

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024143.D
 Acq On : 26 May 2018 13:51
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 28 00:46:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 26 05:48:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	311230	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	298273	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140069	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	95933	40.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.10%
7) Chloroethane-d5	1.68	69	79948	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.10%
11) 1,1-Dichloroethene-d2	2.27	63	197453	44.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.72%
21) 2-Butanone-d5	4.18	46	166717	88.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.63%
24) Chloroform-d	4.65	84	197017	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
26) 1,2-Dichloroethane-d4	5.31	65	121658	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
32) Benzene-d6	5.35	84	386437	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
36) 1,2-Dichloropropane-d6	6.34	67	129958	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.86%
41) Toluene-d8	7.57	98	361854	47.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.85	79	53030	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.28%
47) 2-Hexanone-d5	8.31	63	125368	92.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.88%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	185185	44.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	144803	47.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	154967	49.99	ug/L	100
3) Chloromethane	1.33	50	164808	47.83	ug/L	99
5) Vinyl chloride	1.40	62	161557	49.43	ug/L	99
6) Bromomethane	1.62	94	81551	48.35	ug/L	98
8) Chloroethane	1.70	64	98254	50.77	ug/L	100
9) Trichlorofluoromethane	1.89	101	194258	51.46	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	119194	52.06	ug/L	99
12) 1,1-Dichloroethene	2.28	96	107751	50.41	ug/L	87
13) Acetone	2.32	43	175653	107.15	ug/L	98
14) Carbon disulfide	2.48	76	343884	49.61	ug/L	99
15) Methyl Acetate	2.62	43	140442	47.00	ug/L	100
16) Methylene chloride	2.70	84	129665	48.75	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	111279	49.64	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	345517	51.10	ug/L	99
19) 1,1-Dichloroethane	3.45	63	222671	49.30	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	125641	50.13	ug/L	94
22) 2-Butanone	4.27	43	215566	100.28	ug/L	100

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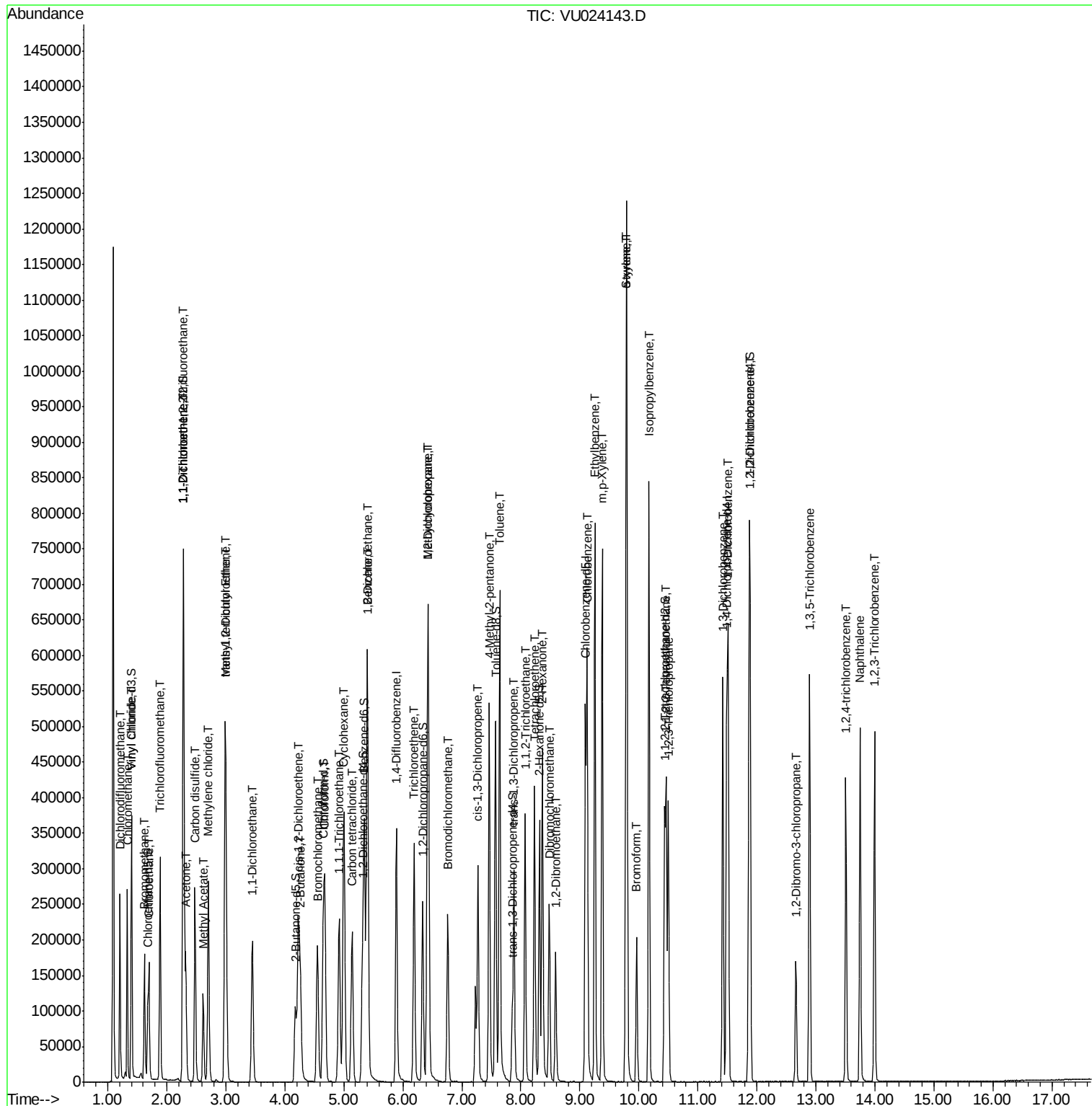
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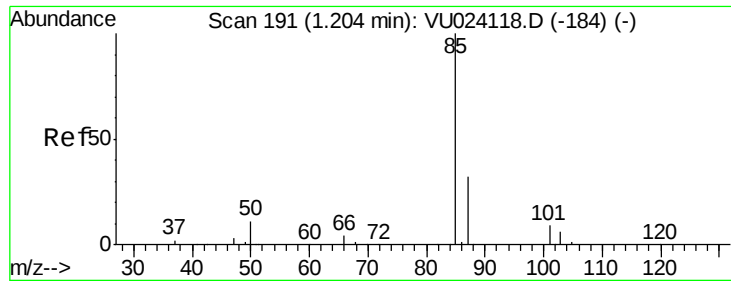
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	66629	51.17	ug/L	96
25) Chloroform	4.68	83	219524	49.55	ug/L	99
27) 1,2-Dichloroethane	5.41	62	173597	49.35	ug/L	99
29) Cyclohexane	5.00	56	201836	51.54	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	178176	50.28	ug/L	98
31) Carbon tetrachloride	5.14	117	157406	50.73	ug/L	100
33) Benzene	5.39	78	499080	50.27	ug/L	100
34) Trichloroethene	6.19	95	119958	43.01	ug/L	98
35) Methylcyclohexane	6.42	83	203308	52.67	ug/L	100
37) 1,2-Dichloropropane	6.44	63	137655	49.43	ug/L	100
38) Bromodichloromethane	6.76	83	158696	48.49	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	186278	50.67	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	359767	95.29	ug/L	99
42) Toluene	7.64	91	523142	51.89	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	165304	50.49	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	122235	49.37	ug/L	99
46) Tetrachloroethene	8.23	164	101444	51.99	ug/L	99
48) 2-Hexanone	8.36	43	292432	98.18	ug/L	99
49) Dibromochloromethane	8.48	129	130749	50.21	ug/L	99
50) 1,2-Dibromoethane	8.59	107	124690	50.05	ug/L	100
51) Chlorobenzene	9.12	112	329789	50.40	ug/L	99
52) Ethylbenzene	9.25	91	550393	51.65	ug/L	100
53) m,p-Xylene	9.38	106	217835	53.96	ug/L	100
54) o-xylene	9.78	106	210059	51.96	ug/L	99
55) Styrene	9.80	104	361213	54.06	ug/L	98
56) Isopropylbenzene	10.17	105	541334	52.90	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	208285	47.83	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	166955	47.90	ug/L	99
61) Bromoform	9.96	173	94736	47.85	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	235616	50.24	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	241183	50.26	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	262269	50.62	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	42089	45.68	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	183679	53.06	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	139104	55.66	ug/L	99
69) Naphthalene	13.75	128	399277	54.25	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	158345	56.31	ug/L	100

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

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#2

Dichlorodifluoromethane

Concen: 49.99 ug/L

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU024143.D

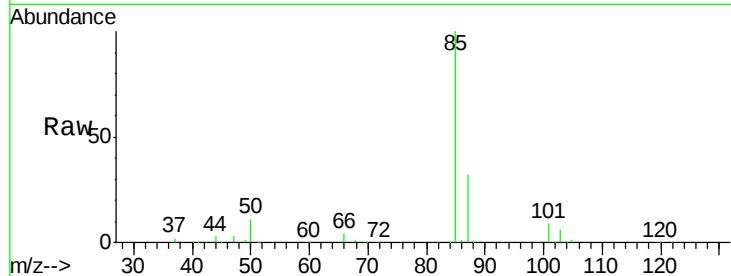
Acq: 26 May 2018 13:51

Tgt Ion: 85 Resp: 154967

Ion Ratio Lower Upper

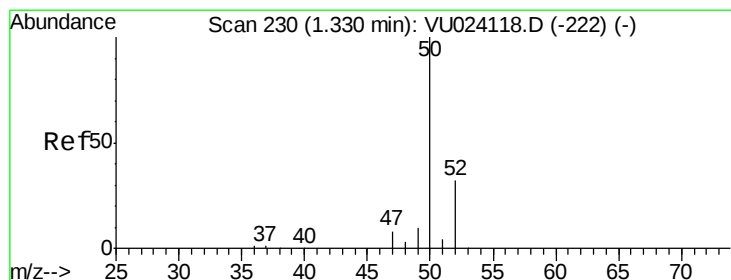
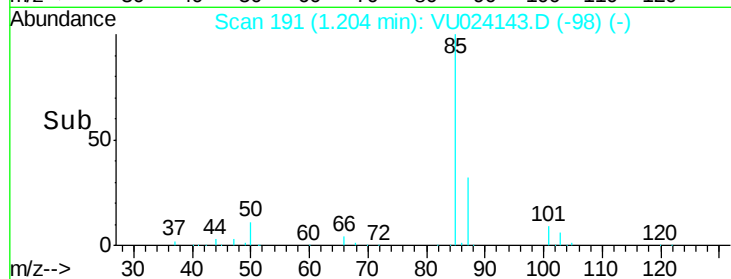
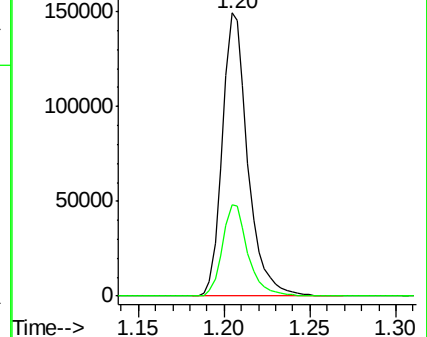
85 100

87 32.1 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 47.83 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024143.D

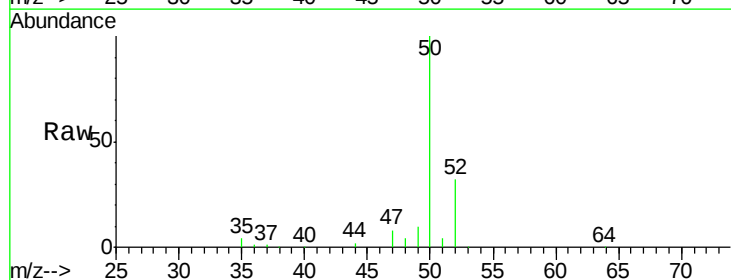
Acq: 26 May 2018 13:51

Tgt Ion: 50 Resp: 164808

Ion Ratio Lower Upper

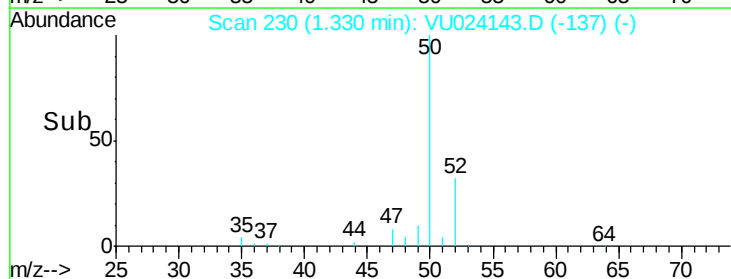
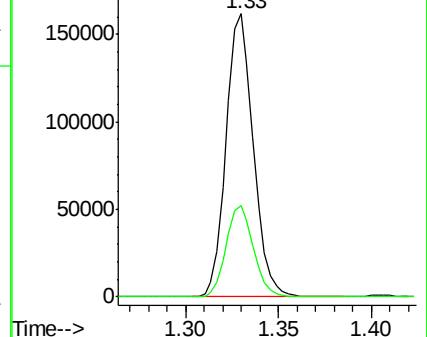
50 100

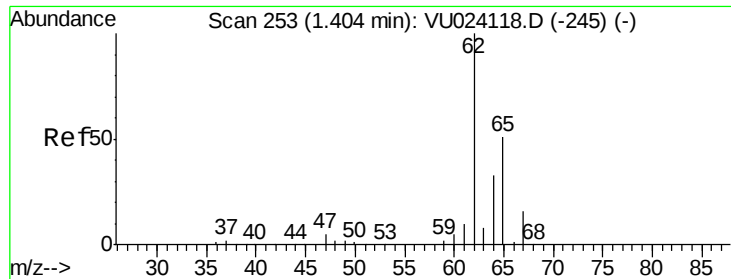
52 32.4 22.9 42.5



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 49.43 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024143.D

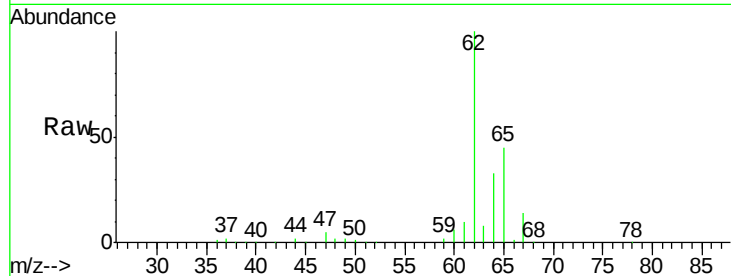
Acq: 26 May 2018 13:51

Tgt Ion: 62 Resp: 161557

Ion Ratio Lower Upper

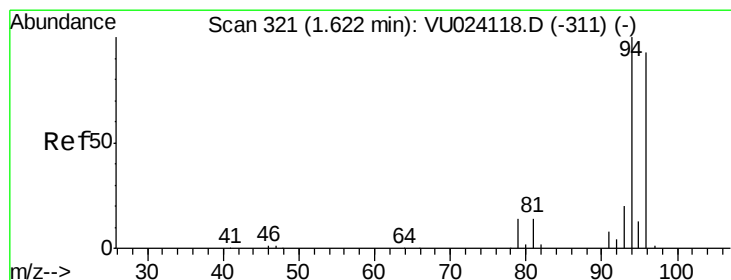
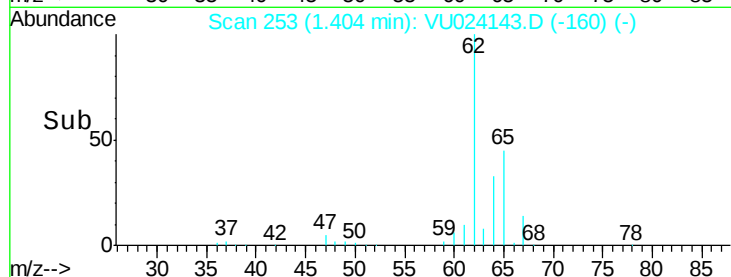
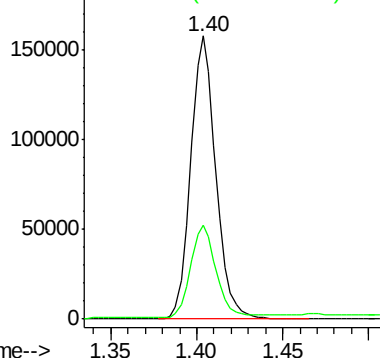
62 100

64 33.2 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#6

Bromomethane

Concen: 48.35 ug/L

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024143.D

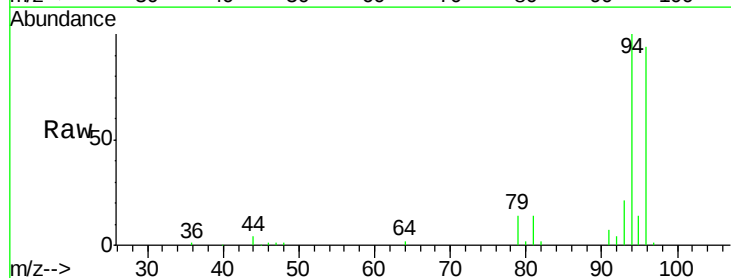
Acq: 26 May 2018 13:51

Tgt Ion: 94 Resp: 81551

Ion Ratio Lower Upper

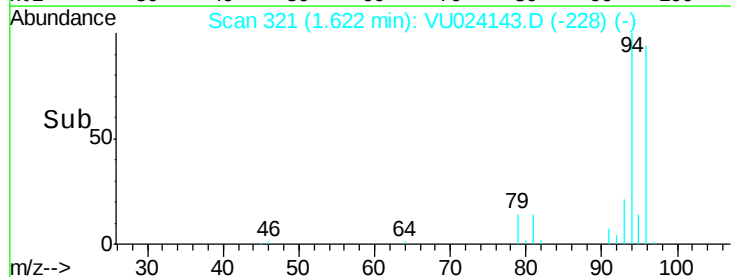
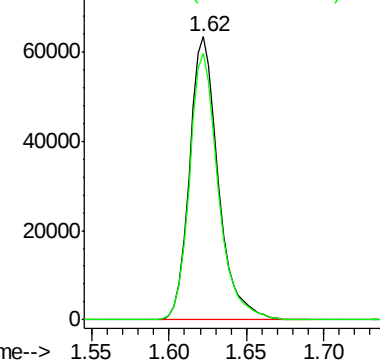
94 100

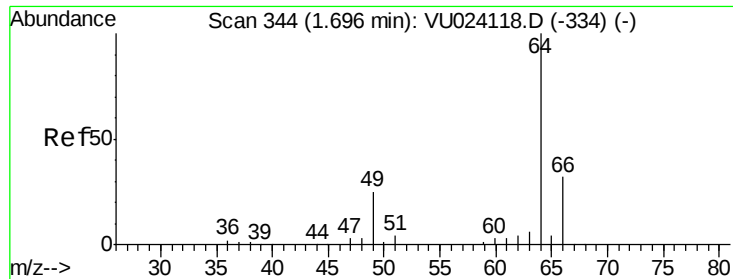
96 94.1 64.6 120.0



Abundance Ion 94.00 (93.70 to 94.70): VU0

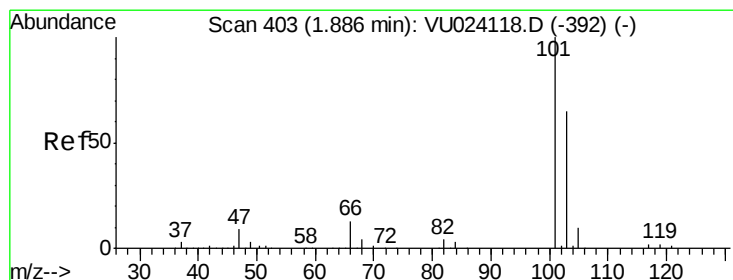
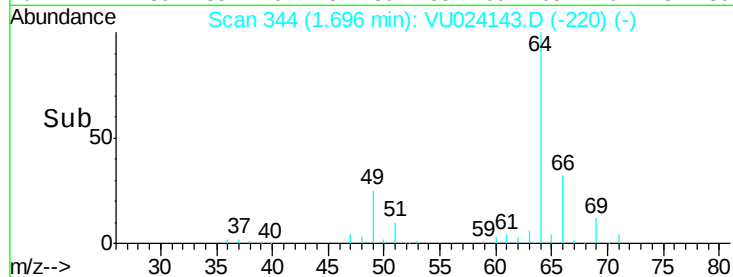
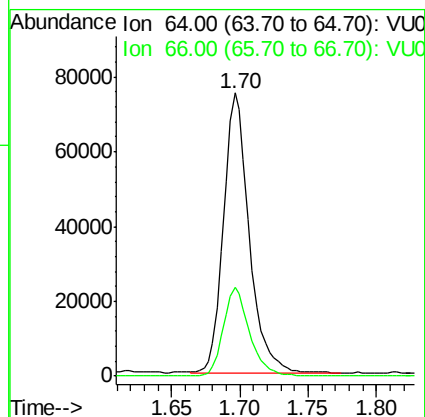
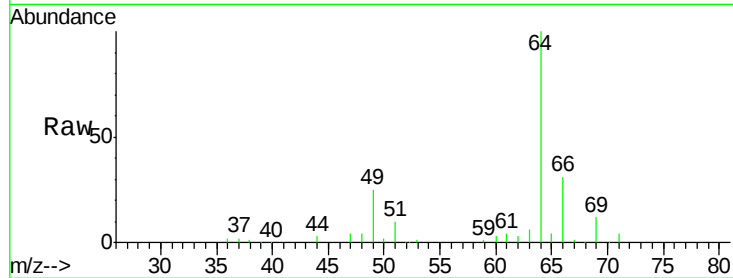
Ion 96.00 (95.70 to 96.70): VU0





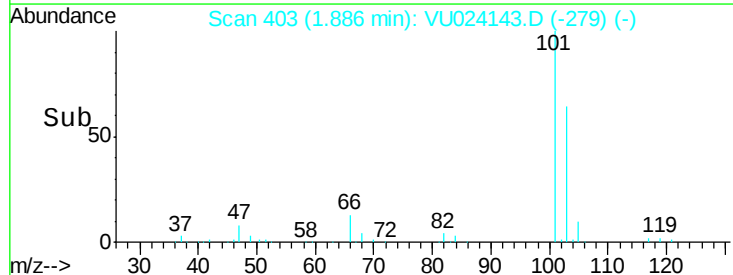
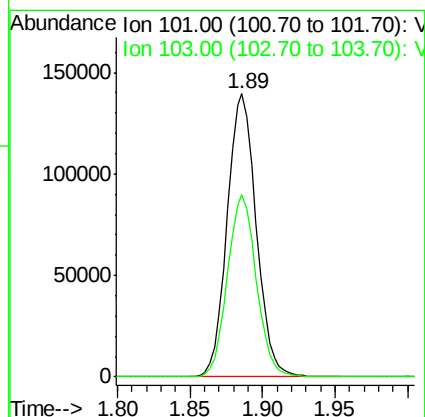
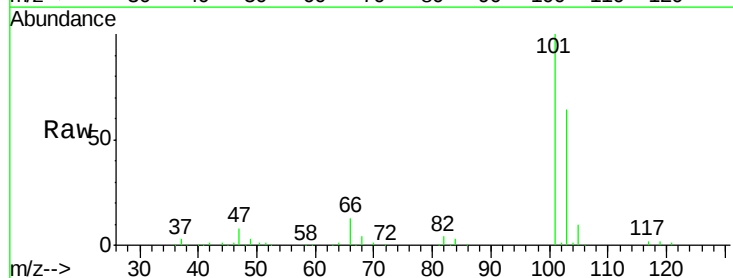
#8
Chloroethane
Concen: 50.77 ug/L
RT: 1.70 min Scan# 344
Delta R.T. 0.00 min
Lab File: VU024143.D
Acq: 26 May 2018 13:51

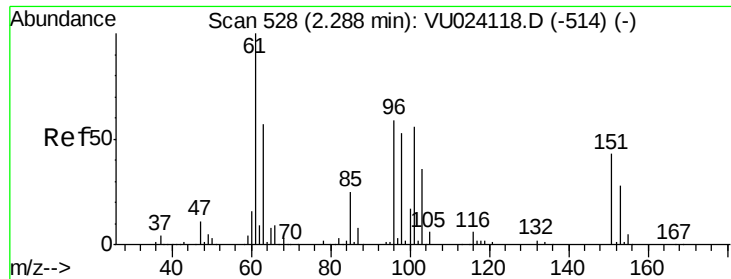
Tgt Ion: 64 Resp: 98254
Ion Ratio Lower Upper
64 100
66 31.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 51.46 ug/L
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU024143.D
Acq: 26 May 2018 13:51

Tgt Ion: 101 Resp: 194258
Ion Ratio Lower Upper
101 100
103 63.8 52.1 78.1





#10

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

Concen: 52.06 ug/L

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

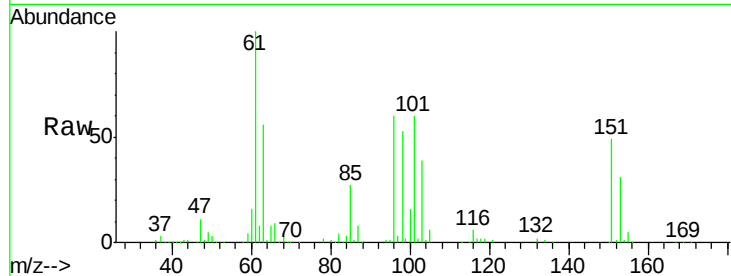
Tgt Ion: 101 Resp: 119194

Ion Ratio Lower Upper

101 100

85 43.7 35.0 52.6

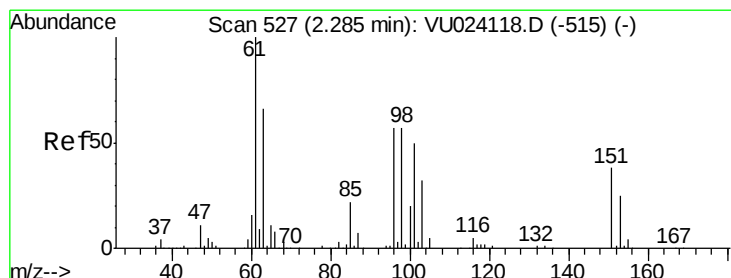
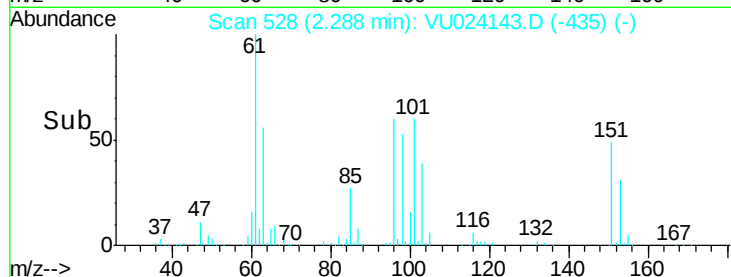
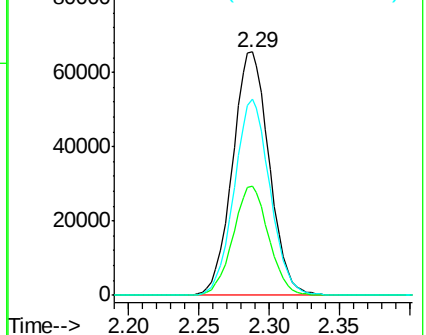
151 78.8 61.9 92.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 50.41 ug/L

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

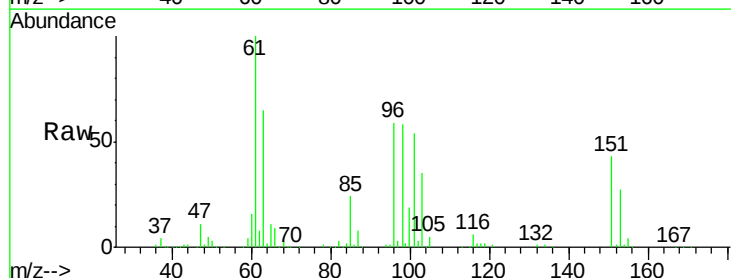
Tgt Ion: 96 Resp: 107751

Ion Ratio Lower Upper

96 100

61 170.3 124.2 230.6

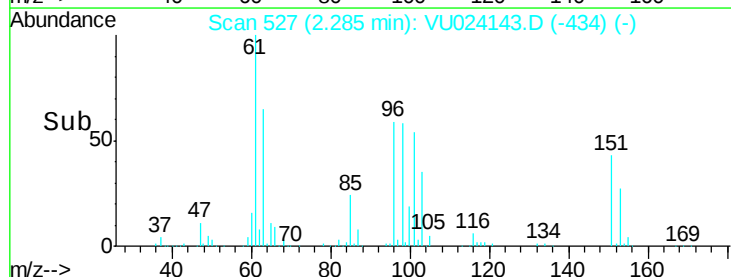
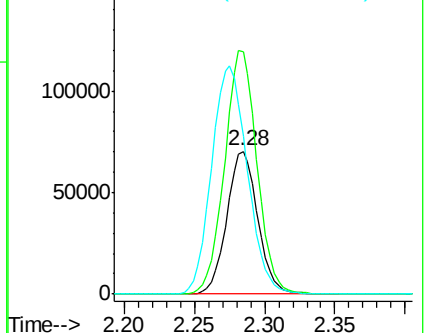
63 110.9 96.4 179.0

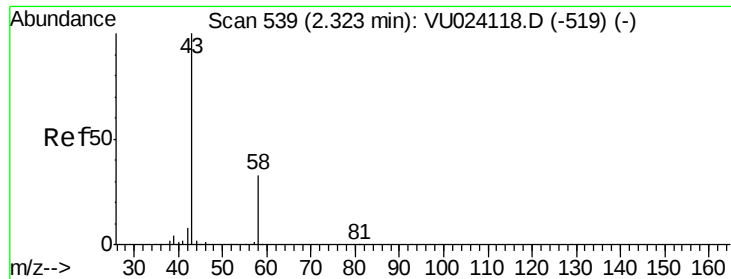


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 107.15 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024143.D

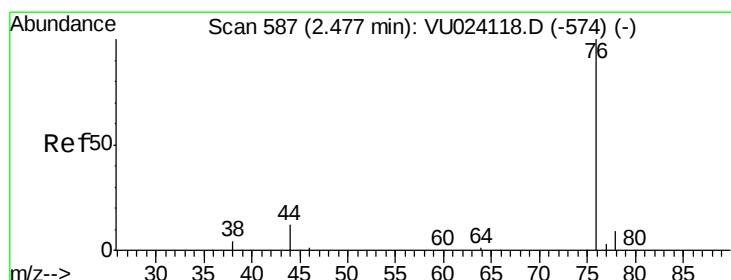
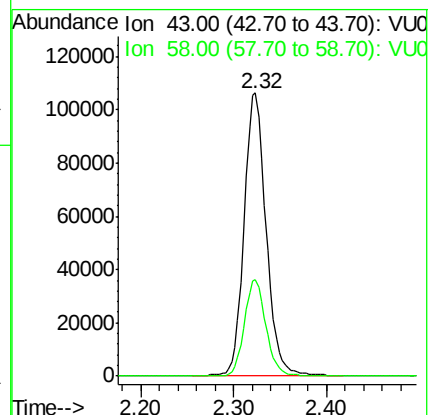
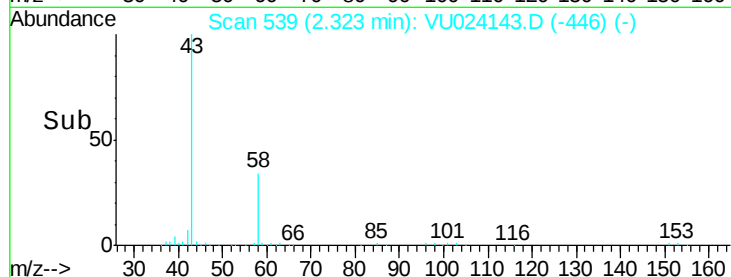
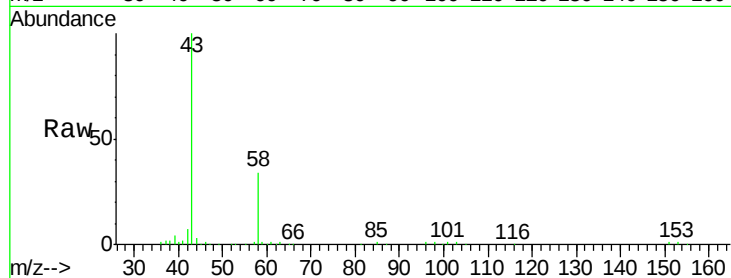
Acq: 26 May 2018 13:51

Tgt Ion: 43 Resp: 175653

Ion Ratio Lower Upper

43 100

58 33.5 0.0 64.4



#14

Carbon disulfide

Concen: 49.61 ug/L

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU024143.D

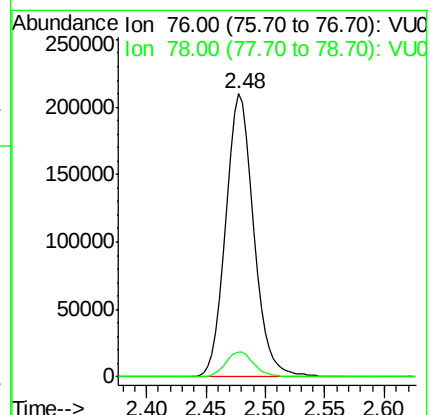
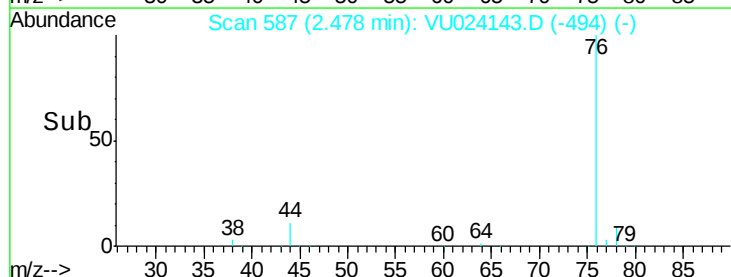
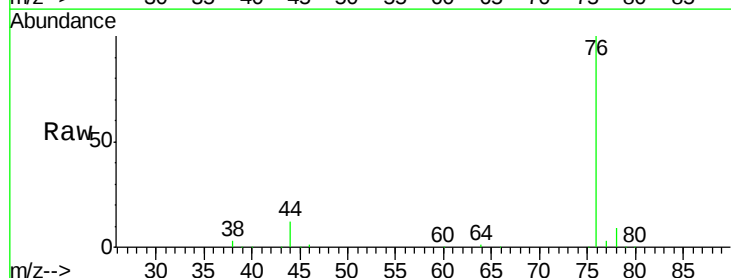
Acq: 26 May 2018 13:51

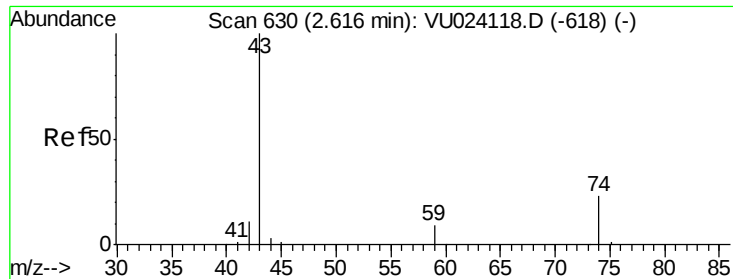
Tgt Ion: 76 Resp: 343884

Ion Ratio Lower Upper

76 100

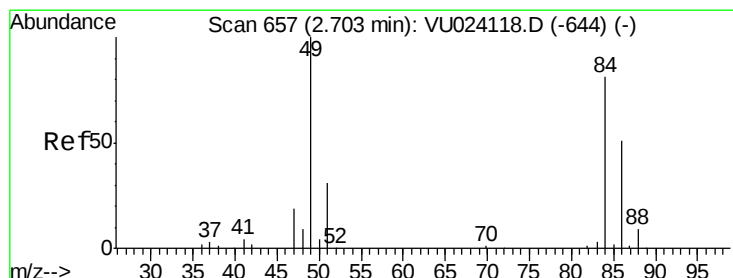
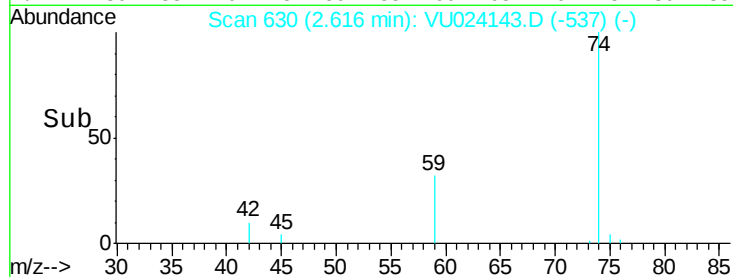
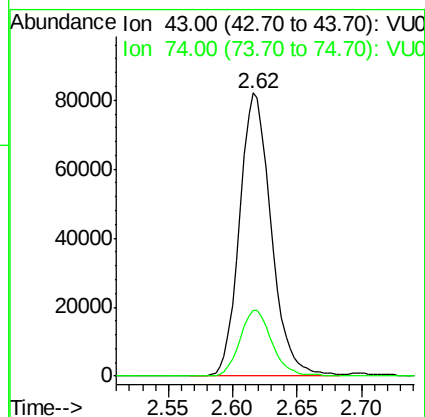
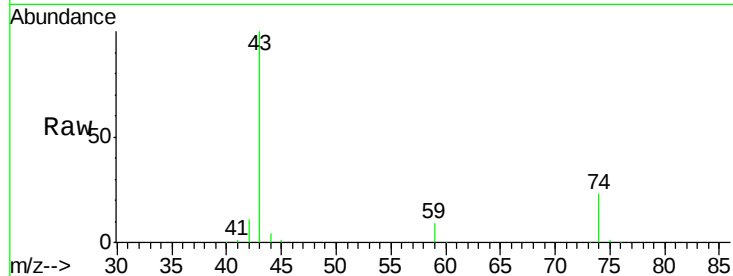
78 8.9 7.4 11.0





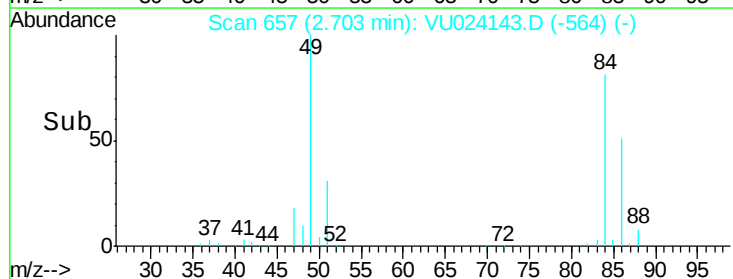
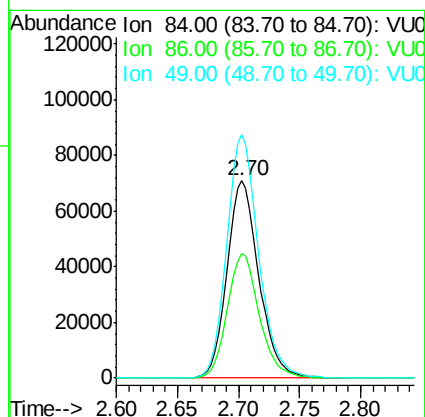
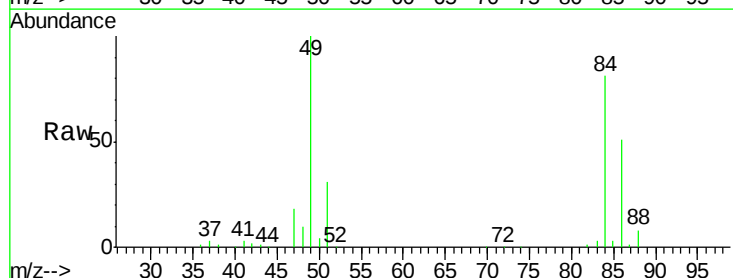
#15
Methyl Acetate
Concen: 47.00 ug/L
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU024143.D
Acq: 26 May 2018 13:51

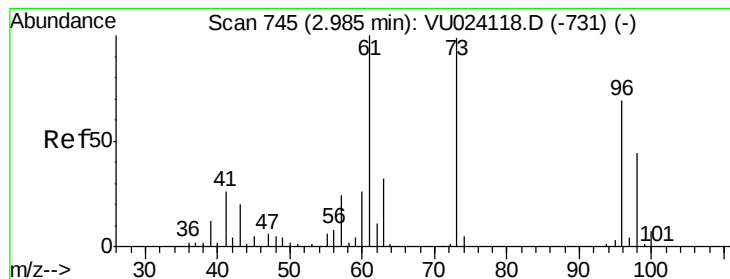
Tgt Ion: 43 Resp: 140442
Ion Ratio Lower Upper
43 100
74 23.5 18.6 28.0



#16
Methylene chloride
Concen: 48.75 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU024143.D
Acq: 26 May 2018 13:51

Tgt Ion: 84 Resp: 129665
Ion Ratio Lower Upper
84 100
86 63.0 45.4 84.2
49 123.3 87.4 162.2





#17

trans-1,2-Dichloroethene

Concen: 49.64 ug/L

RT: 2.99 min Scan# 745

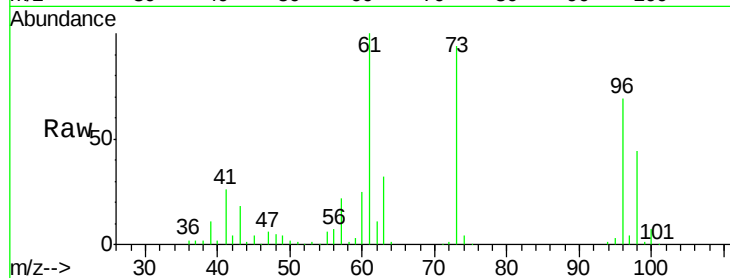
Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

Tgt Ion: 96 Resp: 111279

Ion	Ratio	Lower	Upper
96	100		
61	144.3	102.8	191.0
98	63.3	44.3	82.3

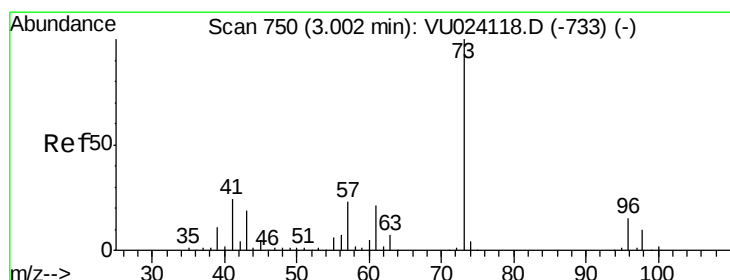
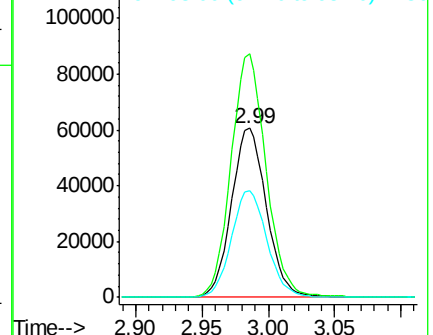
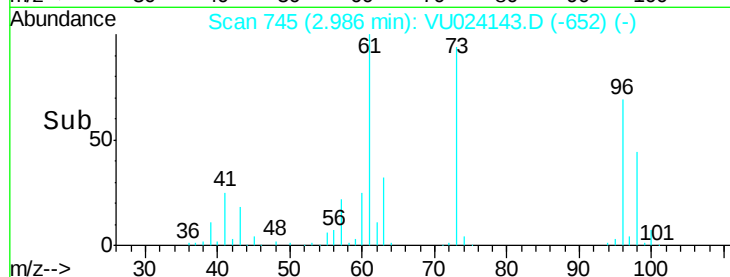


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#18

Methyl tert-butyl Ether

Concen: 51.10 ug/L

RT: 3.00 min Scan# 750

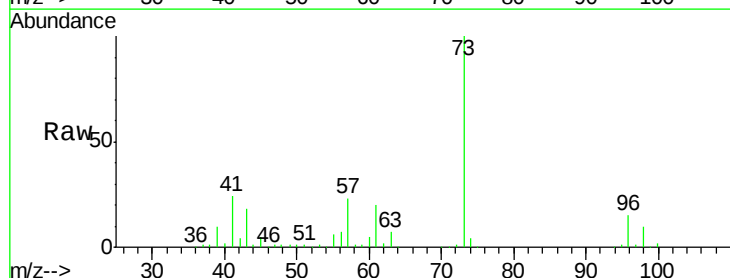
Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

Tgt Ion: 73 Resp: 345517

Ion	Ratio	Lower	Upper
73	100		
43	18.7	15.4	23.0
57	22.8	18.4	27.6

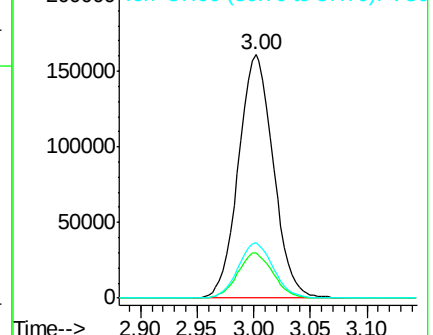
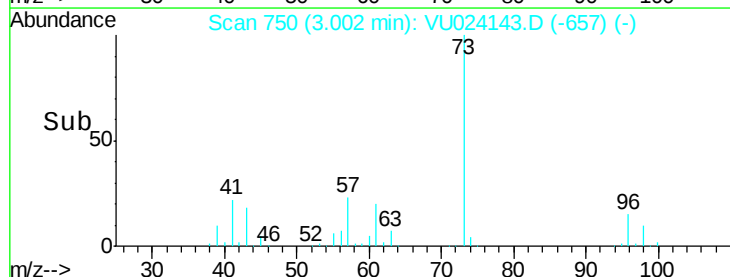


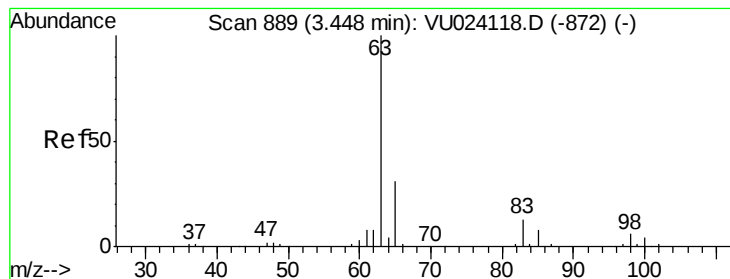
Abundance

Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#19

1,1-Dichloroethane

Concen: 49.30 ug/L

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

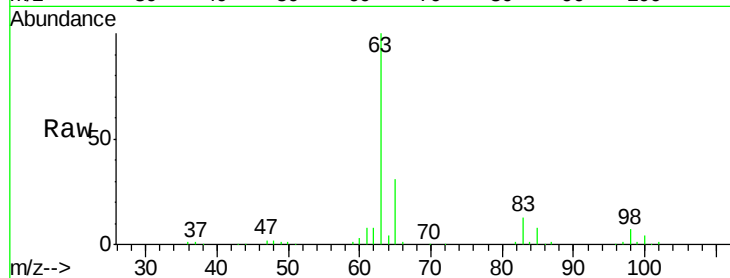
Tgt Ion: 63 Resp: 222671

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.3

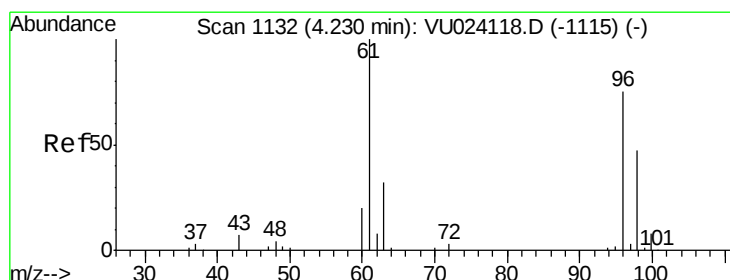
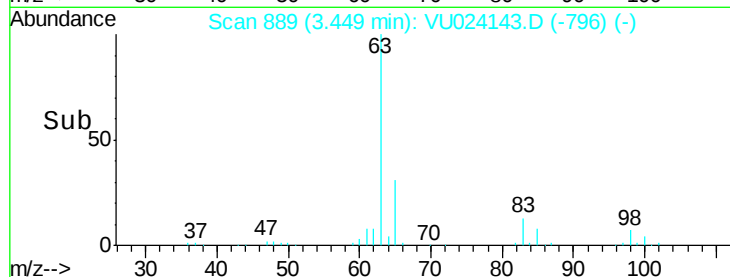
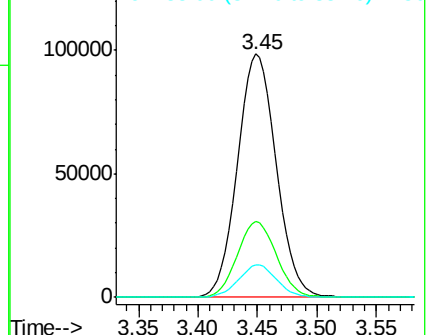
83 13.1 9.3 17.3



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

Ion 83.00 (82.70 to 83.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 50.13 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

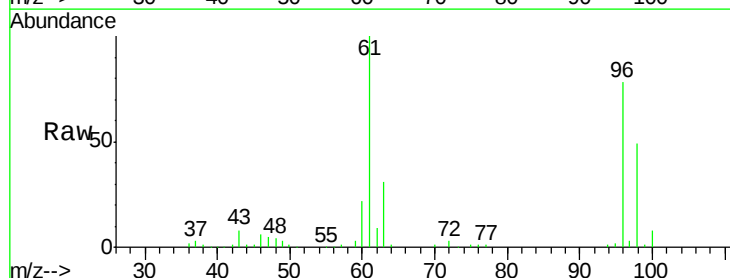
Tgt Ion: 96 Resp: 125641

Ion Ratio Lower Upper

96 100

61 128.7 94.8 176.0

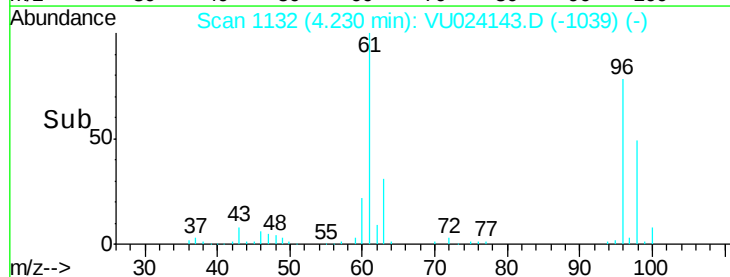
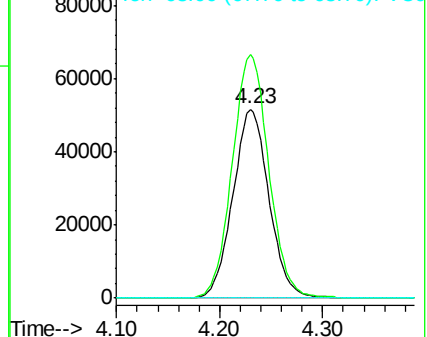
68 0.0 0.0 0.0

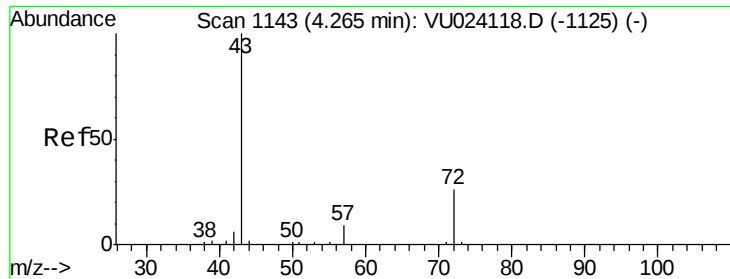


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 100.28 ug/L

RT: 4.27 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU024143.D

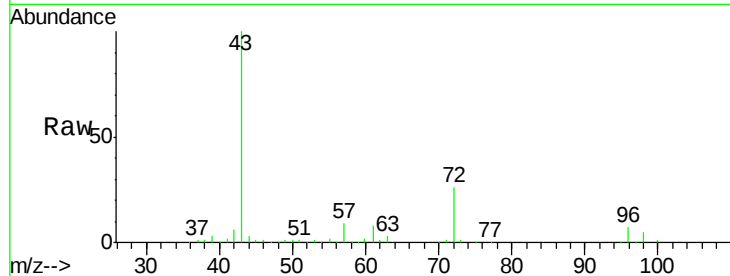
Acq: 26 May 2018 13:51

Tgt Ion: 43 Resp: 215566

Ion Ratio Lower Upper

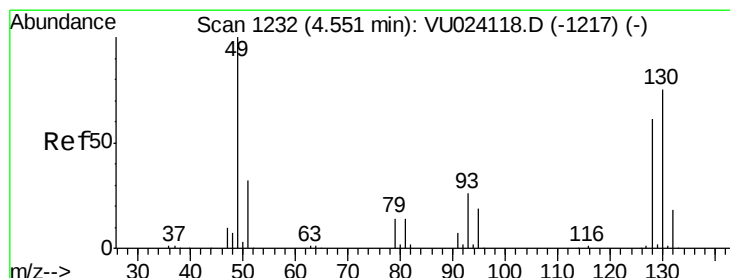
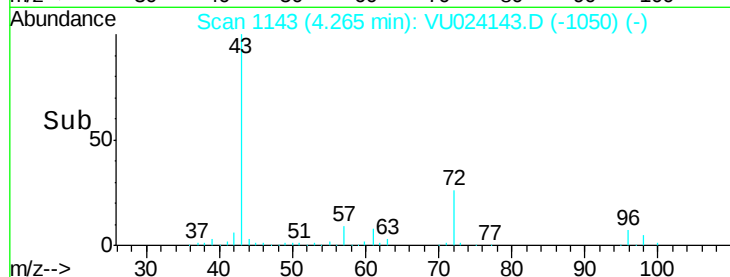
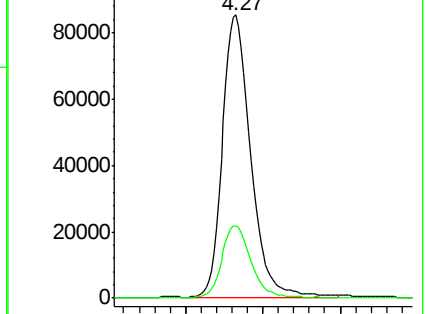
43 100

72 26.6 13.4 40.1



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#23

Bromochloromethane

Concen: 51.17 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

Tgt Ion: 128 Resp: 66629

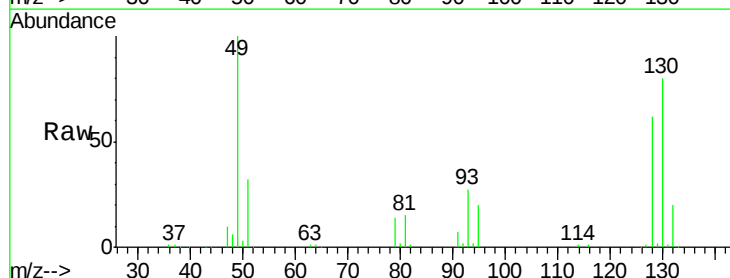
Ion Ratio Lower Upper

128 100

49 161.4 118.2 219.6

130 129.4 88.4 164.2

51 51.3 43.4 65.2

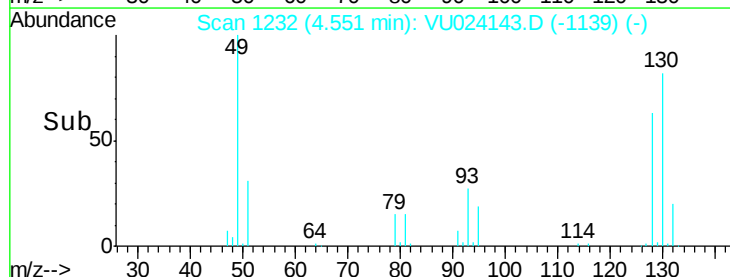
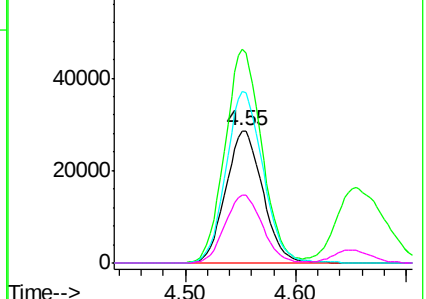


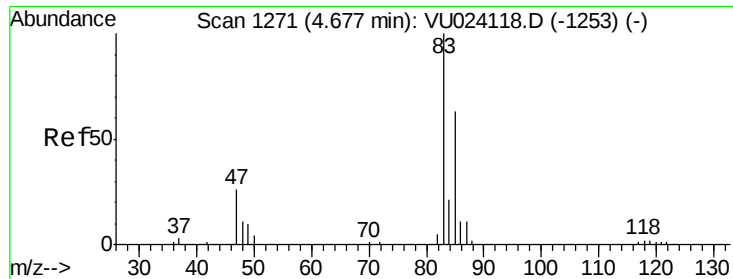
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V

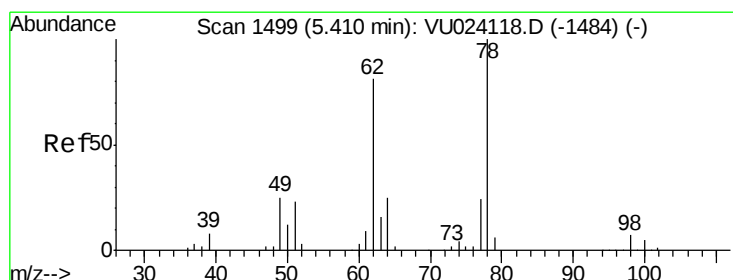
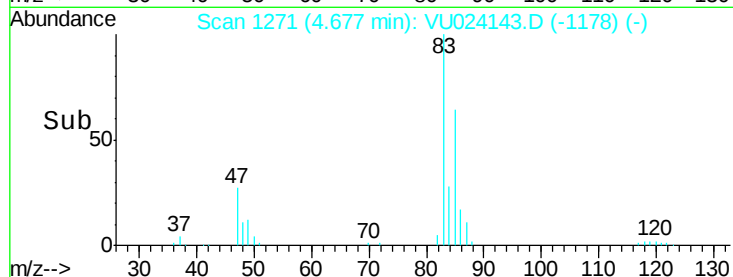
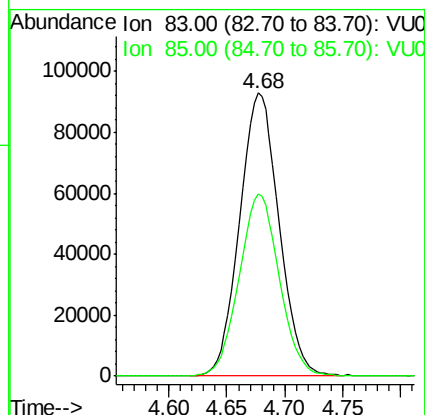
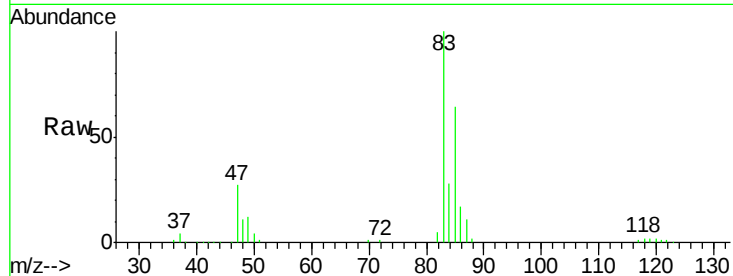
Ion 51.00 (50.70 to 51.70): VU0





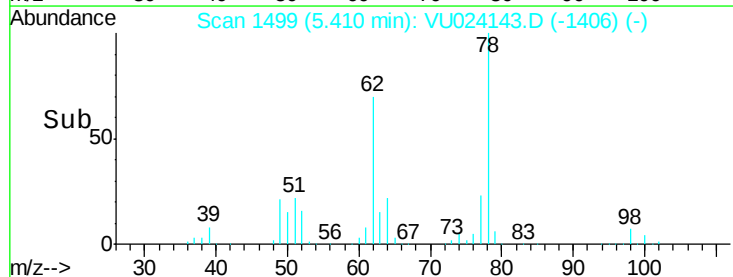
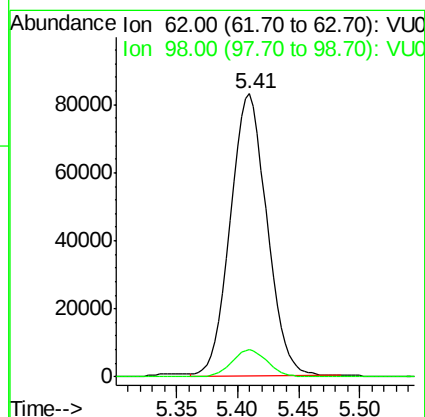
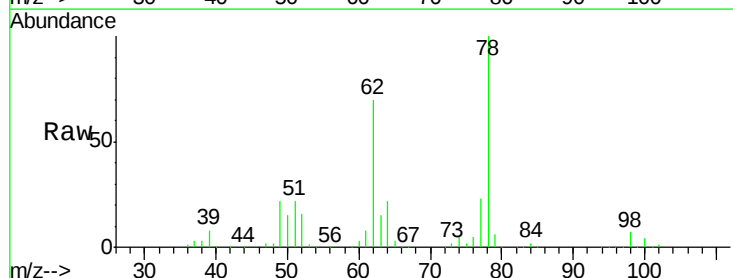
#25
Chloroform
Concen: 49.55 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU024143.D
Acq: 26 May 2018 13:51

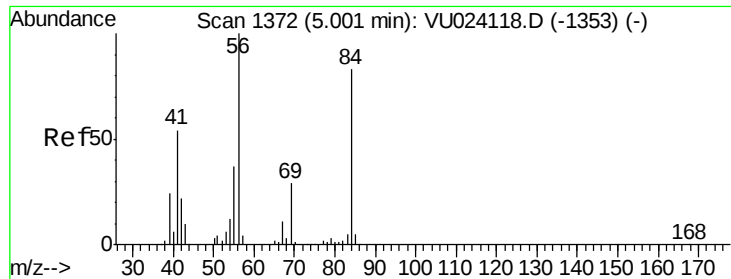
Tgt Ion: 83 Resp: 219524
Ion Ratio Lower Upper
83 100
85 64.4 44.4 82.4



#27
1,2-Dichloroethane
Concen: 49.35 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024143.D
Acq: 26 May 2018 13:51

Tgt Ion: 62 Resp: 173597
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





#29

Cyclohexane

Concen: 51.54 ug/L

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

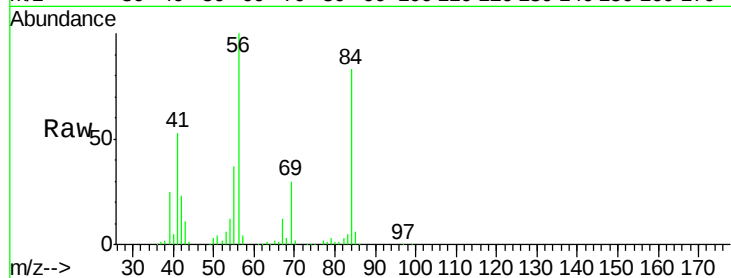
Tgt Ion: 56 Resp: 201836

Ion Ratio Lower Upper

56 100

69 30.2 23.9 35.9

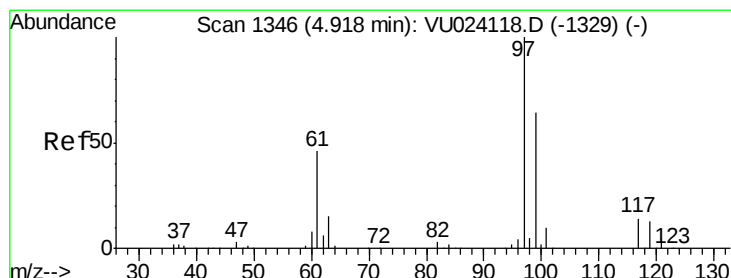
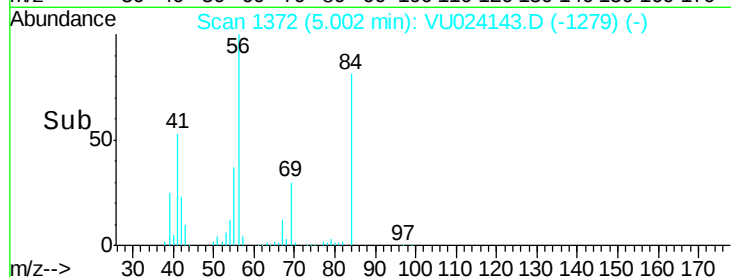
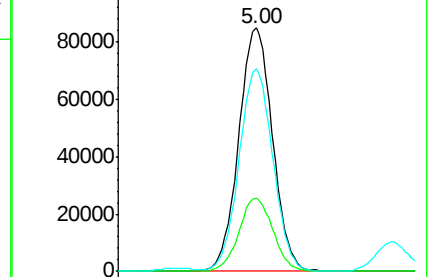
84 83.6 66.0 99.0



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: 50.28 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

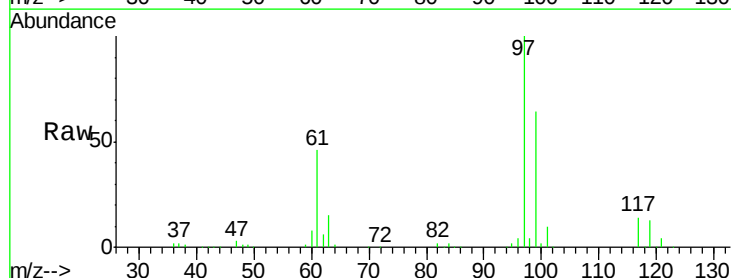
Tgt Ion: 97 Resp: 178176

Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

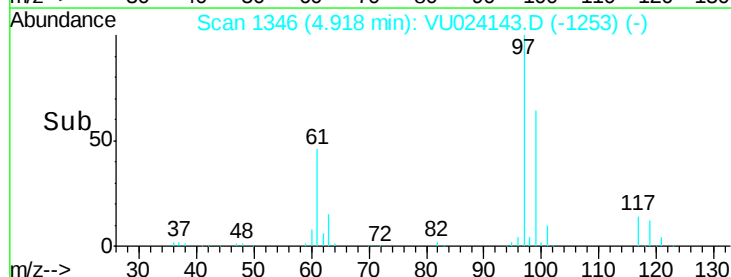
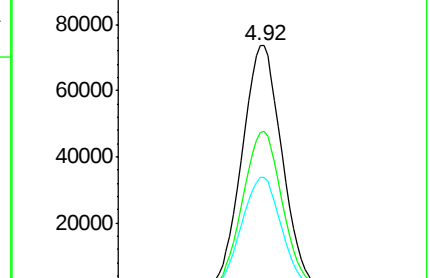
61 46.2 39.0 58.6

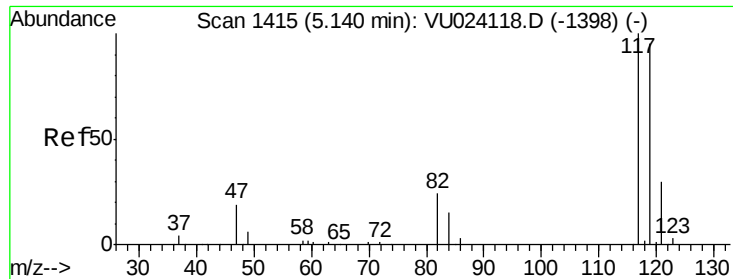


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.05 (60.75 to 61.75): VU0





#31

Carbon tetrachloride

Concen: 50.73 ug/L

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU024143.D

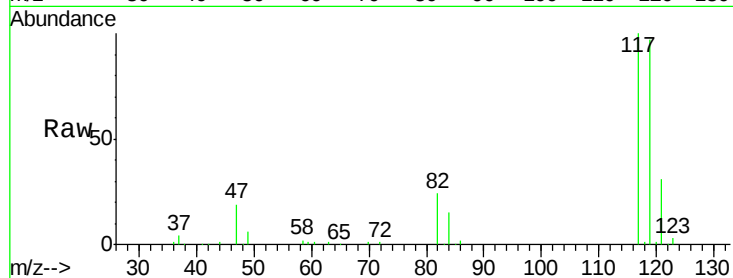
Acq: 26 May 2018 13:51

Tgt Ion:117 Resp: 157406

Ion Ratio Lower Upper

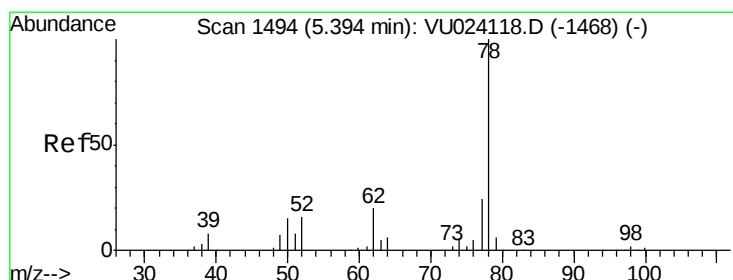
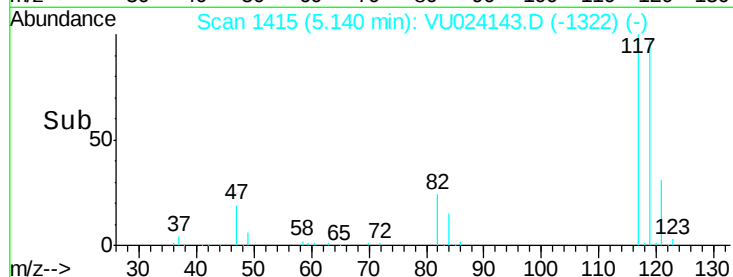
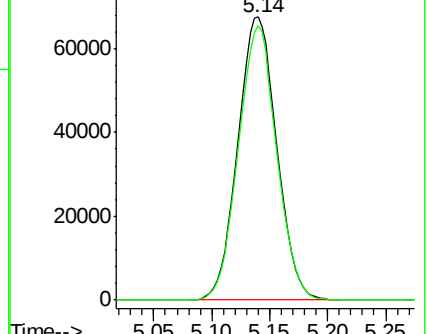
117 100

119 95.6 76.2 114.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 50.27 ug/L

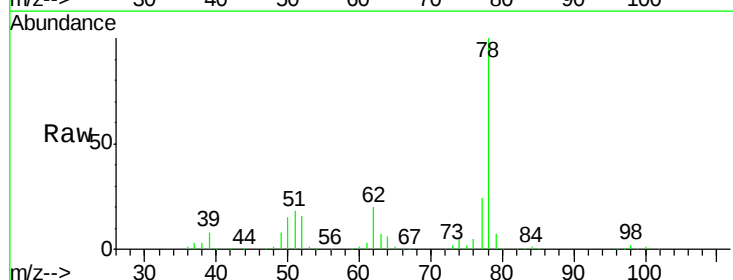
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

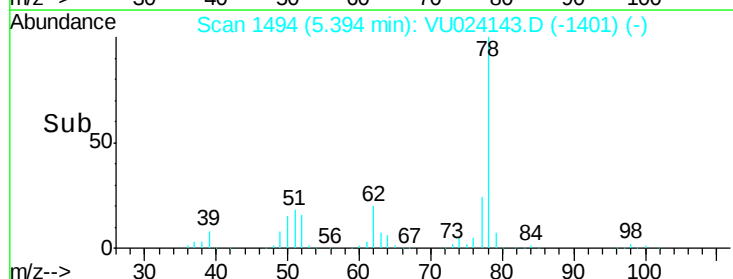
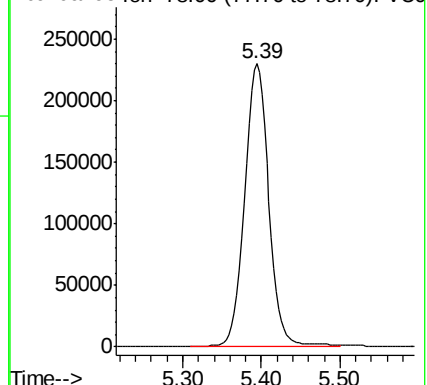
Lab File: VU024143.D

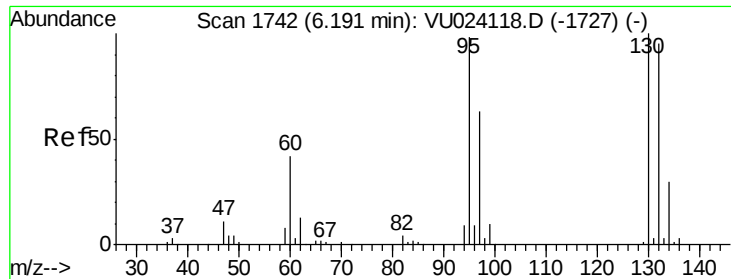
Acq: 26 May 2018 13:51

Tgt Ion: 78 Resp: 499080



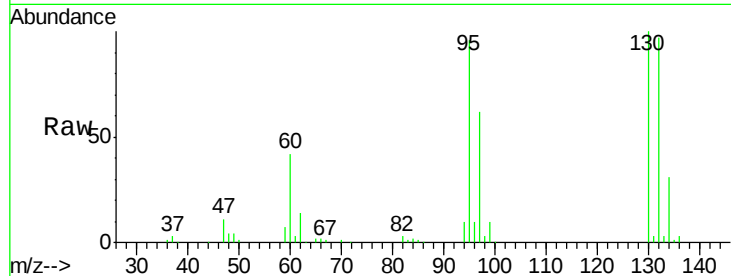
Abundance Ion 78.00 (77.70 to 78.70): VU0



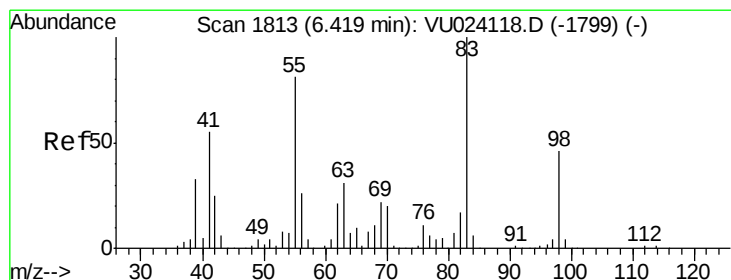
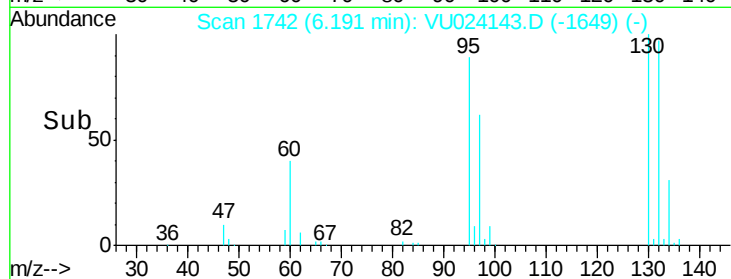
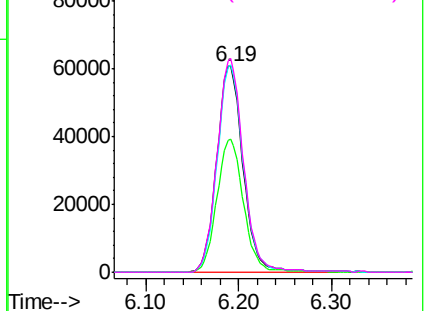


#34
 Trichloroethene
 Concen: 43.01 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU024143.D
 Acq: 26 May 2018 13:51

Tgt Ion:	95	Resp:	119958
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.5	82.7
132	100.6	69.0	128.2
130	103.9	70.6	131.0

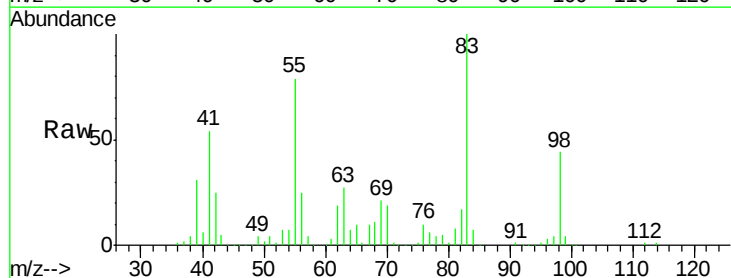


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

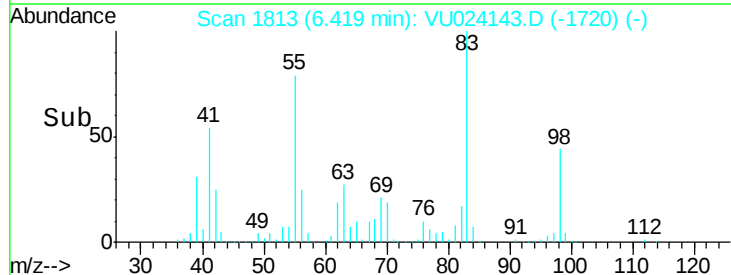
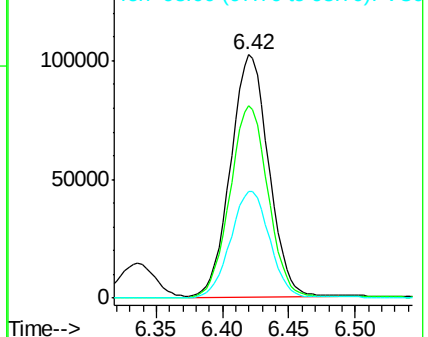


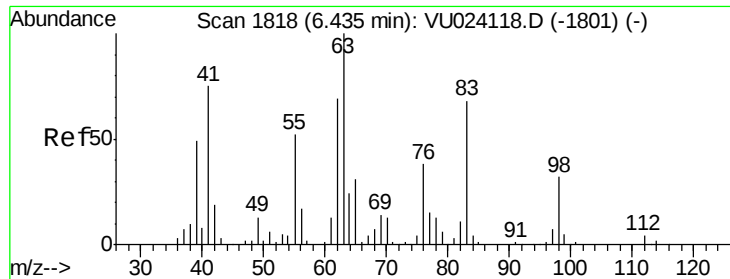
#35
 Methylcyclohexane
 Concen: 52.67 ug/L
 RT: 6.42 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VU024143.D
 Acq: 26 May 2018 13:51

Tgt Ion:	83	Resp:	203308
Ion	Ratio	Lower	Upper
83	100		
55	80.1	64.1	96.1
98	45.4	35.8	53.8



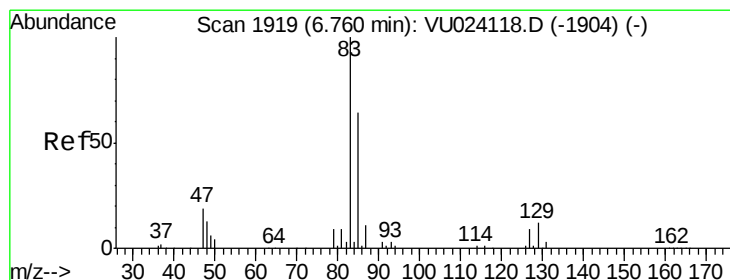
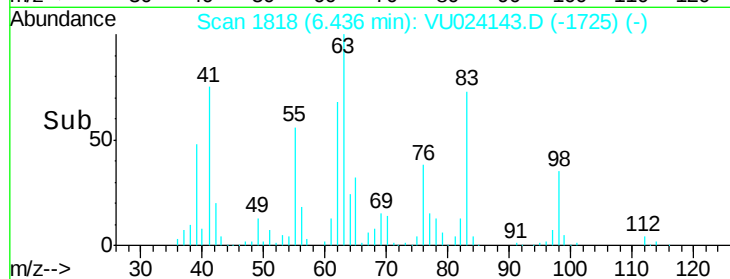
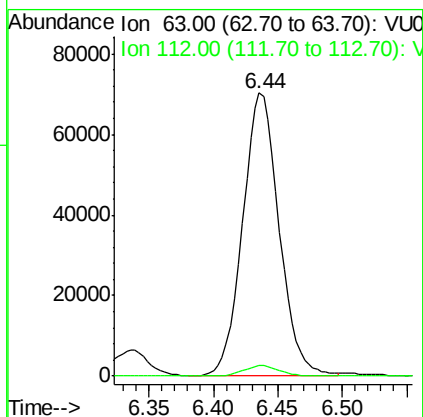
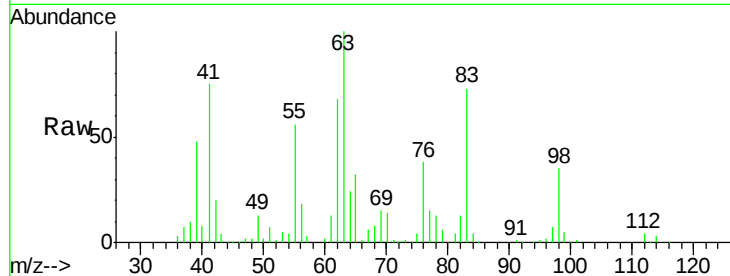
Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





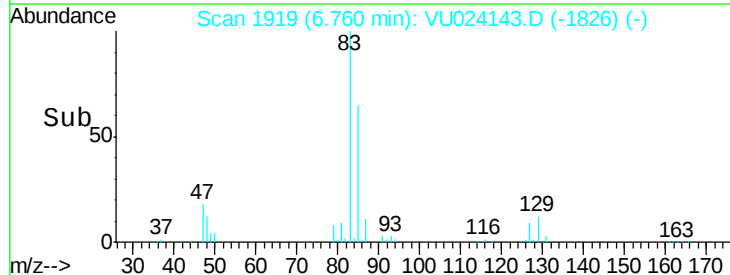
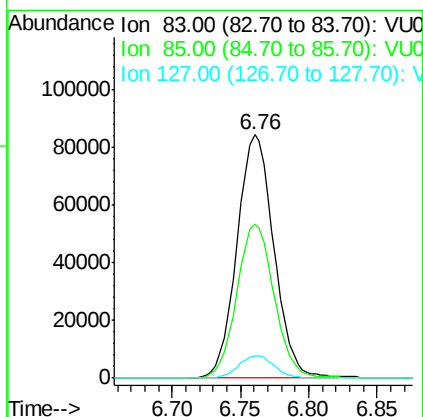
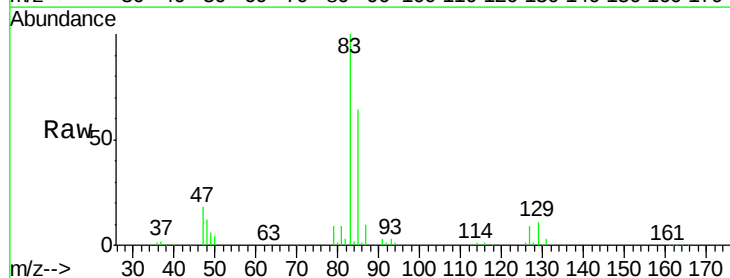
#37
 1,2-Dichloropropane
 Concen: 49.43 ug/L
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU024143.D
 Acq: 26 May 2018 13:51

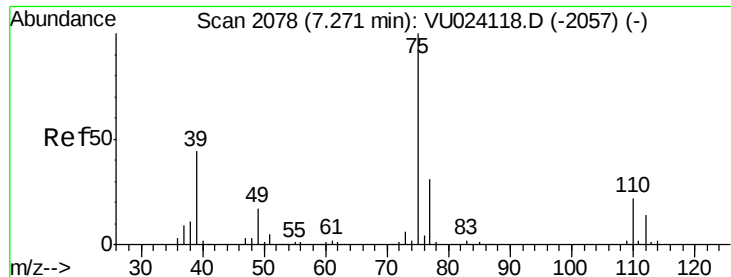
Tgt Ion: 63 Resp: 137655
 Ion Ratio Lower Upper
 63 100
 112 3.8 2.9 4.3



#38
 Bromodichloromethane
 Concen: 48.49 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: VU024143.D
 Acq: 26 May 2018 13:51

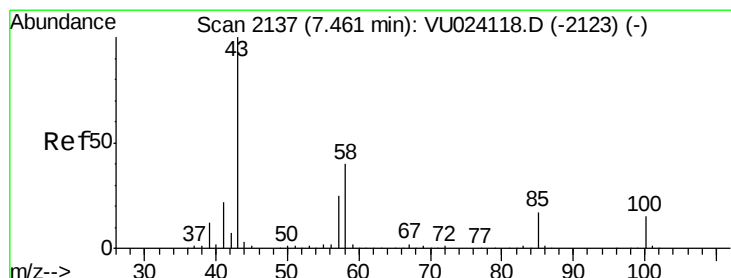
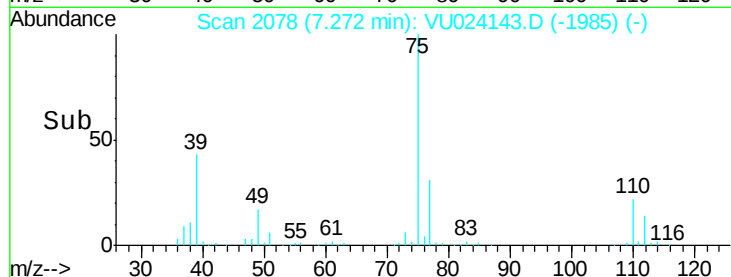
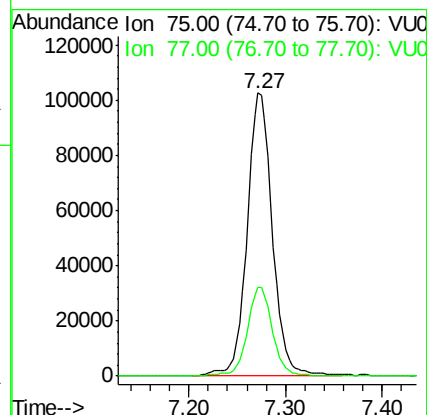
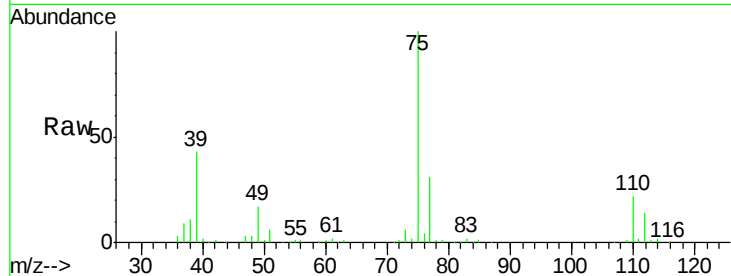
Tgt Ion: 83 Resp: 158696
 Ion Ratio Lower Upper
 83 100
 85 63.5 44.6 82.8
 127 9.0 6.8 10.2





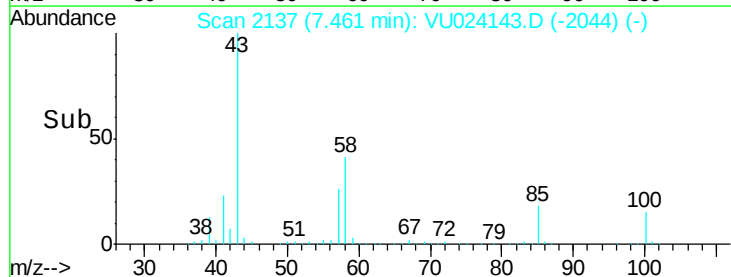
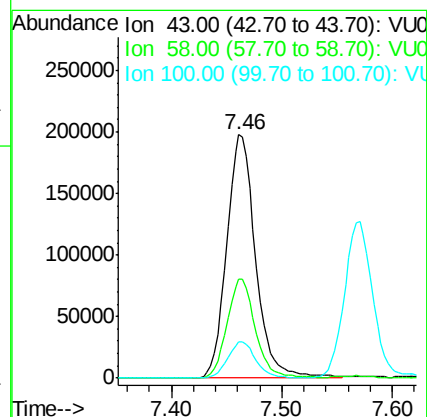
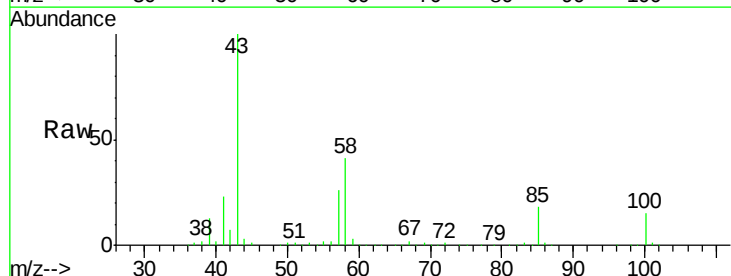
#39
 cis-1,3-Dichloropropene
 Concen: 50.67 ug/L
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU024143.D
 Acq: 26 May 2018 13:51

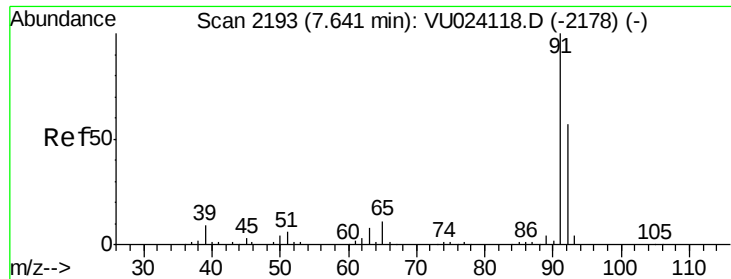
Tgt Ion: 75 Resp: 186278
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 95.29 ug/L
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024143.D
 Acq: 26 May 2018 13:51

Tgt Ion: 43 Resp: 359767
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.6 47.4
 100 14.6 11.5 17.3





#42

Toluene

Concen: 51.89 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024143.D

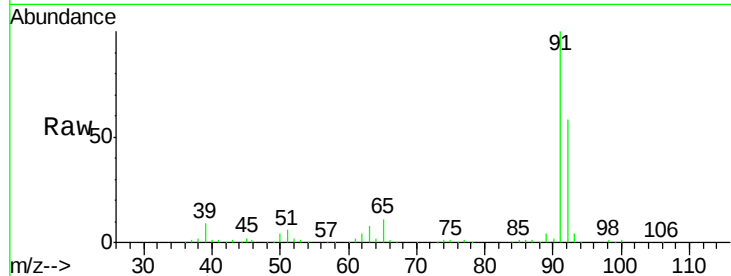
Acq: 26 May 2018 13:51

Tgt Ion: 91 Resp: 523142

Ion Ratio Lower Upper

91 100

92 58.1 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU024118.D (-2178) (-)

Ion 92.00 (91.70 to 92.70): VU024118.D (-2178) (-)

7.64

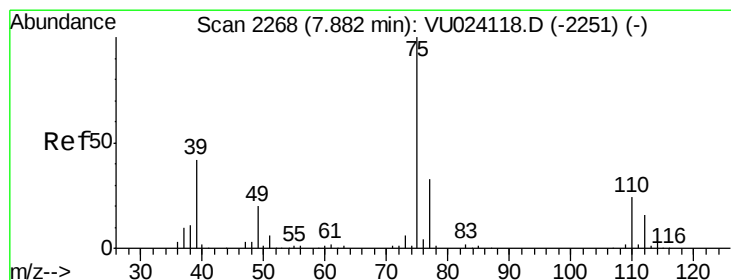
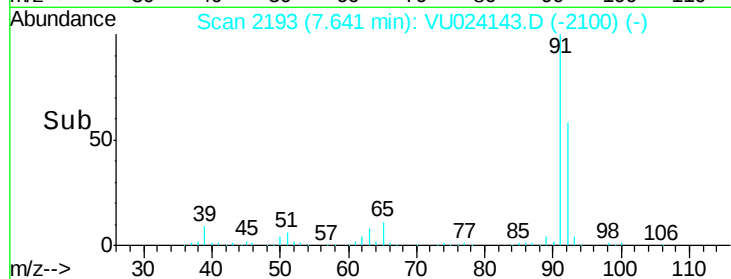
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 50.49 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024143.D

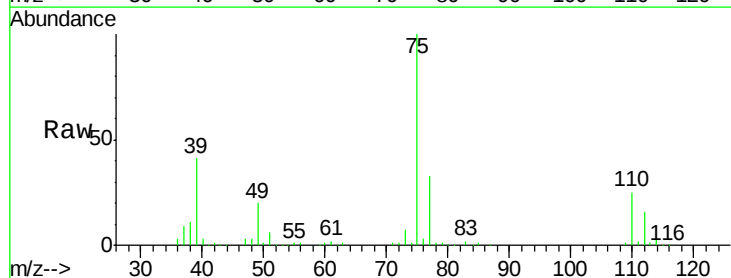
Acq: 26 May 2018 13:51

Tgt Ion: 75 Resp: 165304

Ion Ratio Lower Upper

75 100

77 32.7 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VU024118.D (-2251) (-)

Ion 77.00 (76.70 to 77.70): VU024118.D (-2251) (-)

7.88

100000

80000

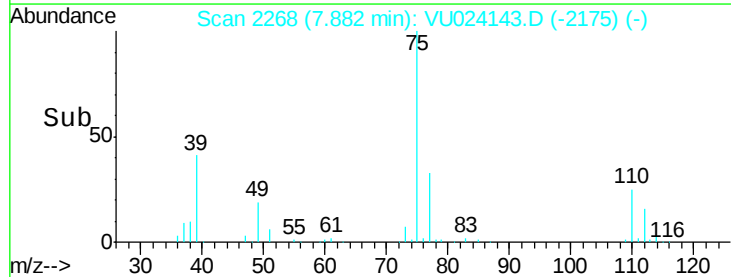
60000

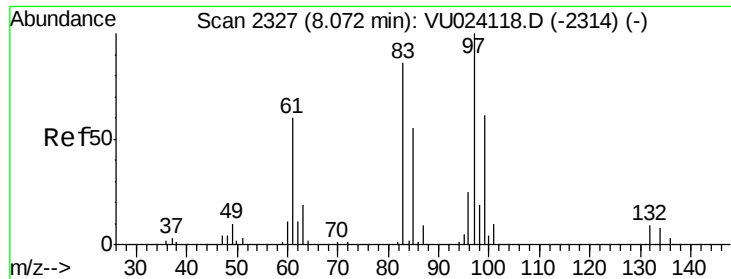
40000

20000

0

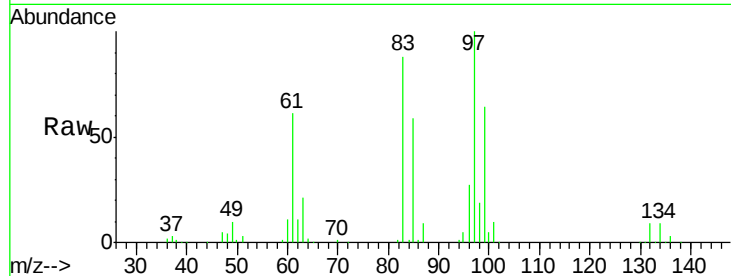
Time-->



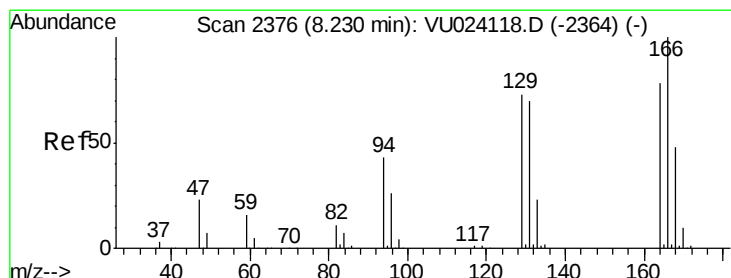
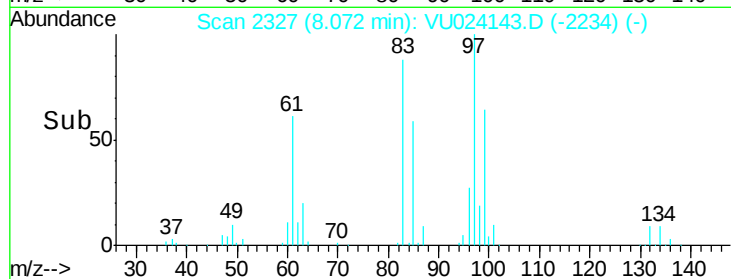
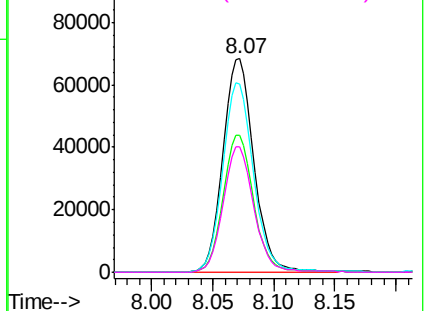


#45
 1,1,2-Trichloroethane
 Concen: 49.37 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024143.D
 Acq: 26 May 2018 13:51

Tgt Ion:	97	Resp:	122235
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.5	80.9
83	87.9	61.9	114.9
85	58.9	40.7	75.7

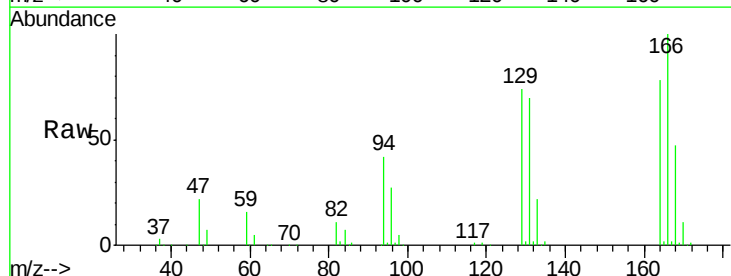


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

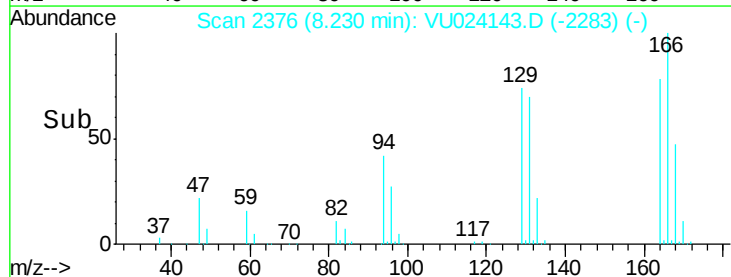
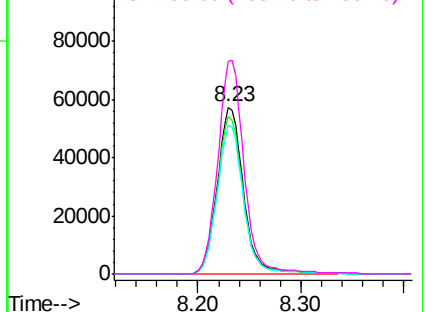


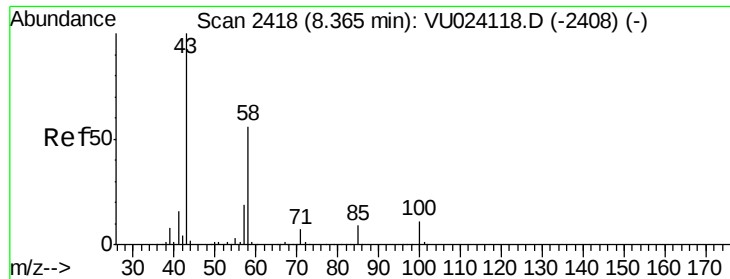
#46
 Tetrachloroethene
 Concen: 51.99 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU024143.D
 Acq: 26 May 2018 13:51

Tgt Ion:	164	Resp:	101444
Ion	Ratio	Lower	Upper
164	100		
129	94.7	66.6	123.6
131	89.3	64.5	119.9
166	127.6	89.3	165.9



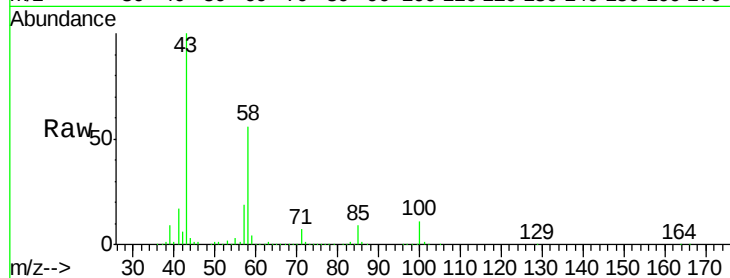
Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V



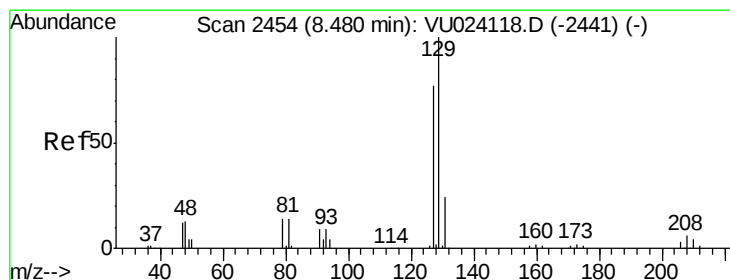
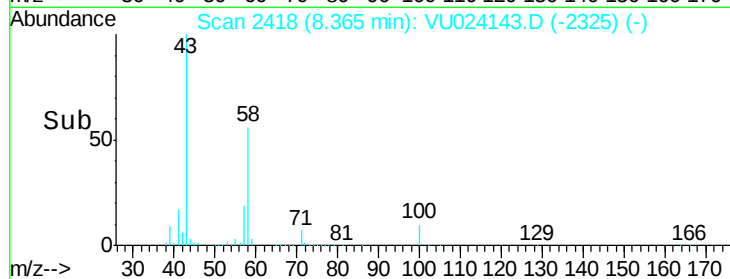
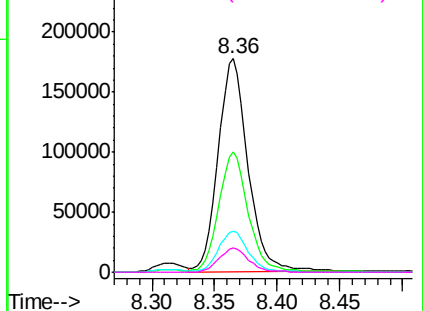


#48
2-Hexanone
Concen: 98.18 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024143.D
Acq: 26 May 2018 13:51

Tgt Ion:	43	Resp:	292432
Ion	Ratio	Lower	Upper
43	100		
58	55.5	44.6	67.0
57	19.3	15.3	22.9
100	11.6	8.9	13.3

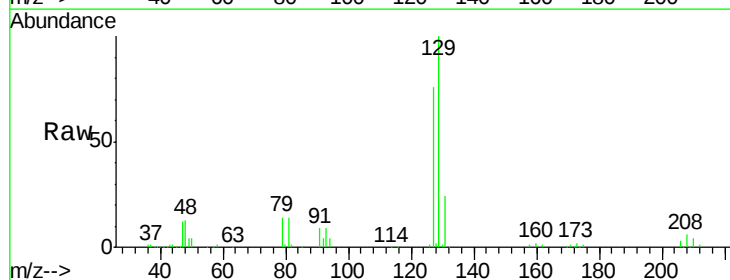


Abundance Ion 43.00 (42.70 to 43.70): VU024143.D (-2325) (-)
Ion 58.00 (57.70 to 58.70): VU024143.D (-2325) (-)
Ion 57.00 (56.70 to 57.70): VU024143.D (-2325) (-)
Ion 100.00 (99.70 to 100.70): VU024143.D (-2325) (-)

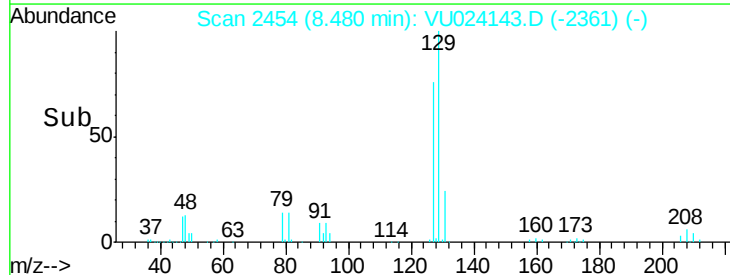
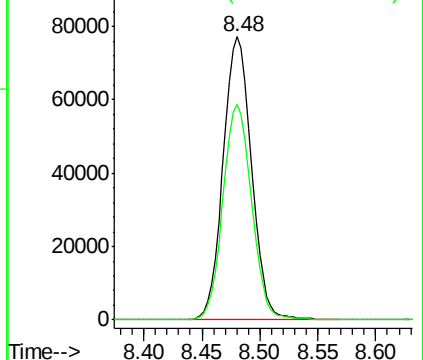


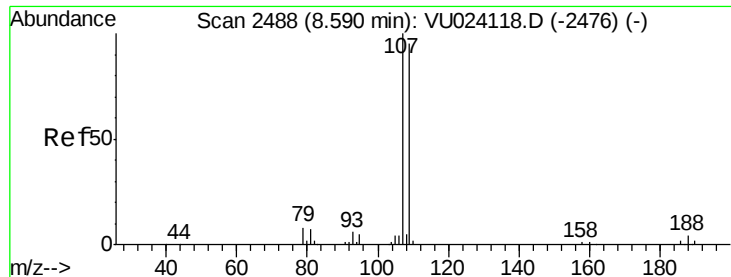
#49
Dibromochloromethane
Concen: 50.21 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024143.D
Acq: 26 May 2018 13:51

Tgt Ion:	129	Resp:	130749
Ion	Ratio	Lower	Upper
129	100		
127	76.4	54.2	100.6



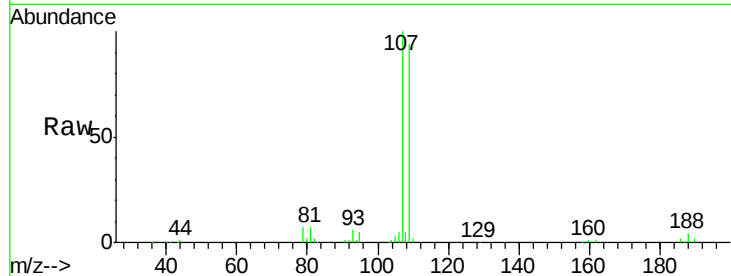
Abundance Ion 129.00 (128.70 to 129.70): VU024143.D (-2361) (-)
Ion 127.00 (126.70 to 127.70): VU024143.D (-2361) (-)



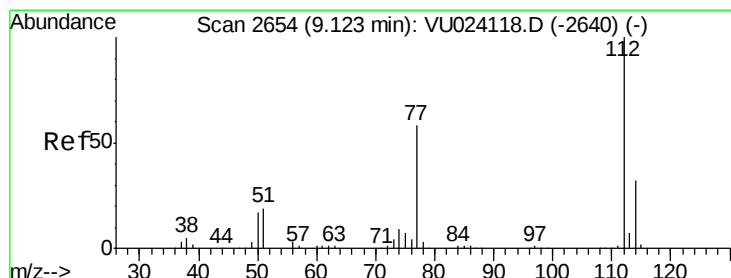
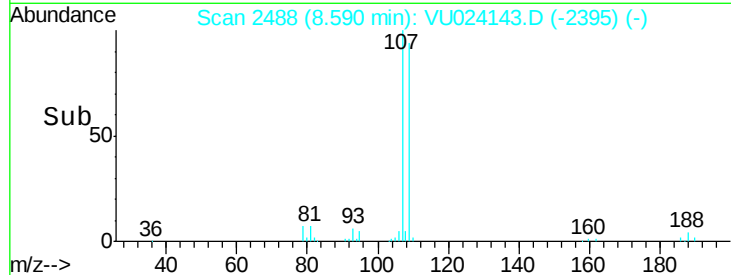
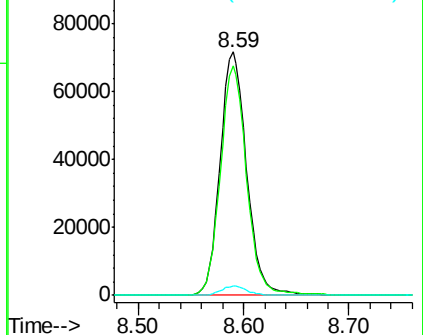


#50
1,2-Dibromoethane
Concen: 50.05 ug/L
RT: 8.59 min Scan# 2488
Delta R.T. 0.00 min
Lab File: VU024143.D
Acq: 26 May 2018 13:51

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.1	65.6	121.8
188	3.8	2.9	4.3

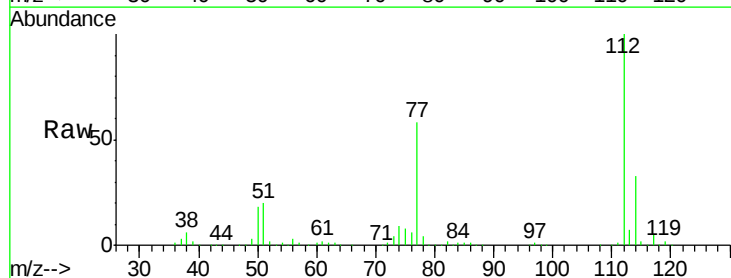


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

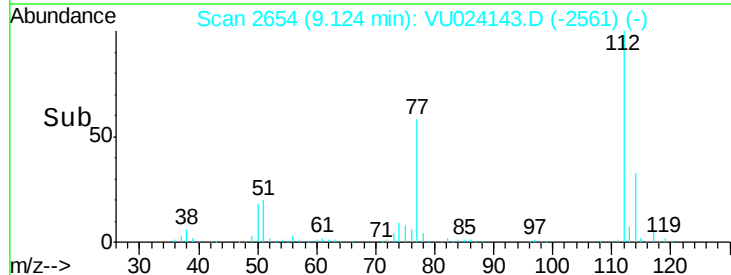
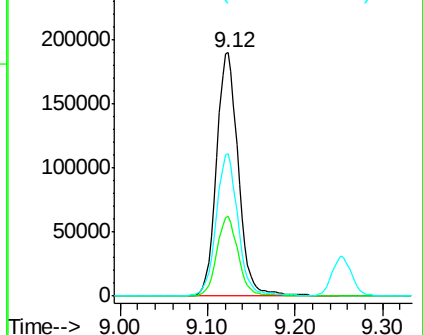


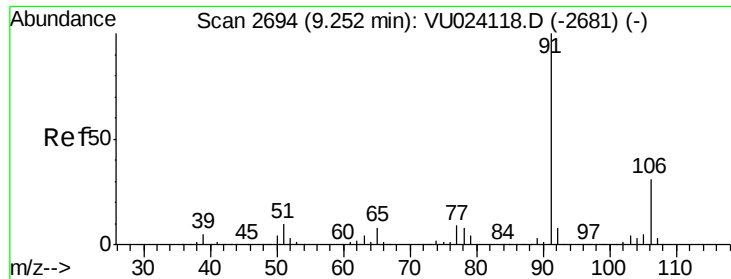
#51
Chlorobenzene
Concen: 50.40 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024143.D
Acq: 26 May 2018 13:51

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.5	41.9
77	58.4	47.3	70.9



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





#52

Ethylbenzene

Concen: 51.65 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024143.D

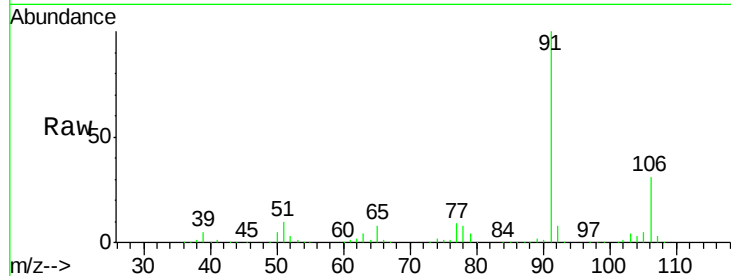
Acq: 26 May 2018 13:51

Tgt Ion: 91 Resp: 550393

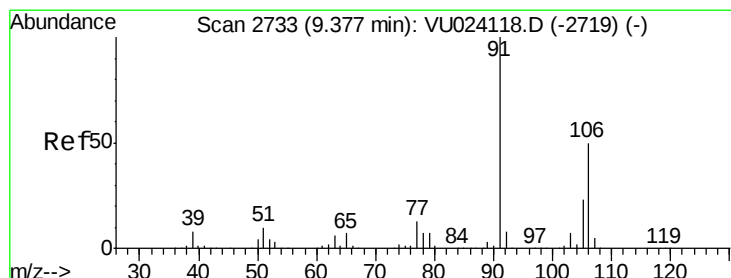
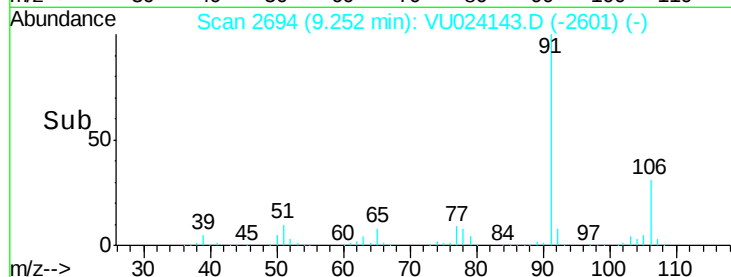
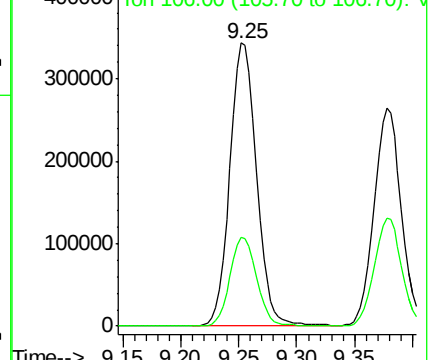
Ion Ratio Lower Upper

91 100

106 31.3 22.0 41.0



Abundance Ion 91.00 (90.70 to 91.70): VU024118.D (-2681) (-)



#53

m,p-Xylene

Concen: 53.96 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024143.D

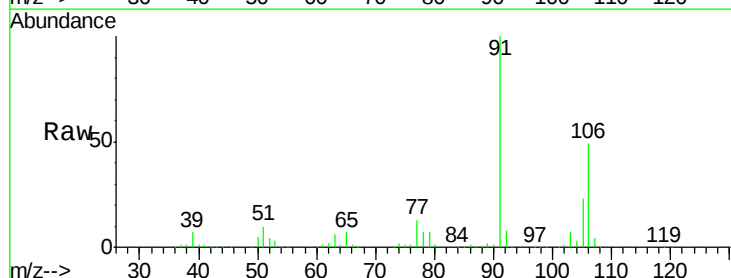
Acq: 26 May 2018 13:51

Tgt Ion: 106 Resp: 217835

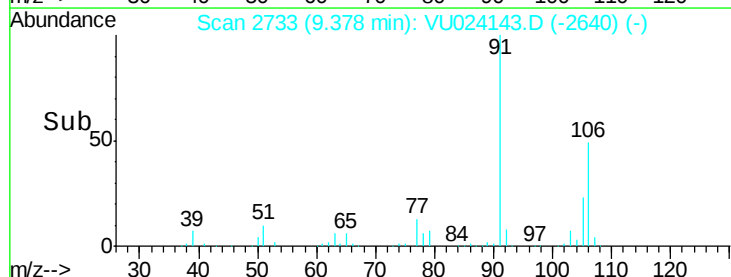
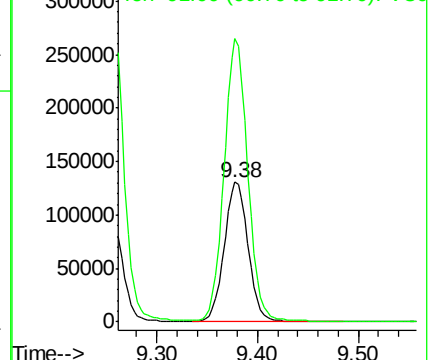
Ion Ratio Lower Upper

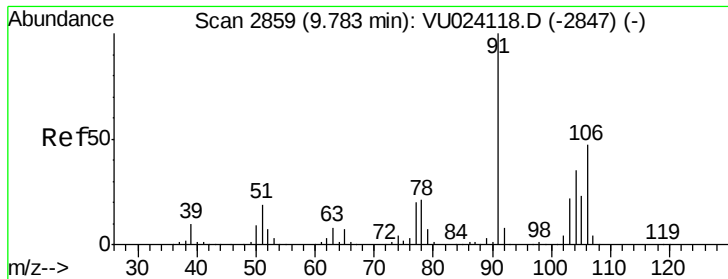
106 100

91 203.0 141.9 263.5



Abundance Ion 106.00 (105.70 to 106.70): VU024118.D (-2719) (-)





#54

o-xylene

Concen: 51.96 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU024143.D

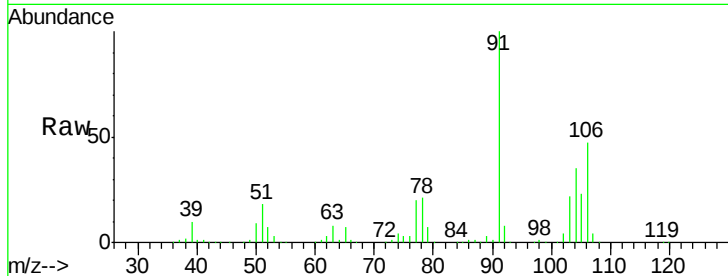
Acq: 26 May 2018 13:51

Tgt Ion:106 Resp: 210059

Ion Ratio Lower Upper

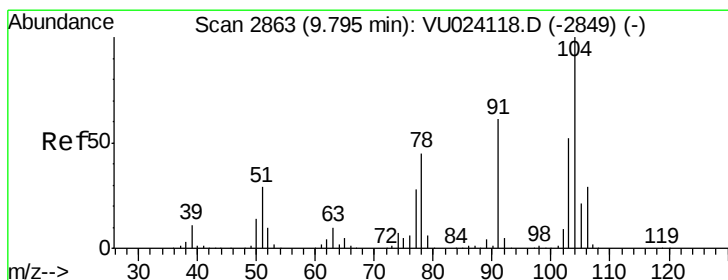
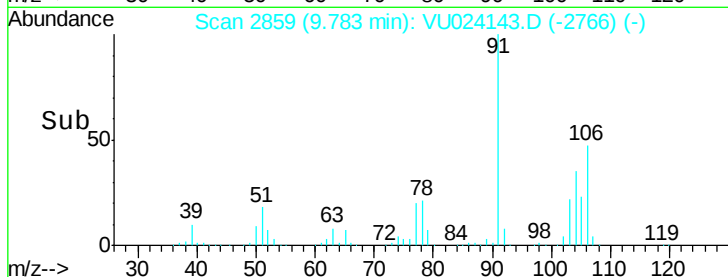
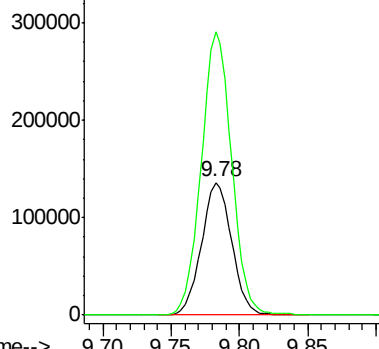
106 100

91 213.4 150.4 279.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 54.06 ug/L

RT: 9.80 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VU024143.D

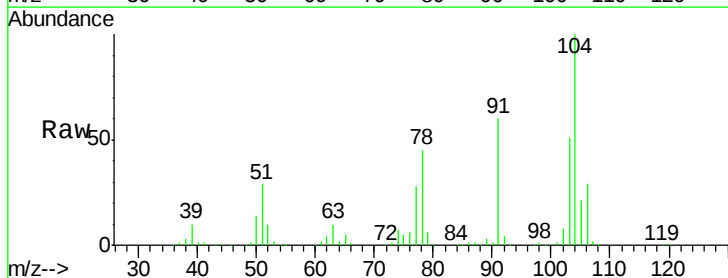
Acq: 26 May 2018 13:51

Tgt Ion:104 Resp: 361213

Ion Ratio Lower Upper

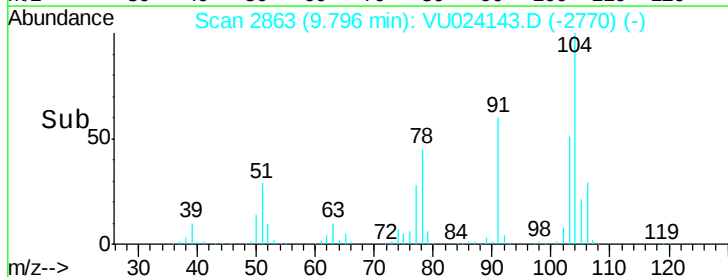
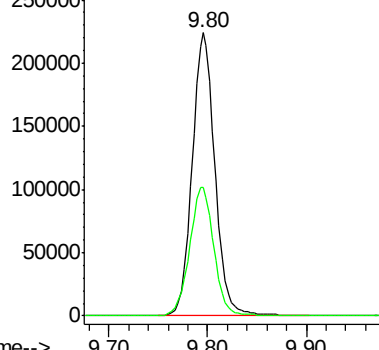
104 100

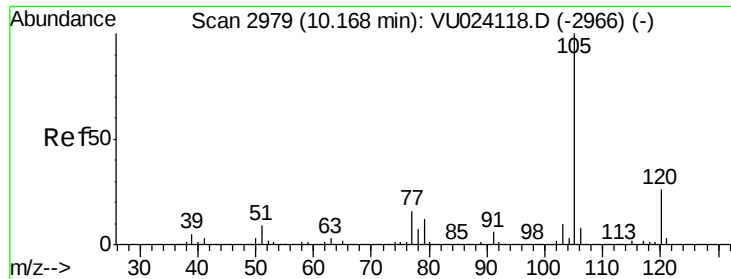
78 45.5 32.6 60.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 52.90 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

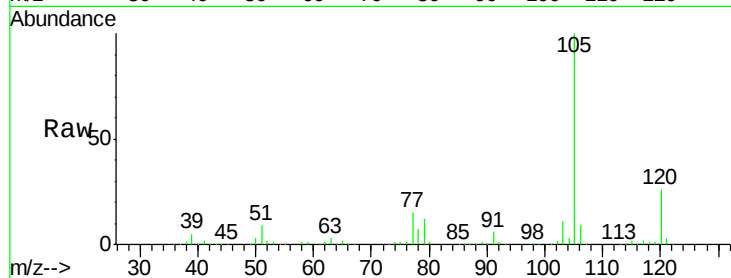
Tgt Ion: 105 Resp: 541334

Ion Ratio Lower Upper

105 100

120 26.5 21.4 32.0

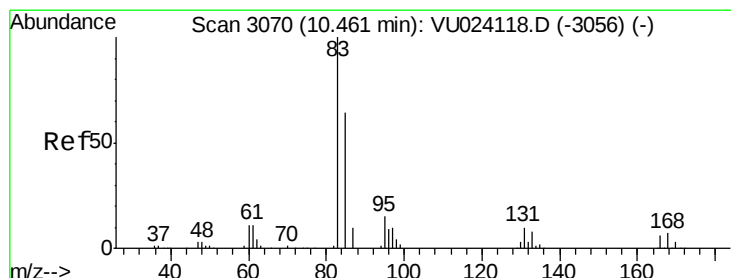
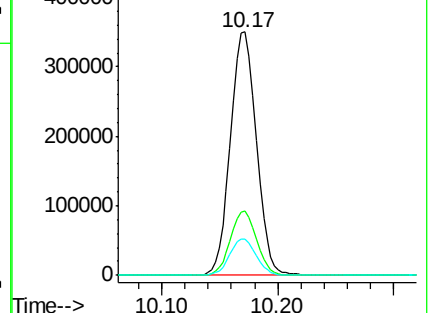
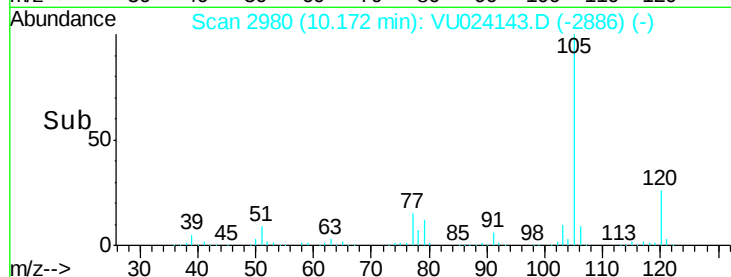
77 15.2 12.5 18.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 47.83 ug/L

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

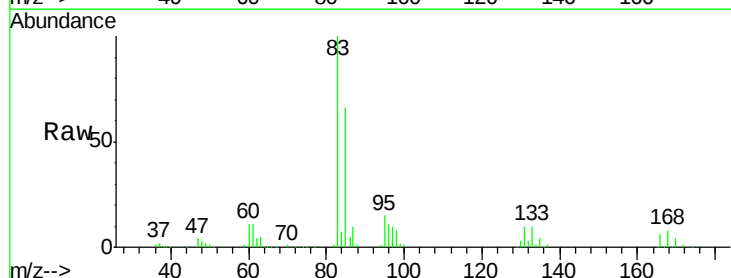
Tgt Ion: 83 Resp: 208285

Ion Ratio Lower Upper

83 100

85 65.7 45.3 84.1

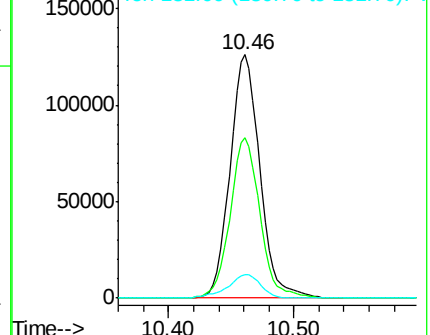
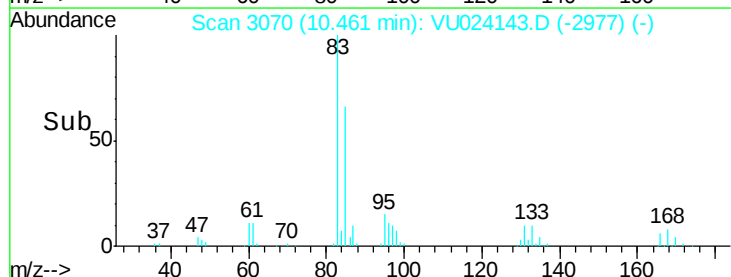
131 9.7 7.6 11.4

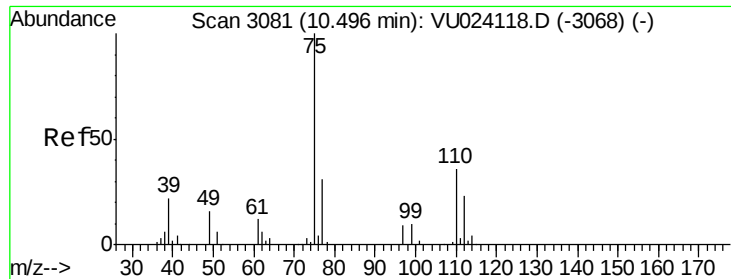


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 47.90 ug/L

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024143.D

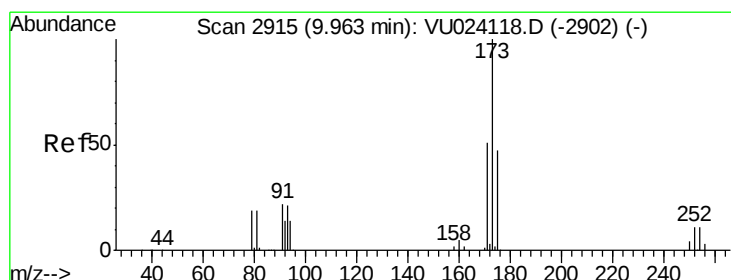
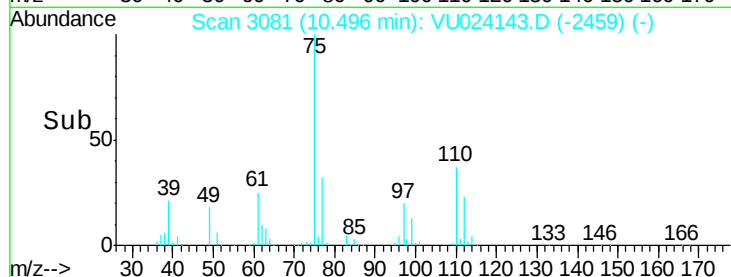
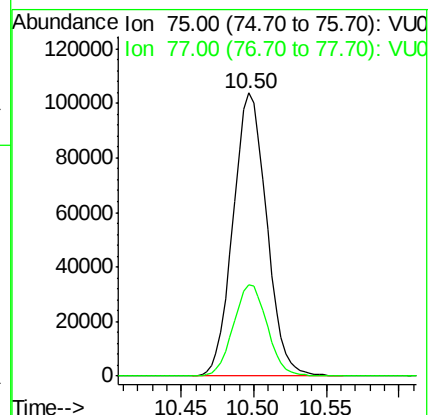
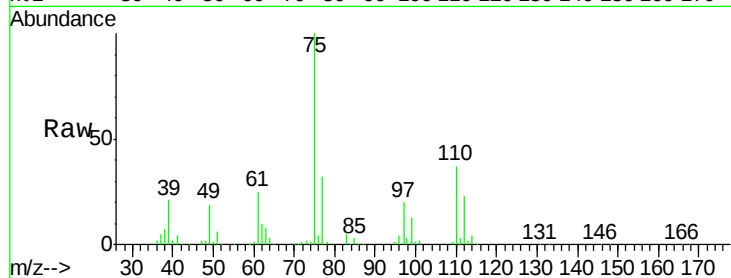
Acq: 26 May 2018 13:51

Tgt Ion: 75 Resp: 166955

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3



#61

Bromoform

Concen: 47.85 ug/L

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

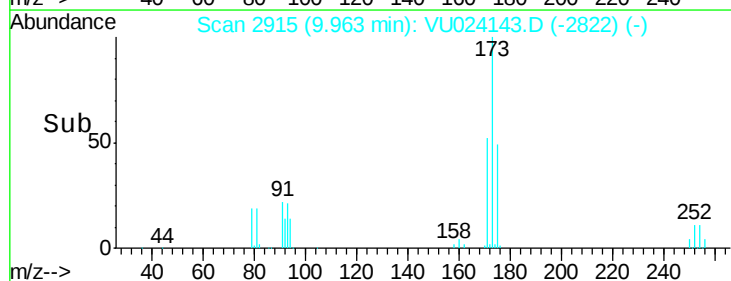
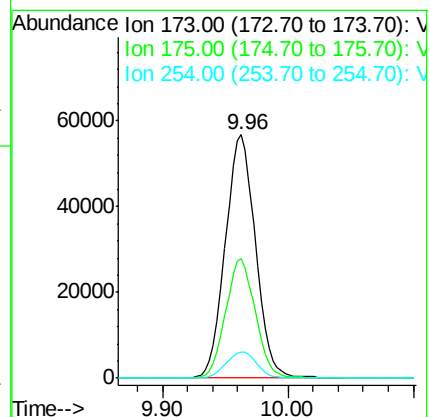
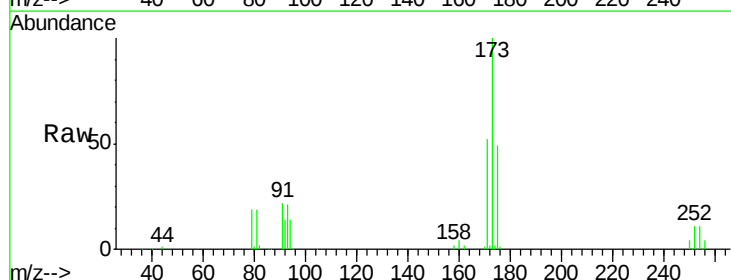
Tgt Ion: 173 Resp: 94736

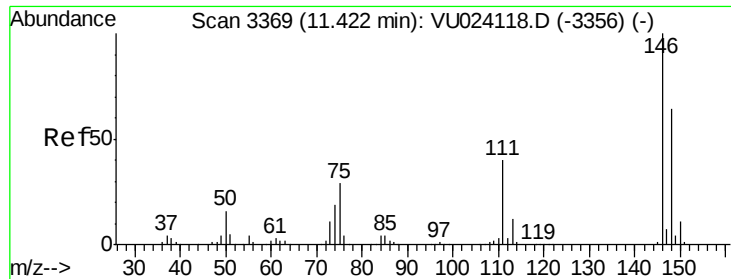
Ion Ratio Lower Upper

173 100

175 48.5 38.5 57.7

254 10.9 8.7 13.1





#62

1,3-Dichlorobenzene

Concen: 50.24 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

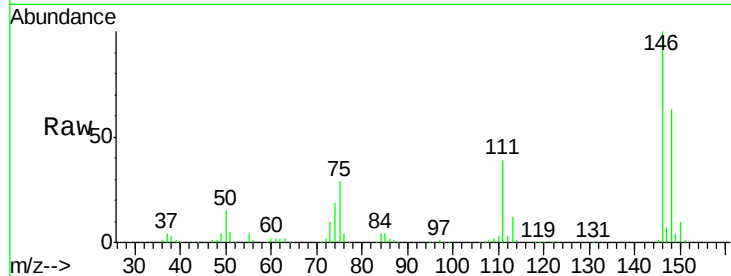
Tgt Ion:146 Resp: 235616

Ion Ratio Lower Upper

146 100

111 38.7 27.6 51.4

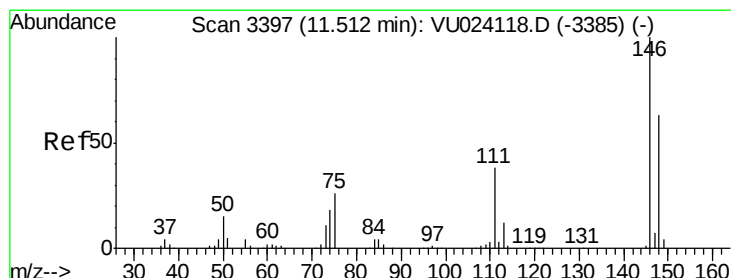
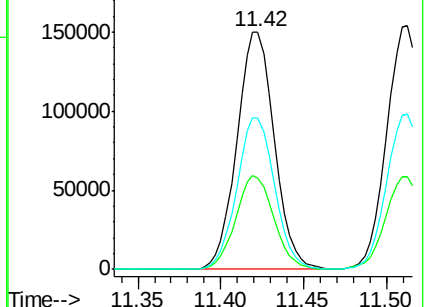
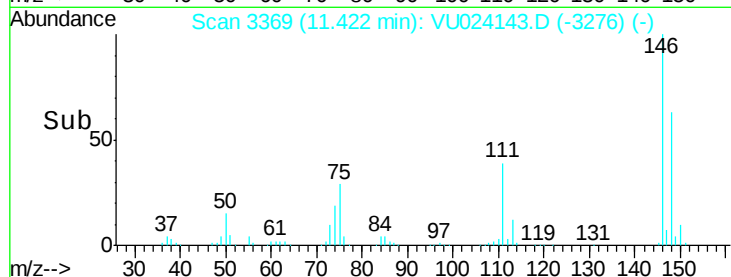
148 63.5 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 50.26 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

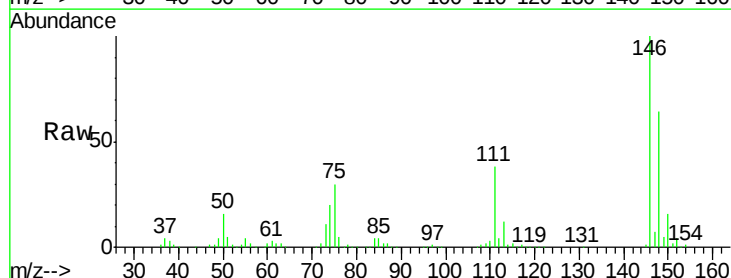
Tgt Ion:146 Resp: 241183

Ion Ratio Lower Upper

146 100

111 38.0 26.9 49.9

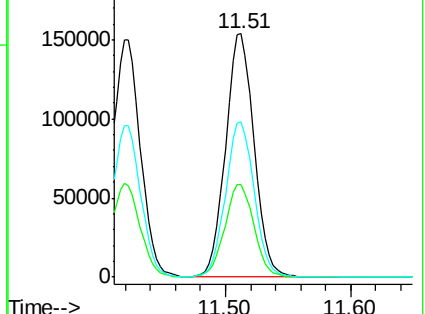
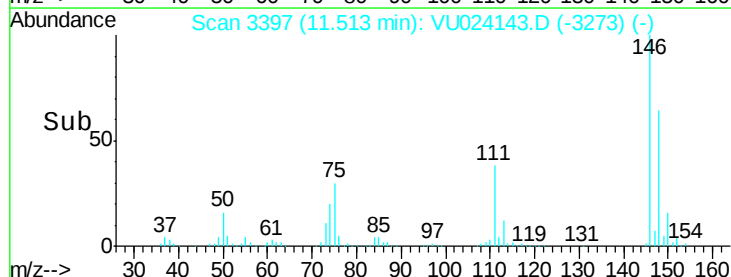
148 64.0 45.4 84.2

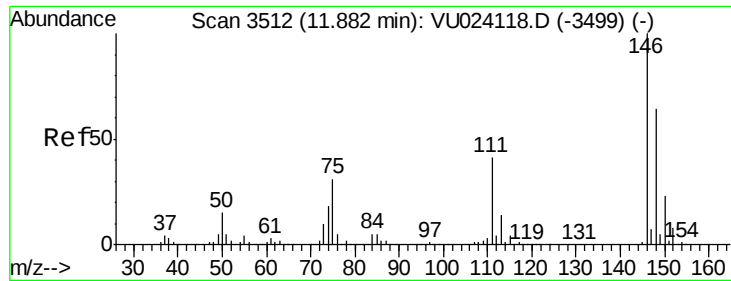


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 50.62 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

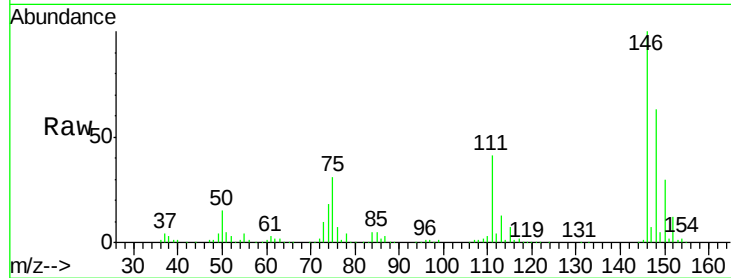
Tgt Ion: 146 Resp: 262269

Ion Ratio Lower Upper

146 100

111 41.0 33.0 49.6

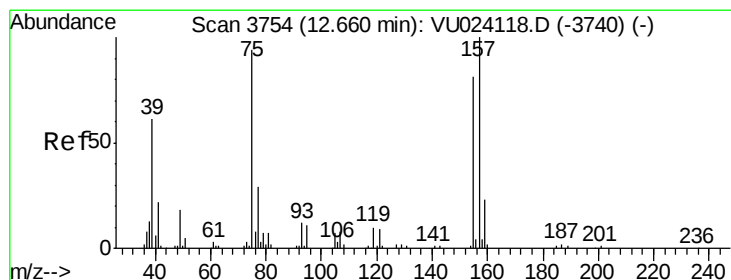
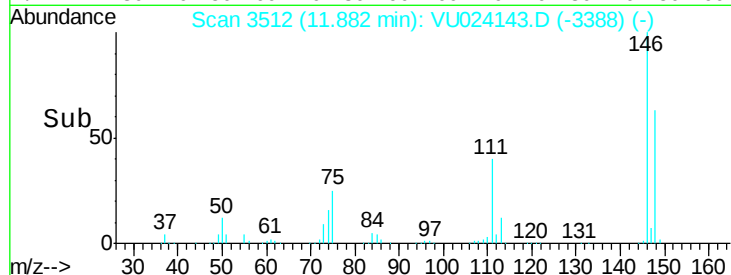
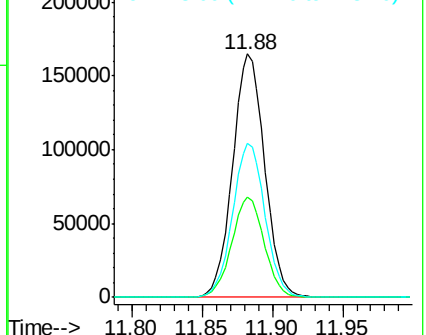
148 63.2 51.0 76.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 45.68 ug/L

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024143.D

Acq: 26 May 2018 13:51

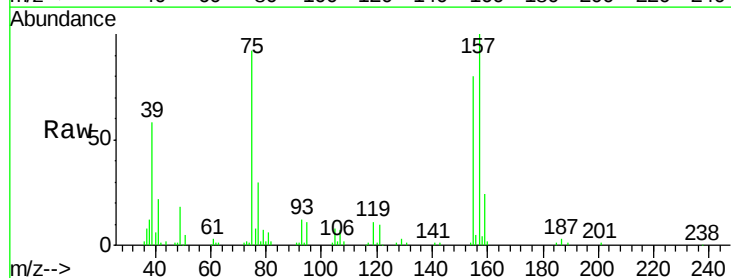
Tgt Ion: 75 Resp: 42089

Ion Ratio Lower Upper

75 100

155 87.0 66.8 100.2

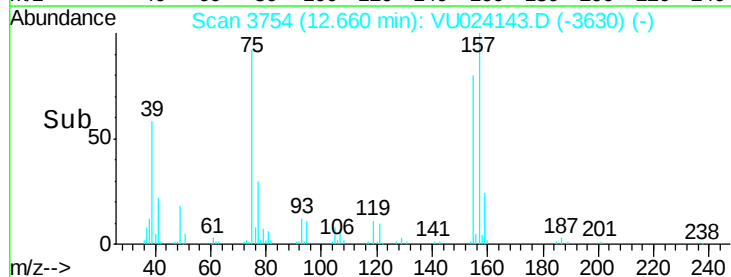
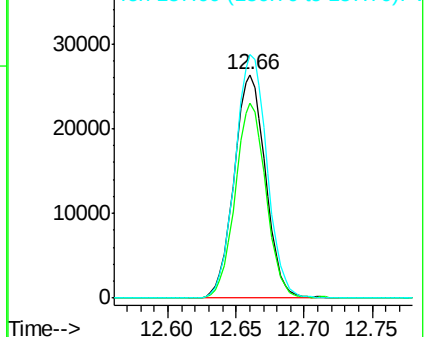
157 109.0 84.8 127.2

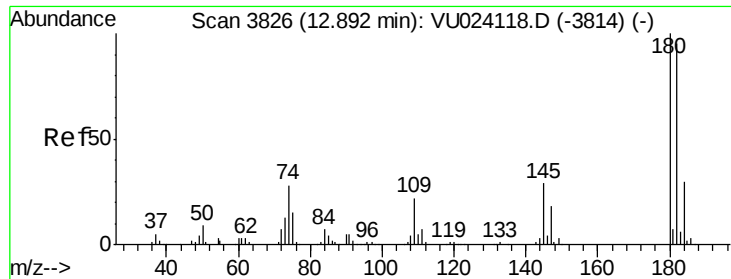


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

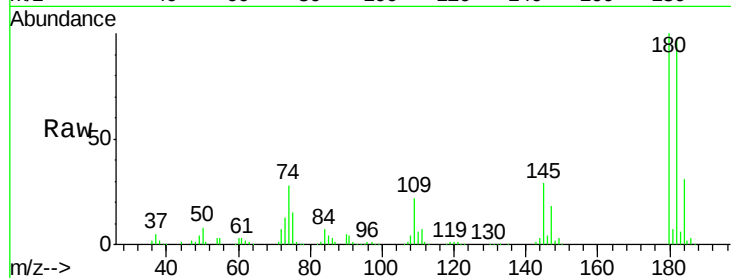
Ion 157.00 (156.70 to 157.70): V



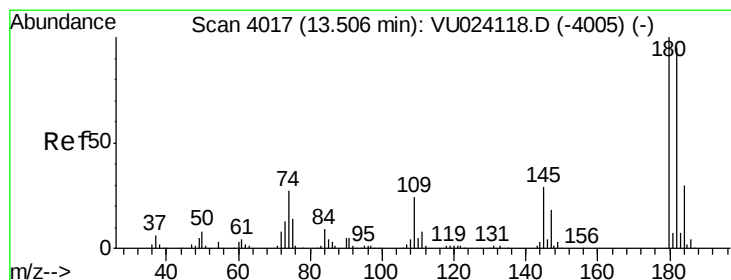
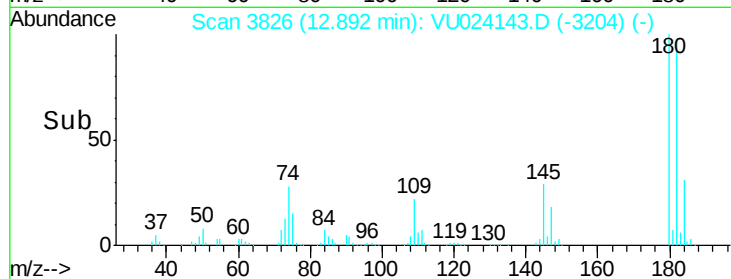
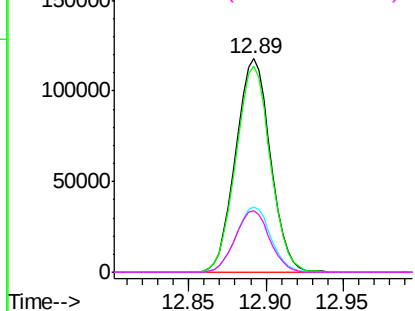


#67
 1,3,5-Trichlorobenzene
 Concen: 53.06 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. 0.00 min
 Lab File: VU024143.D
 Acq: 26 May 2018 13:51

Tgt Ion:	180	Resp:	183679
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
184	30.6	24.6	36.8
145	28.4	23.4	35.0

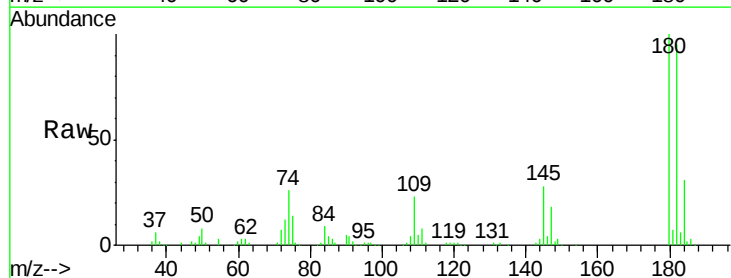


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

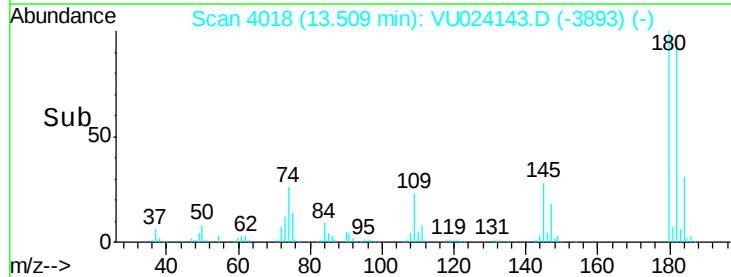
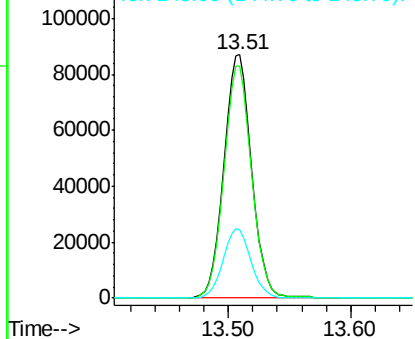


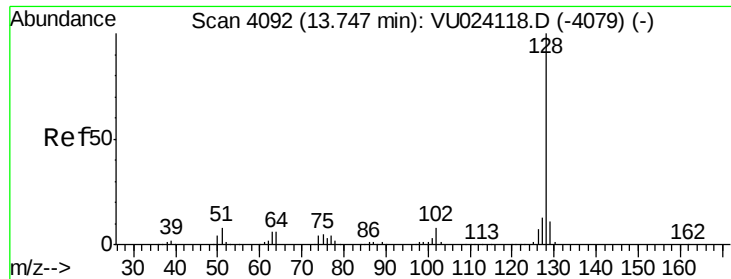
#68
 1,2,4-trichlorobenzene
 Concen: 55.66 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU024143.D
 Acq: 26 May 2018 13:51

Tgt Ion:	180	Resp:	139104
Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	28.8	23.4	35.0



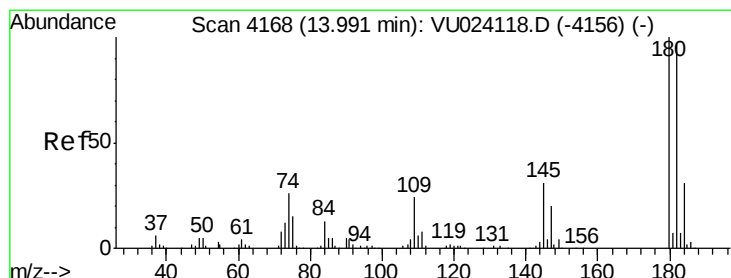
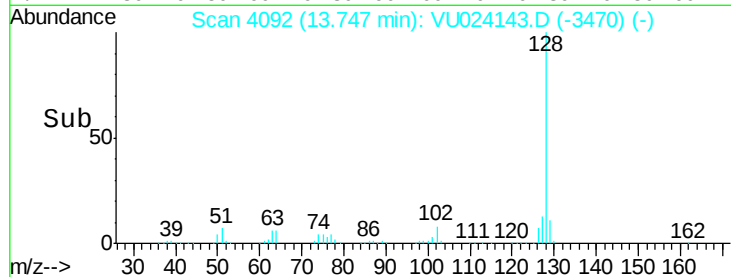
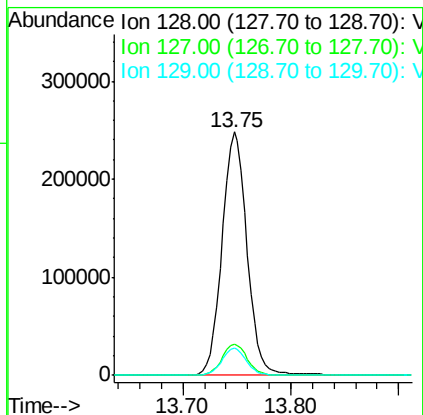
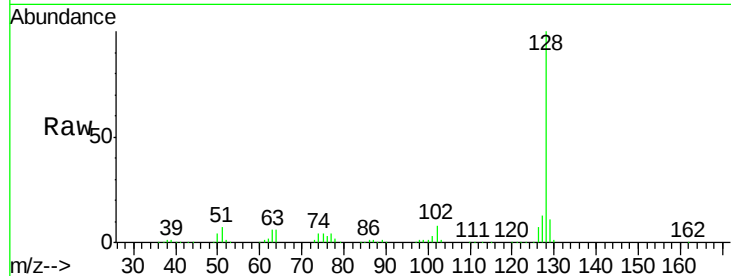
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 54.25 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU024143.D
Acq: 26 May 2018 13:51

Tgt Ion:128 Resp: 399277
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 56.31 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU024143.D
Acq: 26 May 2018 13:51

Tgt Ion:180 Resp: 158345
Ion Ratio Lower Upper
180 100
182 94.3 75.8 113.6
145 30.7 24.5 36.7

