

Data File : VU023550.D
Acq On : 01 May 2018 13:03
Operator : MD/SY
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 02 03:12:59 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 02 03:12:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	349803	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	331764	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	171526	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	118577	47.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.66%
7) Chloroethane-d5	1.68	69	90576	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.86%
11) 1,1-Dichloroethene-d2	2.28	63	225955	46.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.50%
21) 2-Butanone-d5	4.17	46	178060	103.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.95%
24) Chloroform-d	4.65	84	201503	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
26) 1,2-Dichloroethane-d4	5.31	65	137514	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
32) Benzene-d6	5.35	84	446212	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.26%
36) 1,2-Dichloropropane-d6	6.34	67	147478	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.92%
41) Toluene-d8	7.57	98	420193	51.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.85	79	66681	51.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.90%
47) 2-Hexanone-d5	8.31	63	119640	105.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.67%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	189435	49.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	165556	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	170894	45.25	ug/L	100
3) Chloromethane	1.33	50	185978	45.90	ug/L	99
5) Vinyl chloride	1.40	62	174600	45.50	ug/L	98
6) Bromomethane	1.63	94	97693	47.50	ug/L	100
8) Chloroethane	1.70	64	101852	43.92	ug/L	99
9) Trichlorofluoromethane	1.89	101	197808	45.81	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	121970	44.80	ug/L	99
12) 1,1-Dichloroethene	2.29	96	114069	44.68	ug/L	98
13) Acetone	2.32	43	197694	77.68	ug/L	99
14) Carbon disulfide	2.48	76	410628	46.66	ug/L	99
15) Methyl Acetate	2.62	43	157318	46.67	ug/L	99
16) Methylene chloride	2.71	84	143757	45.11	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	132210	47.33	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	396979	48.07	ug/L	99
19) 1,1-Dichloroethane	3.45	63	255680	46.12	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	145144	46.82	ug/L	99
22) 2-Butanone	4.26	43	248442	87.78	ug/L	99

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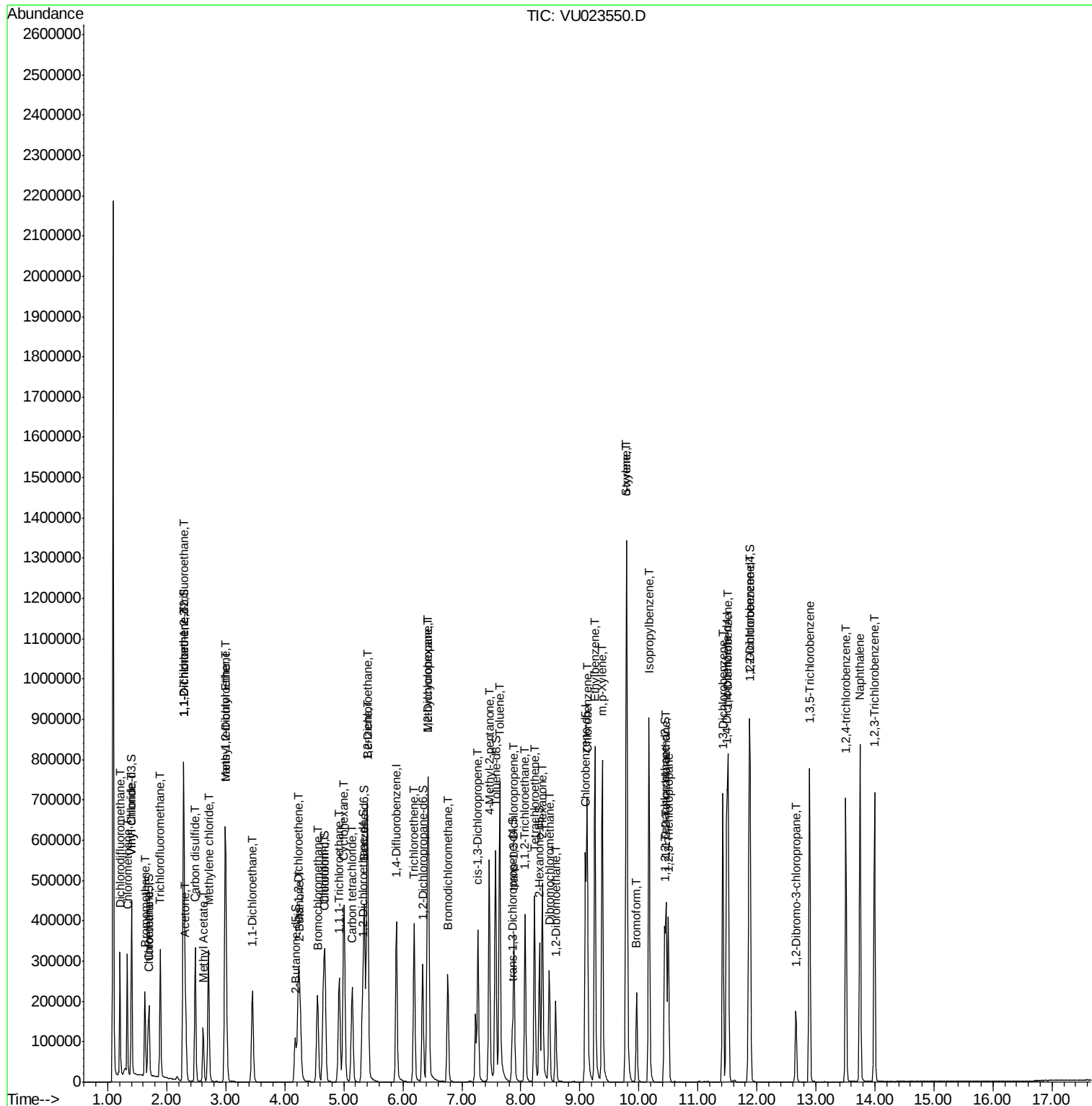
Quant Time: May 02 03:12:59 2018
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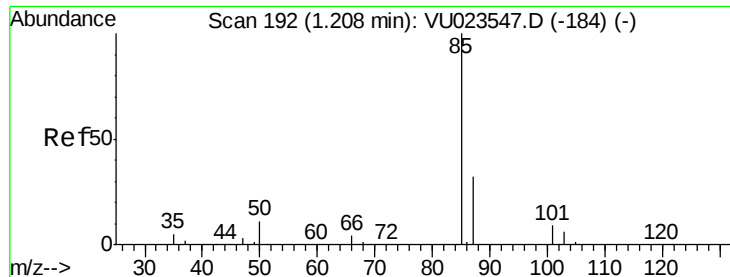
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	71879	46.19	ug/L	99
25) Chloroform	4.68	83	257106	45.22	ug/L	98
27) 1,2-Dichloroethane	5.41	62	193398	45.88	ug/L	99
29) Cyclohexane	5.00	56	244632	49.89	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	199915	47.57	ug/L	99
31) Carbon tetrachloride	5.14	117	172784	47.32	ug/L	99
33) Benzene	5.39	78	563115	48.17	ug/L	100
34) Trichloroethene	6.19	95	139850	46.69	ug/L	99
35) Methylcyclohexane	6.42	83	226707	48.39	ug/L	99
37) 1,2-Dichloropropane	6.44	63	158861	47.41	ug/L	99
38) Bromodichloromethane	6.76	83	177576	46.97	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	226464	49.05	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	402285	98.34	ug/L	100
42) Toluene	7.64	91	587187	48.46	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	206144	50.03	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	134396	47.21	ug/L	98
46) Tetrachloroethene	8.23	164	116138	47.57	ug/L	98
48) 2-Hexanone	8.36	43	333748	93.67	ug/L	99
49) Dibromochloromethane	8.48	129	141823	47.29	ug/L	98
50) 1,2-Dibromoethane	8.59	107	136195	47.37	ug/L	100
51) Chlorobenzene	9.12	112	378947	46.93	ug/L	99
52) Ethylbenzene	9.25	91	644249	49.05	ug/L	100
53) m,p-Xylene	9.38	106	246609	49.22	ug/L	99
54) o-xylene	9.78	106	236969	49.92	ug/L	98
55) Styrene	9.80	104	414297	49.89	ug/L	100
56) Isopropylbenzene	10.17	105	619418	49.72	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	218346	46.71	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	174101	47.06	ug/L	99
61) Bromoform	9.96	173	101924	47.27	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	296213	47.89	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	303401	46.98	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	298211	47.13	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	43580	47.43	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	248054	47.88	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	225043	51.14	ug/L	98
69) Naphthalene	13.75	128	649993	56.29	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	229560	51.20	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 45.25 ug/L

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU023550.D

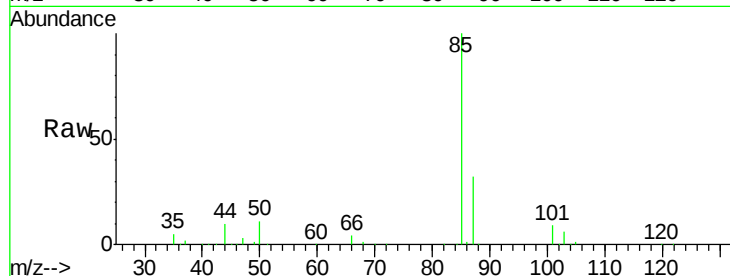
Acq: 01 May 2018 13:03

Tgt Ion: 85 Resp: 170894

Ion Ratio Lower Upper

85 100

87 32.3 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VU023550.D (-99) (-)

Ion 87.00 (86.70 to 87.70): VU023550.D (-99) (-)

1.21

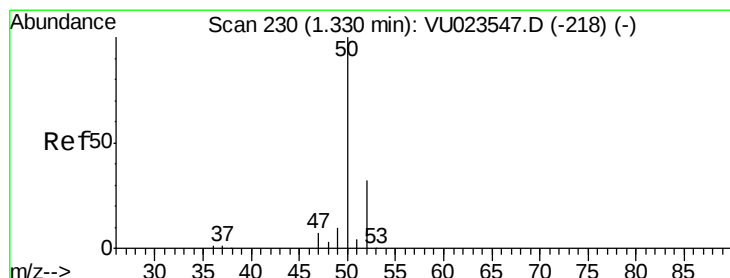
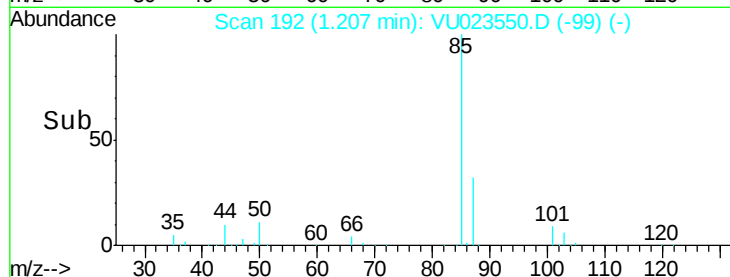
150000

100000

50000

0

Time--> 1.15 1.20 1.25



#3

Chloromethane

Concen: 45.90 ug/L

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU023550.D

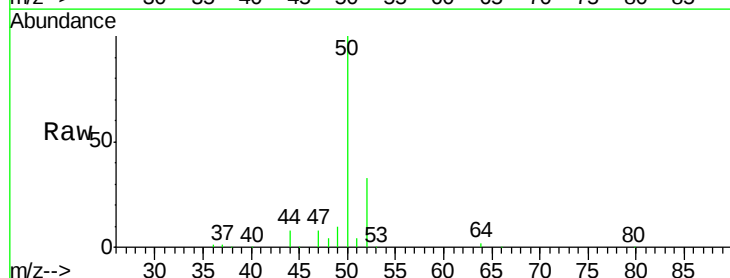
Acq: 01 May 2018 13:03

Tgt Ion: 50 Resp: 185978

Ion Ratio Lower Upper

50 100

52 33.0 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VU023550.D (-137) (-)

Ion 52.00 (51.70 to 52.70): VU023550.D (-137) (-)

1.33

200000

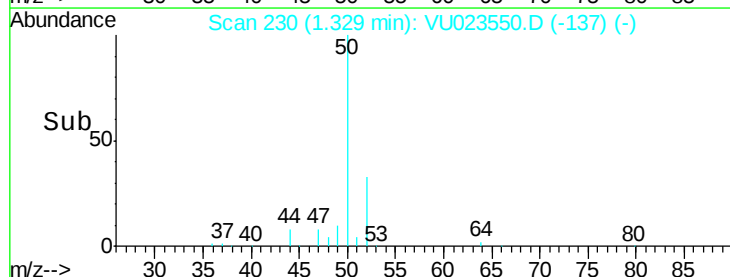
150000

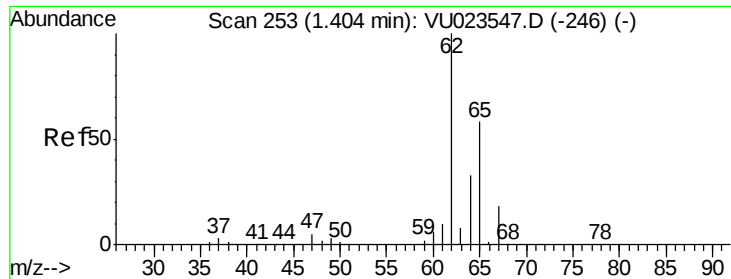
100000

50000

0

Time--> 1.30 1.35 1.40





#5

Vinyl chloride

Concen: 45.50 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023550.D

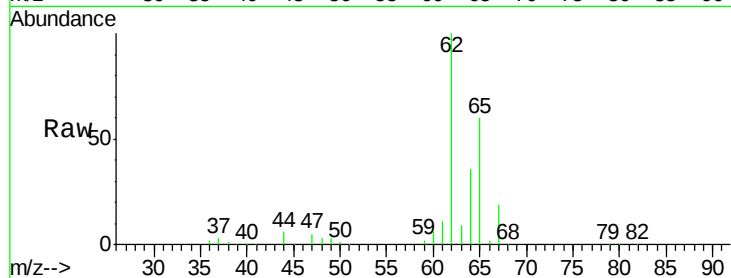
Acq: 01 May 2018 13:03

Tgt Ion: 62 Resp: 174600

Ion Ratio Lower Upper

62 100

64 35.6 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

150000

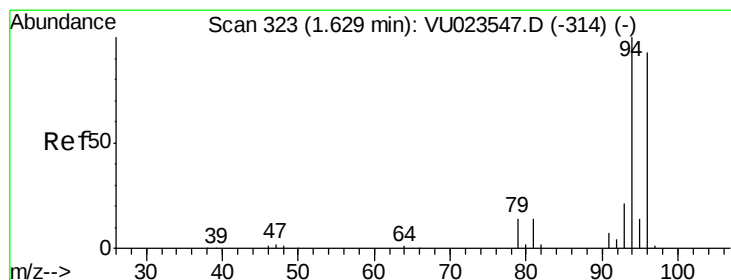
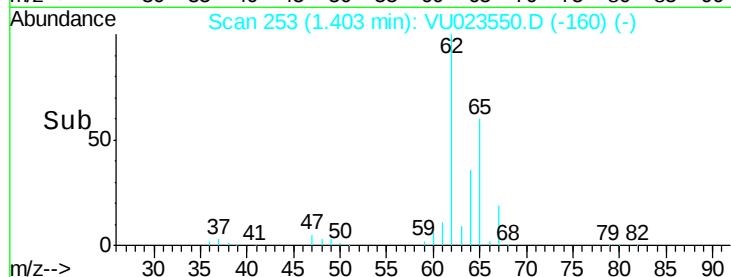
100000

50000

0

Time-->

1.35 1.40 1.45 1.50



#6

Bromomethane

Concen: 47.50 ug/L

RT: 1.63 min Scan# 323

Delta R.T. -0.00 min

Lab File: VU023550.D

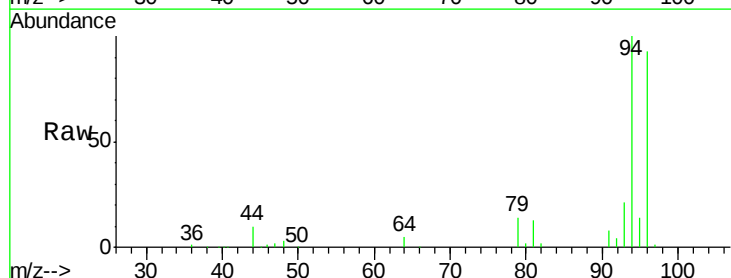
Acq: 01 May 2018 13:03

Tgt Ion: 94 Resp: 97693

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

1.63

80000

60000

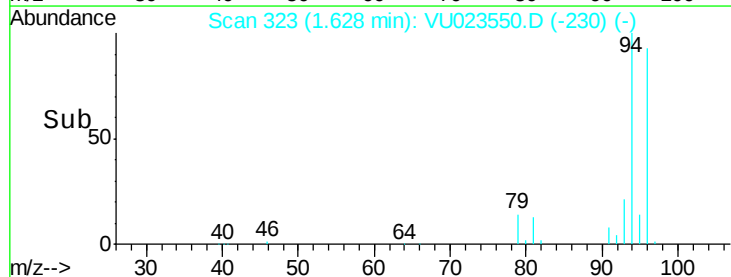
40000

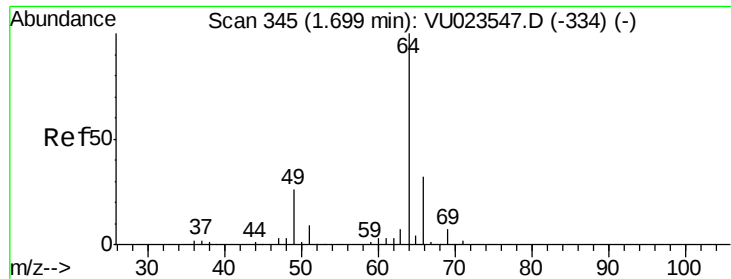
20000

0

Time-->

1.60 1.65 1.70





#8

Chloroethane

Concen: 43.92 ug/L

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU023550.D

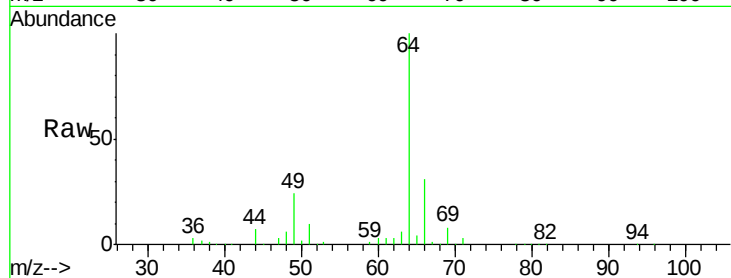
Acq: 01 May 2018 13:03

Tgt Ion: 64 Resp: 101852

Ion Ratio Lower Upper

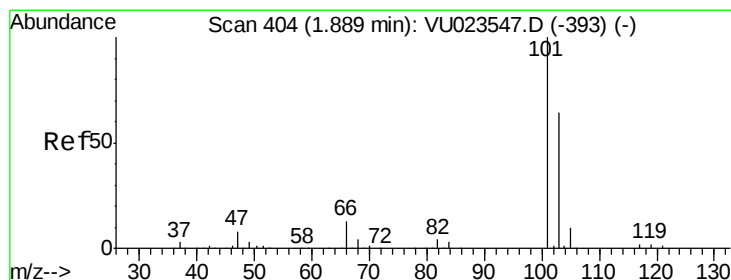
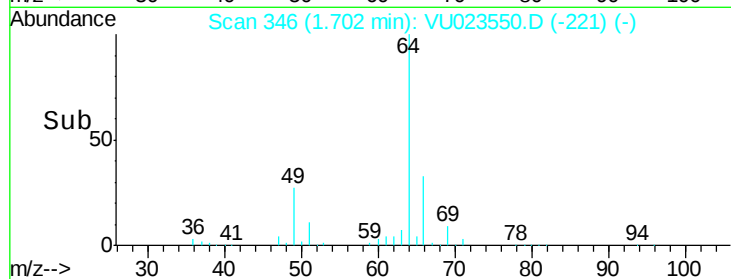
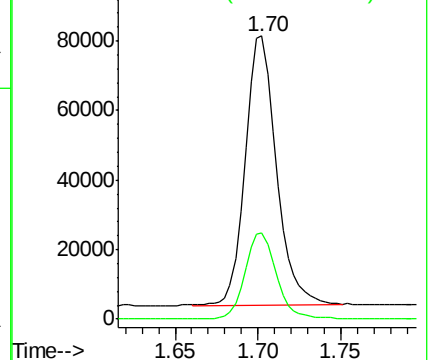
64 100

66 30.5 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: 45.81 ug/L

RT: 1.89 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU023550.D

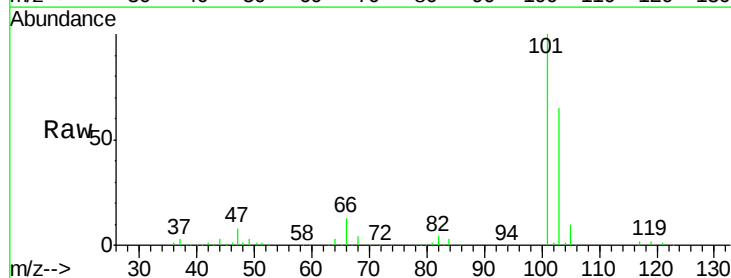
Acq: 01 May 2018 13:03

Tgt Ion: 101 Resp: 197808

Ion Ratio Lower Upper

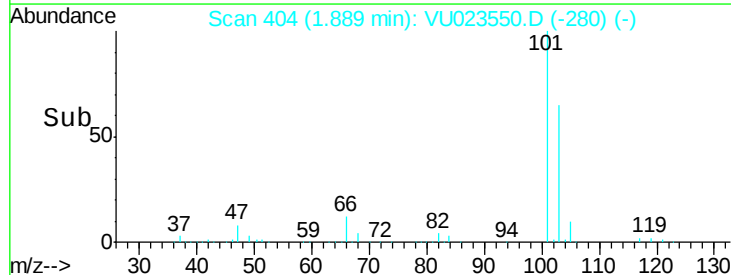
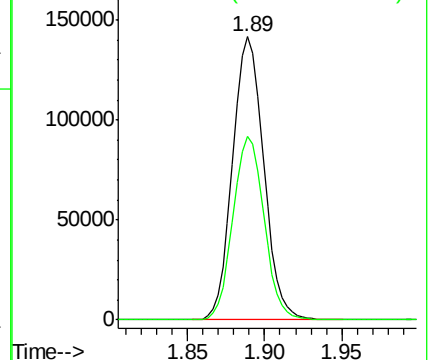
101 100

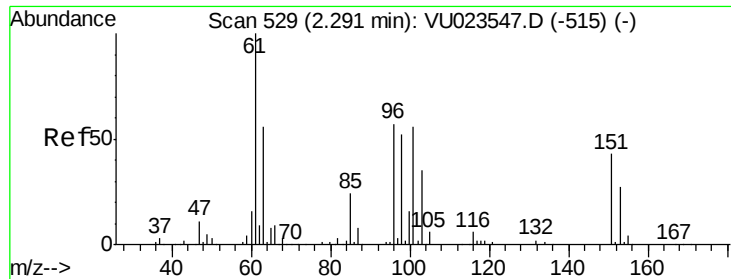
103 64.6 52.2 78.4



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: 44.80 ug/L

RT: 2.29 min Scan# 529

Delta R.T. -0.00 min

Lab File: VU023550.D

Acq: 01 May 2018 13:03

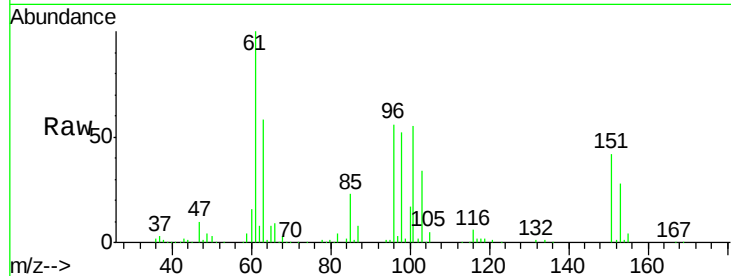
Tgt Ion: 101 Resp: 121970

Ion Ratio Lower Upper

101 100

85 42.9 34.9 52.3

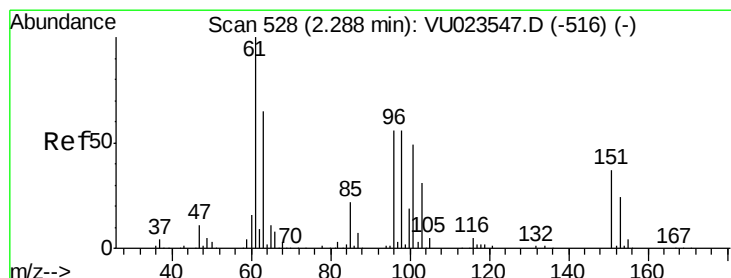
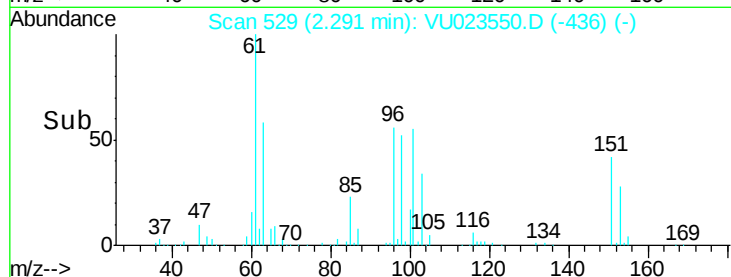
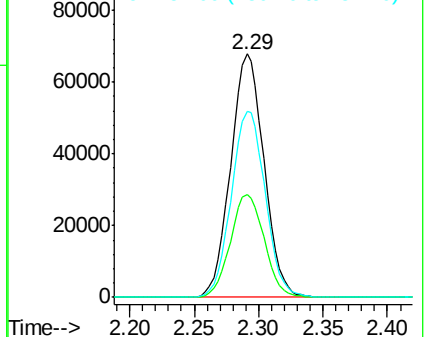
151 77.7 61.0 91.6



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: 44.68 ug/L

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU023550.D

Acq: 01 May 2018 13:03

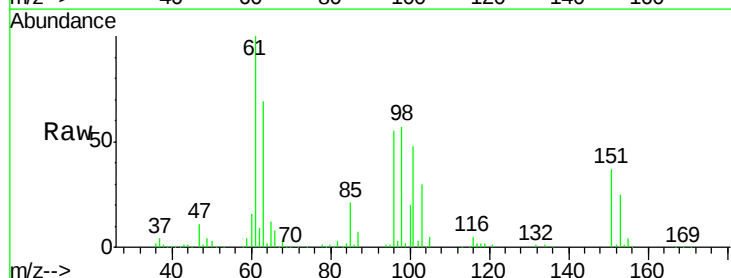
Tgt Ion: 96 Resp: 114069

Ion Ratio Lower Upper

96 100

61 181.0 125.9 233.7

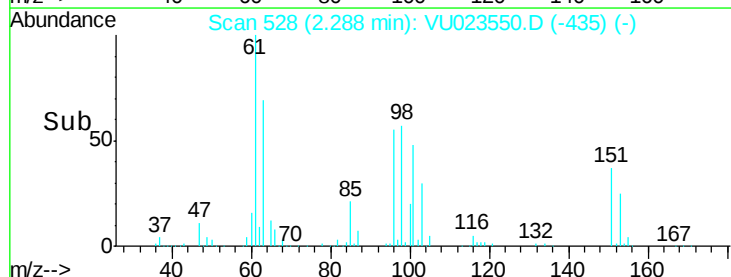
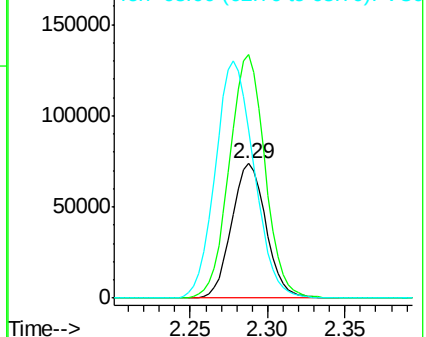
63 124.7 84.8 157.6

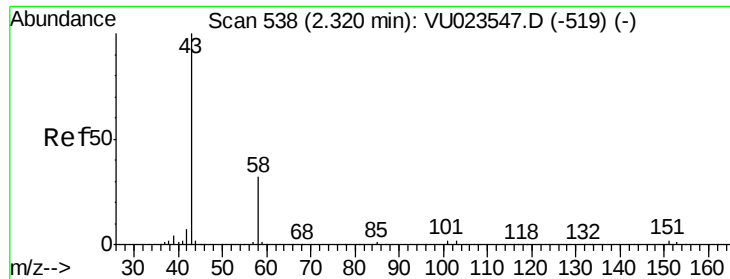


Abundance Ion 96.00 (95.70 to 96.70): VU023547.D (-516) (-)

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: 77.68 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU023550.D

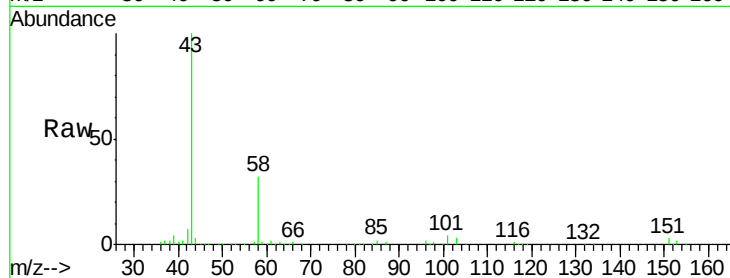
Acq: 01 May 2018 13:03

Tgt Ion: 43 Resp: 197694

Ion Ratio Lower Upper

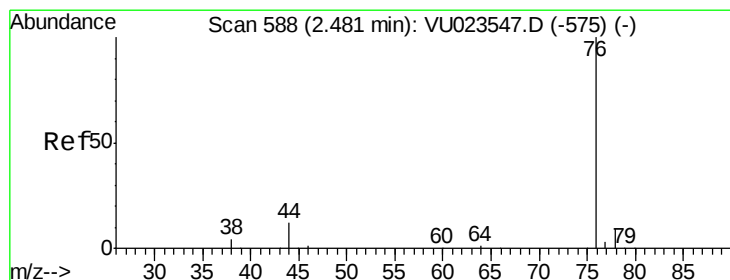
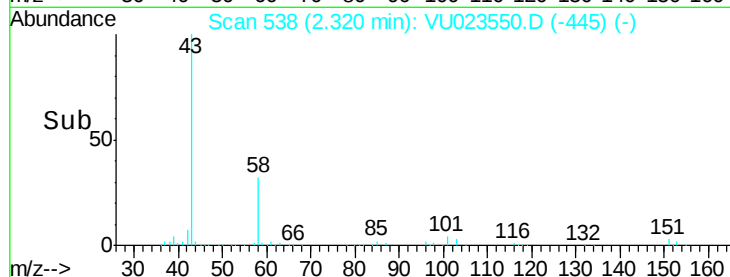
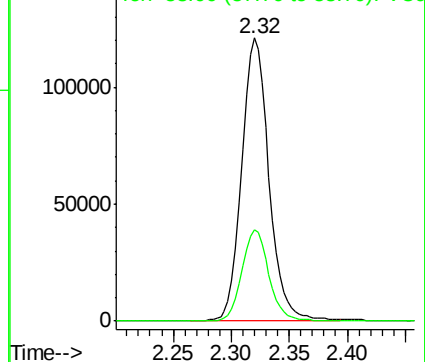
43 100

58 31.9 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: 46.66 ug/L

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU023550.D

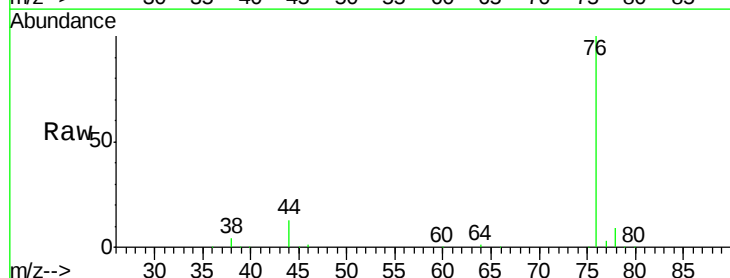
Acq: 01 May 2018 13:03

Tgt Ion: 76 Resp: 410628

Ion Ratio Lower Upper

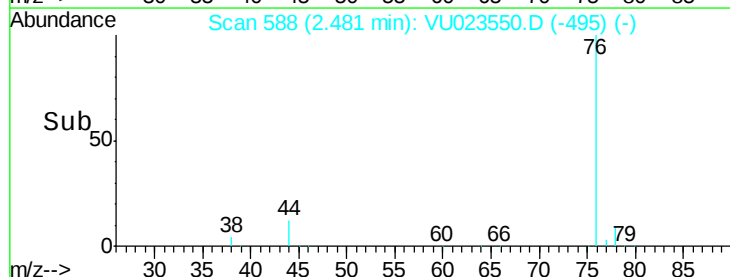
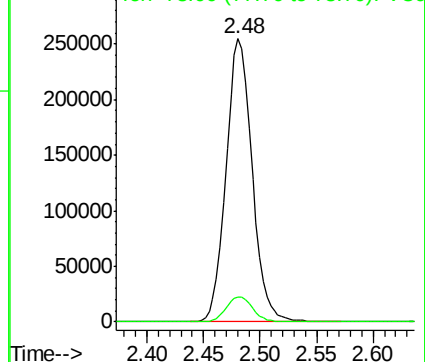
76 100

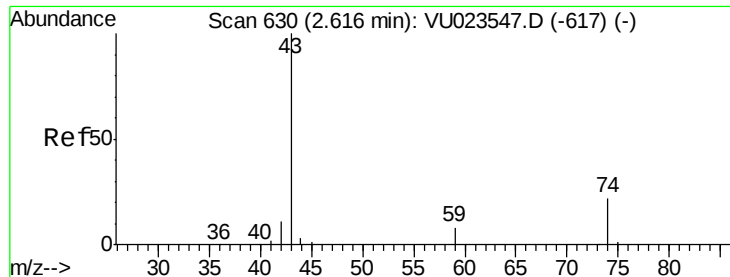
78 9.0 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU0

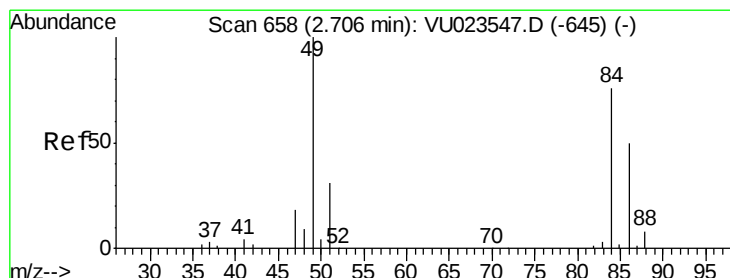
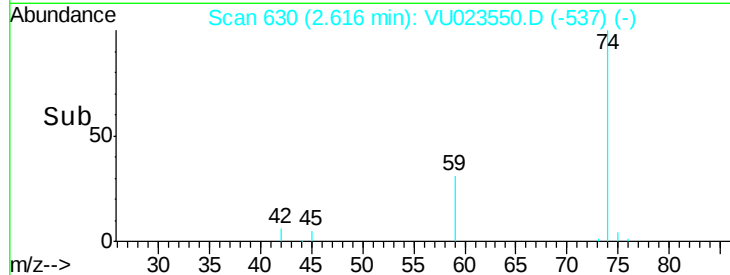
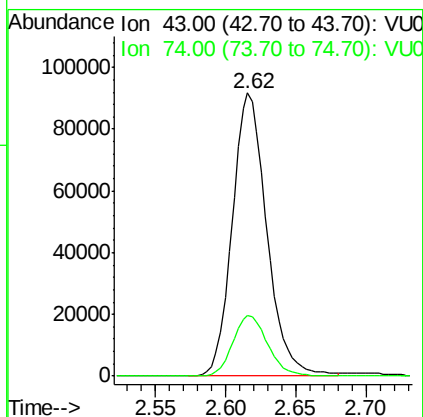
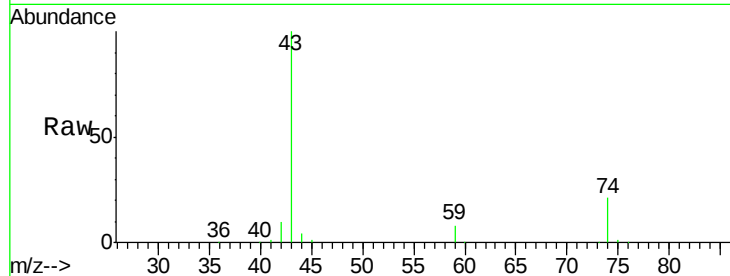
Ion 78.00 (77.70 to 78.70): VU0





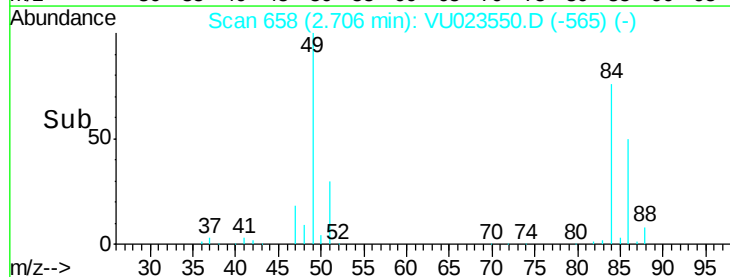
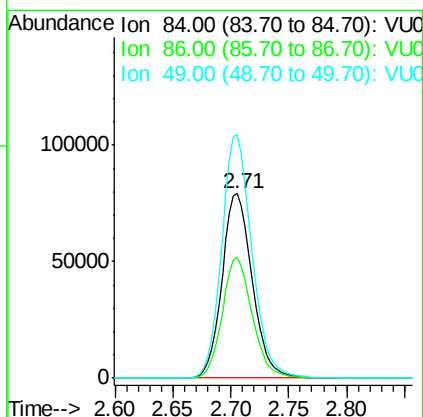
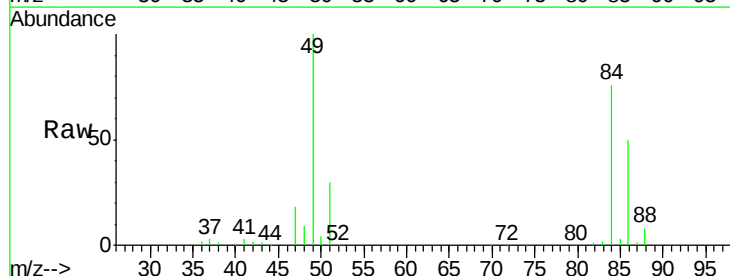
#15
Methyl Acetate
Concen: 46.67 ug/L
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU023550.D
Acq: 01 May 2018 13:03

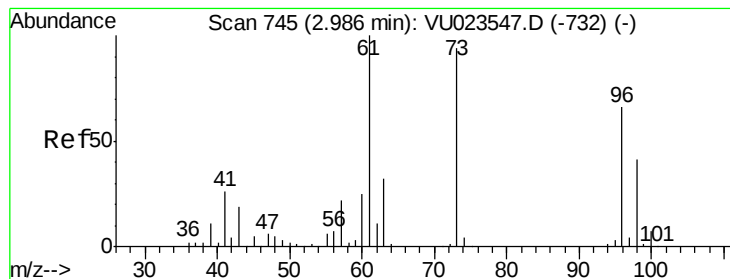
Tgt Ion: 43 Resp: 157318
Ion Ratio Lower Upper
43 100
74 21.6 17.5 26.3



#16
Methylene chloride
Concen: 45.11 ug/L
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU023550.D
Acq: 01 May 2018 13:03

Tgt Ion: 84 Resp: 143757
Ion Ratio Lower Upper
84 100
86 65.7 45.6 84.8
49 132.2 91.9 170.7





#17

trans-1,2-Dichloroethene

Concen: 47.33 ug/L

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU023550.D

Acq: 01 May 2018 13:03

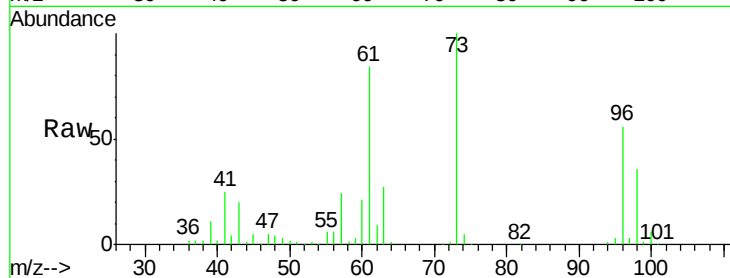
Tgt Ion: 96 Resp: 132210

Ion Ratio Lower Upper

96 100

61 149.8 106.9 198.5

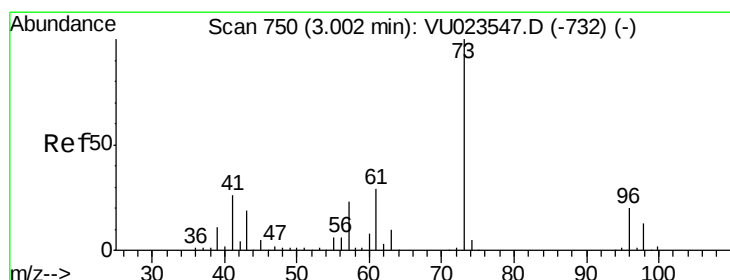
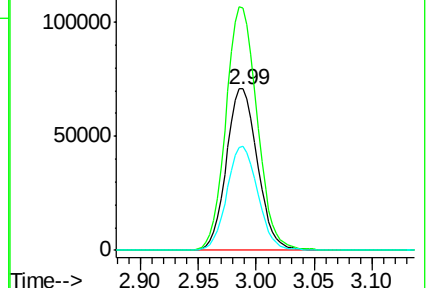
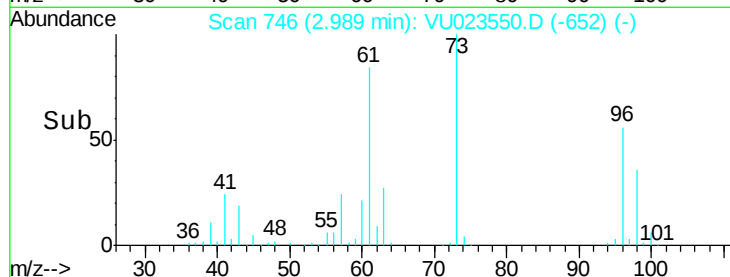
98 64.3 44.2 82.2



Abundance Ion 96.00 (95.70 to 96.70): VU023547.D (-732) (-)

Ion 61.00 (60.70 to 61.70): VU023547.D (-732) (-)

Ion 98.00 (97.70 to 98.70): VU023547.D (-732) (-)



#18

Methyl tert-butyl Ether

Concen: 48.07 ug/L

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU023550.D

Acq: 01 May 2018 13:03

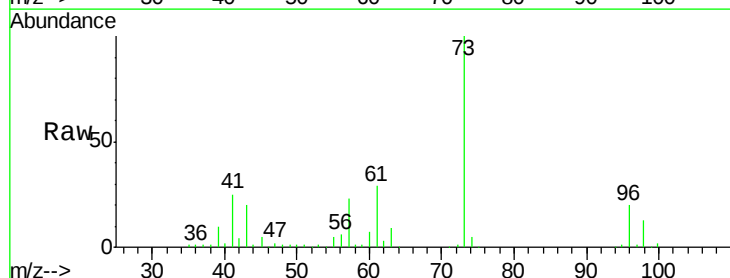
Tgt Ion: 73 Resp: 396979

Ion Ratio Lower Upper

73 100

43 19.6 15.5 23.3

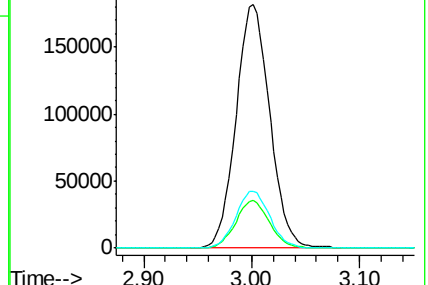
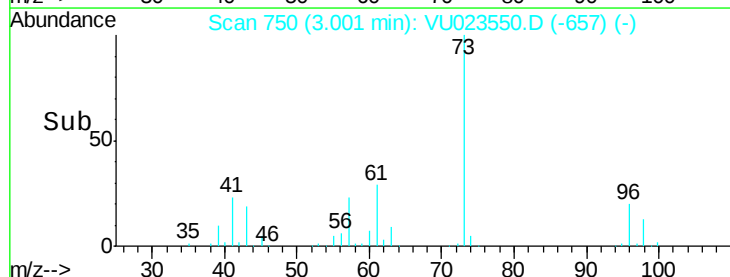
57 23.6 18.5 27.7

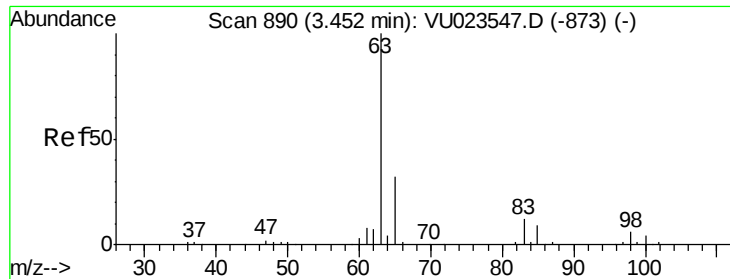


Abundance Ion 73.00 (72.70 to 73.70): VU023547.D (-732) (-)

Ion 43.00 (42.70 to 43.70): VU023547.D (-732) (-)

Ion 57.00 (56.70 to 57.70): VU023547.D (-732) (-)





#19

1,1-Dichloroethane

Concen: 46.12 ug/L

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU023550.D

Acq: 01 May 2018 13:03

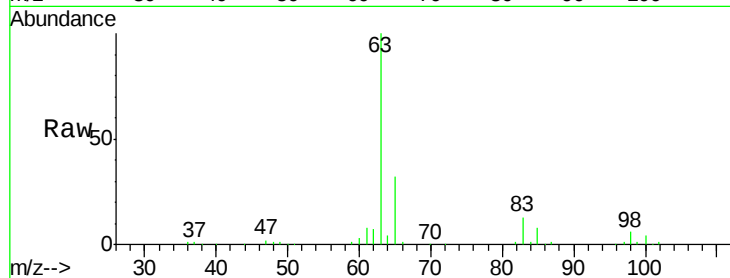
Tgt Ion: 63 Resp: 255680

Ion Ratio Lower Upper

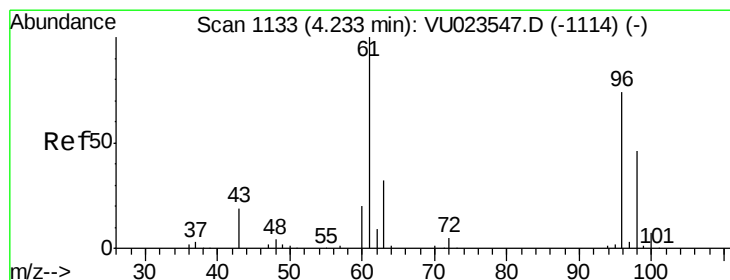
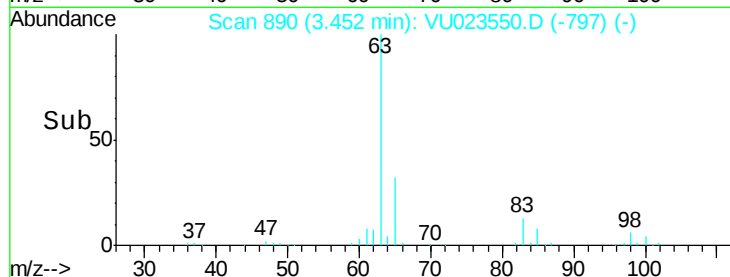
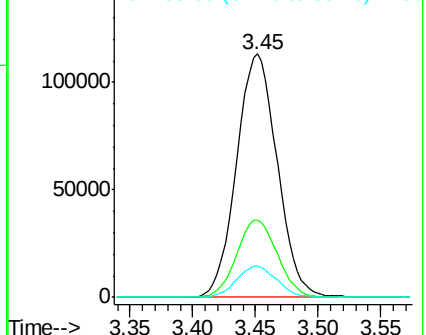
63 100

65 31.7 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: 46.82 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU023550.D

Acq: 01 May 2018 13:03

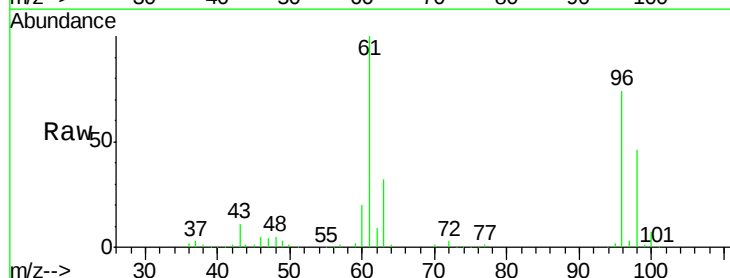
Tgt Ion: 96 Resp: 145144

Ion Ratio Lower Upper

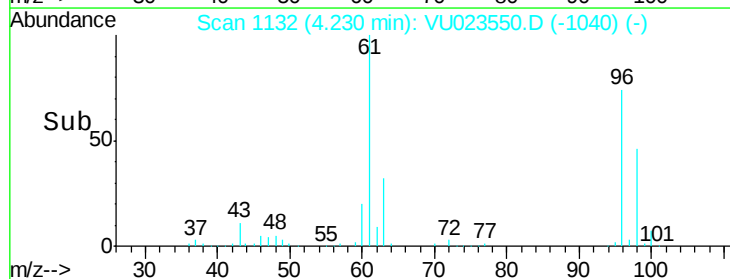
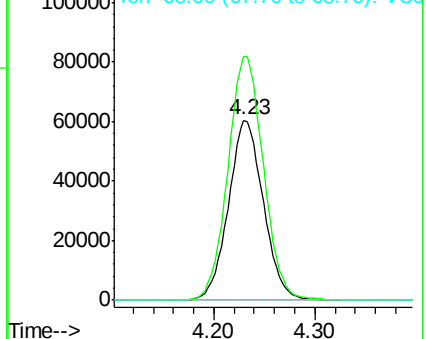
96 100

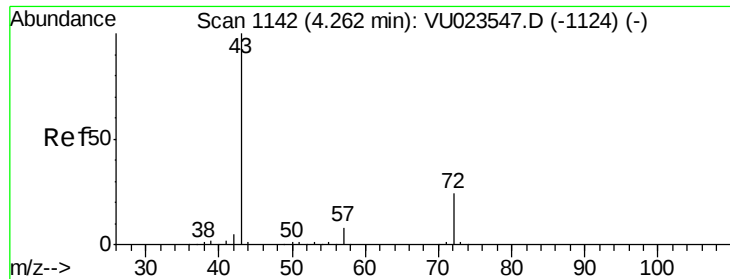
61 135.3 95.3 177.1

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: 87.78 ug/L

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU023550.D

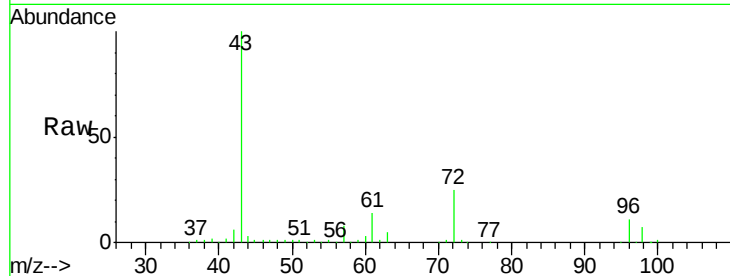
Acq: 01 May 2018 13:03

Tgt Ion: 43 Resp: 248442

Ion Ratio Lower Upper

43 100

72 25.2 12.3 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU023550.D (-1049) (-)

Ion 72.00 (71.70 to 72.70): VU023550.D (-1049) (-)

4.26

100000

80000

60000

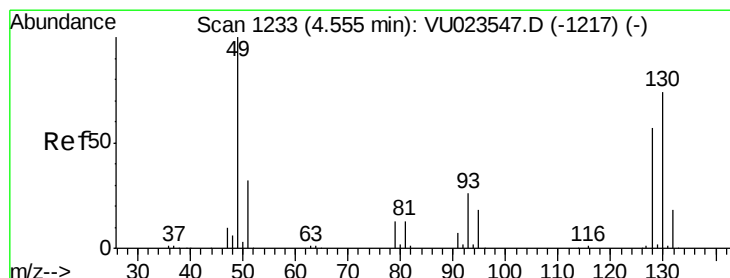
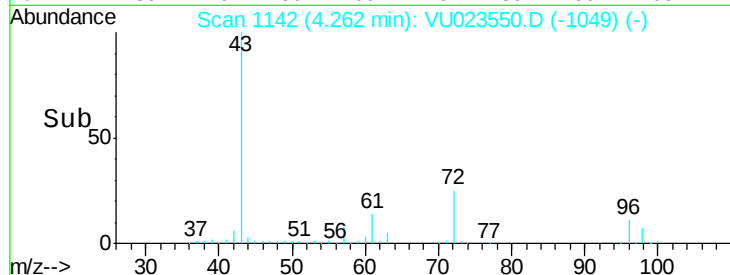
40000

20000

0

Time-->

4.10 4.20 4.30 4.40 4.50



#23

Bromochloromethane

Concen: 46.19 ug/L

RT: 4.55 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU023550.D

Acq: 01 May 2018 13:03

Tgt Ion: 128 Resp: 71879

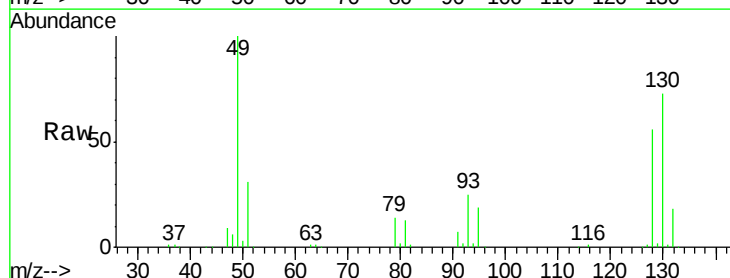
Ion Ratio Lower Upper

128 100

49 178.5 123.7 229.7

130 130.9 90.6 168.3

51 55.0 45.0 67.6



Abundance Ion 128.00 (127.70 to 128.70): VU023550.D (-1140) (-)

Ion 49.00 (48.70 to 49.70): VU023550.D (-1140) (-)

Ion 130.00 (129.70 to 130.70): VU023550.D (-1140) (-)

Ion 51.00 (50.70 to 51.70): VU023550.D (-1140) (-)

4.55

80000

60000

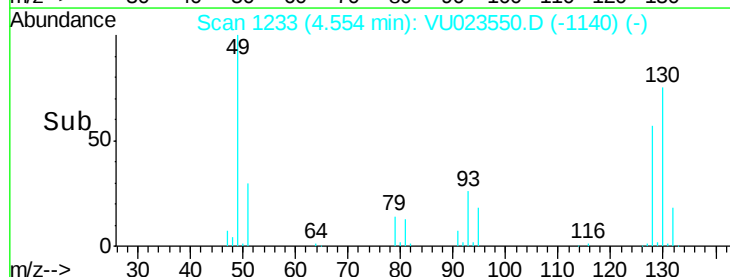
40000

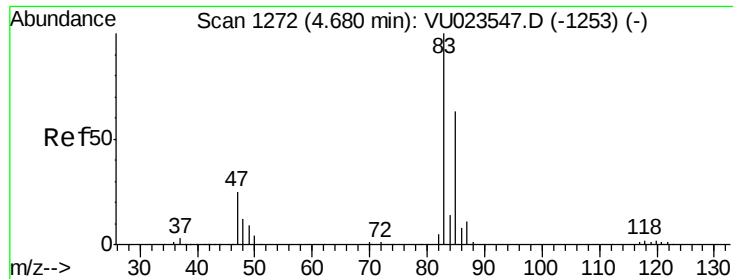
20000

0

Time-->

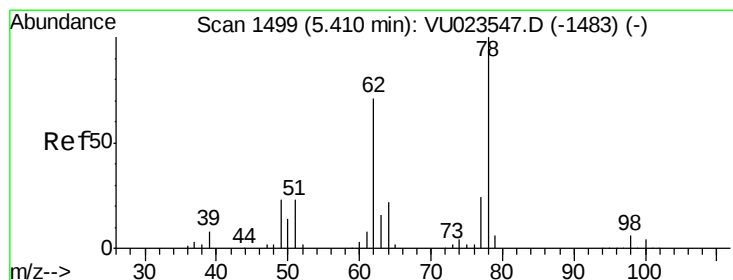
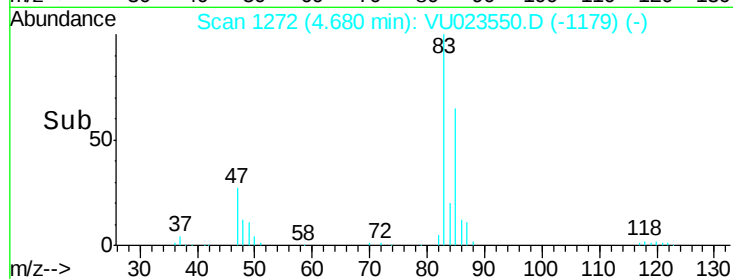
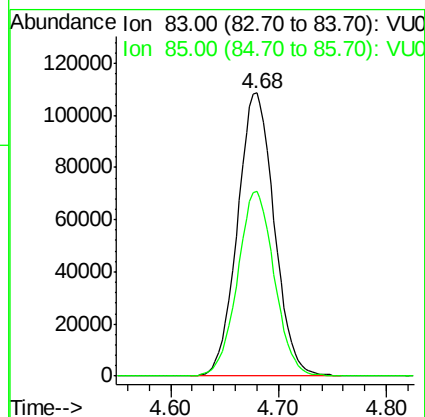
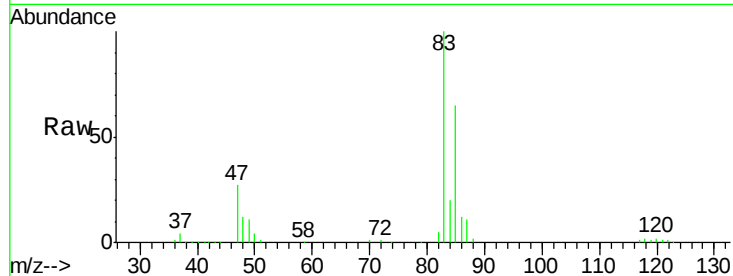
4.45 4.50 4.55 4.60 4.65





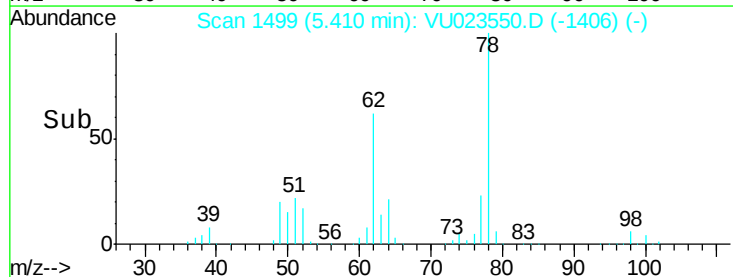
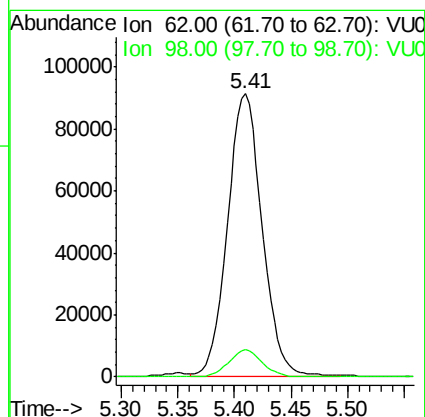
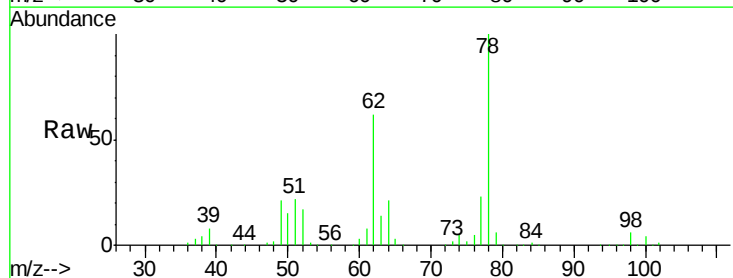
#25
Chloroform
Concen: 45.22 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU023550.D
Acq: 01 May 2018 13:03

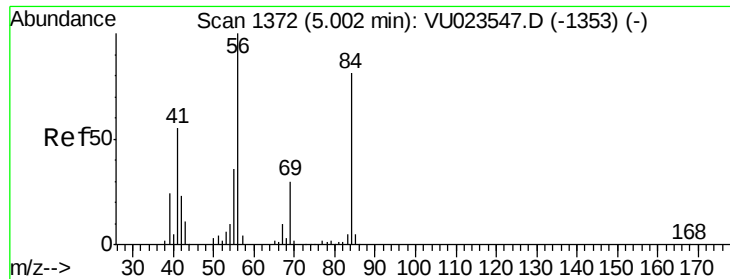
Tgt Ion: 83 Resp: 257106
Ion Ratio Lower Upper
83 100
85 65.1 44.4 82.5



#27
1,2-Dichloroethane
Concen: 45.88 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU023550.D
Acq: 01 May 2018 13:03

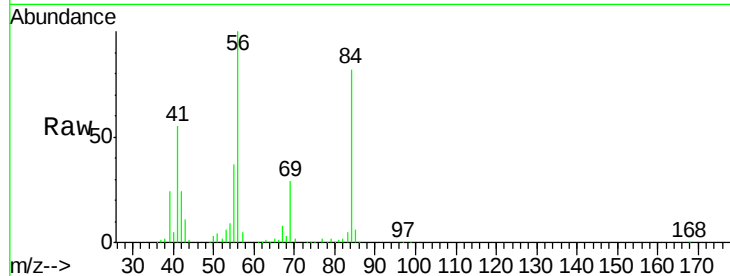
Tgt Ion: 62 Resp: 193398
Ion Ratio Lower Upper
62 100
98 9.6 7.3 10.9



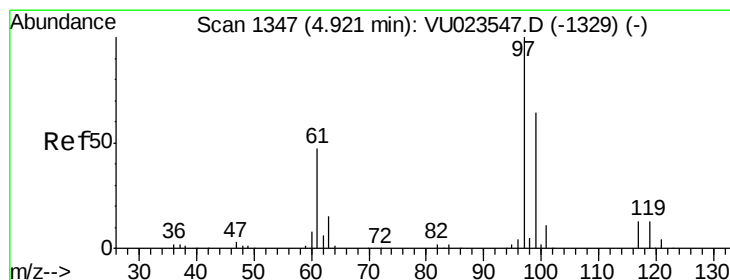
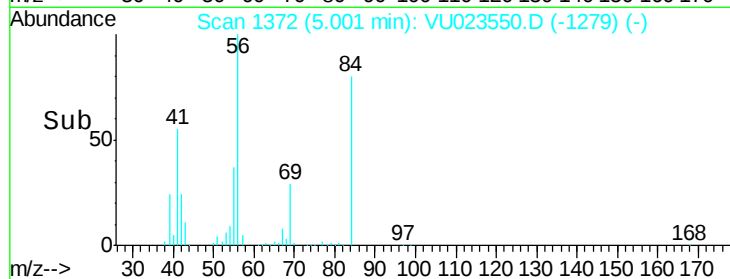
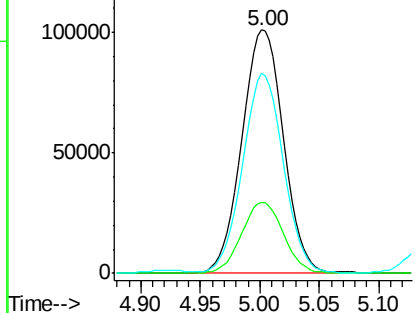


#29
Cyclohexane
Concen: 49.89 ug/L
RT: 5.00 min Scan# 1372
Delta R.T. -0.00 min
Lab File: VU023550.D
Acq: 01 May 2018 13:03

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.5	35.3
84	80.1	63.8	95.8

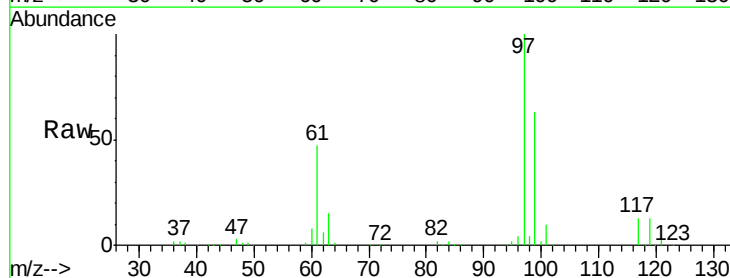


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

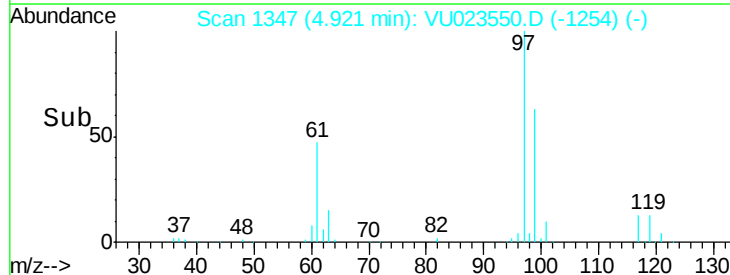
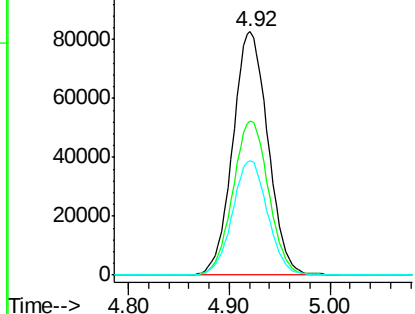


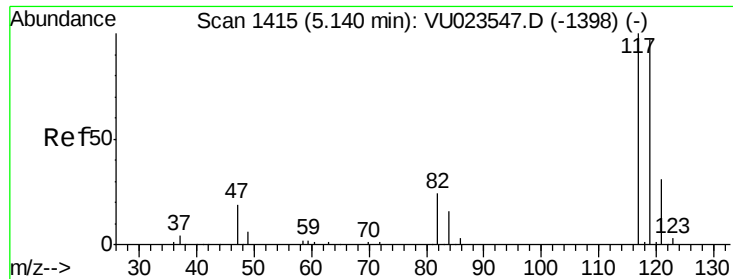
#30
1,1,1-Trichloroethane
Concen: 47.57 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU023550.D
Acq: 01 May 2018 13:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.8	77.6
61	46.8	37.7	56.5



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.05 (60.75 to 61.75): VU0





#31

Carbon tetrachloride

Concen: 47.32 ug/L

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU023550.D

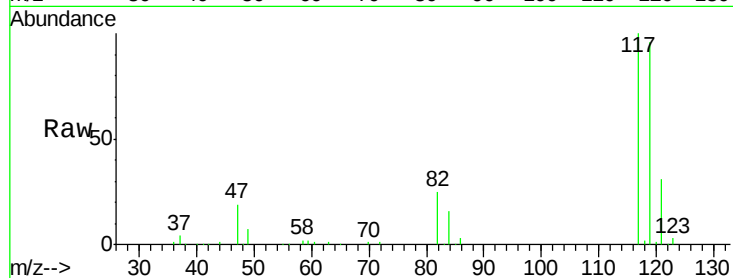
Acq: 01 May 2018 13:03

Tgt Ion: 117 Resp: 172784

Ion Ratio Lower Upper

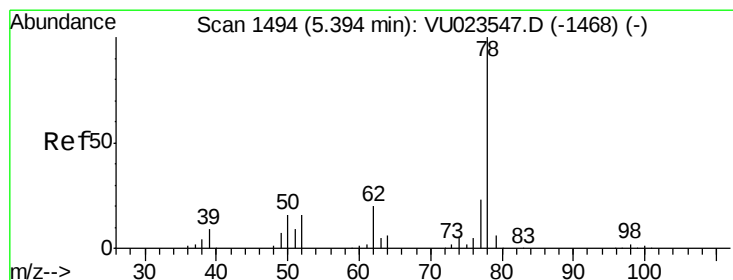
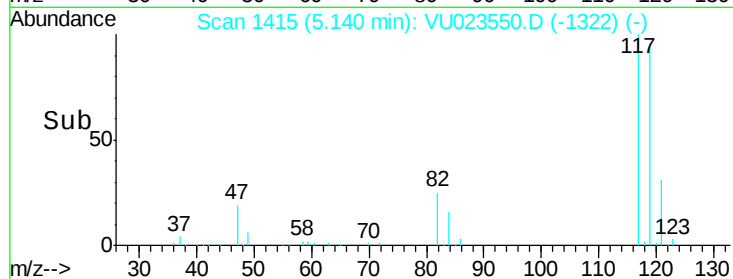
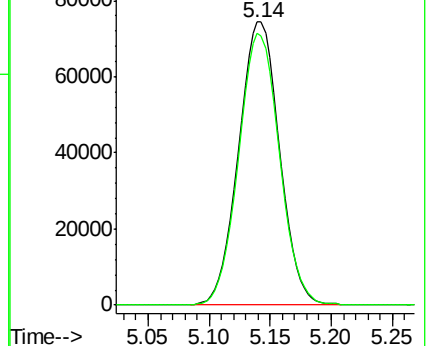
117 100

119 96.0 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: 48.17 ug/L

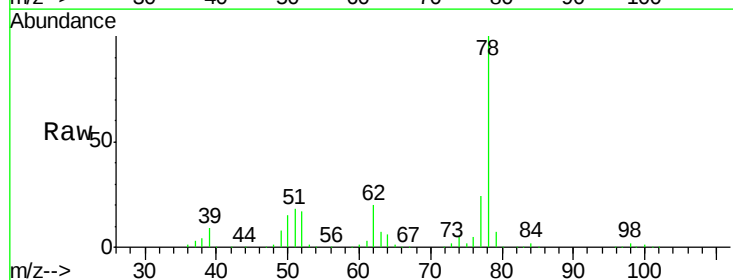
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

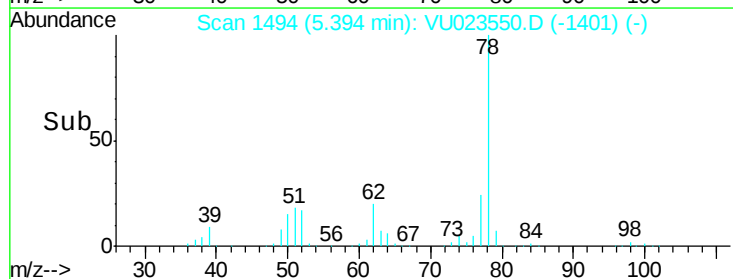
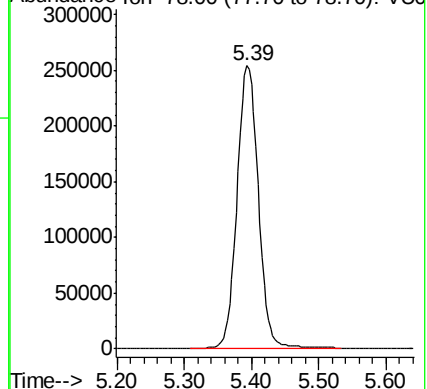
Lab File: VU023550.D

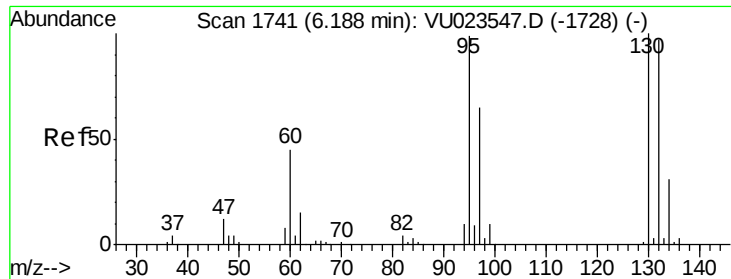
Acq: 01 May 2018 13:03

Tgt Ion: 78 Resp: 563115



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 46.69 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023550.D

Acq: 01 May 2018 13:03

Tgt Ion: 95 Resp: 139850

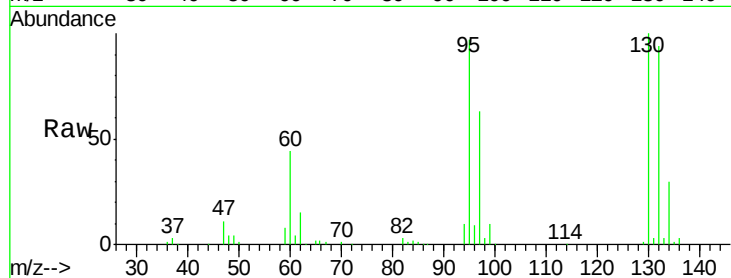
Ion Ratio Lower Upper

95 100

97 64.5 46.3 85.9

132 97.0 68.5 127.1

130 102.8 70.8 131.4

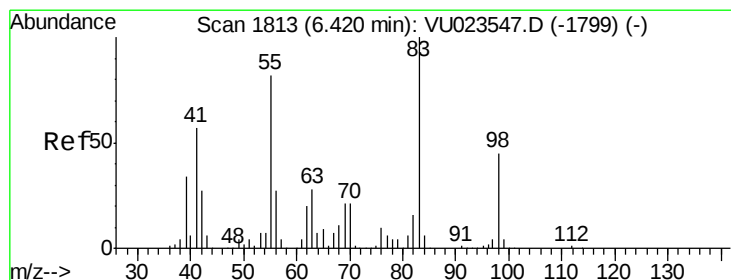
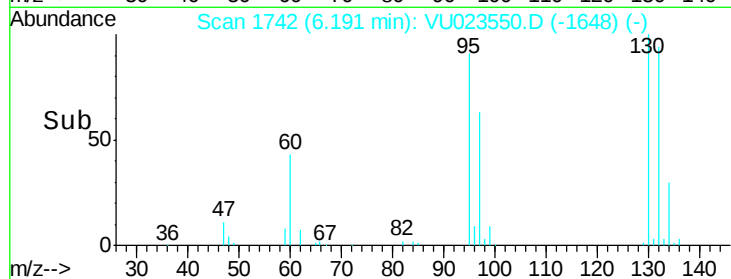
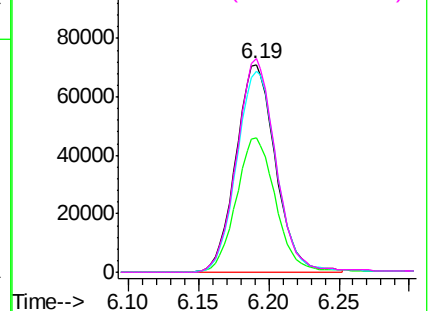


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 48.39 ug/L

RT: 6.42 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VU023550.D

Acq: 01 May 2018 13:03

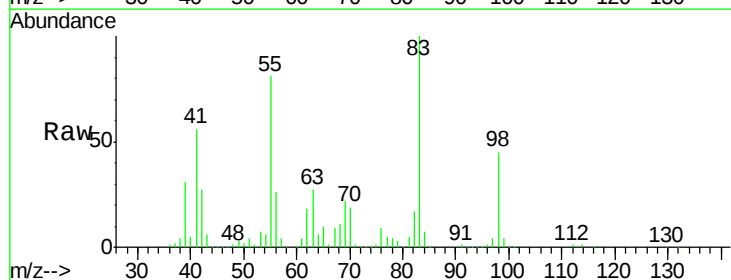
Tgt Ion: 83 Resp: 226707

Ion Ratio Lower Upper

83 100

55 82.9 66.7 100.1

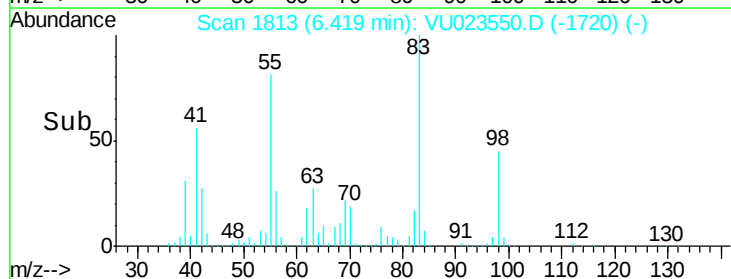
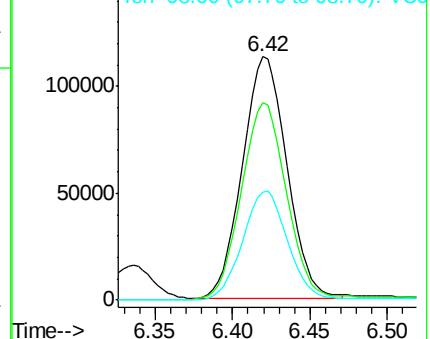
98 46.0 36.6 54.8

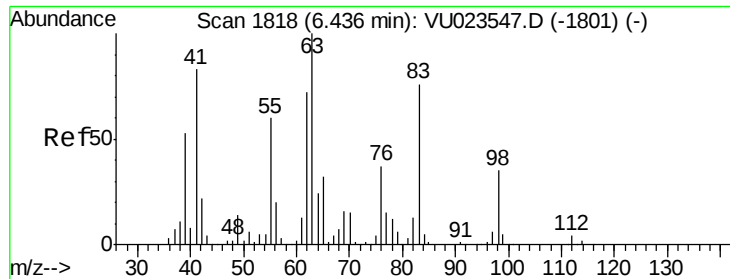


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

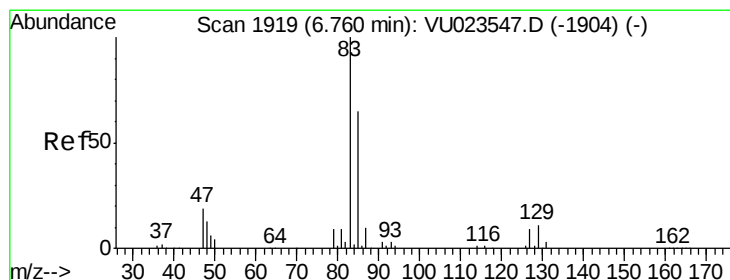
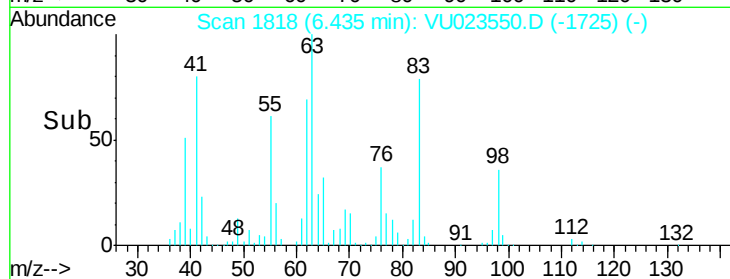
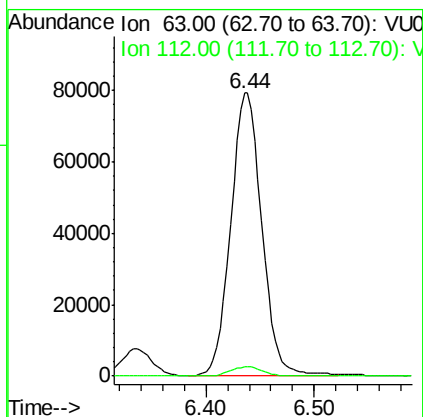
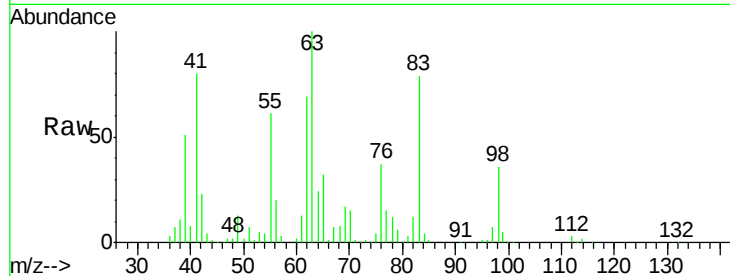
Ion 98.00 (97.70 to 98.70): VU0





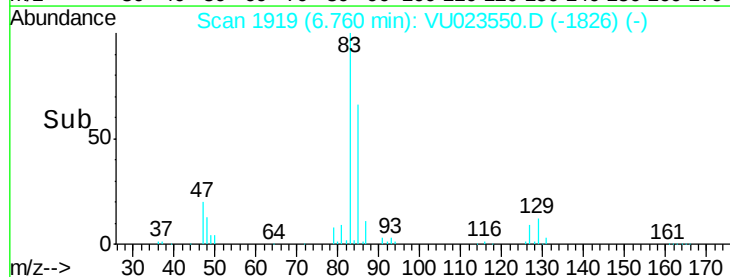
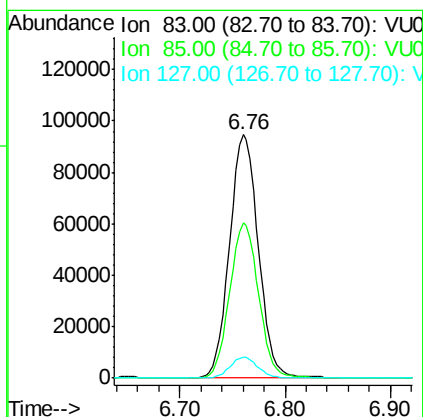
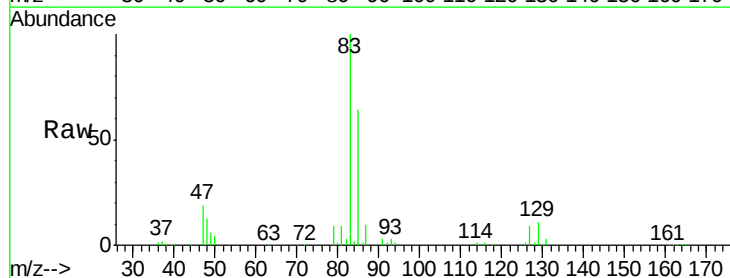
#37
 1,2-Dichloropropane
 Concen: 47.41 ug/L
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU023550.D
 Acq: 01 May 2018 13:03

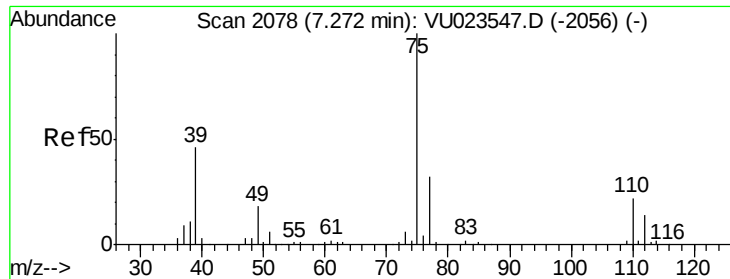
Tgt Ion: 63 Resp: 158861
 Ion Ratio Lower Upper
 63 100
 112 3.4 3.1 4.7



#38
 Bromodichloromethane
 Concen: 46.97 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU023550.D
 Acq: 01 May 2018 13:03

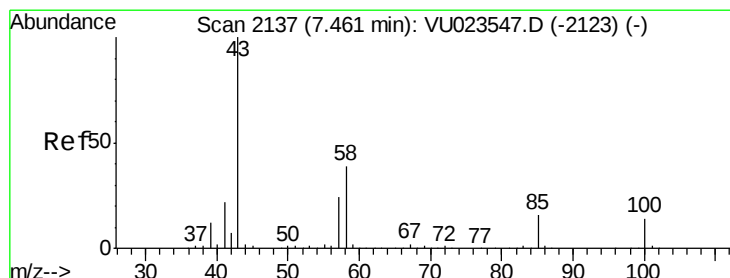
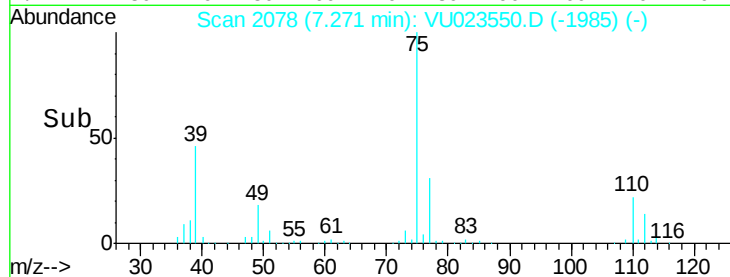
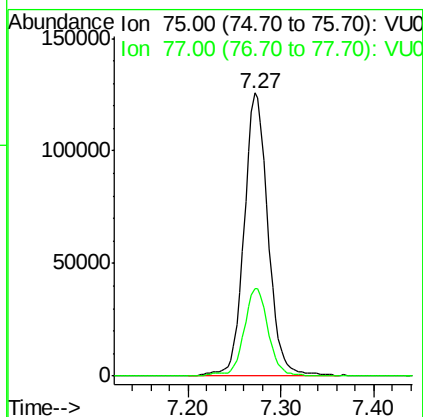
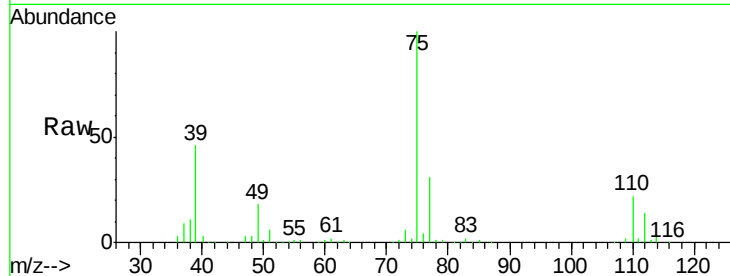
Tgt Ion: 83 Resp: 177576
 Ion Ratio Lower Upper
 83 100
 85 63.6 45.1 83.7
 127 8.7 6.9 10.3





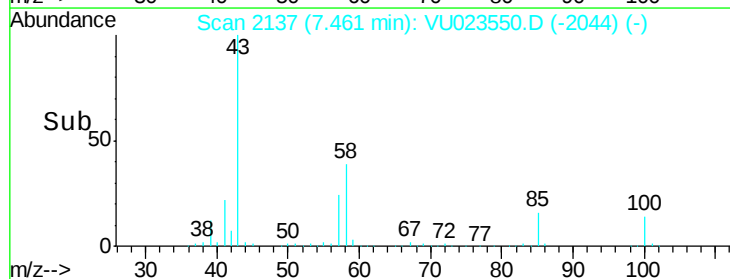
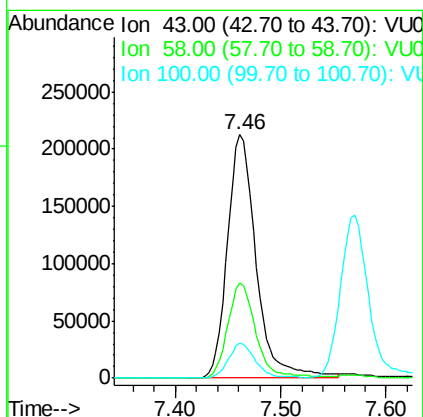
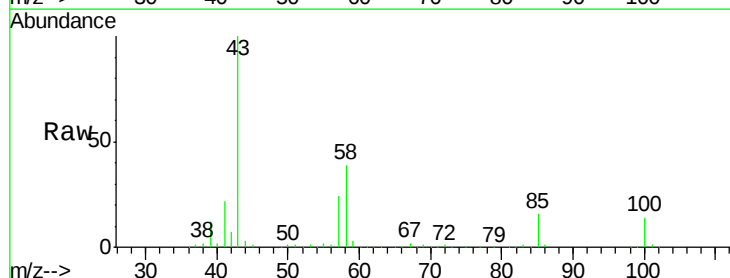
#39
 cis-1,3-Dichloropropene
 Concen: 49.05 ug/L
 RT: 7.27 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VU023550.D
 Acq: 01 May 2018 13:03

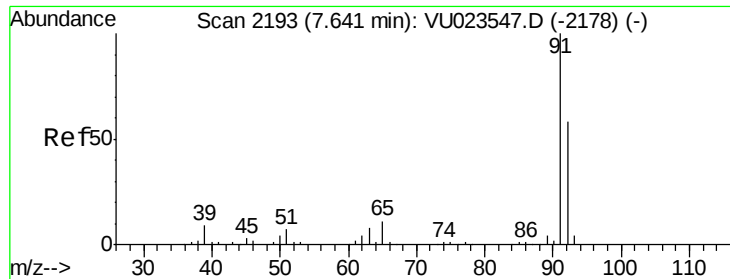
Tgt Ion: 75 Resp: 226464
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 98.34 ug/L
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU023550.D
 Acq: 01 May 2018 13:03

Tgt Ion: 43 Resp: 402285
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.8 46.2
 100 13.5 10.7 16.1





#42

Toluene

Concen: 48.46 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023550.D

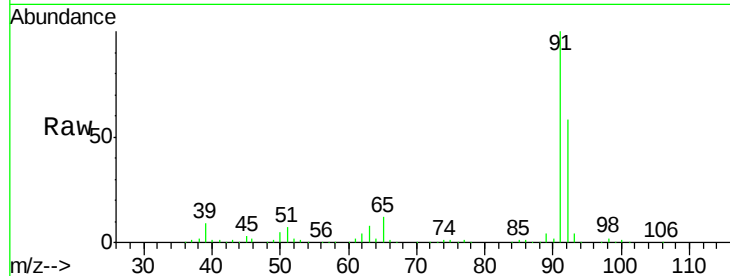
Acq: 01 May 2018 13:03

Tgt Ion: 91 Resp: 587187

Ion Ratio Lower Upper

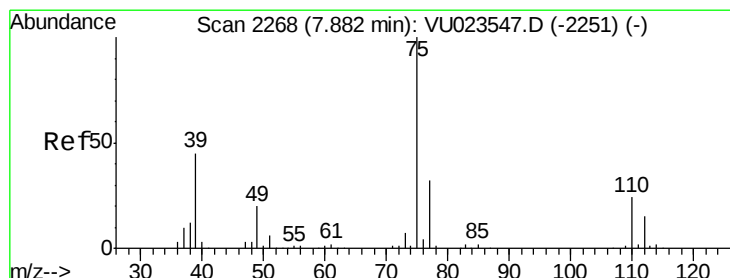
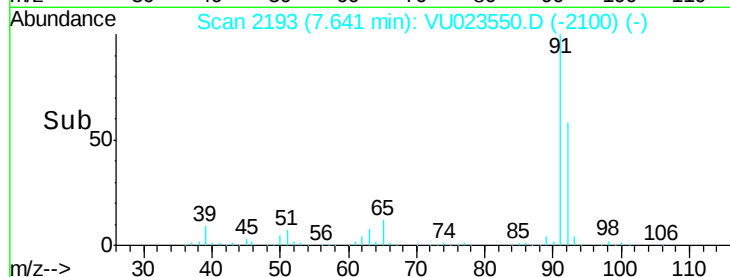
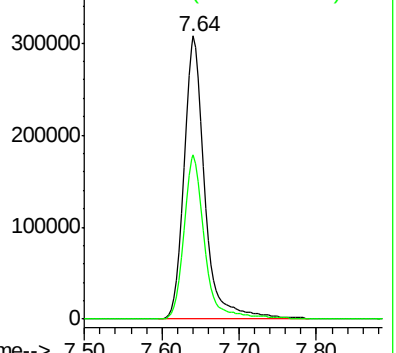
91 100

92 58.2 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: 50.03 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU023550.D

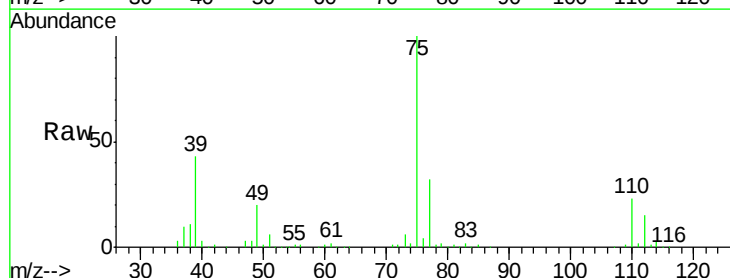
Acq: 01 May 2018 13:03

Tgt Ion: 75 Resp: 206144

Ion Ratio Lower Upper

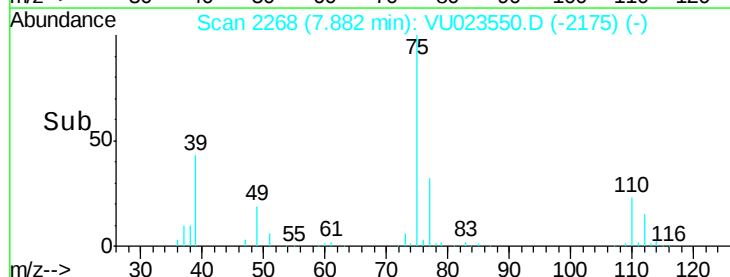
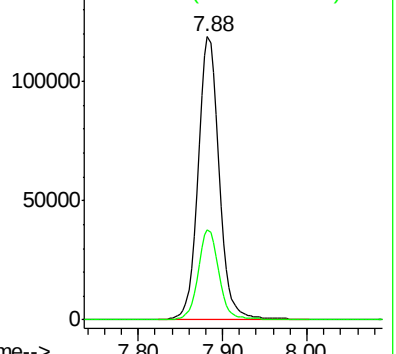
75 100

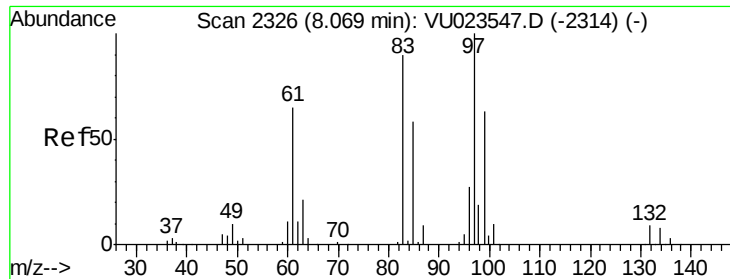
77 32.0 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

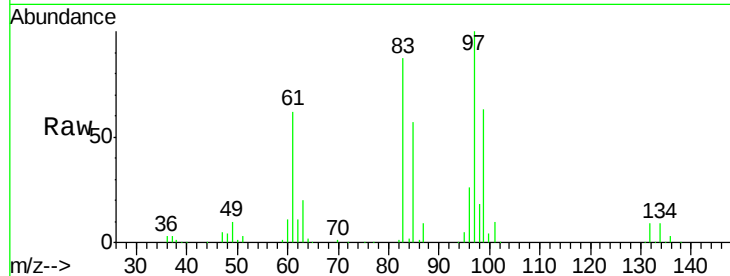
Ion 77.00 (76.70 to 77.70): VU0





#45
 1,1,2-Trichloroethane
 Concen: 47.21 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU023550.D
 Acq: 01 May 2018 13:03

Tgt Ion:	97	Resp:	134396
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.2	82.2
83	87.2	63.1	117.1
85	57.1	40.3	74.8



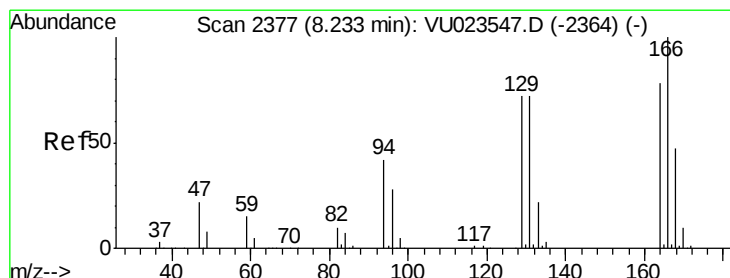
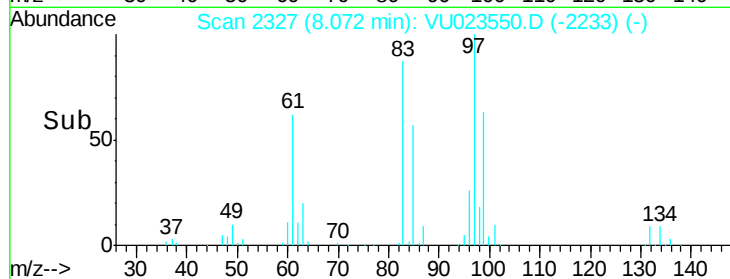
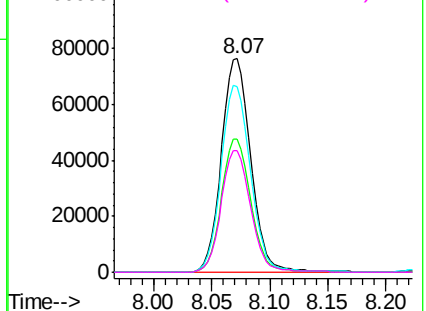
Abundance

Ion 97.00 (96.70 to 97.70): VU023550.D (-2233) (-)

Ion 99.00 (98.70 to 99.70): VU023550.D (-2233) (-)

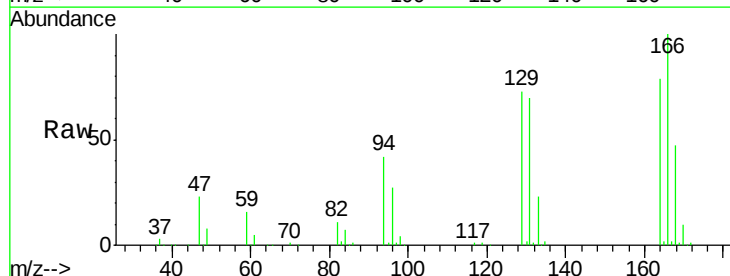
Ion 83.00 (82.70 to 83.70): VU023550.D (-2233) (-)

Ion 85.00 (84.70 to 85.70): VU023550.D (-2233) (-)



#46
 Tetrachloroethene
 Concen: 47.57 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: VU023550.D
 Acq: 01 May 2018 13:03

Tgt Ion:	164	Resp:	116138
Ion	Ratio	Lower	Upper
164	100		
129	92.3	64.2	119.2
131	88.3	64.1	119.1
166	125.9	89.4	166.0



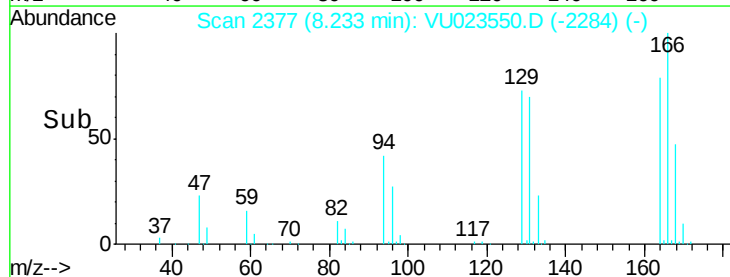
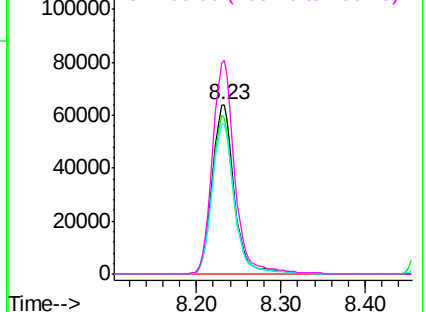
Abundance

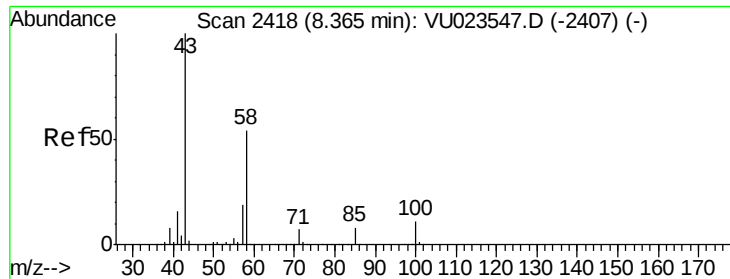
Ion 164.00 (163.70 to 164.70): VU023550.D (-2284) (-)

Ion 129.00 (128.70 to 129.70): VU023550.D (-2284) (-)

Ion 131.00 (130.70 to 131.70): VU023550.D (-2284) (-)

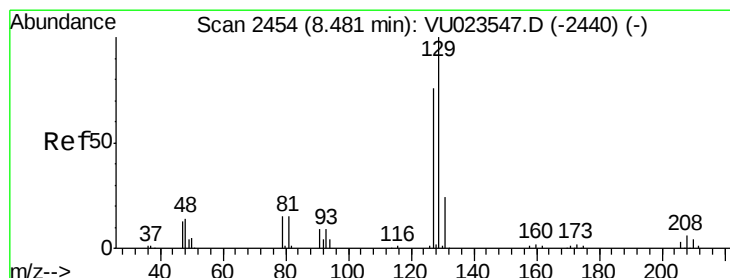
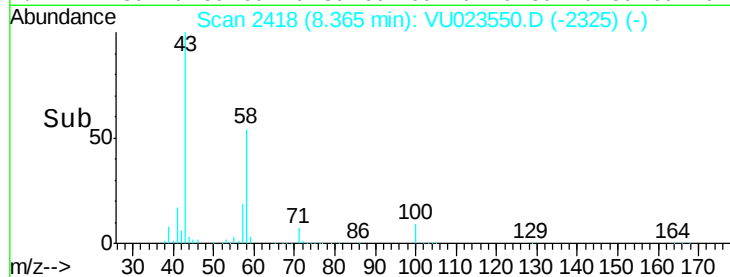
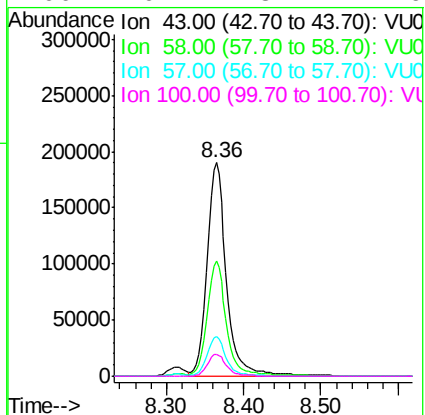
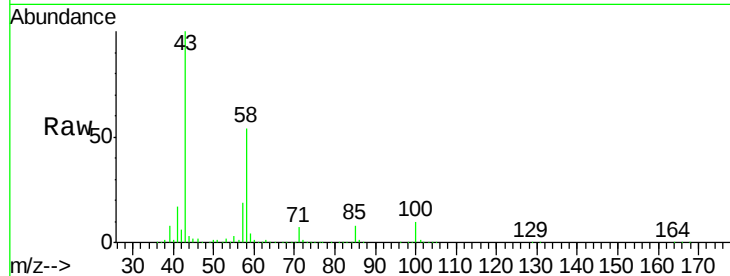
Ion 166.00 (165.70 to 166.70): VU023550.D (-2284) (-)





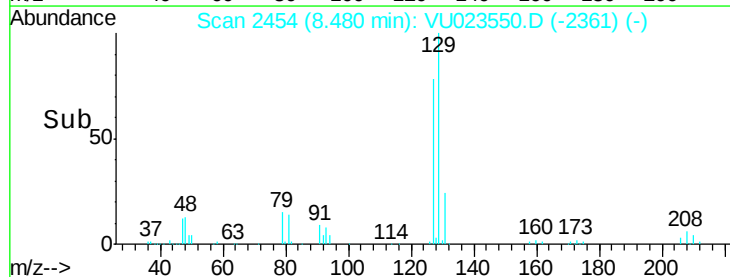
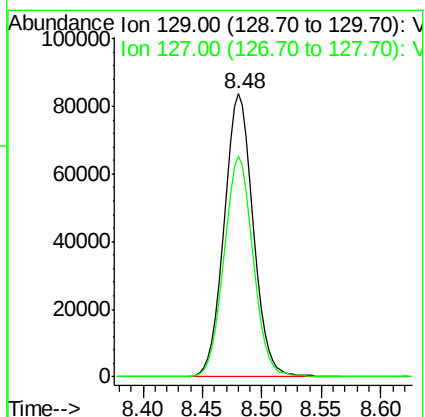
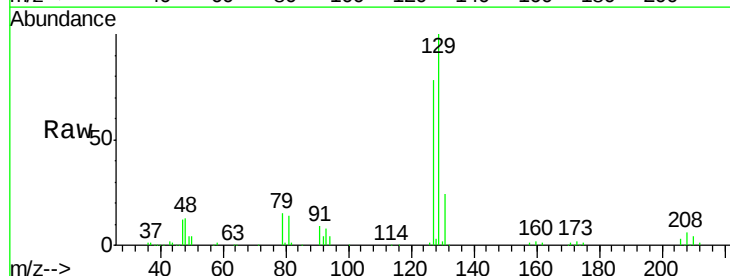
#48
2-Hexanone
Concen: 93.67 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU023550.D
Acq: 01 May 2018 13:03

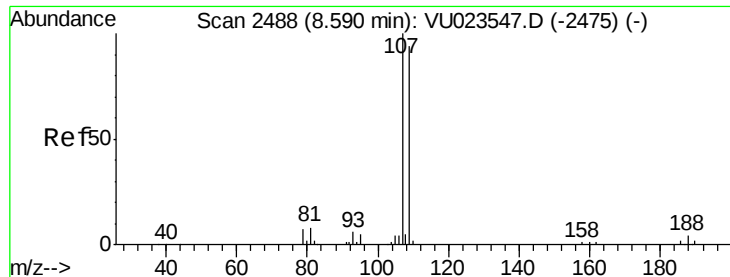
Tgt Ion: 43 Resp: 333748
Ion Ratio Lower Upper
43 100
58 52.9 43.0 64.6
57 18.1 14.6 22.0
100 10.4 8.4 12.6



#49
Dibromochloromethane
Concen: 47.29 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU023550.D
Acq: 01 May 2018 13:03

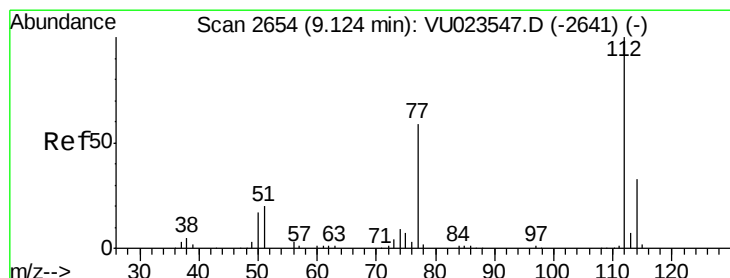
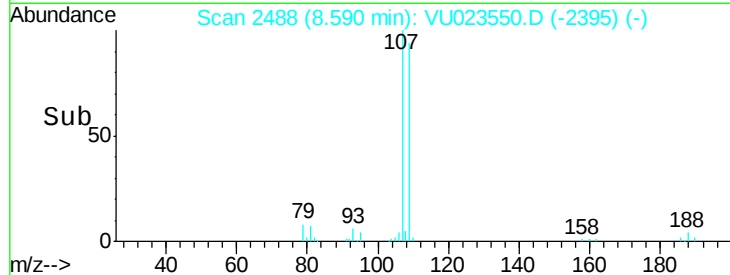
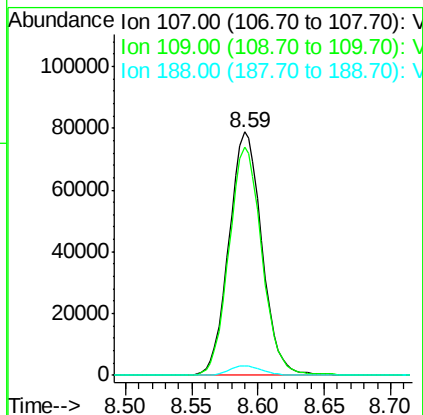
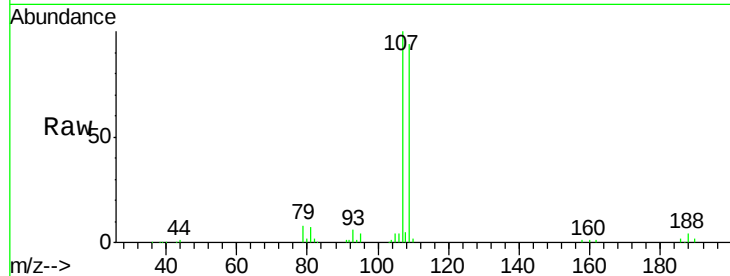
Tgt Ion: 129 Resp: 141823
Ion Ratio Lower Upper
129 100
127 77.9 53.3 99.1





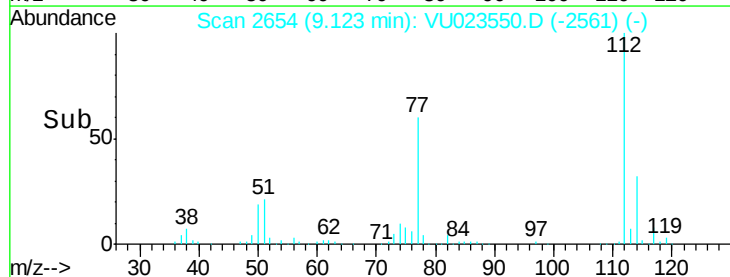
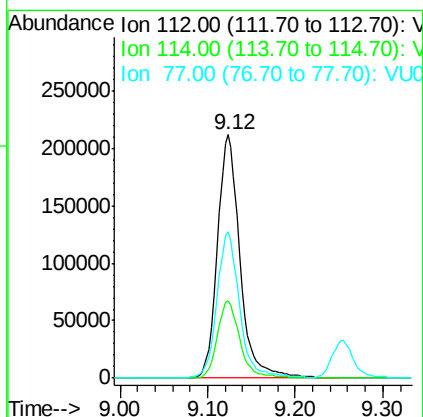
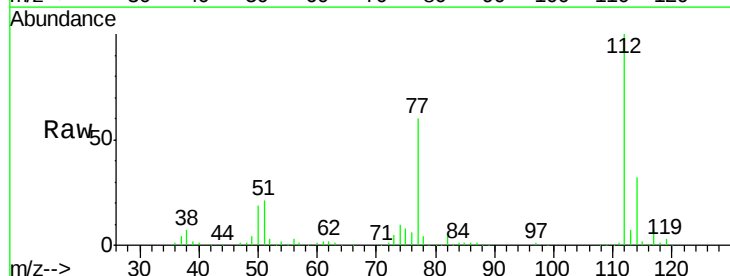
#50
 1,2-Dibromoethane
 Concen: 47.37 ug/L
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU023550.D
 Acq: 01 May 2018 13:03

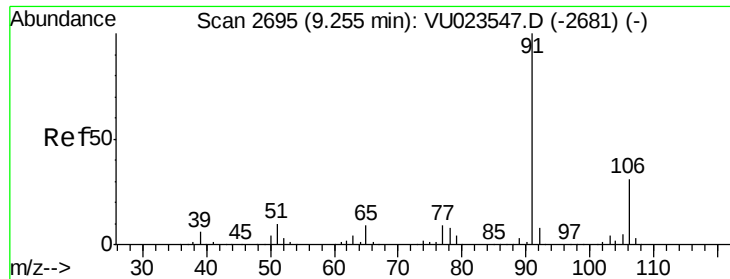
Tgt Ion:	107	Resp:	136195
Ion	Ratio	Lower	Upper
107	100		
109	94.0	66.1	122.7
188	4.0	3.2	4.8



#51
 Chlorobenzene
 Concen: 46.93 ug/L
 RT: 9.12 min Scan# 2654
 Delta R.T. -0.00 min
 Lab File: VU023550.D
 Acq: 01 May 2018 13:03

Tgt Ion:	112	Resp:	378947
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.7	42.3
77	60.3	47.5	71.3





#52

Ethylbenzene

Concen: 49.05 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023550.D

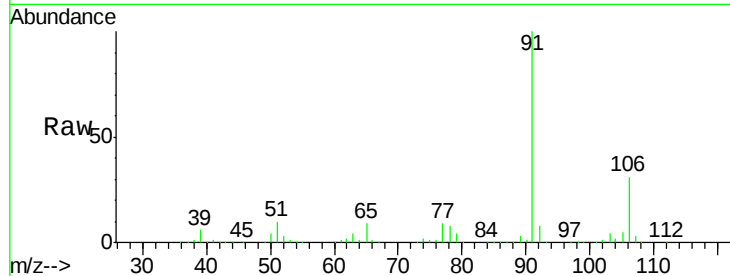
Acq: 01 May 2018 13:03

Tgt Ion: 91 Resp: 644249

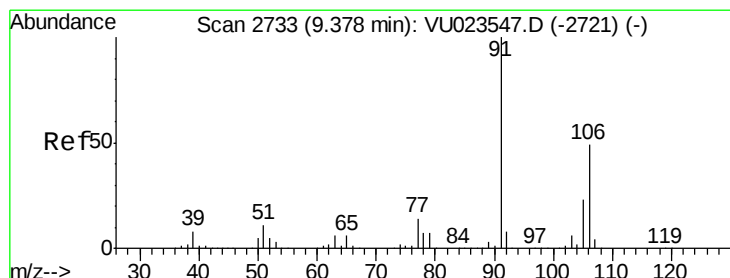
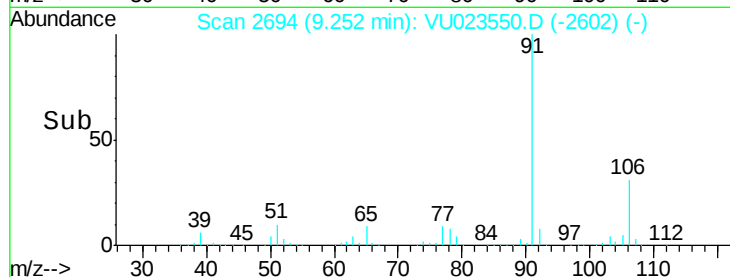
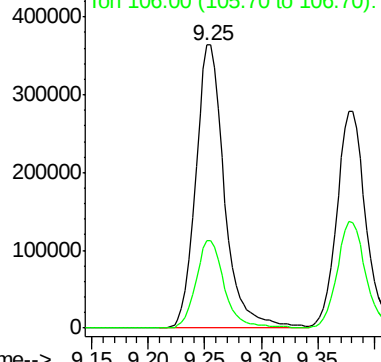
Ion Ratio Lower Upper

91 100

106 31.0 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU023550.D (-2681) (-)



#53

m,p-Xylene

Concen: 49.22 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023550.D

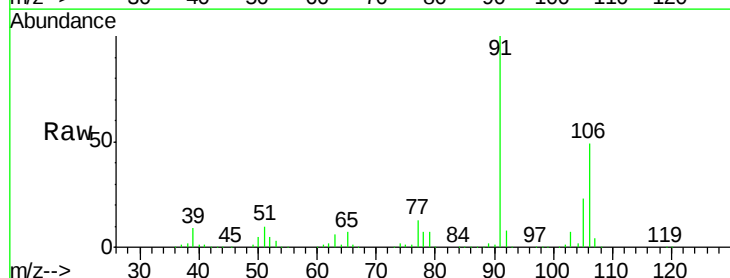
Acq: 01 May 2018 13:03

Tgt Ion: 106 Resp: 246609

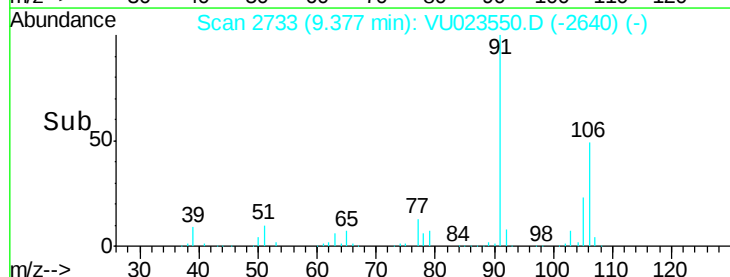
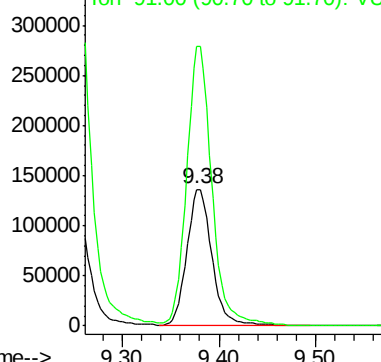
Ion Ratio Lower Upper

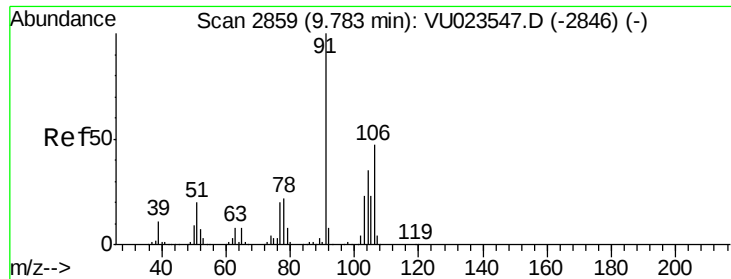
106 100

91 204.6 144.1 267.5



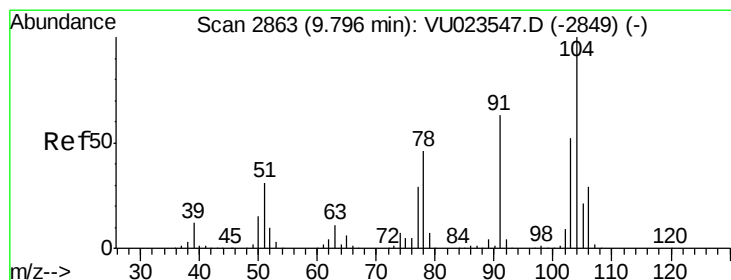
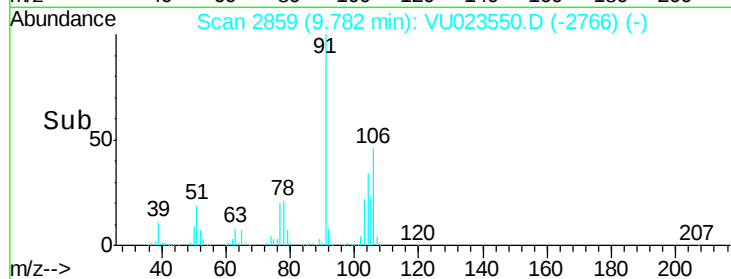
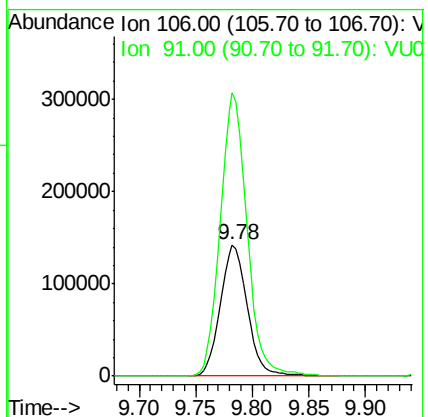
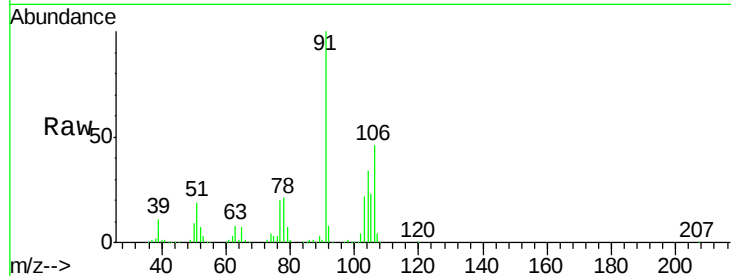
Abundance Ion 106.00 (105.70 to 106.70): VU023550.D (-2721) (-)





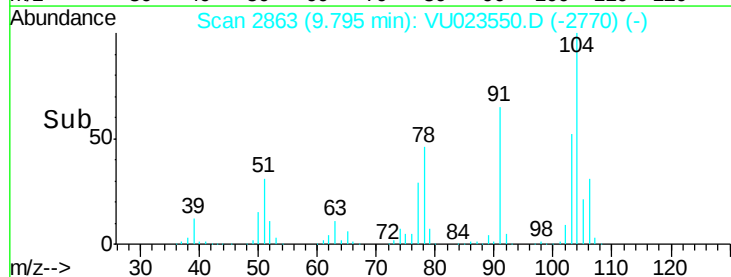
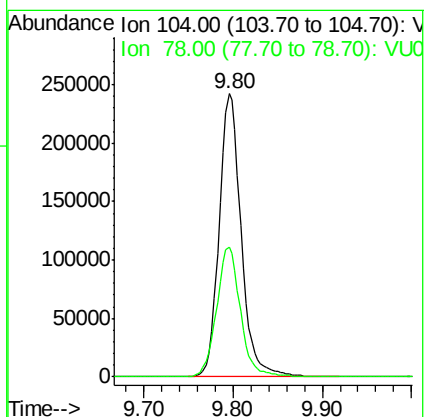
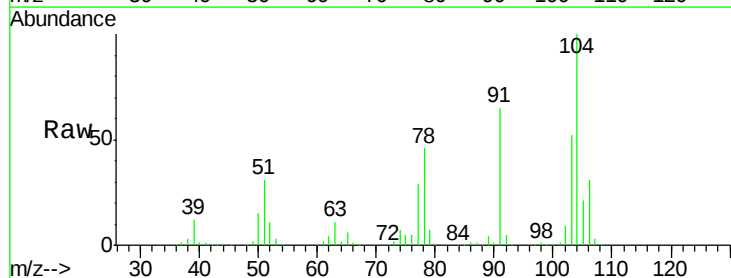
#54
o-xylene
Concen: 49.92 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023550.D
Acq: 01 May 2018 13:03

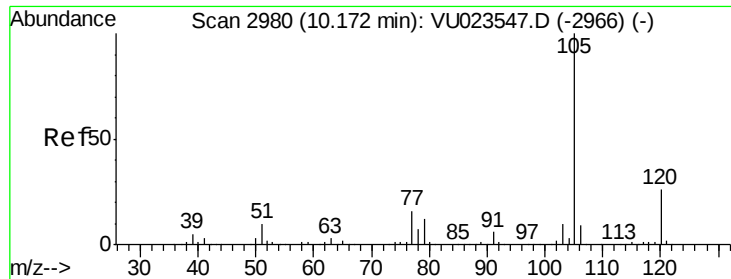
Tgt Ion:106 Resp: 236969
Ion Ratio Lower Upper
106 100
91 215.9 148.9 276.5



#55
Styrene
Concen: 49.89 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023550.D
Acq: 01 May 2018 13:03

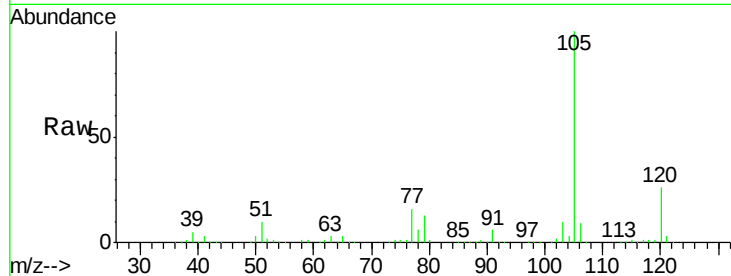
Tgt Ion:104 Resp: 414297
Ion Ratio Lower Upper
104 100
78 46.0 32.1 59.7



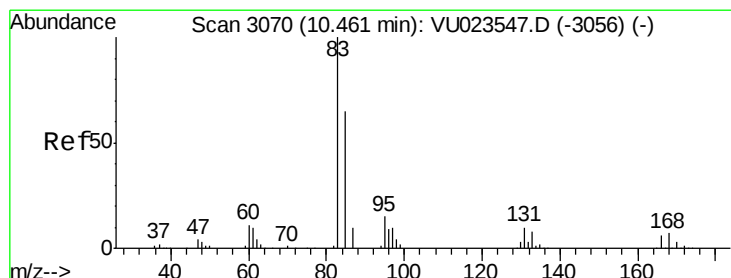
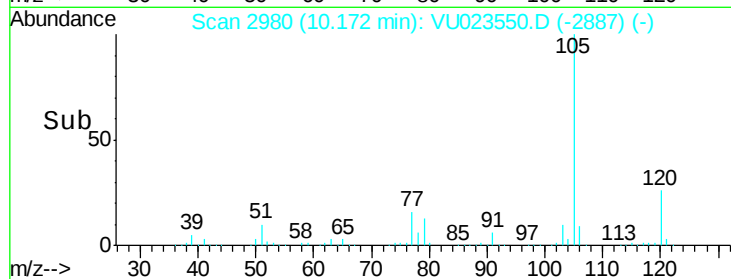
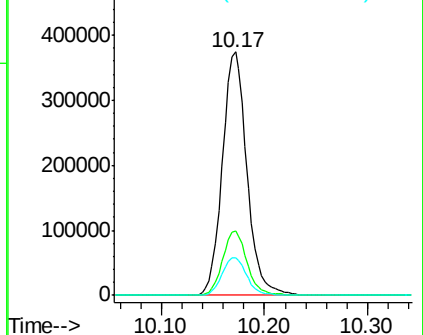


#56
Isopropylbenzene
Concen: 49.72 ug/L
RT: 10.17 min Scan# 2980
Delta R.T. -0.00 min
Lab File: VU023550.D
Acq: 01 May 2018 13:03

Tgt Ion:	105	Resp:	619418
Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.9	31.3
77	15.8	12.6	18.8

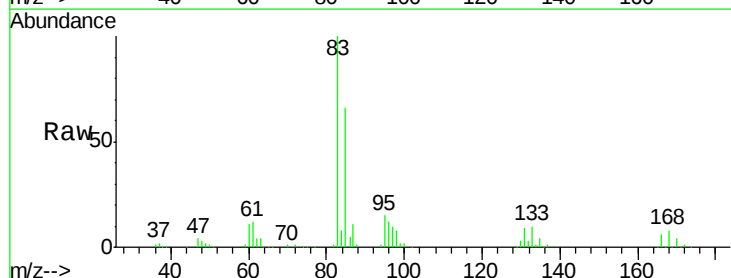


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): V

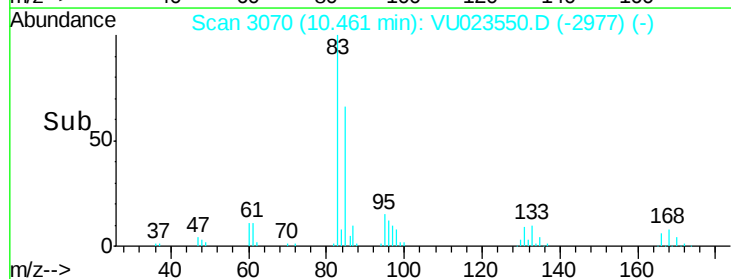
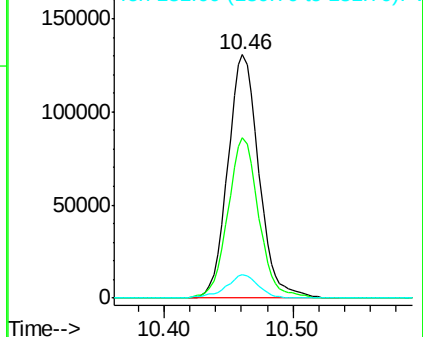


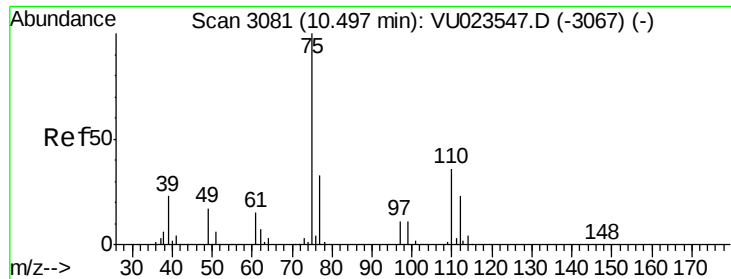
#58
1,1,2,2-Tetrachloroethane
Concen: 46.71 ug/L
RT: 10.46 min Scan# 3070
Delta R.T. -0.00 min
Lab File: VU023550.D
Acq: 01 May 2018 13:03

Tgt Ion:	83	Resp:	218346
Ion	Ratio	Lower	Upper
83	100		
85	65.8	45.6	84.6
131	9.4	7.9	11.9



Abundance Ion 83.00 (82.70 to 83.70): VU
Ion 85.00 (84.70 to 85.70): VU
Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 47.06 ug/L

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU023550.D

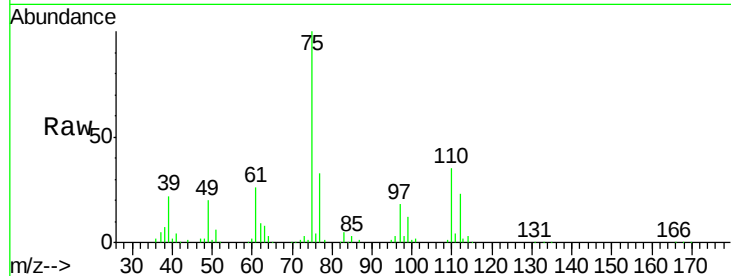
Acq: 01 May 2018 13:03

Tgt Ion: 75 Resp: 174101

Ion Ratio Lower Upper

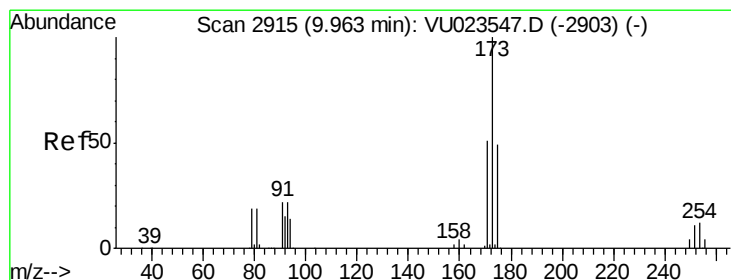
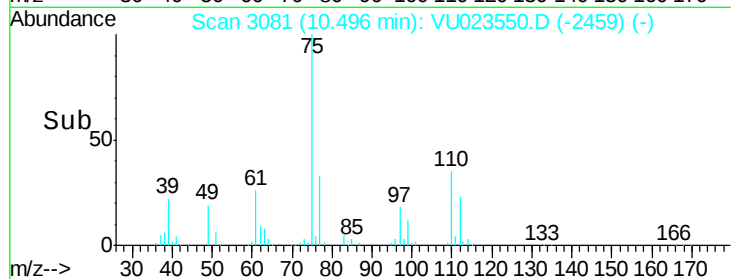
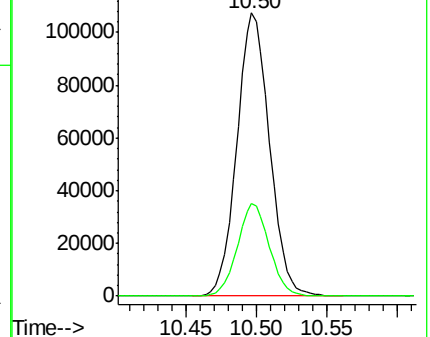
75 100

77 32.0 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU023550.D (-2459) (-)

Ion 77.00 (76.70 to 77.70): VU023550.D (-2459) (-)



#61

Bromoform

Concen: 47.27 ug/L

RT: 9.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: VU023550.D

Acq: 01 May 2018 13:03

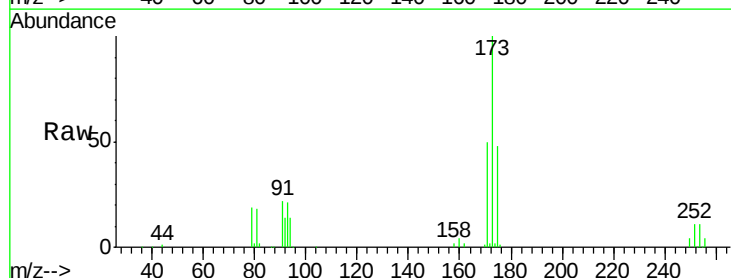
Tgt Ion: 173 Resp: 101924

Ion Ratio Lower Upper

173 100

175 48.2 39.0 58.4

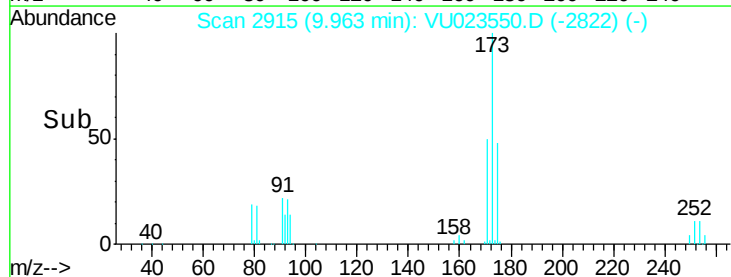
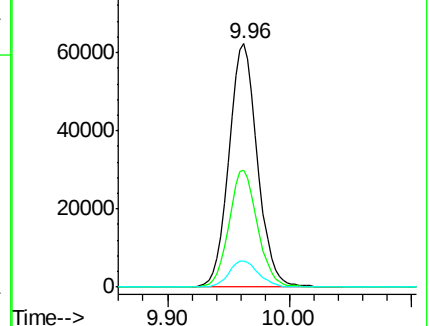
254 11.1 8.8 13.2

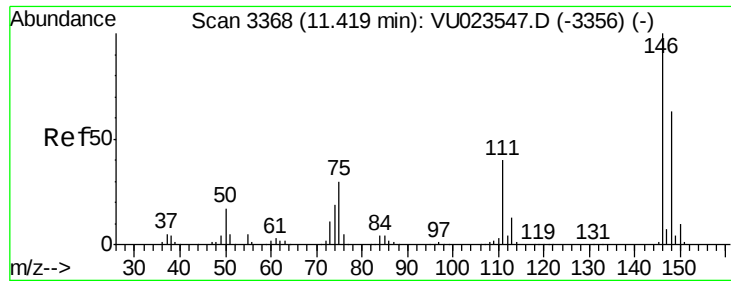


Abundance Ion 173.00 (172.70 to 173.70): VU023550.D (-2822) (-)

Ion 175.00 (174.70 to 175.70): VU023550.D (-2822) (-)

Ion 254.00 (253.70 to 254.70): VU023550.D (-2822) (-)





#62

1,3-Dichlorobenzene

Concen: 47.89 ug/L

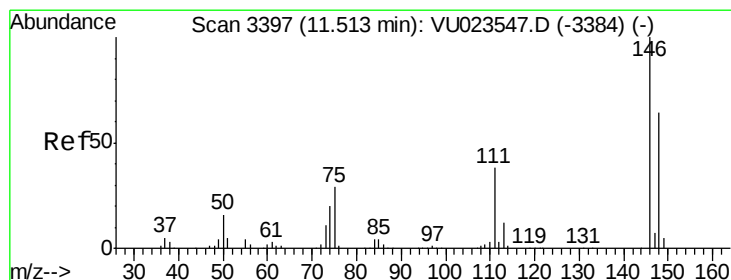
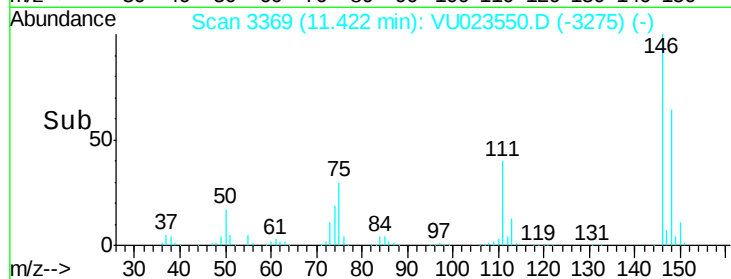
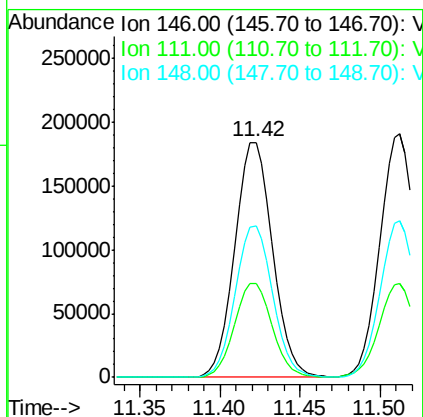
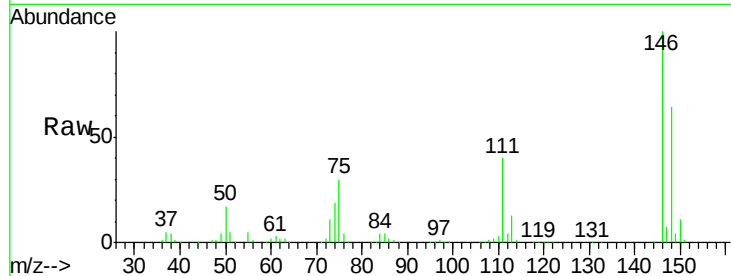
RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU023550.D

Acq: 01 May 2018 13:03

Tgt Ion:	146	Resp:	296213
Ion	Ratio	Lower	Upper
146	100		
111	40.1	27.9	51.7
148	64.3	44.4	82.5



#63

1,4-Dichlorobenzene

Concen: 46.98 ug/L

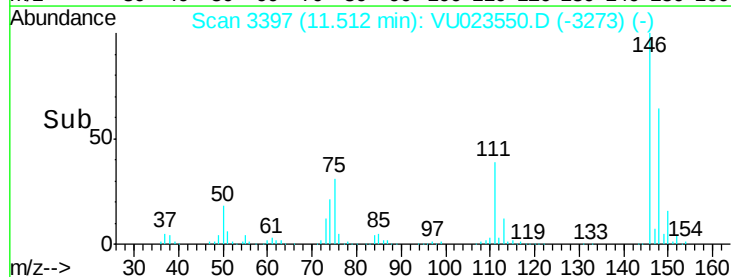
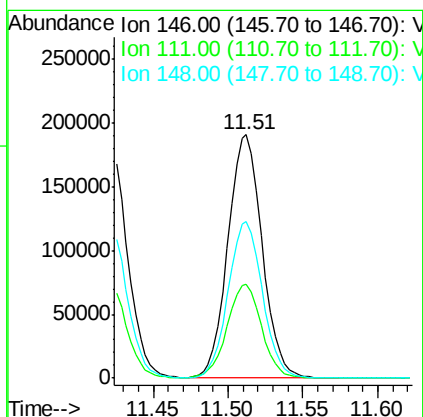
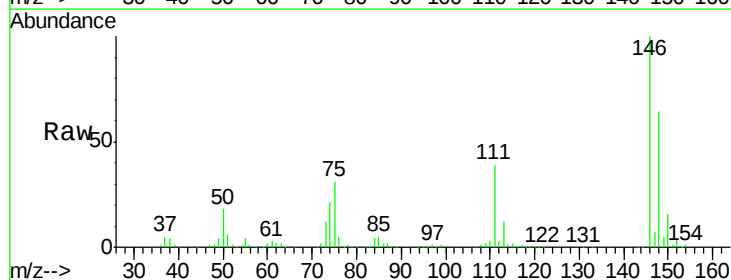
RT: 11.51 min Scan# 3397

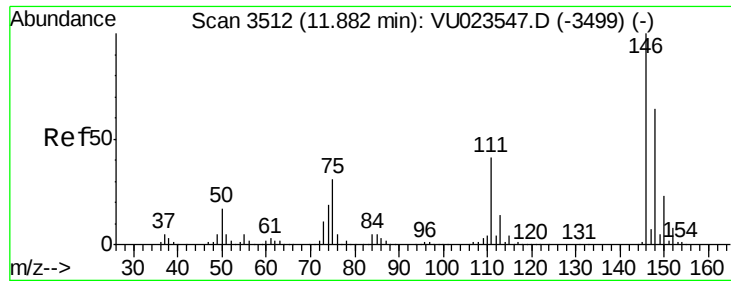
Delta R.T. -0.00 min

Lab File: VU023550.D

Acq: 01 May 2018 13:03

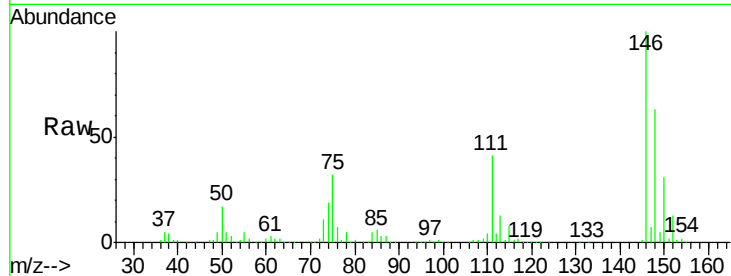
Tgt Ion:	146	Resp:	303401
Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.8	49.8
148	64.2	44.8	83.2



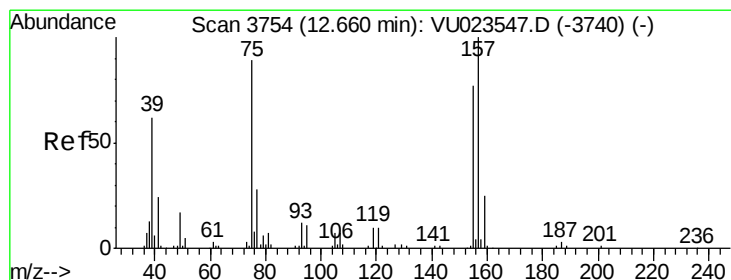
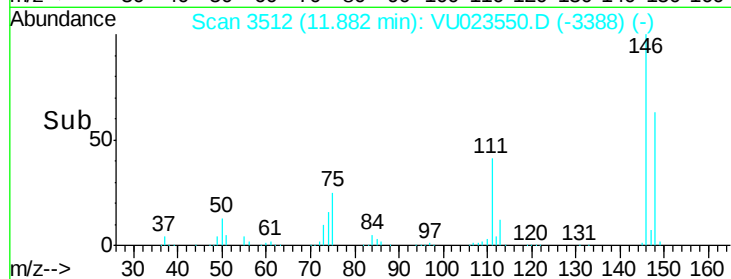
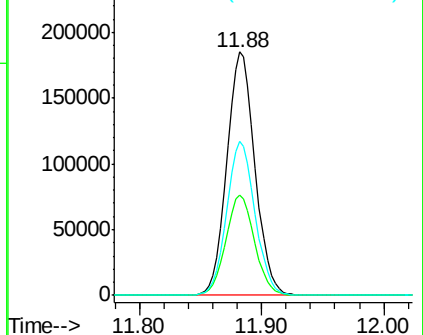


#65
 1,2-Dichlorobenzene
 Concen: 47.13 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU023550.D
 Acq: 01 May 2018 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	32.9	49.3
148	63.2	51.0	76.4

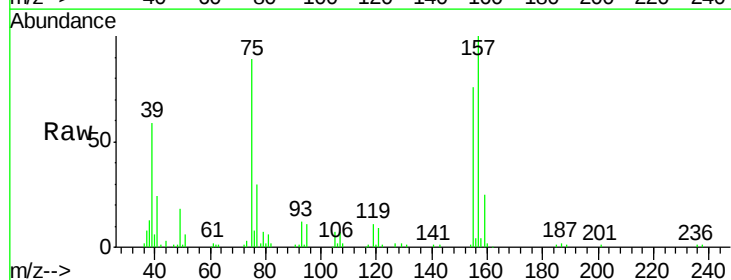


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

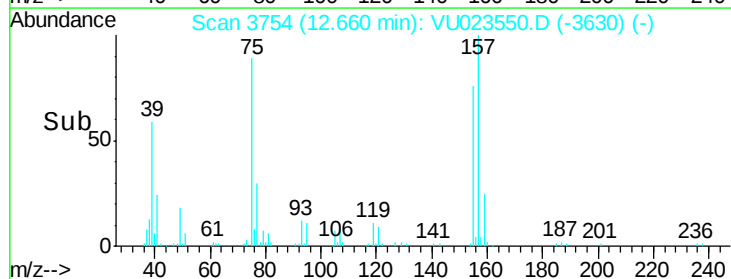
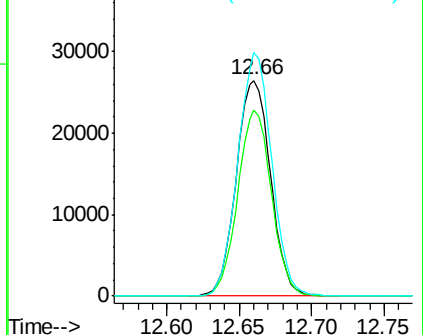


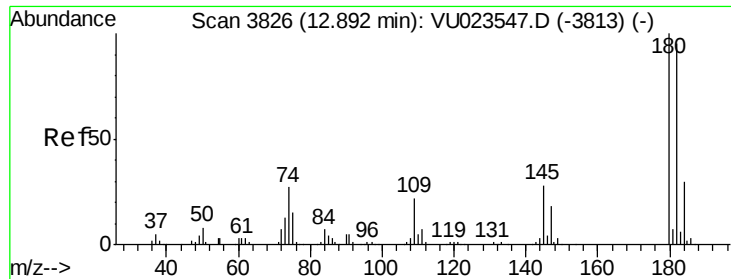
#66
 1,2-Dibromo-3-chloropropane
 Concen: 47.43 ug/L
 RT: 12.66 min Scan# 3754
 Delta R.T. -0.00 min
 Lab File: VU023550.D
 Acq: 01 May 2018 13:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.2	68.9	103.3
157	112.7	89.9	134.9



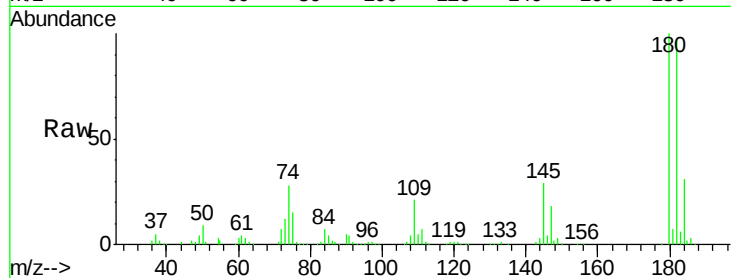
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 47.88 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU023550.D
 Acq: 01 May 2018 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.5	114.7
184	30.2	24.1	36.1
145	28.2	22.2	33.4

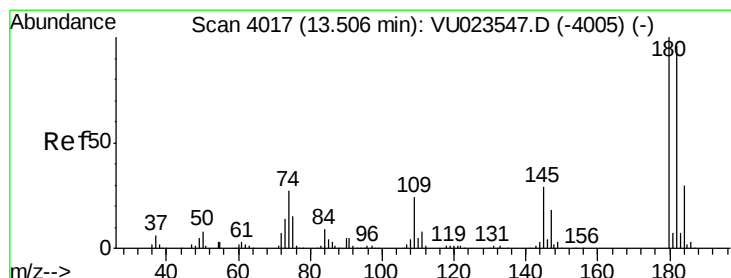
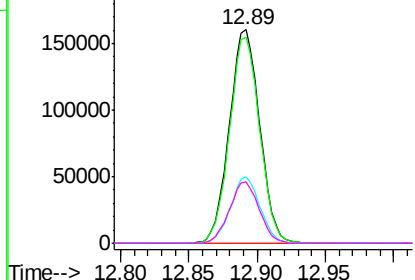
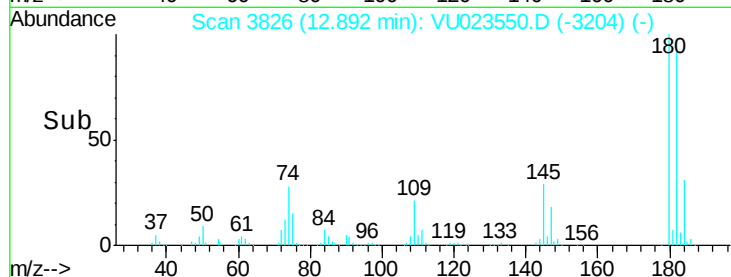


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

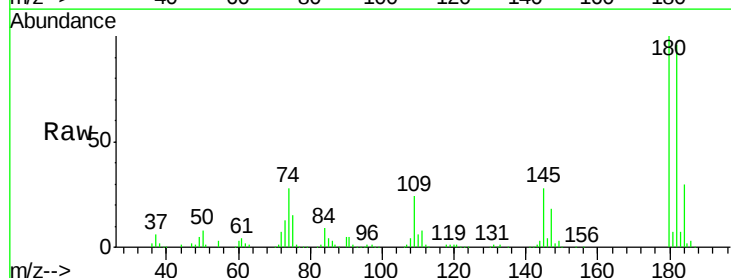
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 51.14 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU023550.D
 Acq: 01 May 2018 13:03

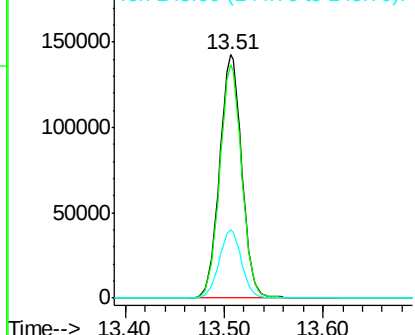
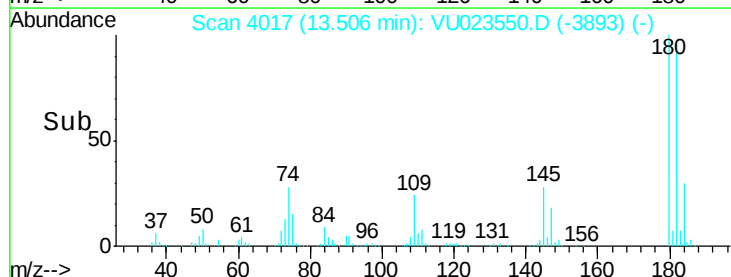
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.1	115.7
145	28.0	23.4	35.0

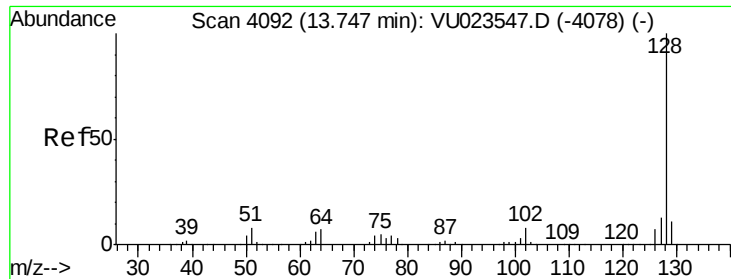


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

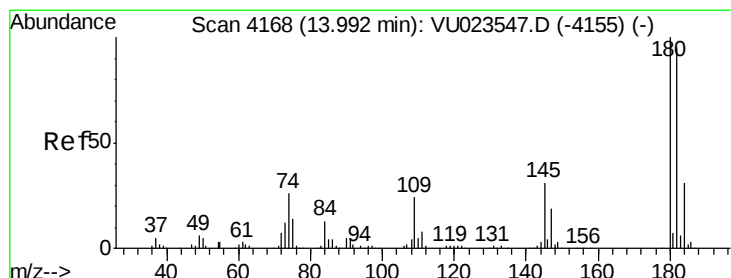
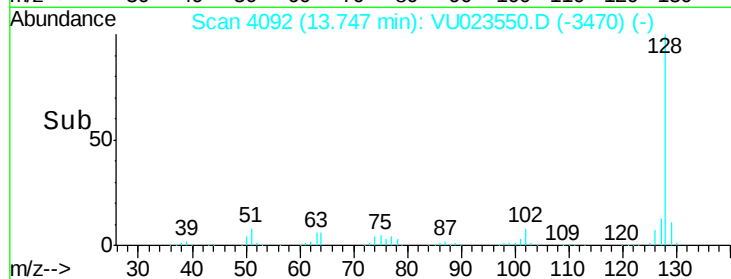
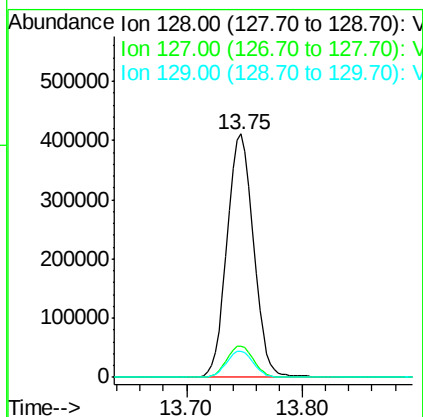
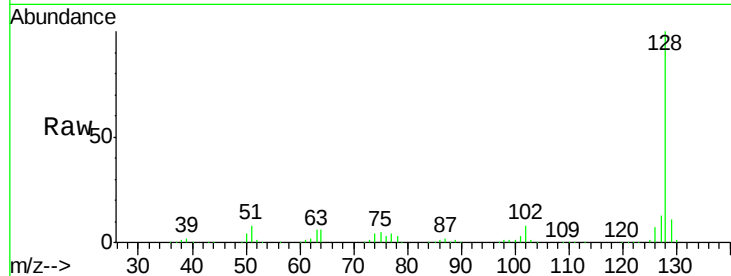
Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 56.29 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023550.D
Acq: 01 May 2018 13:03

Tgt Ion:128 Resp: 649993
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 51.20 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU023550.D
Acq: 01 May 2018 13:03

Tgt Ion:180 Resp: 229560
Ion Ratio Lower Upper
180 100
182 94.6 76.2 114.4
145 30.5 24.3 36.5

