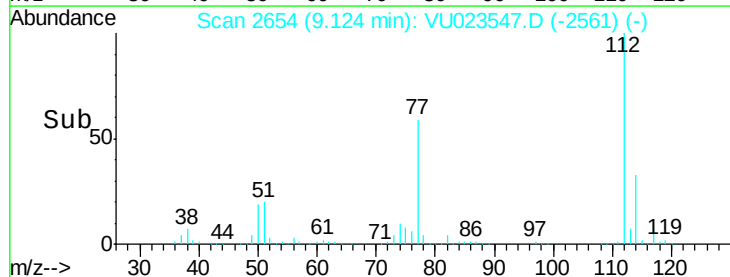
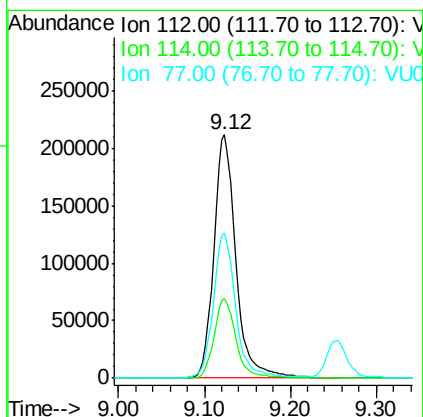
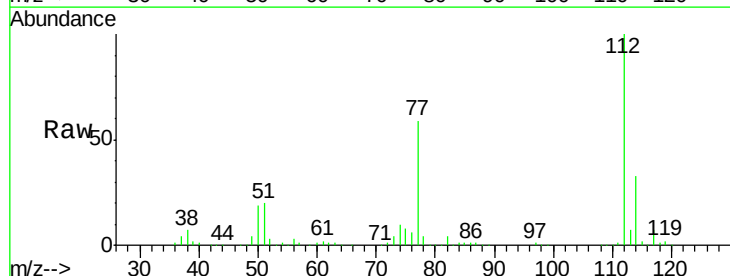
#50
 1,2-Dibromoethane
 Concen: 48.56 ug/L
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

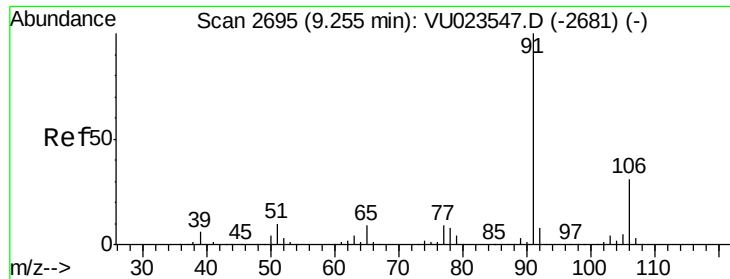
Tgt Ion:107 Resp: 134439
 Ion Ratio Lower Upper
 107 100
 109 94.4 66.1 122.7
 188 4.0 3.2 4.8



#51
 Chlorobenzene
 Concen: 51.78 ug/L
 RT: 9.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

Tgt Ion:112 Resp: 379403
 Ion Ratio Lower Upper
 112 100
 114 32.5 22.7 42.3
 77 59.4 47.5 71.3





#52

Ethylbenzene

Concen: 52.69 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023547.D

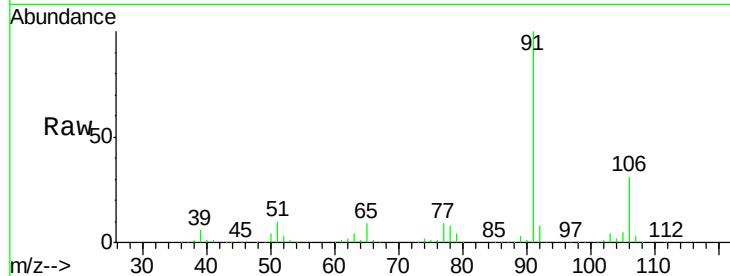
Acq: 01 May 2018 11:21

Tgt Ion: 91 Resp: 644935

Ion Ratio Lower Upper

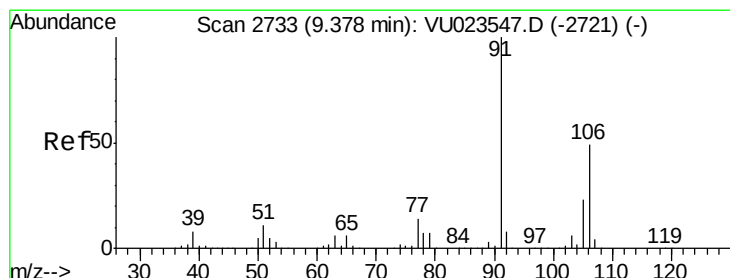
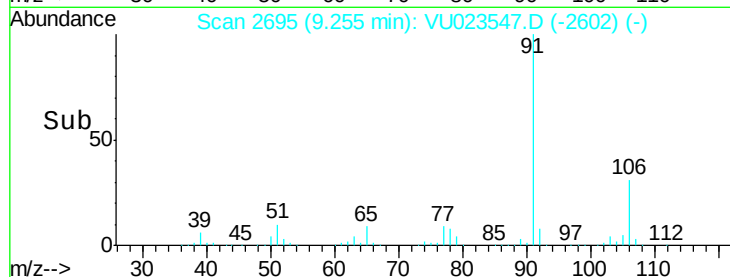
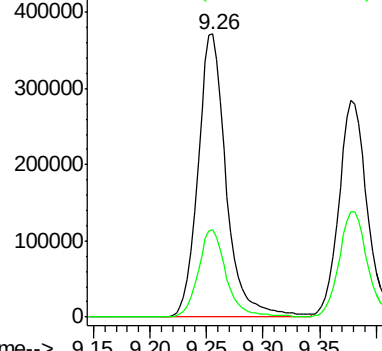
91 100

106 30.8 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#53

m,p-Xylene

Concen: 54.45 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU023547.D

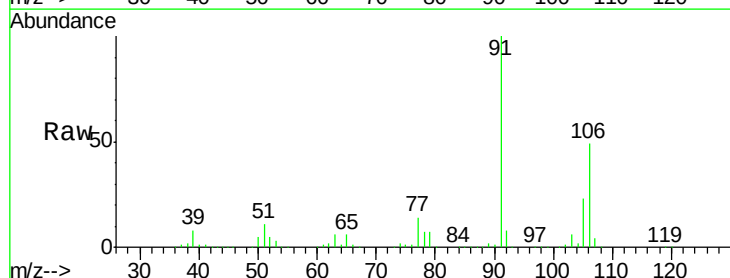
Acq: 01 May 2018 11:21

Tgt Ion: 106 Resp: 248220

Ion Ratio Lower Upper

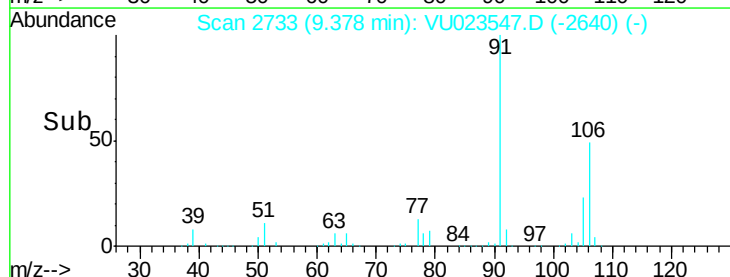
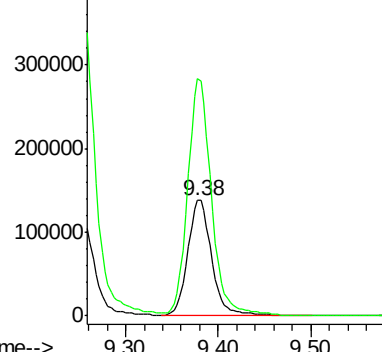
106 100

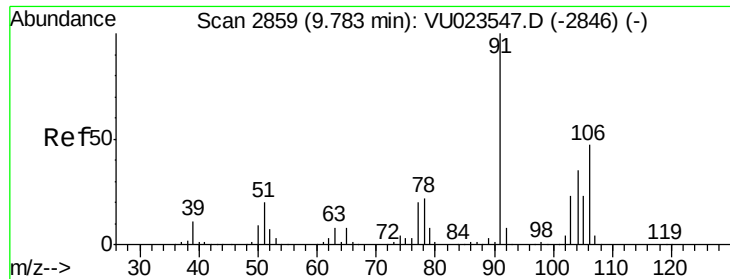
91 205.8 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

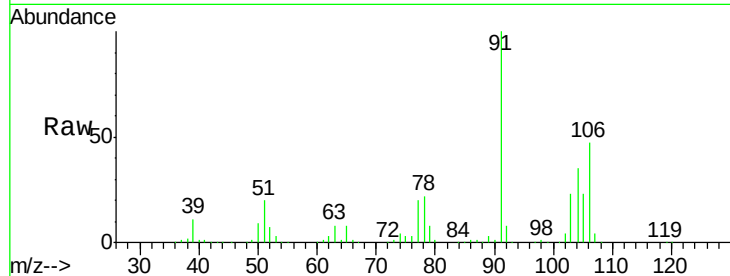
Ion 91.00 (90.70 to 91.70): VU0



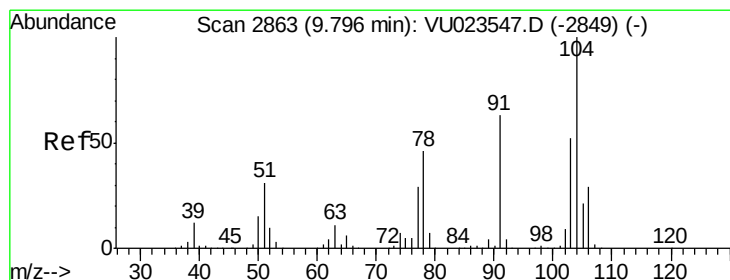
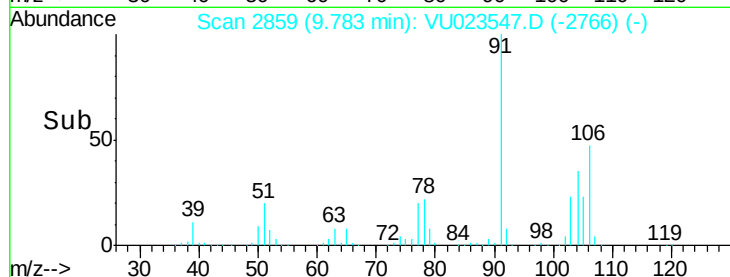
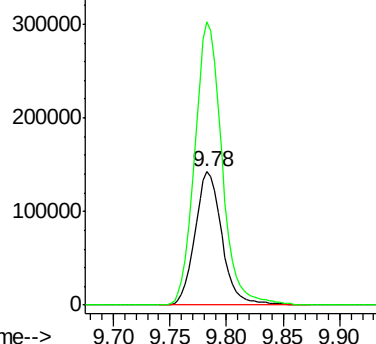


#54
o-xylene
Concen: 53.07 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU023547.D
Acq: 01 May 2018 11:21

Tgt Ion:106 Resp: 237409
Ion Ratio Lower Upper
106 100
91 212.7 148.9 276.5

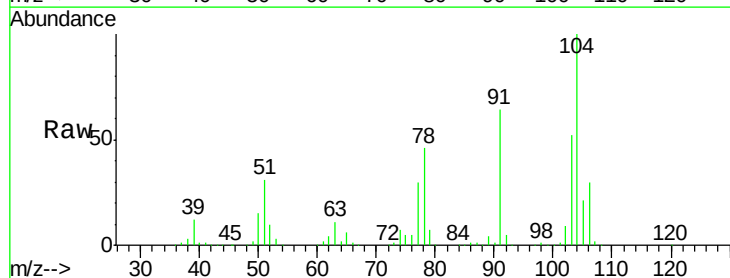


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

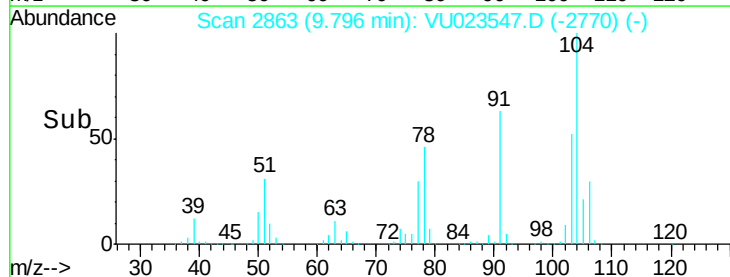
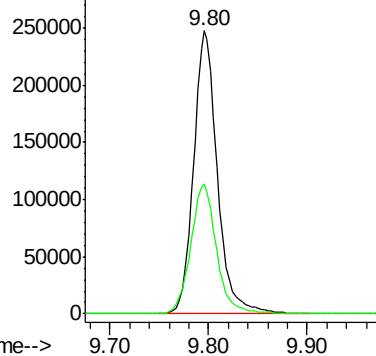


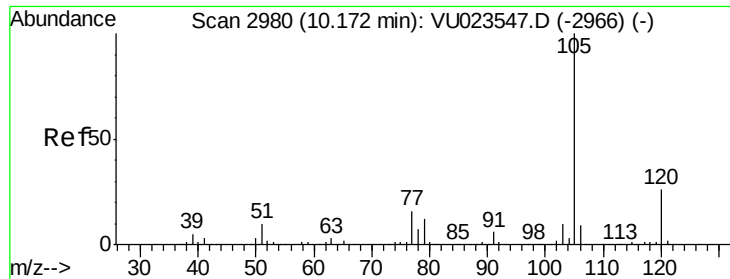
#55
Styrene
Concen: 54.96 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU023547.D
Acq: 01 May 2018 11:21

Tgt Ion:104 Resp: 418702
Ion Ratio Lower Upper
104 100
78 45.9 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: 52.92 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023547.D

Acq: 01 May 2018 11:21

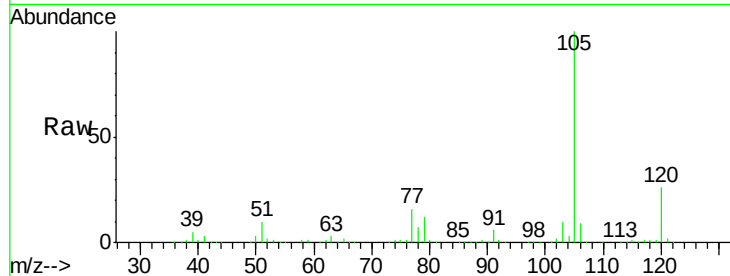
Tgt Ion: 105 Resp: 616814

Ion Ratio Lower Upper

105 100

120 26.1 20.9 31.3

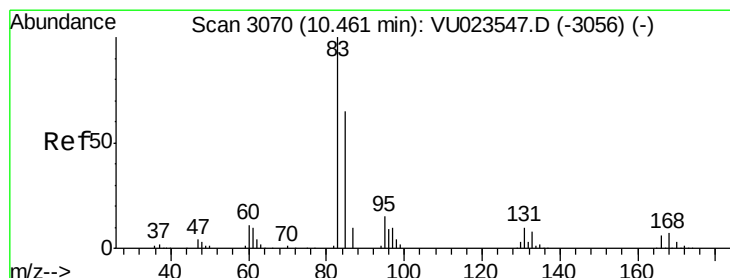
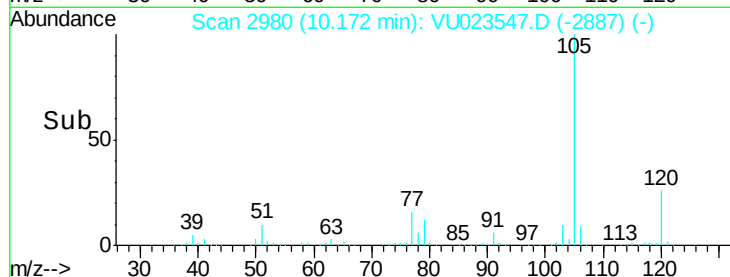
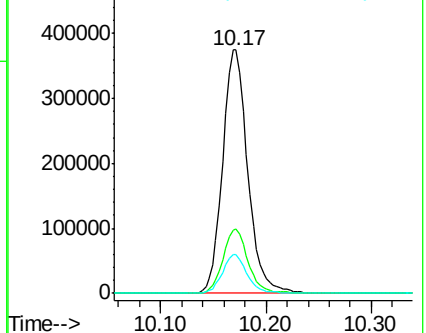
77 15.7 12.6 18.8



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: 47.25 ug/L

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU023547.D

Acq: 01 May 2018 11:21

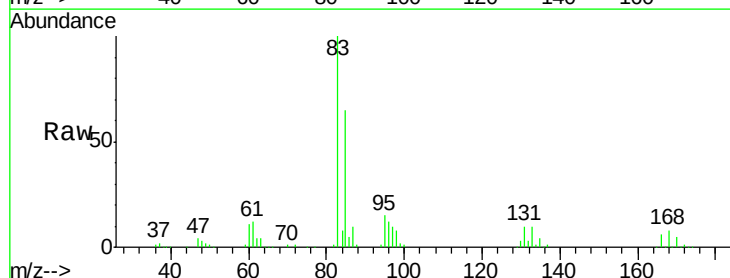
Tgt Ion: 83 Resp: 218088

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6

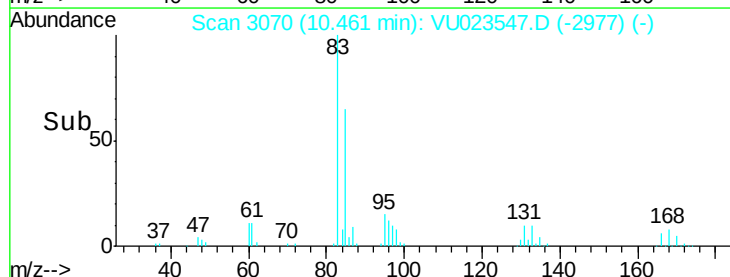
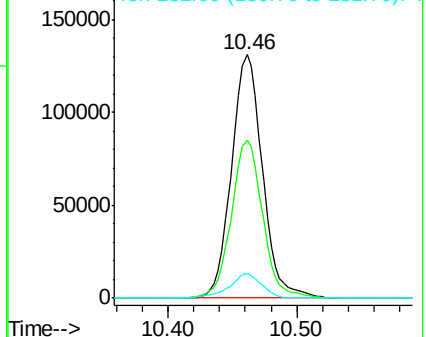
131 9.9 7.9 11.9

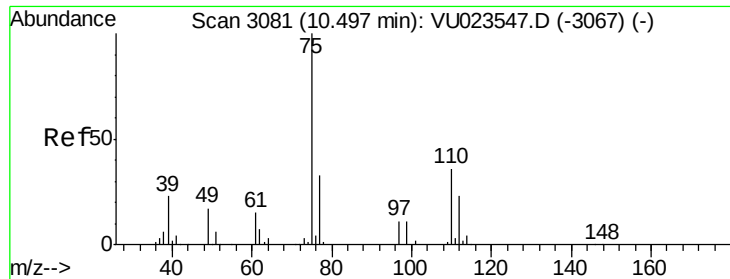


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 46.79 ug/L

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU023547.D

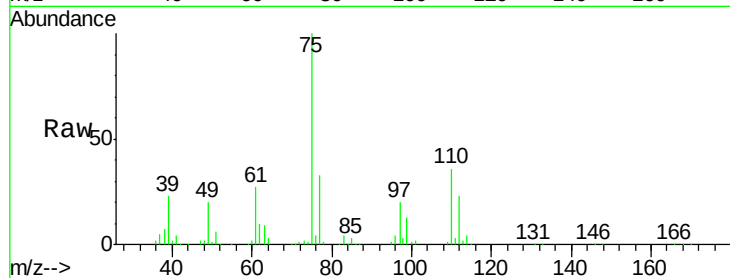
Acq: 01 May 2018 11:21

Tgt Ion: 75 Resp: 173701

Ion Ratio Lower Upper

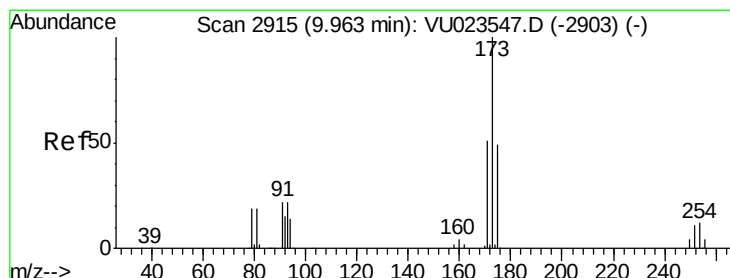
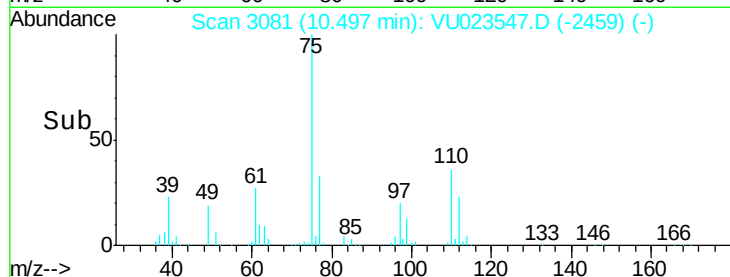
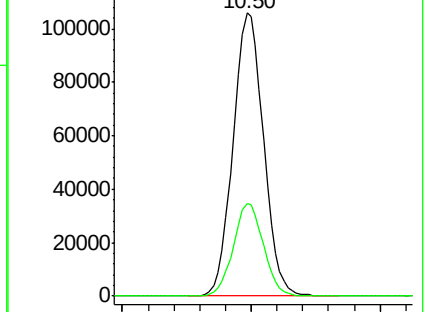
75 100

77 32.4 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU023547.D (-3067) (-)

Ion 77.00 (76.70 to 77.70): VU023547.D (-3067) (-)



#61

Bromoform

Concen: 46.64 ug/L

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU023547.D

Acq: 01 May 2018 11:21

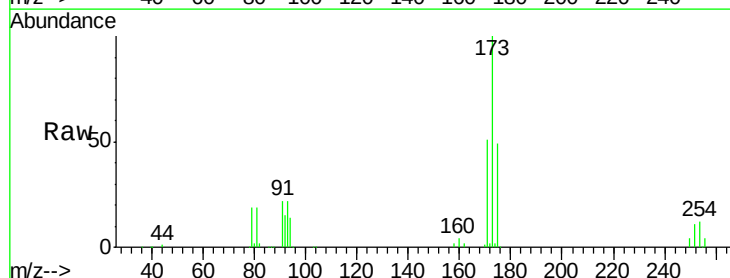
Tgt Ion: 173 Resp: 101226

Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

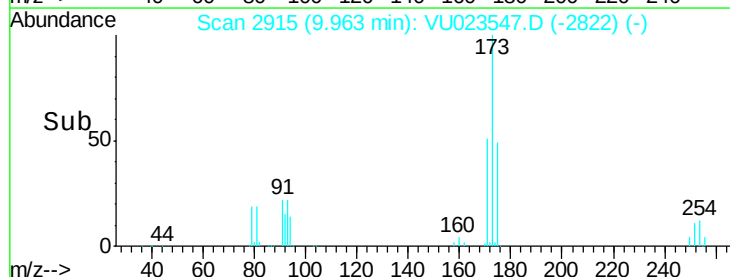
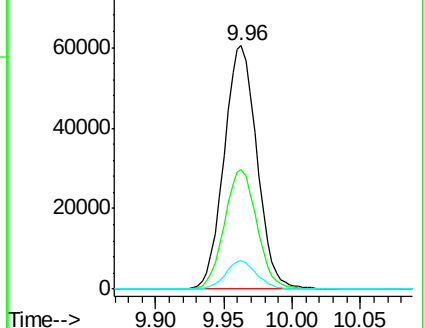
254 11.0 8.8 13.2

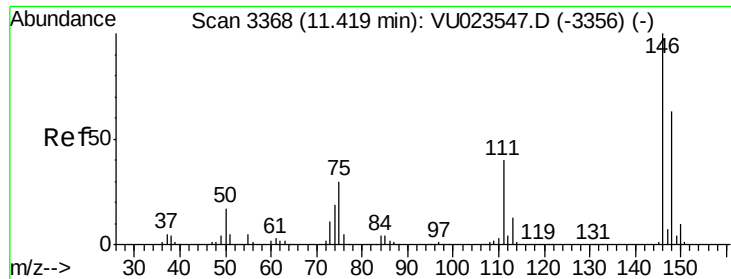


Abundance Ion 173.00 (172.70 to 173.70): VU023547.D (-2903) (-)

Ion 175.00 (174.70 to 175.70): VU023547.D (-2903) (-)

Ion 254.00 (253.70 to 254.70): VU023547.D (-2903) (-)





#62

1,3-Dichlorobenzene

Concen: 50.83 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU023547.D

Acq: 01 May 2018 11:21

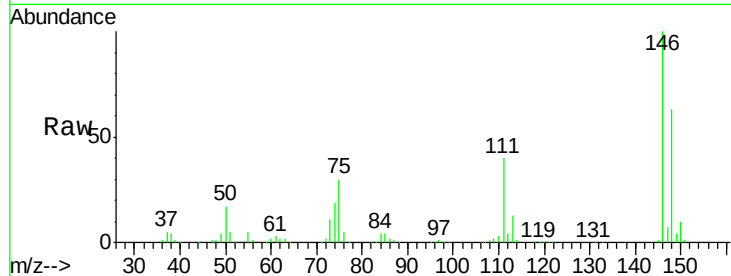
Tgt Ion:146 Resp: 290837

Ion Ratio Lower Upper

146 100

111 39.8 27.9 51.7

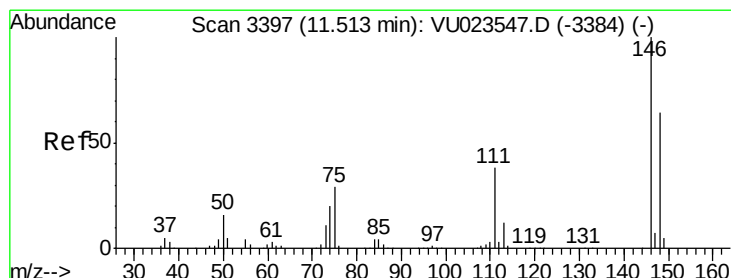
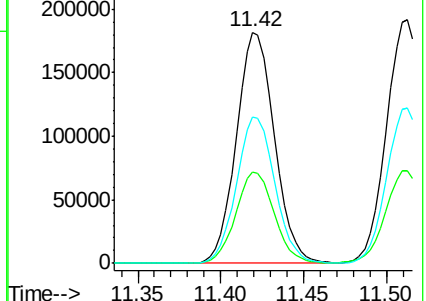
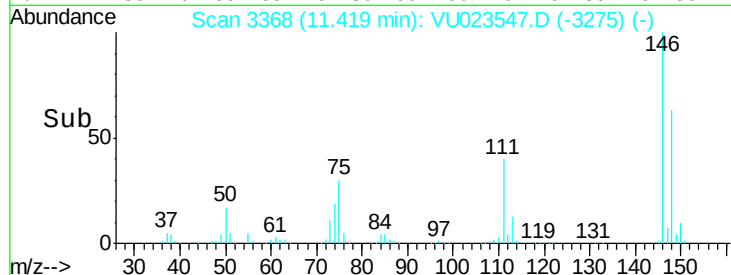
148 63.5 44.4 82.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 51.53 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU023547.D

Acq: 01 May 2018 11:21

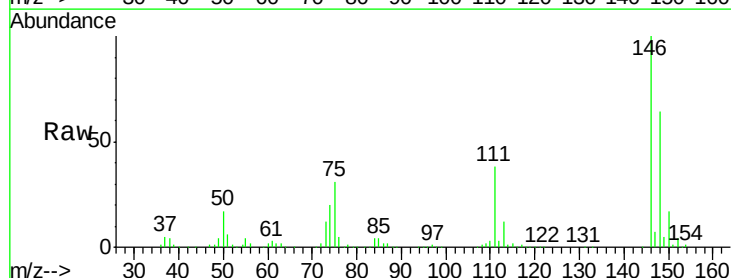
Tgt Ion:146 Resp: 305779

Ion Ratio Lower Upper

146 100

111 38.3 26.8 49.8

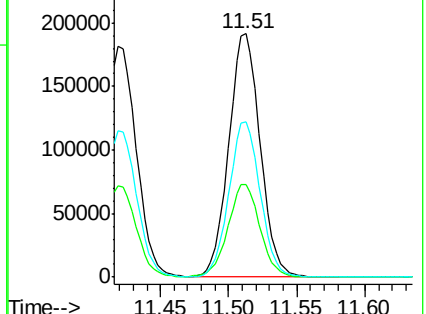
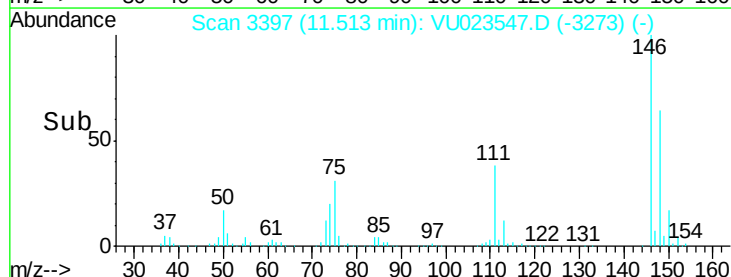
148 64.0 44.8 83.2

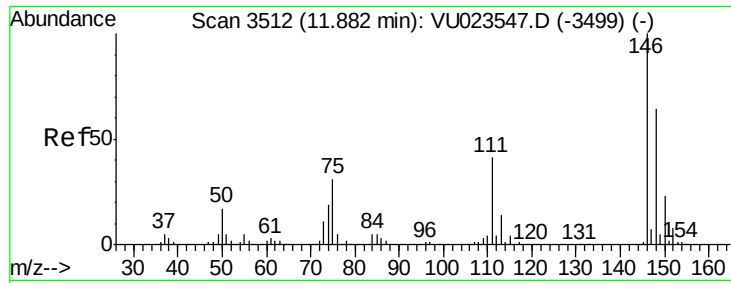


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

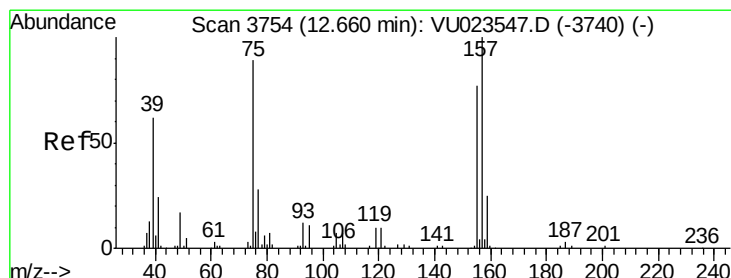
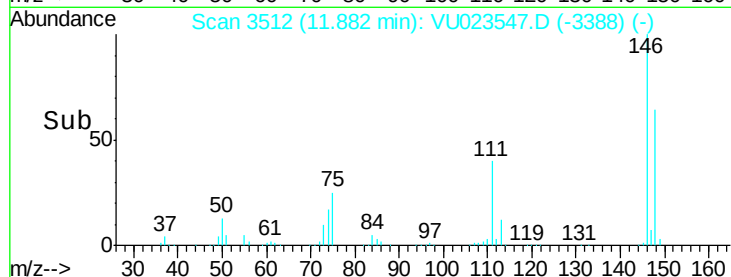
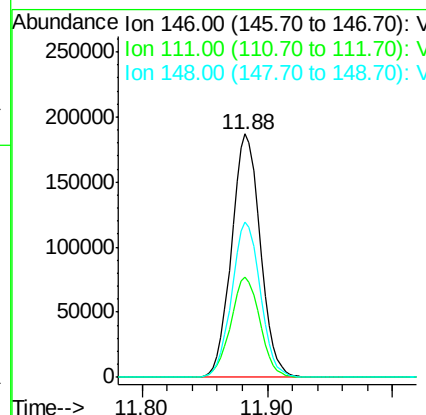
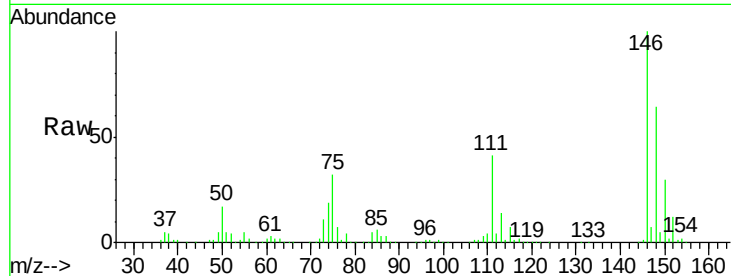
Ion 148.00 (147.70 to 148.70): V





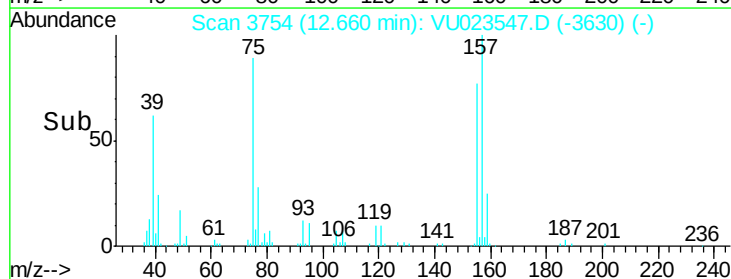
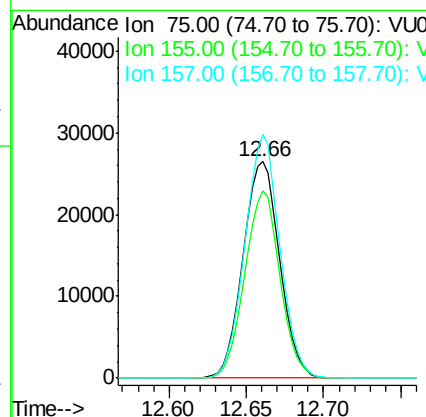
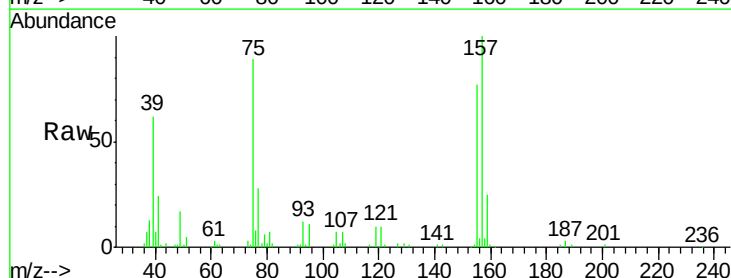
#65
 1,2-Dichlorobenzene
 Concen: 49.16 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

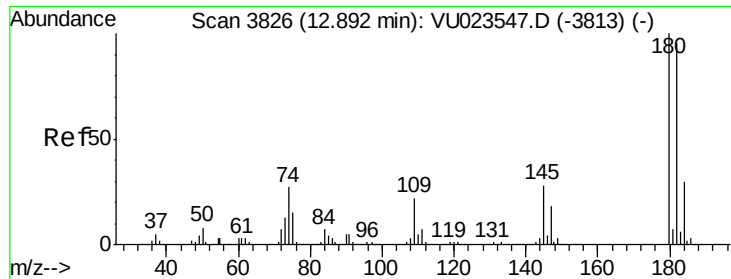
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	32.9	49.3
148	63.7	51.0	76.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 43.36 ug/L
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

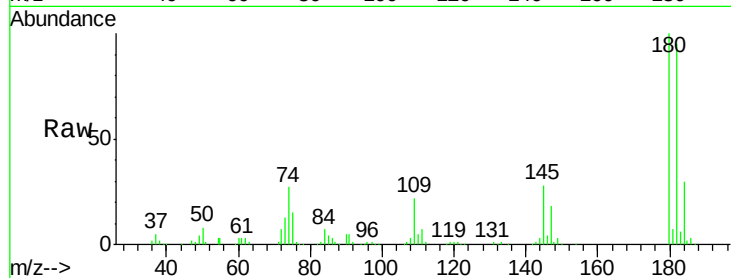
Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.1	68.9	103.3
157	112.4	89.9	134.9





#67
 1,3,5-Trichlorobenzene
 Concen: 53.24 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

Tgt Ion:	180	Resp:	244795
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.5	114.7
184	30.1	24.1	36.1
145	27.8	22.2	33.4

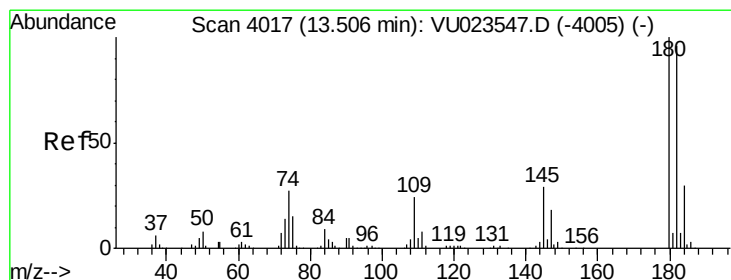
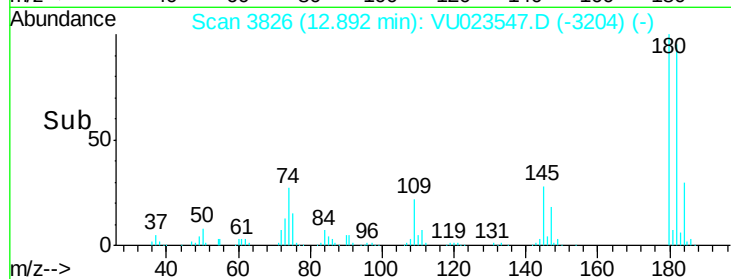
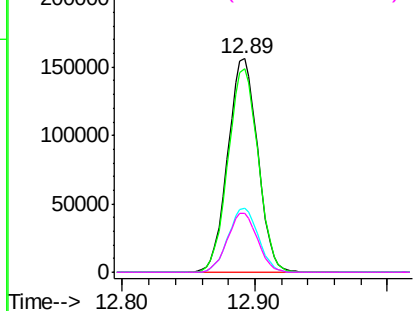


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

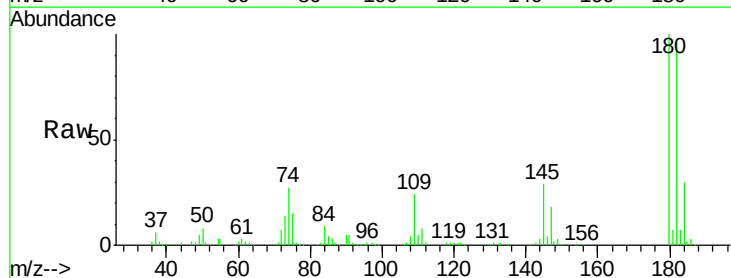
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 53.20 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU023547.D
 Acq: 01 May 2018 11:21

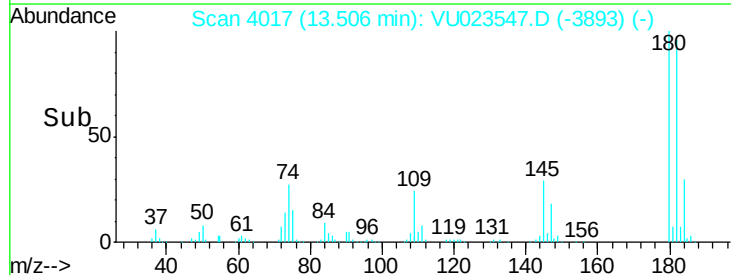
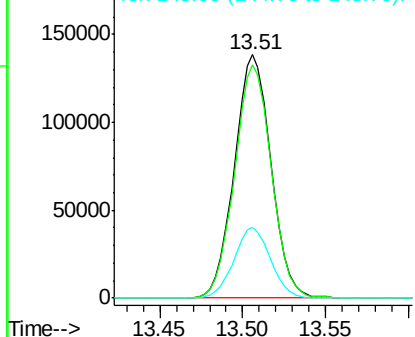
Tgt Ion:	180	Resp:	212360
Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.1	115.7
145	29.2	23.4	35.0

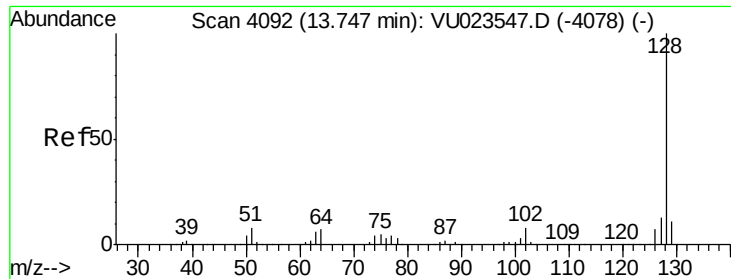


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

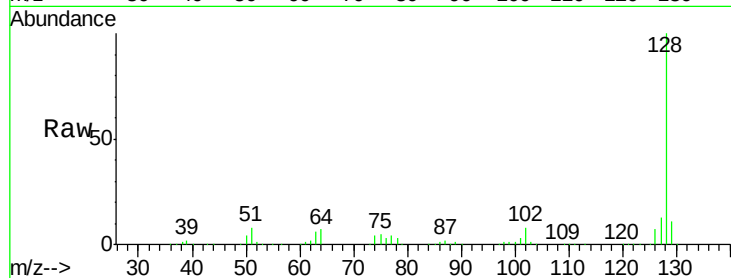




#69
Naphthalene
Concen: 49.61 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU023547.D
Acq: 01 May 2018 11:21

Tgt Ion:128 Resp: 619222

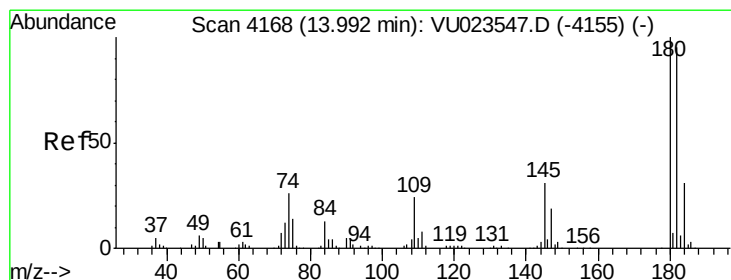
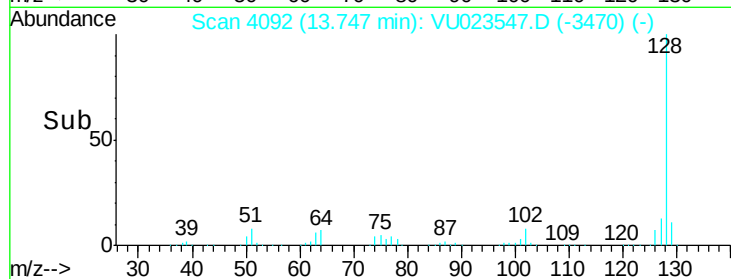
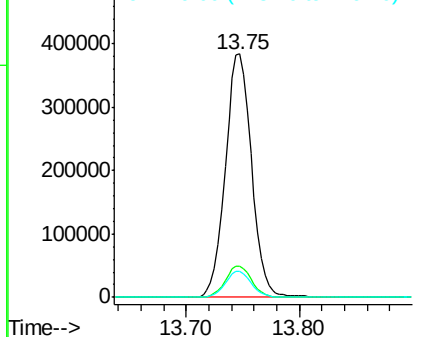
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

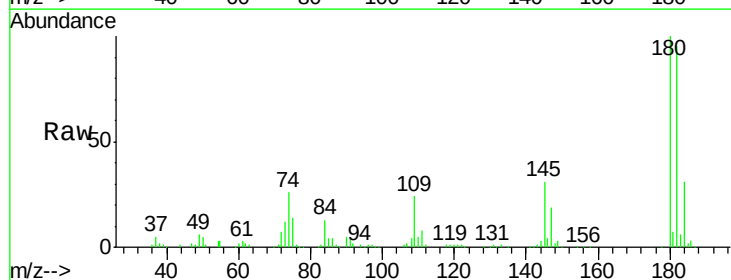
Ion 129.00 (128.70 to 129.70): V



#70
1,2,3-Trichlorobenzene
Concen: 51.42 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU023547.D
Acq: 01 May 2018 11:21

Tgt Ion:180 Resp: 221915

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
145	30.4	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

