

Data File : VU024235.D
Acq On : 30 May 2018 12:05
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 31 03:50:14 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 30 04:34:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	309974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	298478	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	143904	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94615	40.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.30%
7) Chloroethane-d5	1.67	69	84042	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.82%
11) 1,1-Dichloroethene-d2	2.27	63	192735	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.94%
21) 2-Butanone-d5	4.18	46	189977	101.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.41%
24) Chloroform-d	4.65	84	206853	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.96%
26) 1,2-Dichloroethane-d4	5.31	65	132612	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
32) Benzene-d6	5.34	84	396825	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
36) 1,2-Dichloropropane-d6	6.33	67	136253	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.26%
41) Toluene-d8	7.57	98	360448	47.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.16%
43) trans-1,3-Dichloropropene-	7.85	79	56231	49.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.90%
47) 2-Hexanone-d5	8.31	63	136722	101.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.22%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	218131	52.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	152865	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	156720	50.76	ug/L	99
3) Chloromethane	1.33	50	167464	48.79	ug/L	100
5) Vinyl chloride	1.40	62	162774	50.00	ug/L	100
6) Bromomethane	1.61	94	83141	49.50	ug/L	100
8) Chloroethane	1.69	64	98246	50.97	ug/L	99
9) Trichlorofluoromethane	1.88	101	190681	50.72	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	120453	52.82	ug/L	99
12) 1,1-Dichloroethene	2.28	96	107678	50.58	ug/L	90
13) Acetone	2.32	43	196080	120.09	ug/L	99
14) Carbon disulfide	2.47	76	340639	49.34	ug/L	99
15) Methyl Acetate	2.62	43	149064	50.09	ug/L	99
16) Methylene chloride	2.70	84	133751	50.49	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	114431	51.25	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	357778	53.13	ug/L	99
19) 1,1-Dichloroethane	3.45	63	232280	51.64	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	131884	52.83	ug/L	97
22) 2-Butanone	4.26	43	230294	107.56	ug/L	100

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ALS Vial : 2 Sample Multiplier: 1

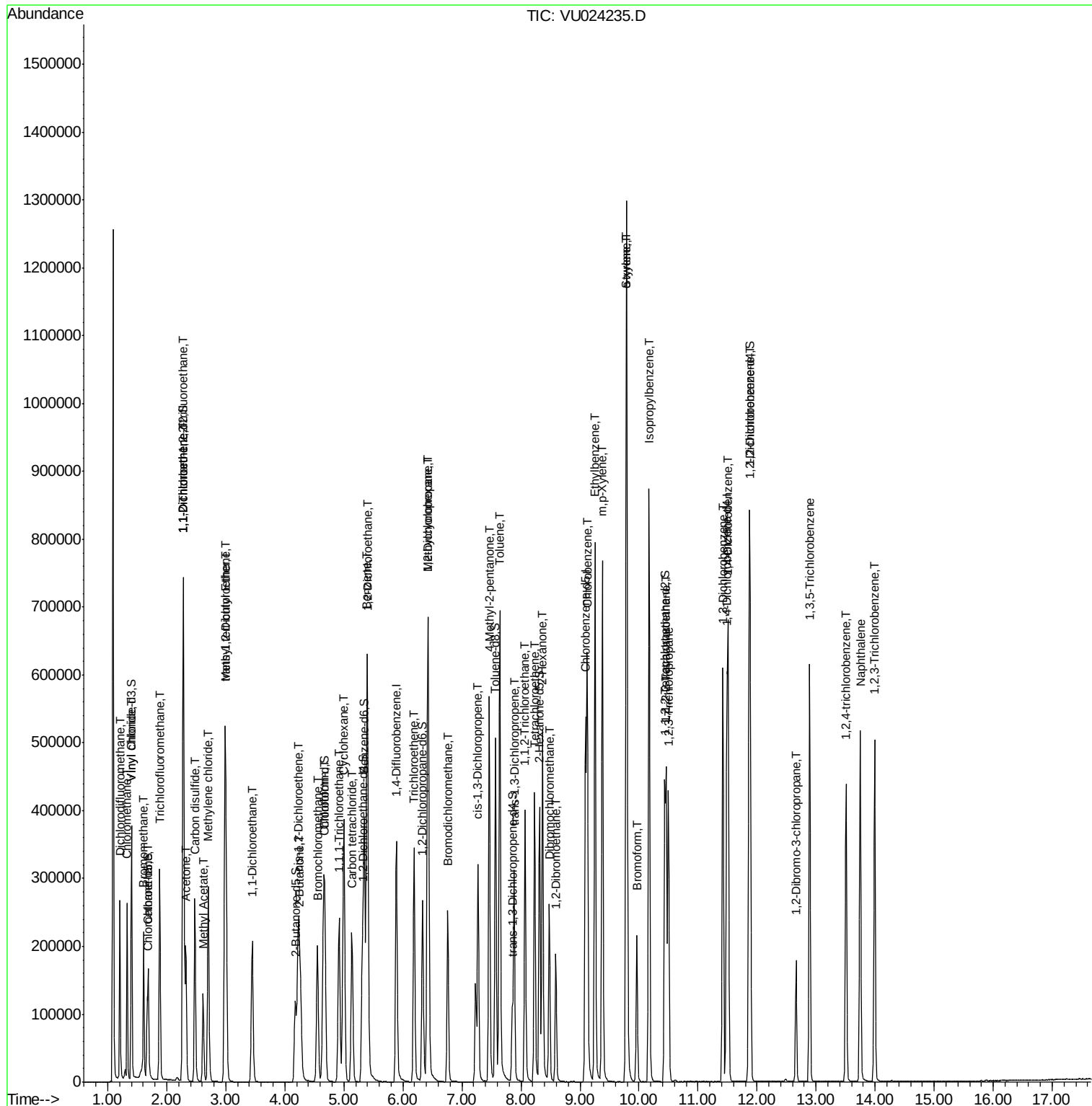
Quant Time: May 31 03:50:14 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
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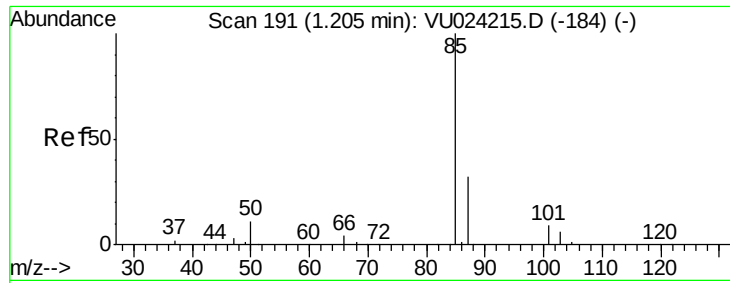
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	68436	52.77	ug/L	97
25) Chloroform	4.68	83	226549	51.35	ug/L	98
27) 1,2-Dichloroethane	5.41	62	182293	52.03	ug/L	100
29) Cyclohexane	5.00	56	204777	52.26	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	186067	52.47	ug/L	98
31) Carbon tetrachloride	5.14	117	162646	52.38	ug/L	100
33) Benzene	5.39	78	512000	51.53	ug/L	100
34) Trichloroethene	6.19	95	123298	44.17	ug/L	99
35) Methylcyclohexane	6.42	83	202857	52.52	ug/L	98
37) 1,2-Dichloropropane	6.44	63	145167	52.10	ug/L	100
38) Bromodichloromethane	6.76	83	167852	51.26	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	195851	53.24	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	380703	100.77	ug/L	100
42) Toluene	7.64	91	534075	52.94	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	172681	52.70	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	128485	51.86	ug/L	99
46) Tetrachloroethene	8.23	164	100510	51.48	ug/L	99
48) 2-Hexanone	8.36	43	318445	106.84	ug/L	99
49) Dibromochloromethane	8.48	129	135360	51.94	ug/L	100
50) 1,2-Dibromoethane	8.59	107	128768	51.66	ug/L	99
51) Chlorobenzene	9.12	112	341125	52.10	ug/L	99
52) Ethylbenzene	9.26	91	568614	53.33	ug/L	100
53) m,p-Xylene	9.38	106	225502	55.82	ug/L	98
54) o-xylene	9.78	106	221426	54.73	ug/L	97
55) Styrene	9.80	104	376290	56.27	ug/L	99
56) Isopropylbenzene	10.17	105	560336	54.72	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	224461	51.51	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	180303	51.70	ug/L	99
61) Bromoform	9.96	173	100172	49.24	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	251282	52.15	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	257545	52.24	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	278285	52.28	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	44632	47.15	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	194477	54.68	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	141108	54.96	ug/L	99
69) Naphthalene	13.75	128	405250	53.59	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	159875	55.34	ug/L	99

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

ALS Vial : 2 Sample Multiplier: 1

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 50.76 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024235.D

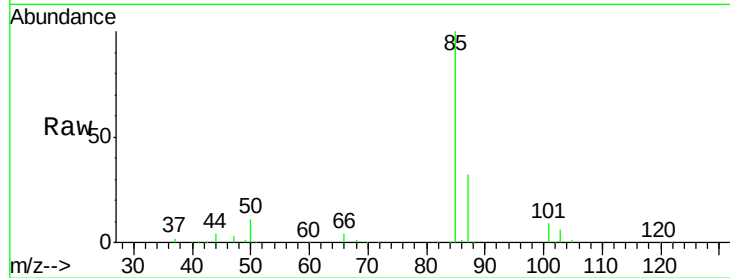
Acq: 30 May 2018 12:05

Tgt Ion: 85 Resp: 156720

Ion Ratio Lower Upper

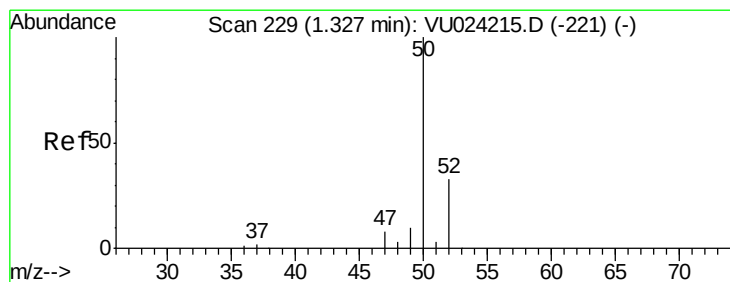
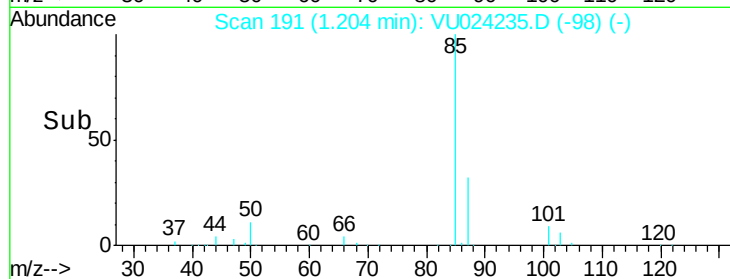
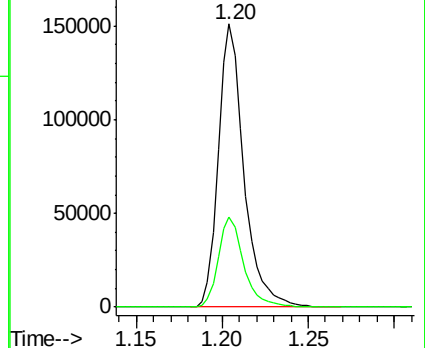
85 100

87 31.7 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: 48.79 ug/L

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024235.D

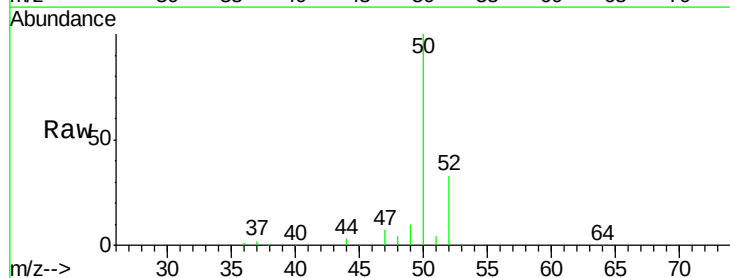
Acq: 30 May 2018 12:05

Tgt Ion: 50 Resp: 167464

Ion Ratio Lower Upper

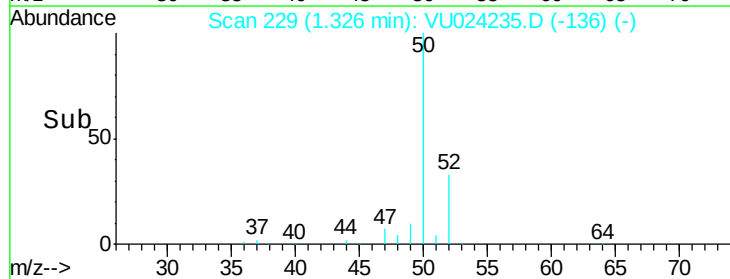
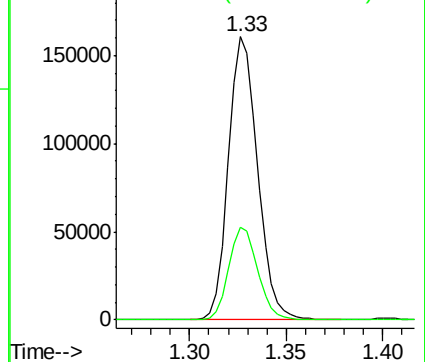
50 100

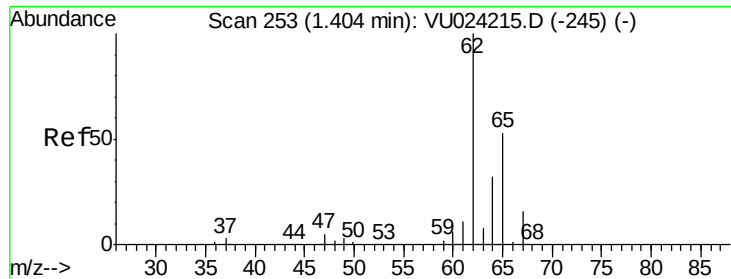
52 32.8 22.9 42.5



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 50.00 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024235.D

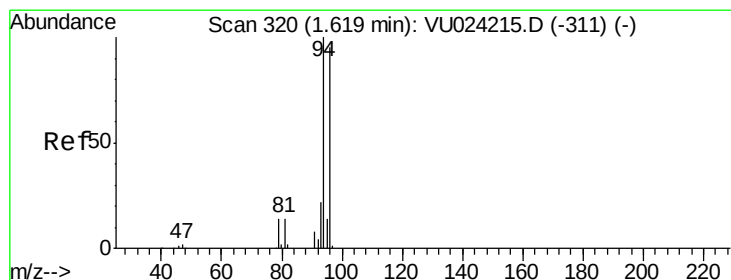
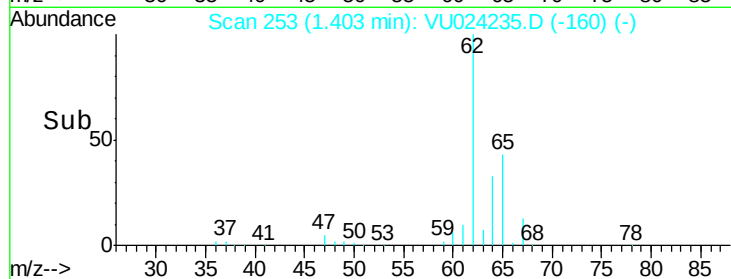
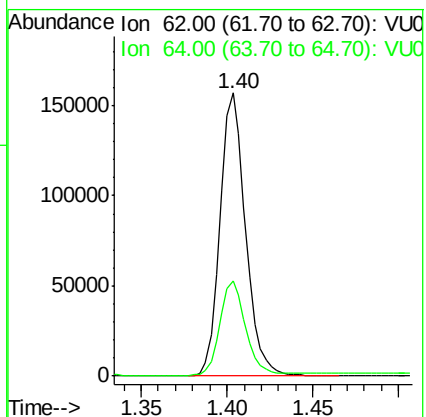
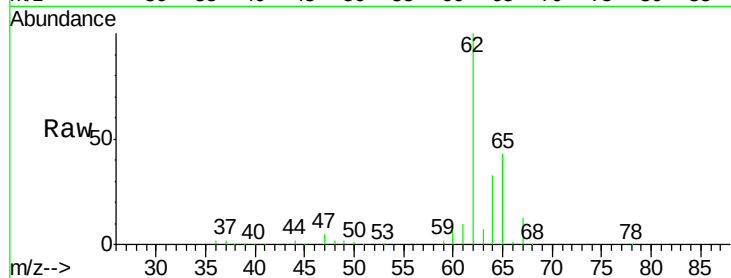
Acq: 30 May 2018 12:05

Tgt Ion: 62 Resp: 162774

Ion Ratio Lower Upper

62 100

64 33.5 23.5 43.7



#6

Bromomethane

Concen: 49.50 ug/L

RT: 1.61 min Scan# 316

Delta R.T. -0.01 min

Lab File: VU024235.D

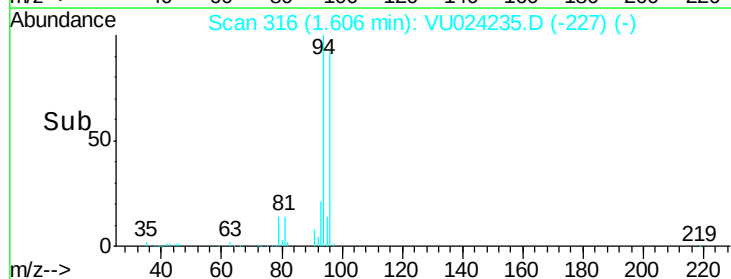
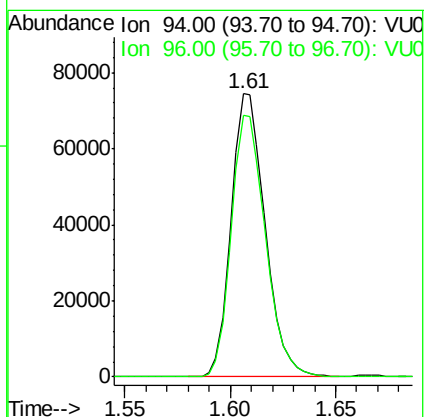
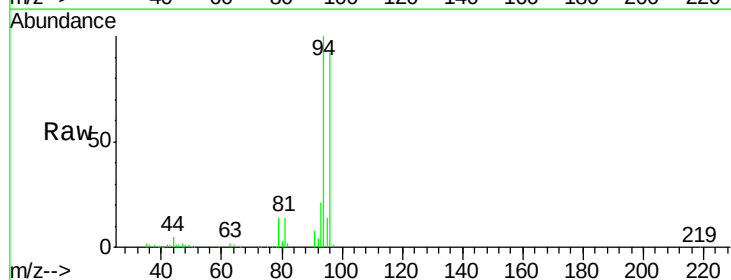
Acq: 30 May 2018 12:05

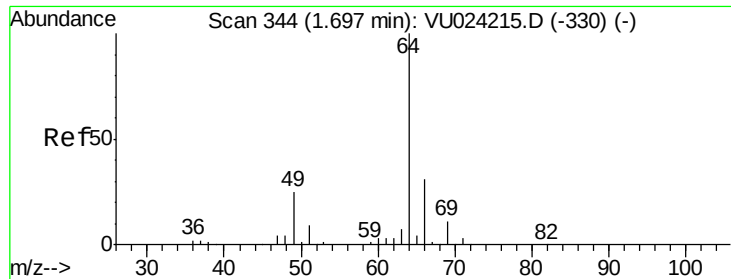
Tgt Ion: 94 Resp: 83141

Ion Ratio Lower Upper

94 100

96 92.2 64.6 120.0





#8

Chloroethane

Concen: 50.97 ug/L

RT: 1.69 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU024235.D

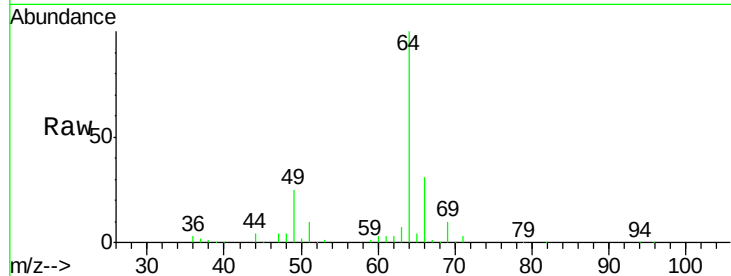
Acq: 30 May 2018 12:05

Tgt Ion: 64 Resp: 98246

Ion Ratio Lower Upper

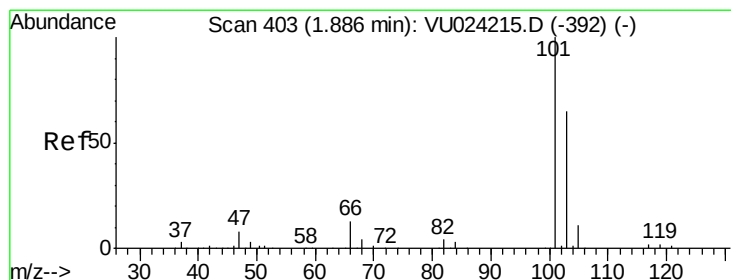
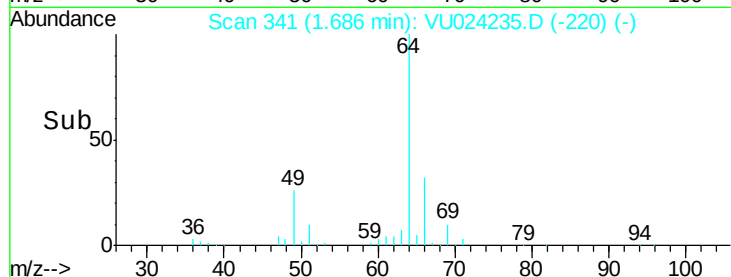
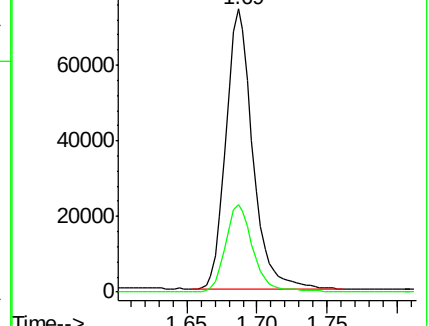
64 100

66 30.8 22.0 40.8



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



#9

Trichlorofluoromethane

Concen: 50.72 ug/L

RT: 1.88 min Scan# 401

Delta R.T. -0.01 min

Lab File: VU024235.D

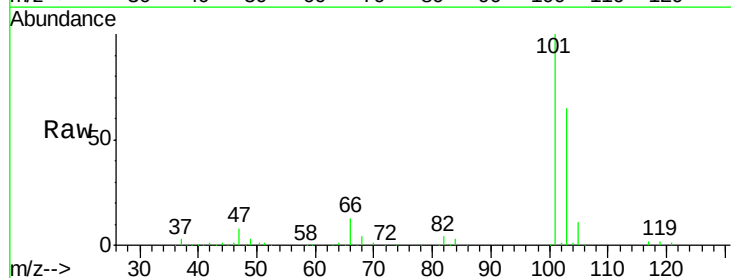
Acq: 30 May 2018 12:05

Tgt Ion: 101 Resp: 190681

Ion Ratio Lower Upper

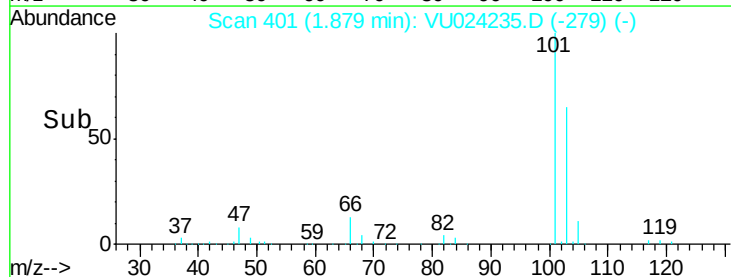
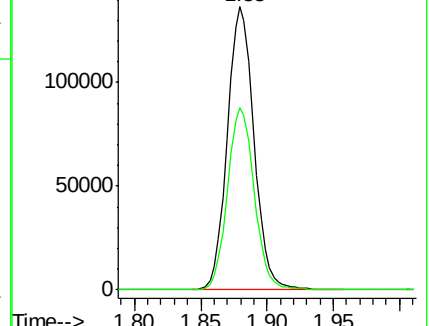
101 100

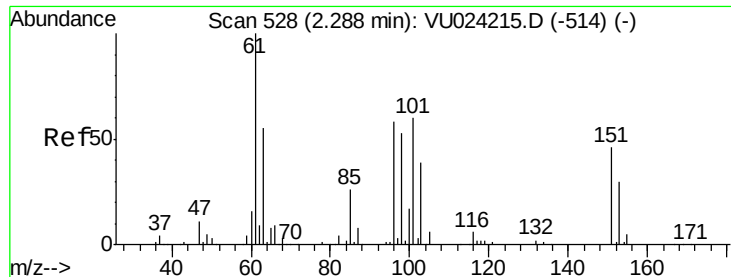
103 64.9 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 52.82 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU024235.D

Acq: 30 May 2018 12:05

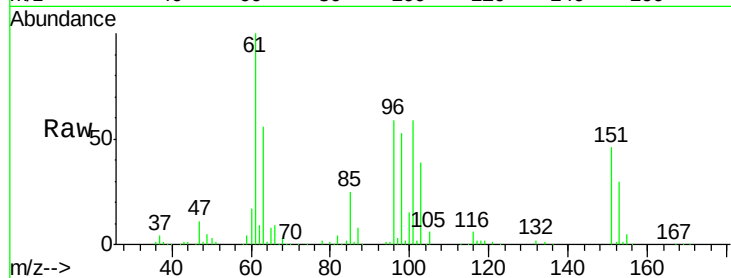
Tgt Ion: 101 Resp: 120453

Ion Ratio Lower Upper

101 100

85 43.0 35.0 52.6

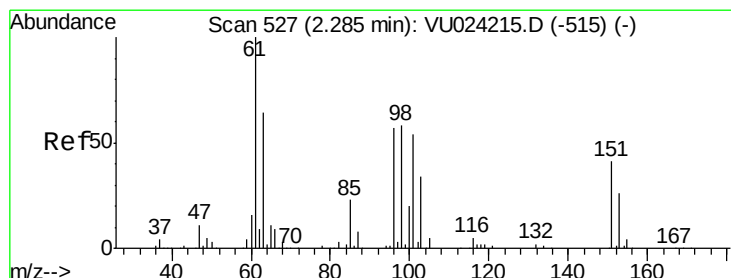
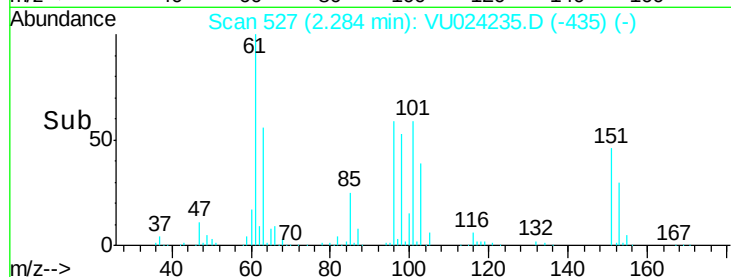
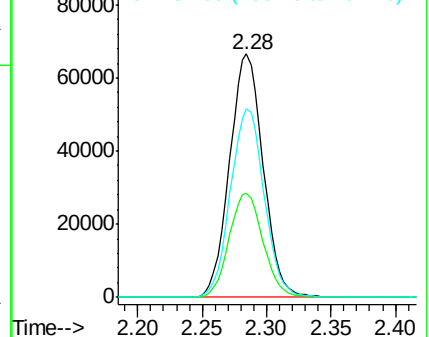
151 77.7 61.9 92.9



Abundance Ion 101.00 (100.70 to 101.70): VU024235.D (-514) (-)

Ion 85.00 (84.70 to 85.70): VU024235.D (-514) (-)

Ion 151.00 (150.70 to 151.70): VU024235.D (-514) (-)



#12

1,1-Dichloroethene

Concen: 50.58 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU024235.D

Acq: 30 May 2018 12:05

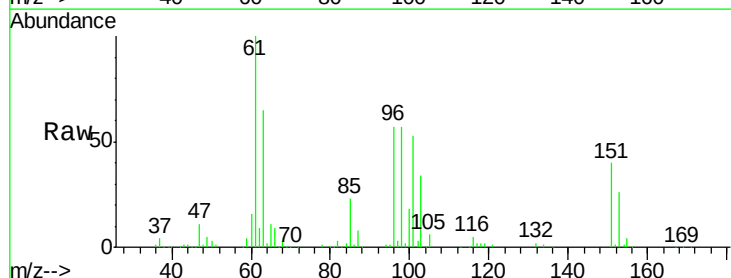
Tgt Ion: 96 Resp: 107678

Ion Ratio Lower Upper

96 100

61 174.8 124.2 230.6

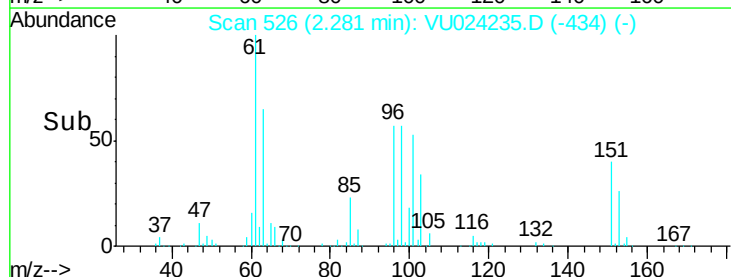
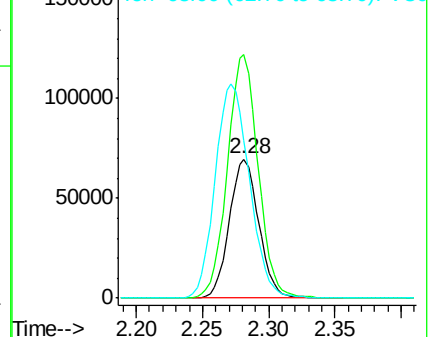
63 113.4 96.4 179.0

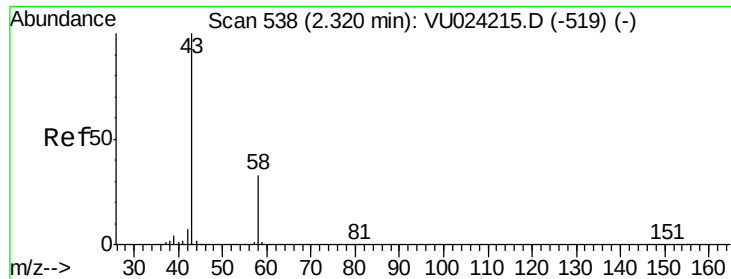


Abundance Ion 96.00 (95.70 to 96.70): VU024235.D (-515) (-)

Ion 61.00 (60.70 to 61.70): VU024235.D (-515) (-)

Ion 63.00 (62.70 to 63.70): VU024235.D (-515) (-)





#13

Acetone

Concen: 120.09 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024235.D

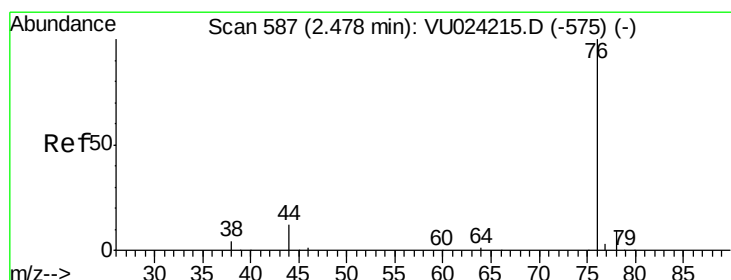
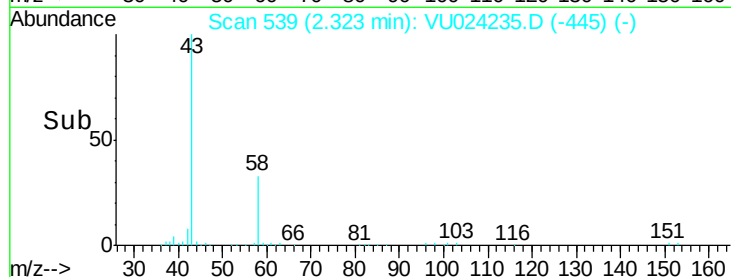
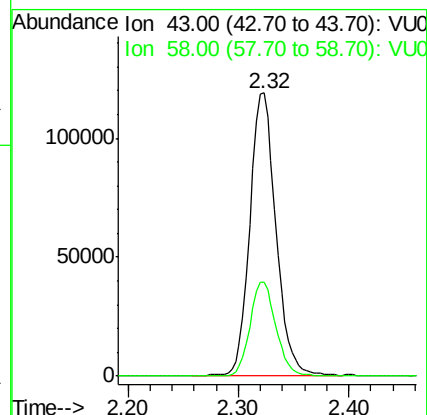
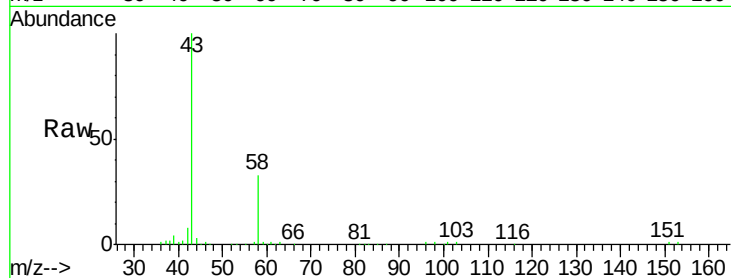
Acq: 30 May 2018 12:05

Tgt Ion: 43 Resp: 196080

Ion Ratio Lower Upper

43 100 0.0 64.4

58 33.0 0.0 64.4



#14

Carbon disulfide

Concen: 49.34 ug/L

RT: 2.47 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU024235.D

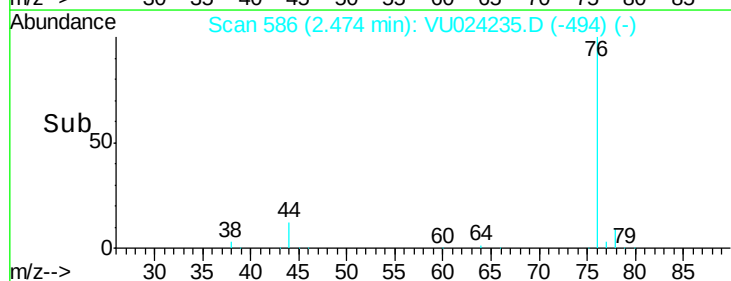
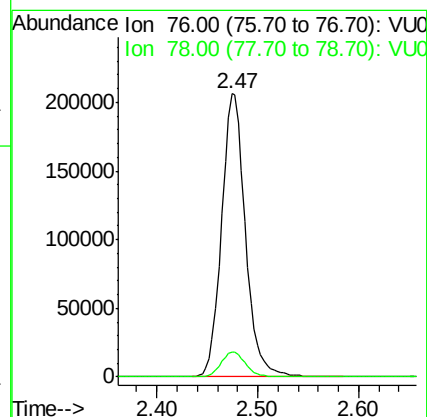
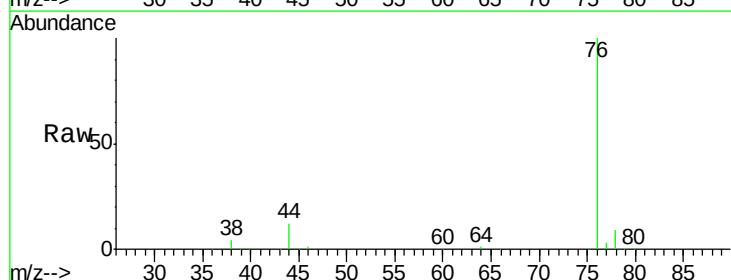
Acq: 30 May 2018 12:05

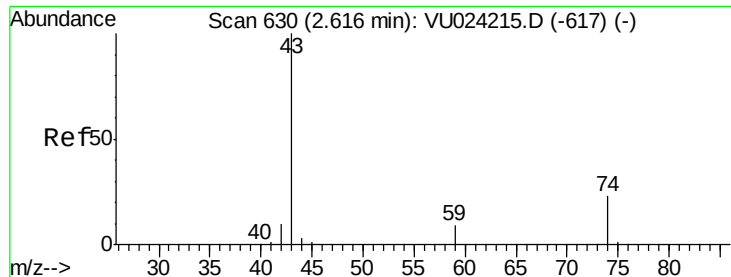
Tgt Ion: 76 Resp: 340639

Ion Ratio Lower Upper

76 100 7.4 11.0

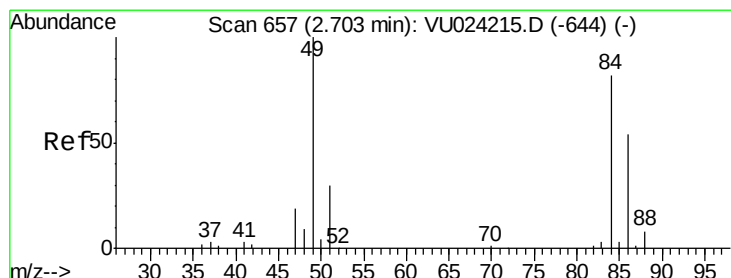
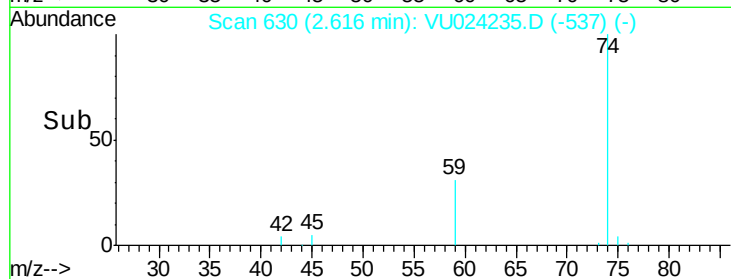
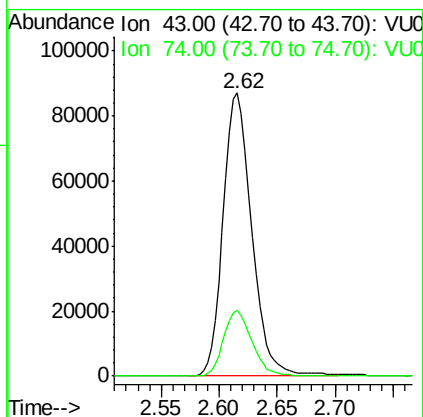
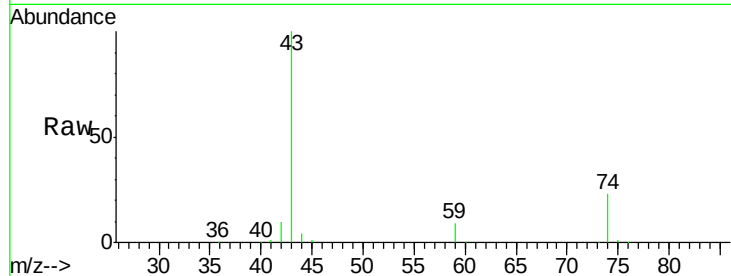
78 9.0 7.4 11.0





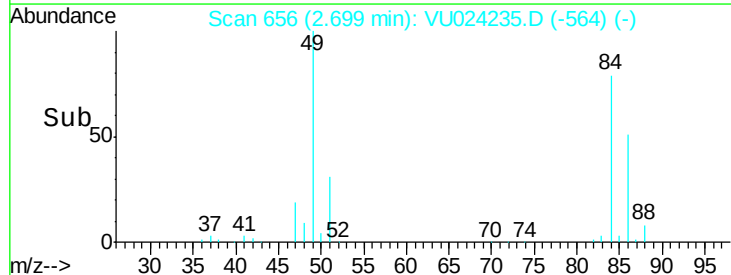
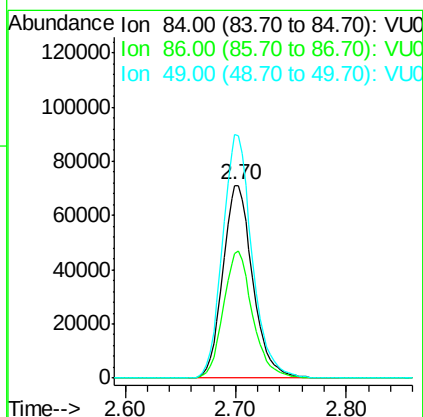
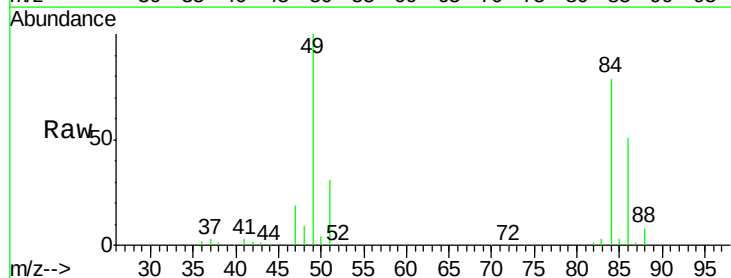
#15
Methyl Acetate
Concen: 50.09 ug/L
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024235.D
Acq: 30 May 2018 12:05

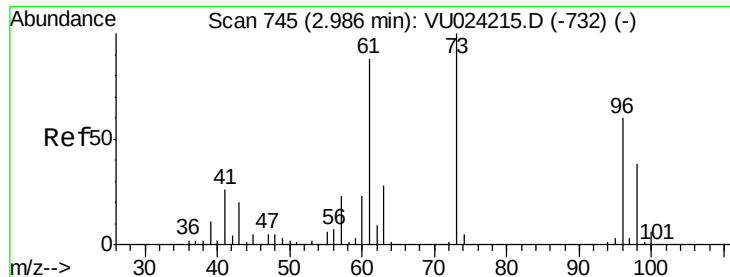
Tgt Ion: 43 Resp: 149064
Ion Ratio Lower Upper
43 100
74 23.0 18.6 28.0



#16
Methylene chloride
Concen: 50.49 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU024235.D
Acq: 30 May 2018 12:05

Tgt Ion: 84 Resp: 133751
Ion Ratio Lower Upper
84 100
86 64.7 45.4 84.2
49 126.3 87.4 162.2





#17

trans-1,2-Dichloroethene

Concen: 51.25 ug/L

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU024235.D

Acq: 30 May 2018 12:05

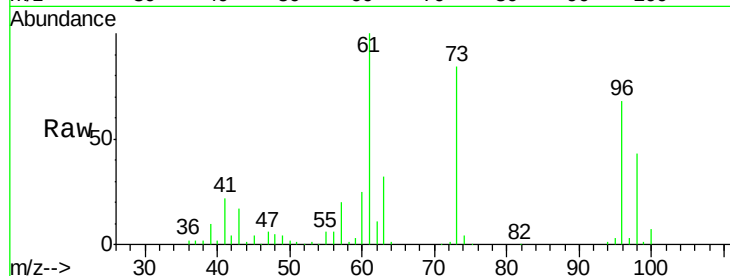
Tgt Ion: 96 Resp: 114431

Ion Ratio Lower Upper

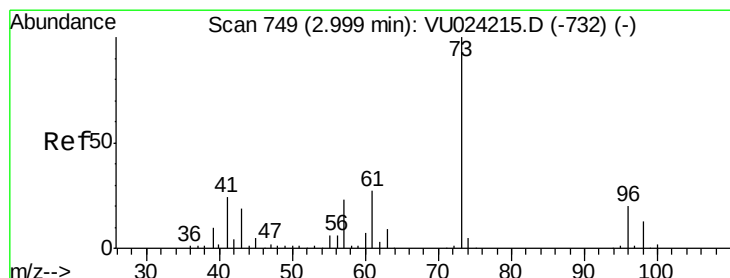
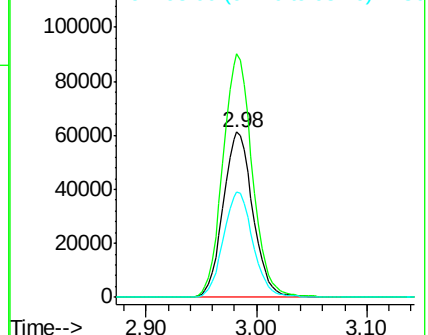
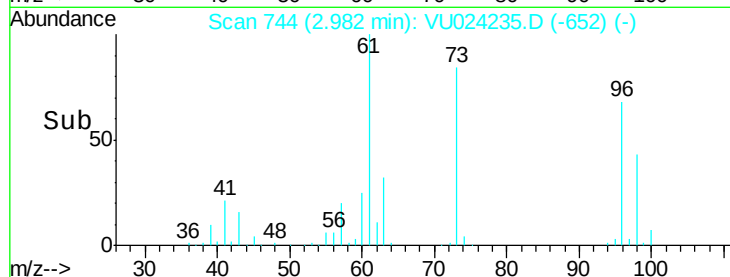
96 100

61 147.4 102.8 191.0

98 64.0 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: 53.13 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU024235.D

Acq: 30 May 2018 12:05

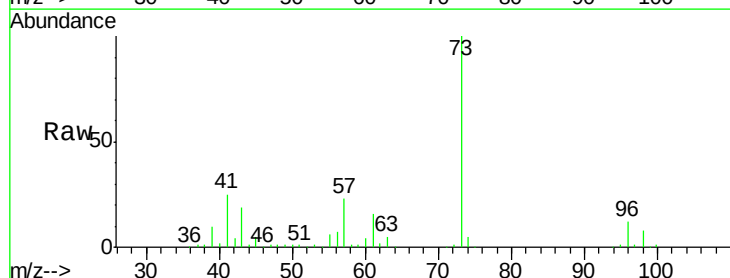
Tgt Ion: 73 Resp: 357778

Ion Ratio Lower Upper

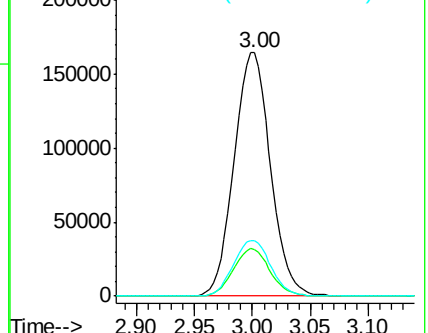
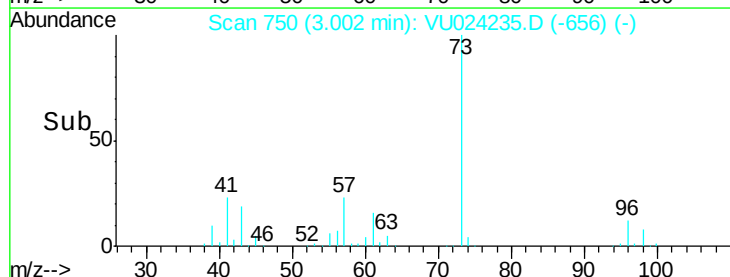
73 100

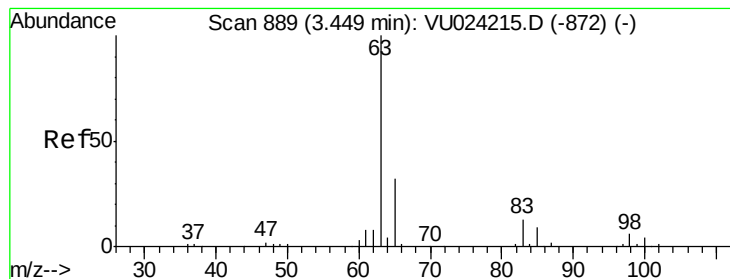
43 19.5 15.4 23.0

57 23.4 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: 51.64 ug/L

RT: 3.45 min Scan# 889

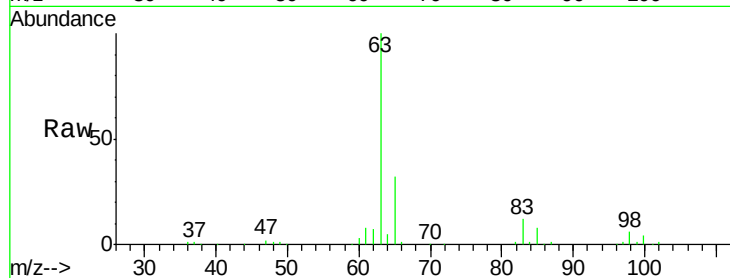
Delta R.T. -0.00 min

Lab File: VU024235.D

Acq: 30 May 2018 12:05

Tgt Ion: 63 Resp: 232280

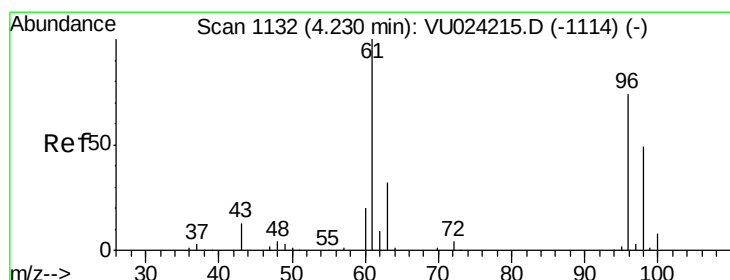
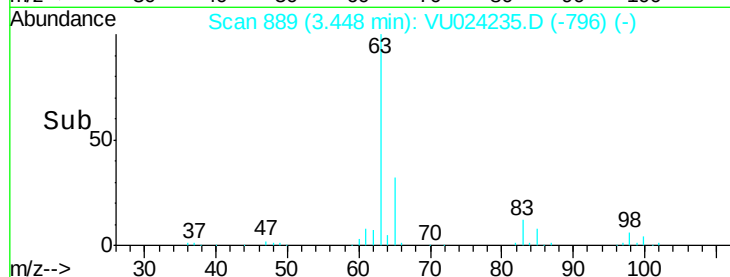
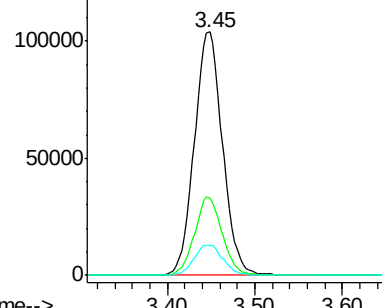
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.3	41.3
83	12.4	9.3	17.3



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: 52.83 ug/L

RT: 4.23 min Scan# 1131

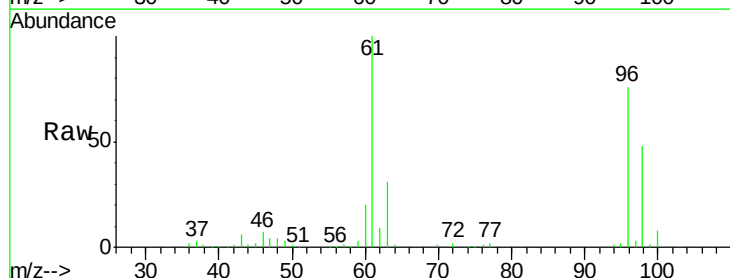
Delta R.T. -0.00 min

Lab File: VU024235.D

Acq: 30 May 2018 12:05

Tgt Ion: 96 Resp: 131884

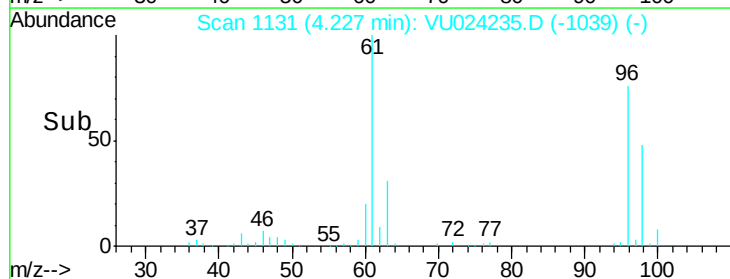
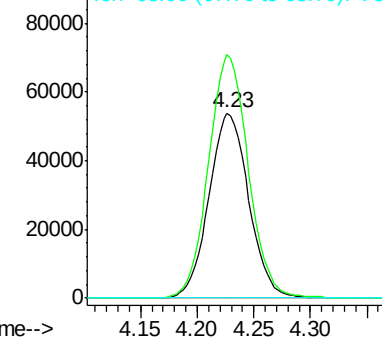
Ion	Ratio	Lower	Upper
96	100		
61	131.8	94.8	176.0
68	0.0	0.0	0.0

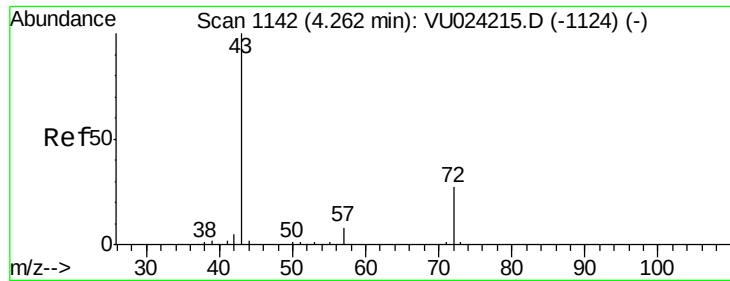


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 107.56 ug/L

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU024235.D

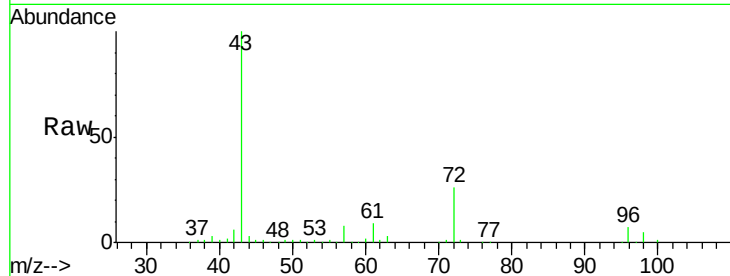
Acq: 30 May 2018 12:05

Tgt Ion: 43 Resp: 230294

Ion Ratio Lower Upper

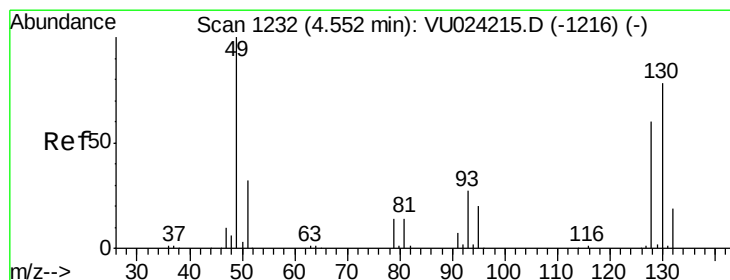
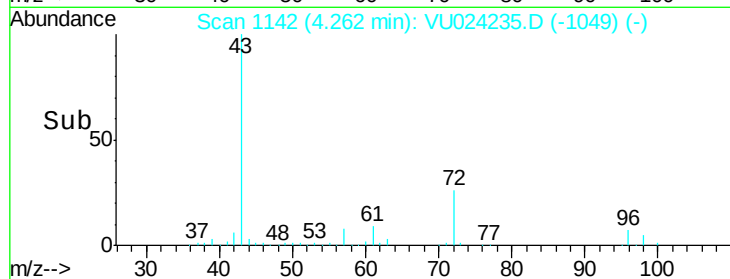
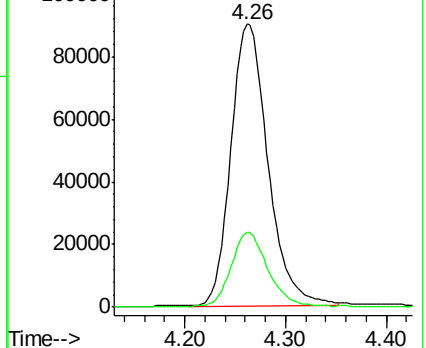
43 100

72 26.7 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: 52.77 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU024235.D

Acq: 30 May 2018 12:05

Tgt Ion: 128 Resp: 68436

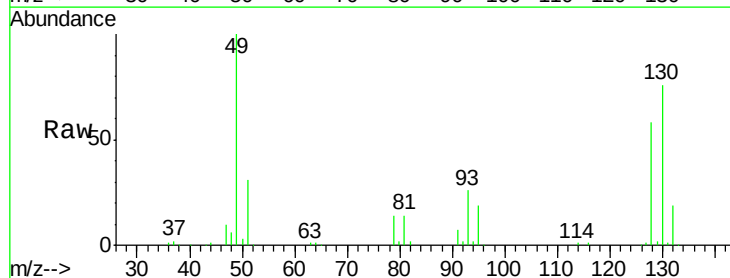
Ion Ratio Lower Upper

128 100

49 172.7 118.2 219.6

130 131.2 88.4 164.2

51 54.0 43.4 65.2

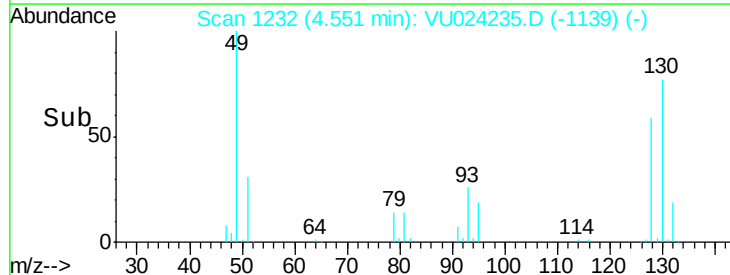
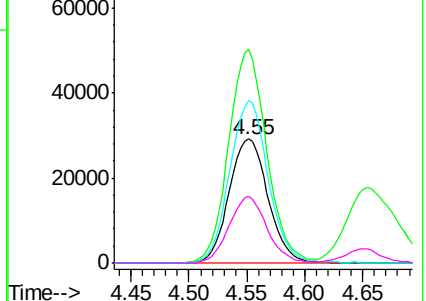


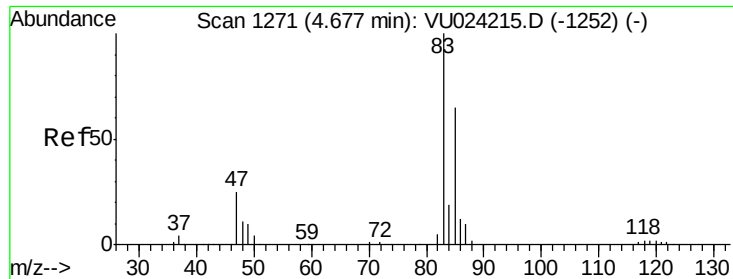
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V

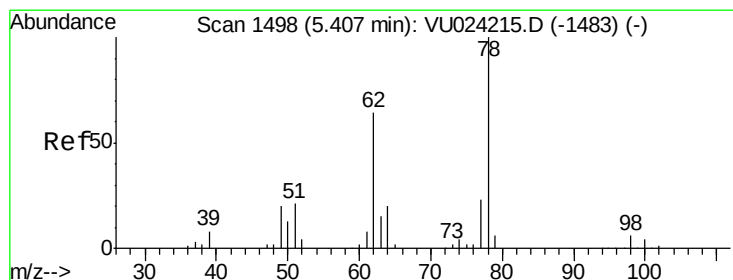
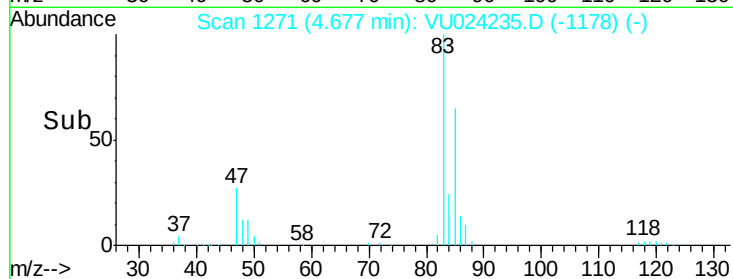
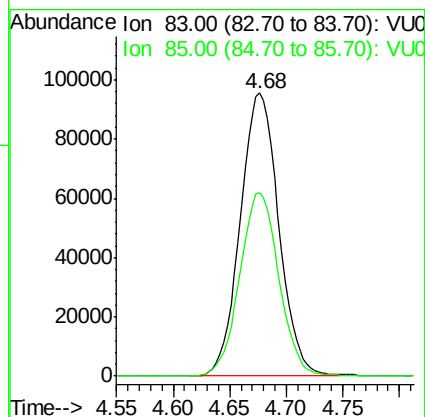
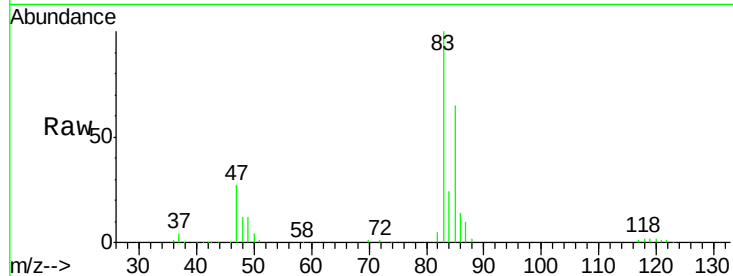
Ion 51.00 (50.70 to 51.70): VU0





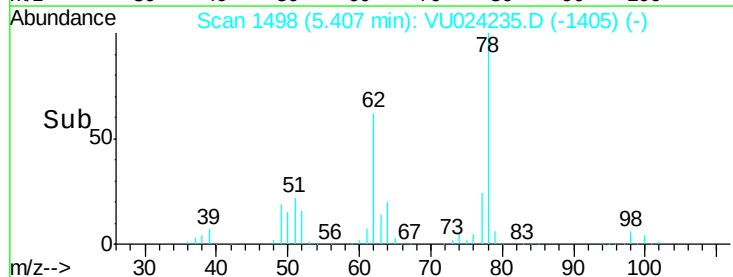
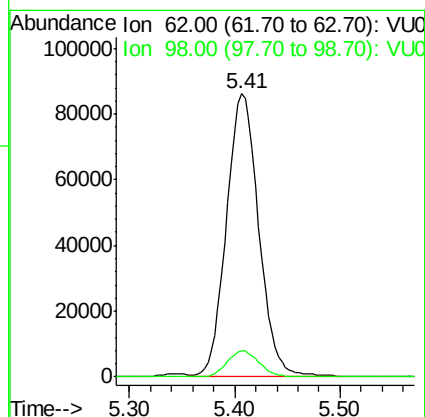
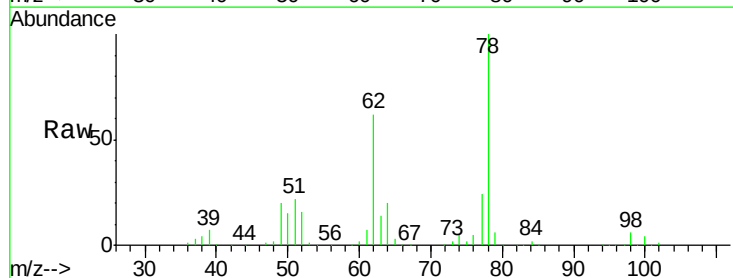
#25
Chloroform
Concen: 51.35 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024235.D
Acq: 30 May 2018 12:05

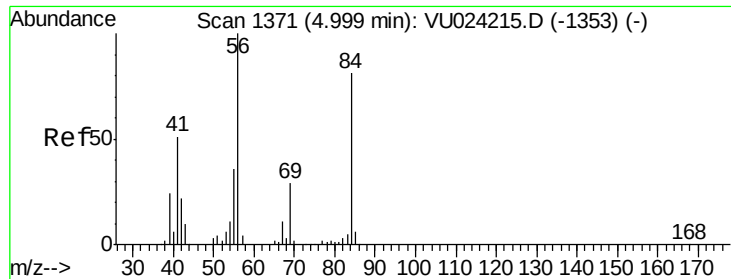
Tgt Ion: 83 Resp: 226549
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.4



#27
1,2-Dichloroethane
Concen: 52.03 ug/L
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024235.D
Acq: 30 May 2018 12:05

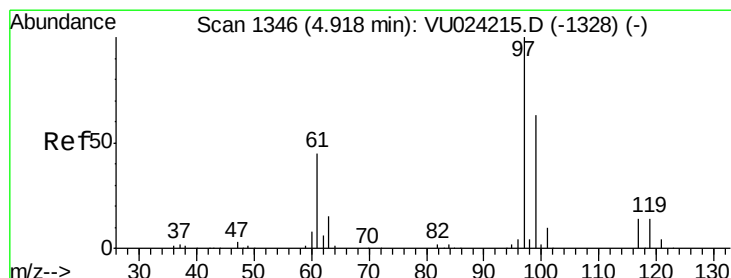
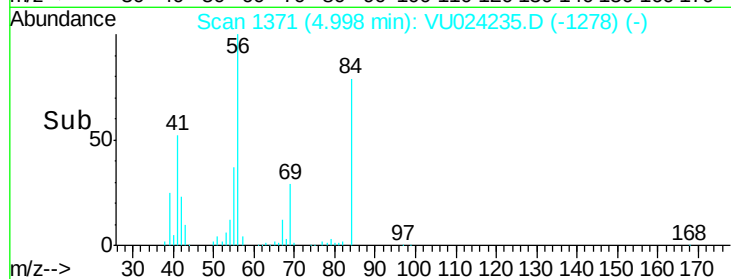
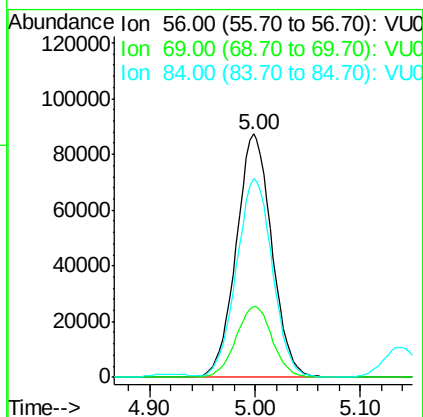
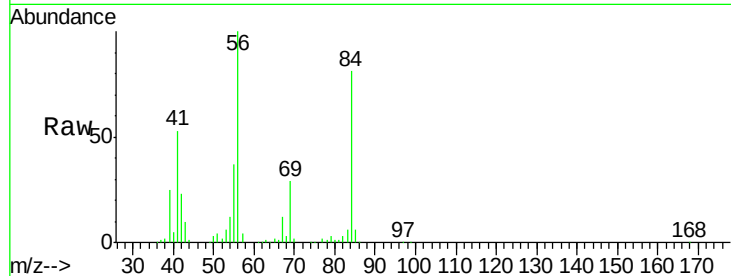
Tgt Ion: 62 Resp: 182293
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.0





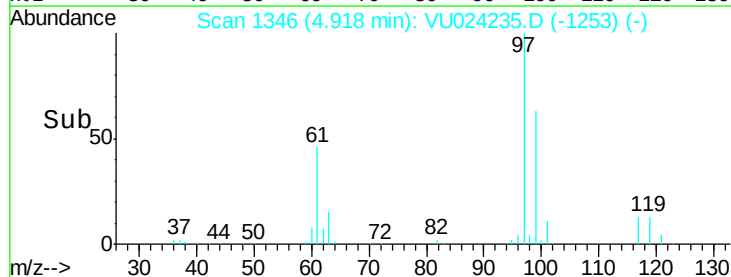
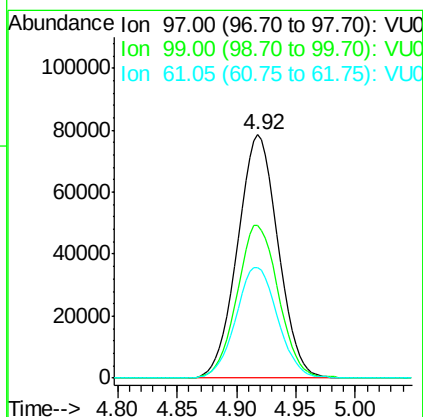
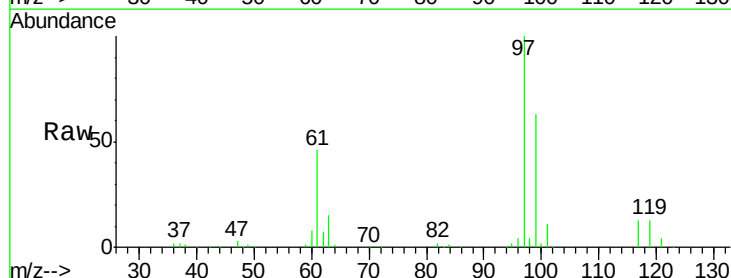
#29
Cyclohexane
Concen: 52.26 ug/L
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024235.D
Acq: 30 May 2018 12:05

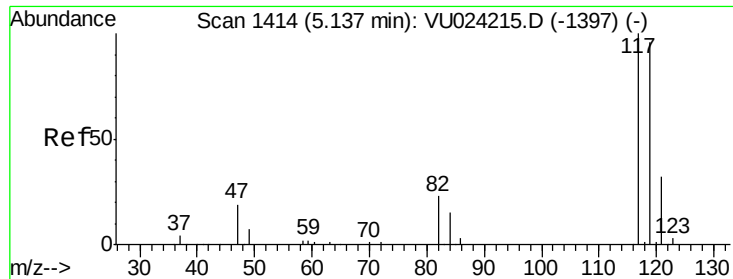
Tgt Ion: 56 Resp: 204777
Ion Ratio Lower Upper
56 100
69 29.7 23.9 35.9
84 82.9 66.0 99.0



#30
1,1,1-Trichloroethane
Concen: 52.47 ug/L
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024235.D
Acq: 30 May 2018 12:05

Tgt Ion: 97 Resp: 186067
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 46.8 39.0 58.6





#31

Carbon tetrachloride

Concen: 52.38 ug/L

RT: 5.14 min Scan# 1414

Delta R.T. -0.00 min

Lab File: VU024235.D

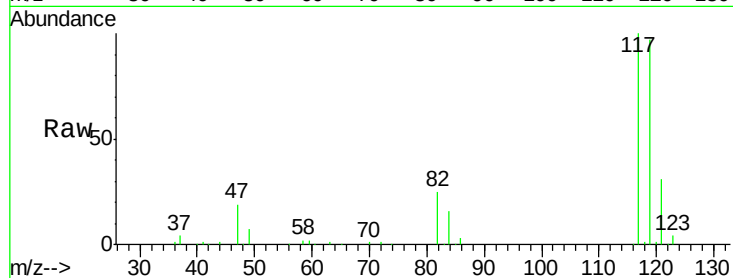
Acq: 30 May 2018 12:05

Tgt Ion:117 Resp: 162646

Ion Ratio Lower Upper

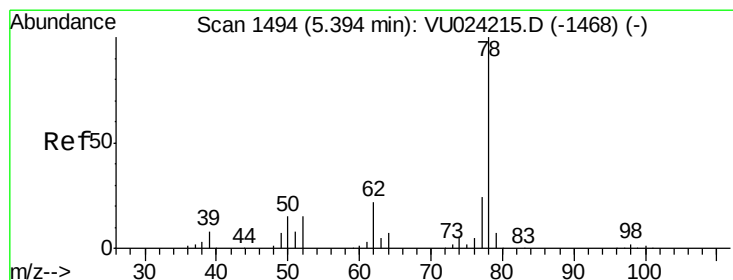
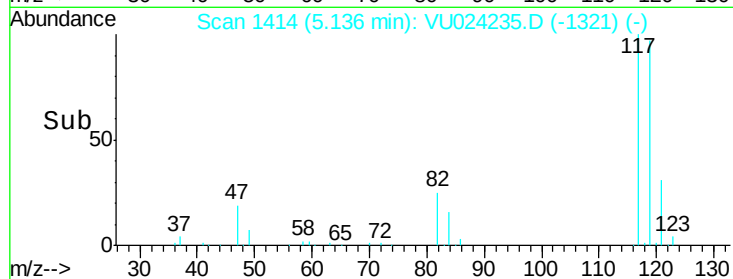
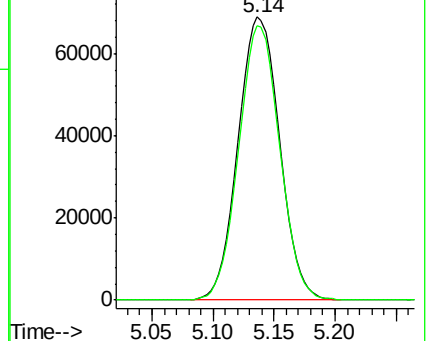
117 100

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: 51.53 ug/L

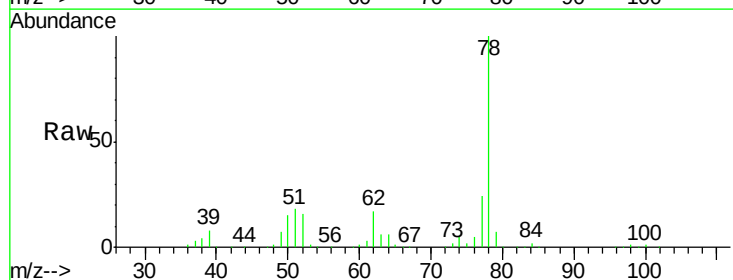
RT: 5.39 min Scan# 1493

Delta R.T. -0.00 min

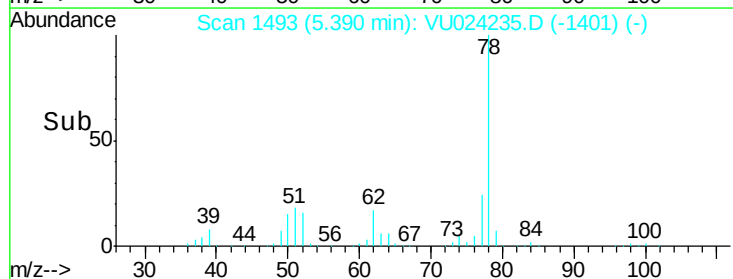
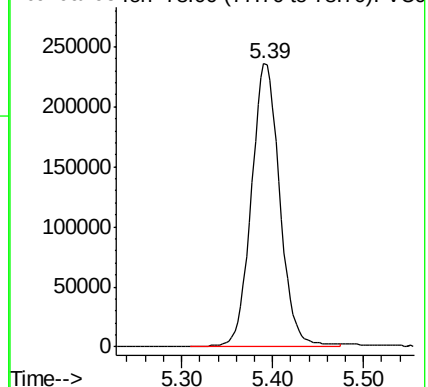
Lab File: VU024235.D

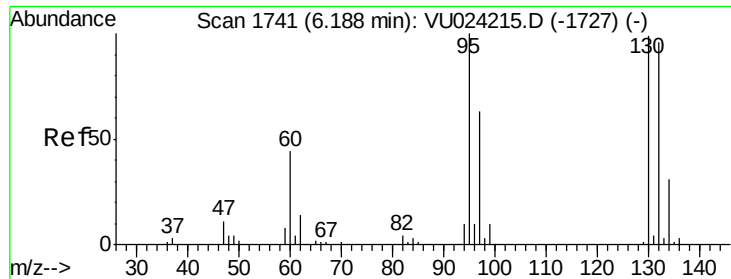
Acq: 30 May 2018 12:05

Tgt Ion: 78 Resp: 512000



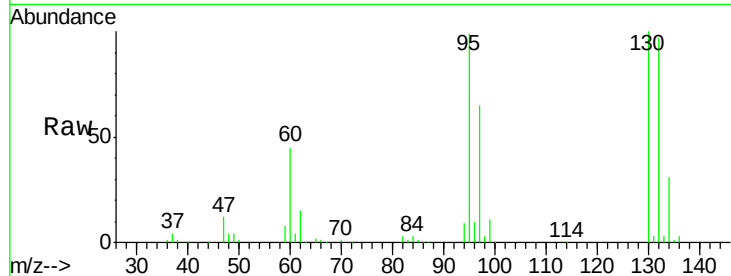
Abundance Ion 78.00 (77.70 to 78.70): VU0



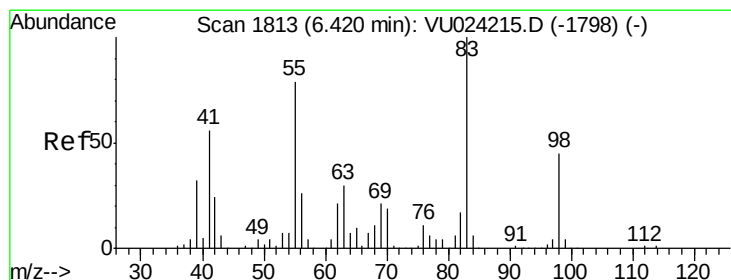
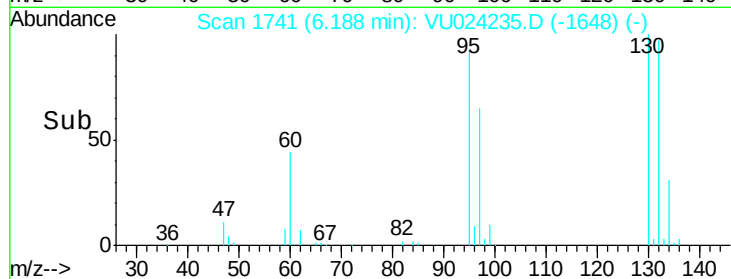
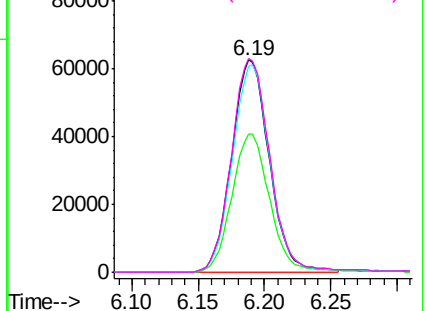


#34
 Trichloroethene
 Concen: 44.17 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU024235.D
 Acq: 30 May 2018 12:05

Tgt Ion:	95	Resp:	123298
Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.5	82.7
132	97.1	69.0	128.2
130	100.6	70.6	131.0

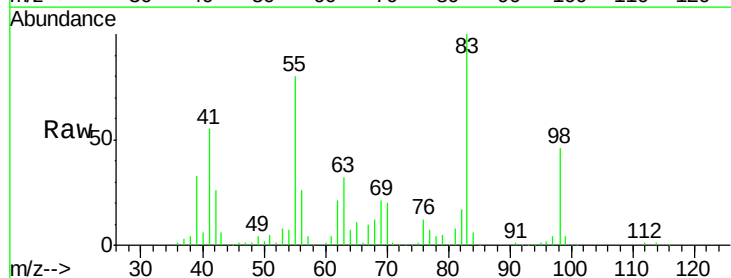


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

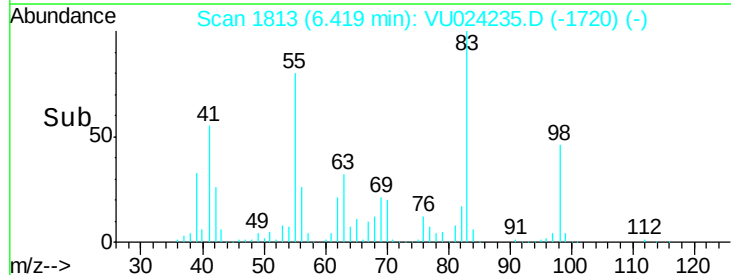
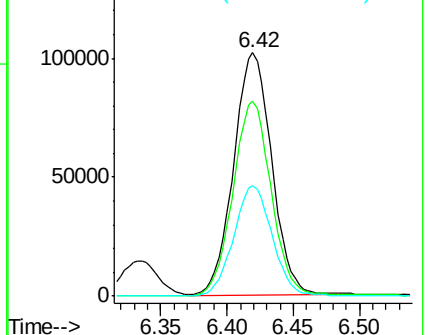


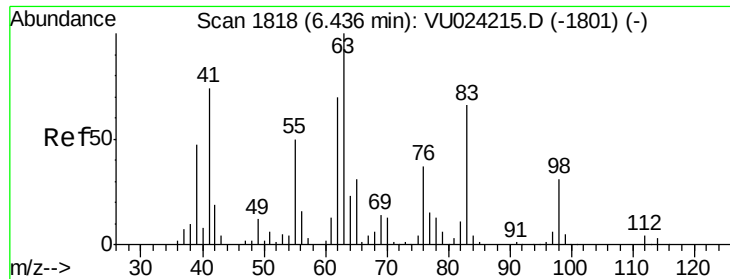
#35
 Methylcyclohexane
 Concen: 52.52 ug/L
 RT: 6.42 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VU024235.D
 Acq: 30 May 2018 12:05

Tgt Ion:	83	Resp:	202857
Ion	Ratio	Lower	Upper
83	100		
55	81.3	64.1	96.1
98	46.4	35.8	53.8



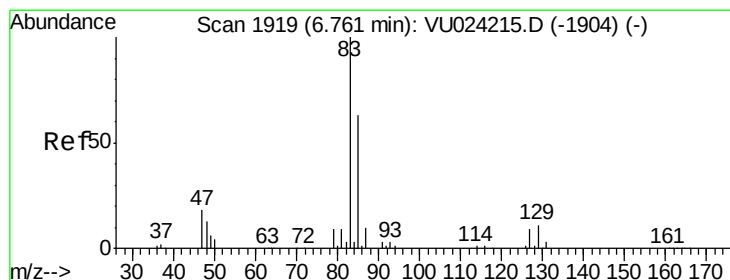
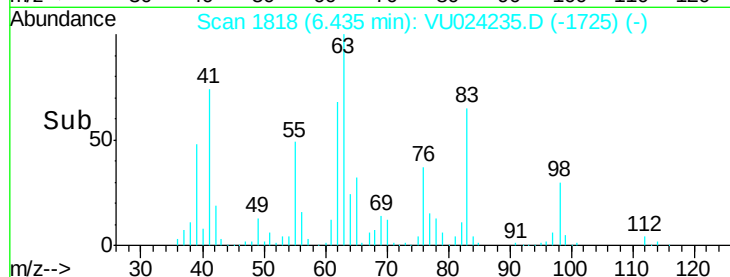
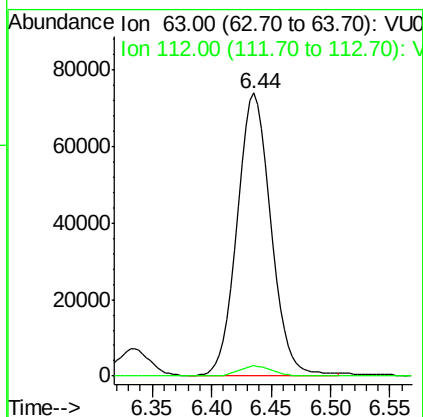
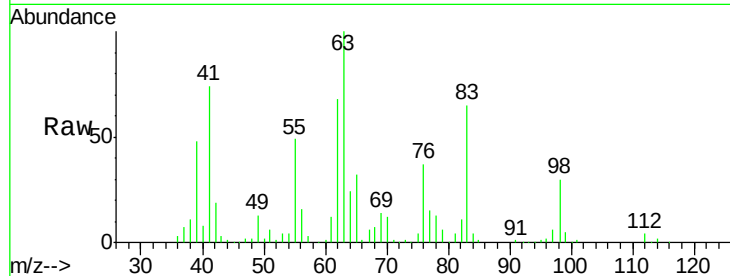
Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





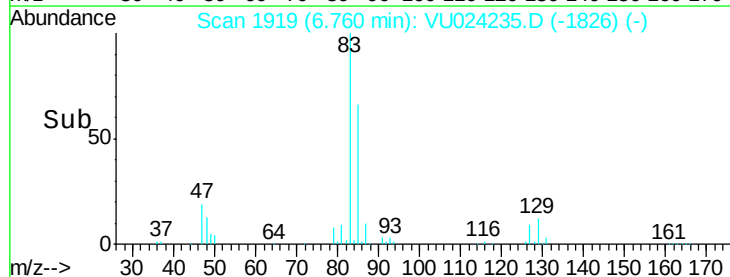
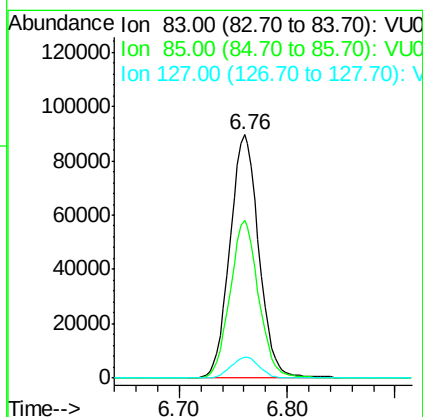
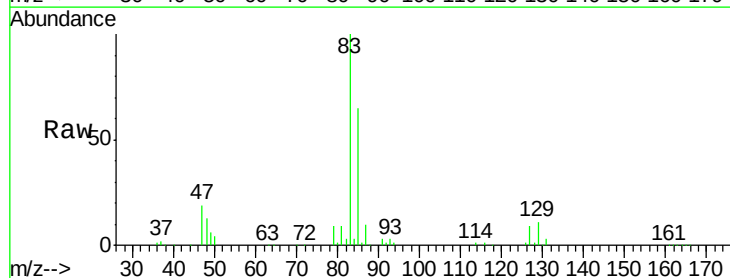
#37
 1,2-Dichloropropane
 Concen: 52.10 ug/L
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024235.D
 Acq: 30 May 2018 12:05

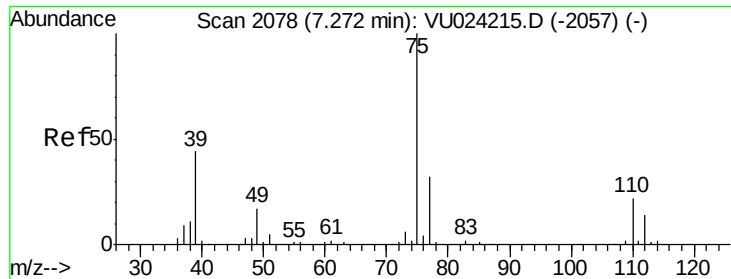
Tgt Ion: 63 Resp: 145167
 Ion Ratio Lower Upper
 63 100
 112 3.6 2.9 4.3



#38
 Bromodichloromethane
 Concen: 51.26 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU024235.D
 Acq: 30 May 2018 12:05

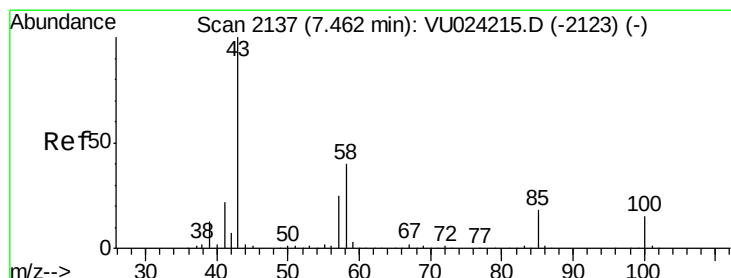
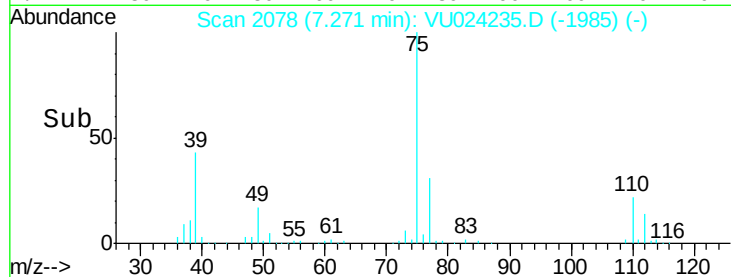
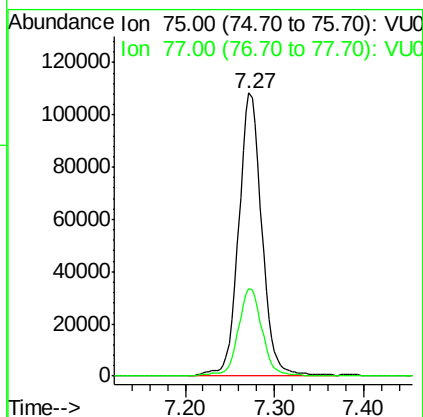
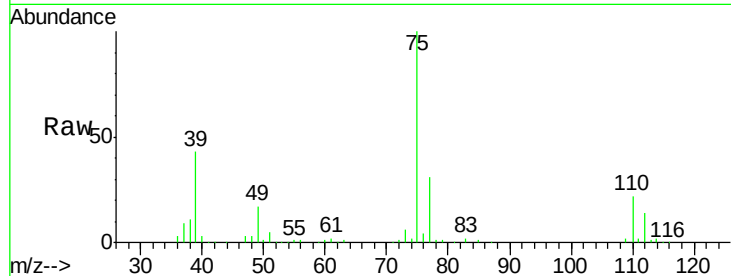
Tgt Ion: 83 Resp: 167852
 Ion Ratio Lower Upper
 83 100
 85 64.7 44.6 82.8
 127 8.6 6.8 10.2





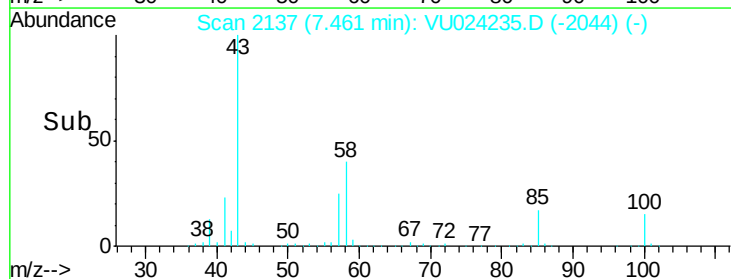
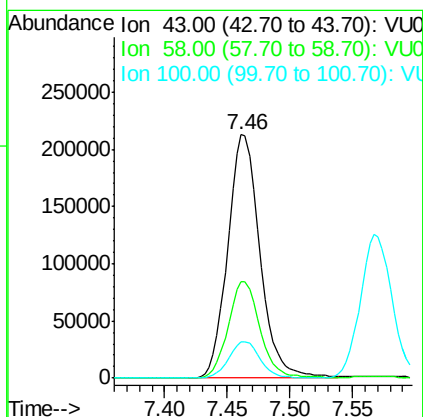
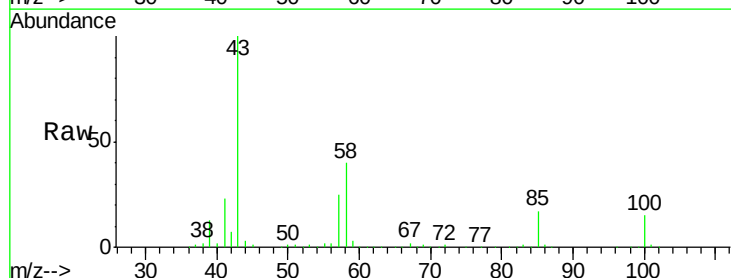
#39
 cis-1,3-Dichloropropene
 Concen: 53.24 ug/L
 RT: 7.27 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VU024235.D
 Acq: 30 May 2018 12:05

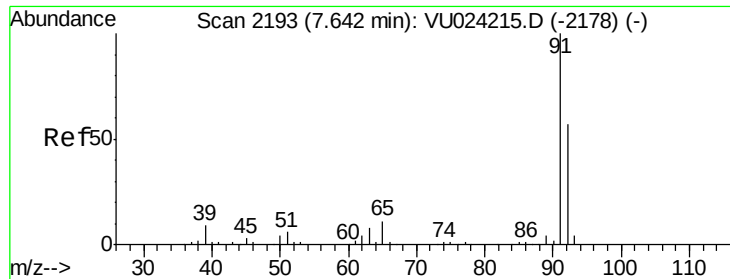
Tgt Ion: 75 Resp: 195851
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 100.77 ug/L
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024235.D
 Acq: 30 May 2018 12:05

Tgt Ion: 43 Resp: 380703
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.6 47.4
 100 14.5 11.5 17.3





#42

Toluene

Concen: 52.94 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024235.D

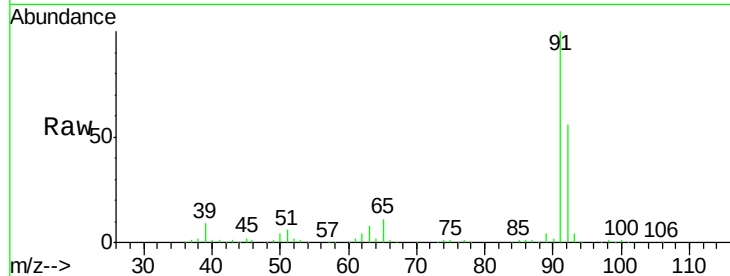
Acq: 30 May 2018 12:05

Tgt Ion: 91 Resp: 534075

Ion Ratio Lower Upper

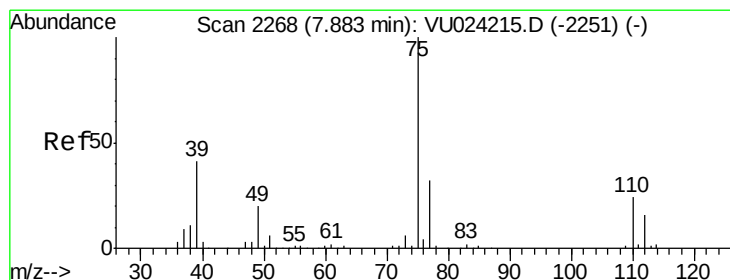
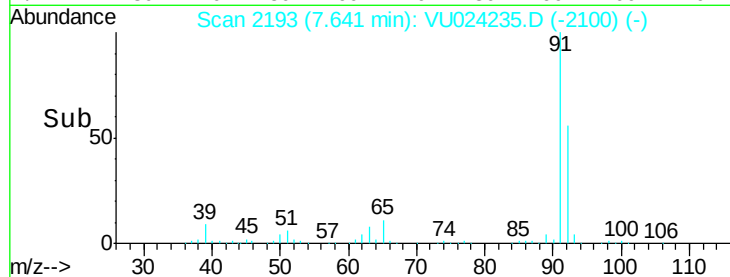
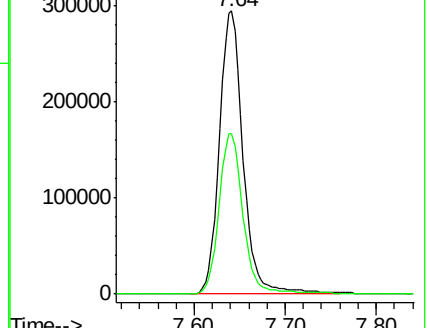
91 100

92 56.5 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: 52.70 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024235.D

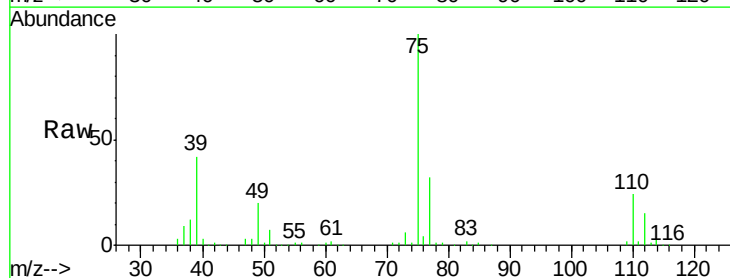
Acq: 30 May 2018 12:05

Tgt Ion: 75 Resp: 172681

Ion Ratio Lower Upper

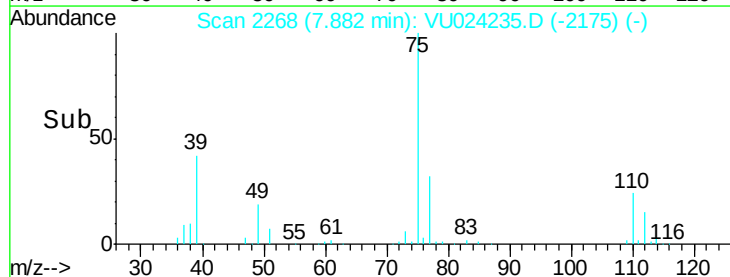
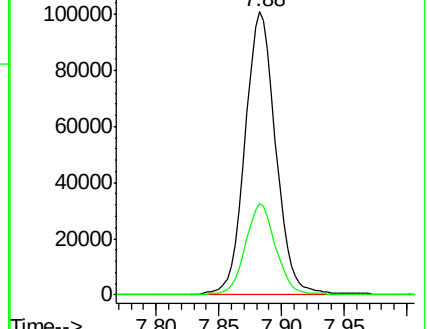
75 100

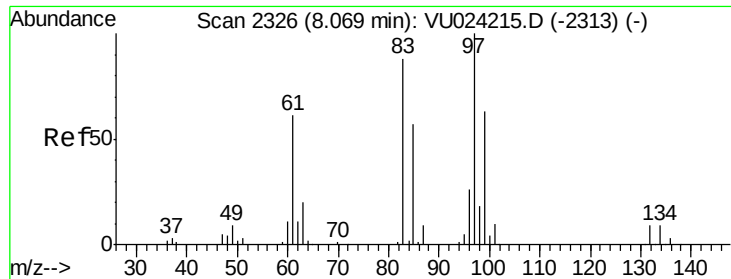
77 32.3 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

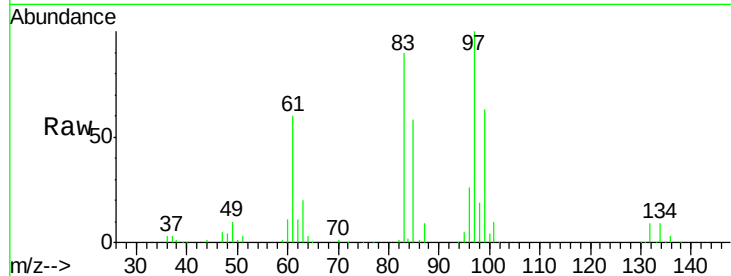
Ion 77.00 (76.70 to 77.70): VU0



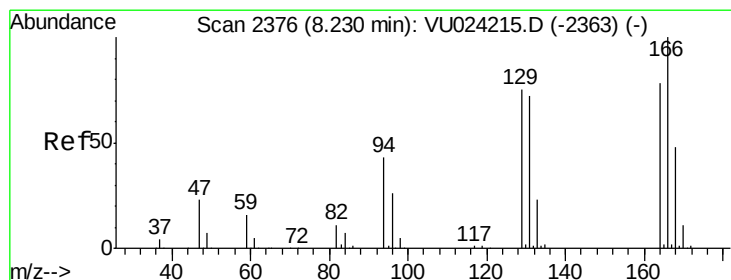
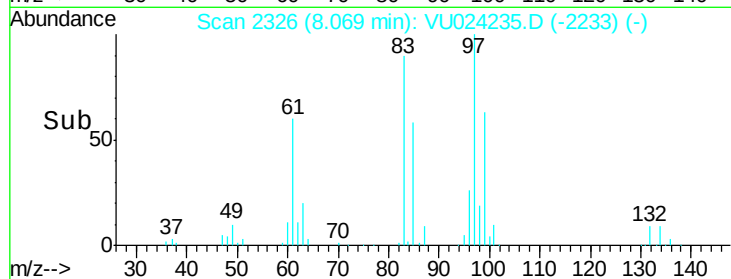
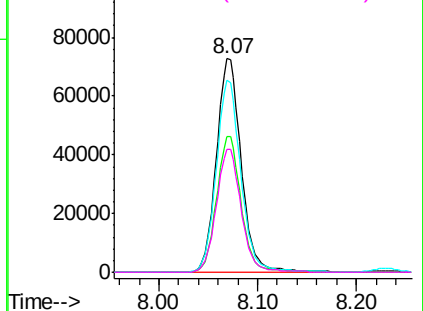


#45
 1,1,2-Trichloroethane
 Concen: 51.86 ug/L
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024235.D
 Acq: 30 May 2018 12:05

Tgt Ion:	97	Resp:	128485
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.5	80.9
83	90.0	61.9	114.9
85	57.6	40.7	75.7

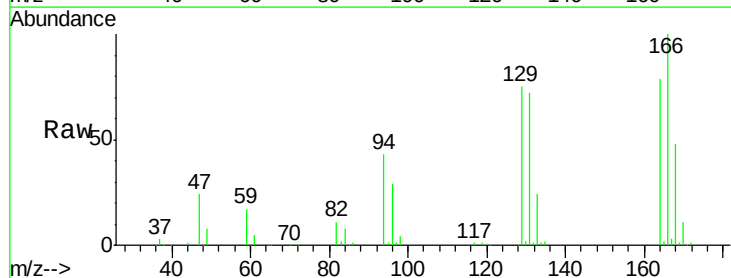


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

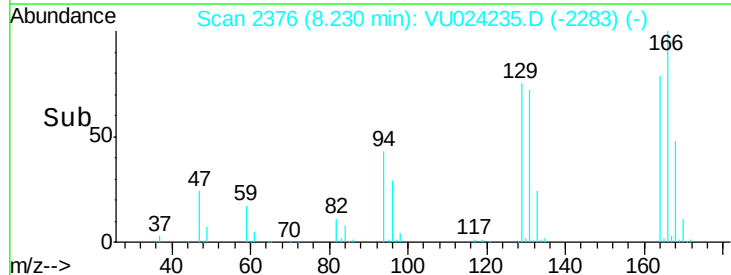
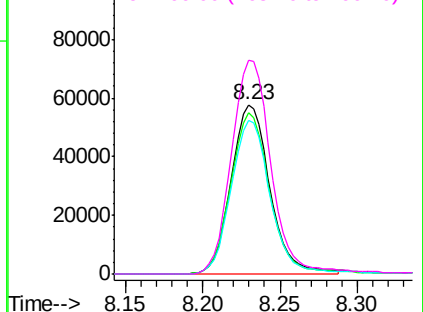


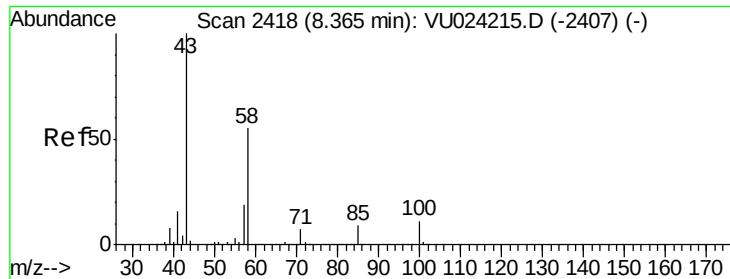
#46
 Tetrachloroethene
 Concen: 51.48 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU024235.D
 Acq: 30 May 2018 12:05

Tgt Ion:	164	Resp:	100510
Ion	Ratio	Lower	Upper
164	100		
129	95.0	66.6	123.6
131	90.7	64.5	119.9
166	126.1	89.3	165.9



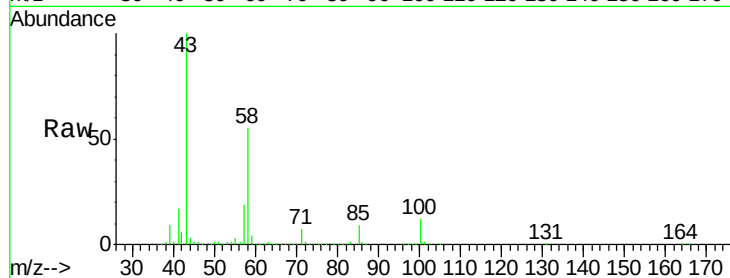
Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V



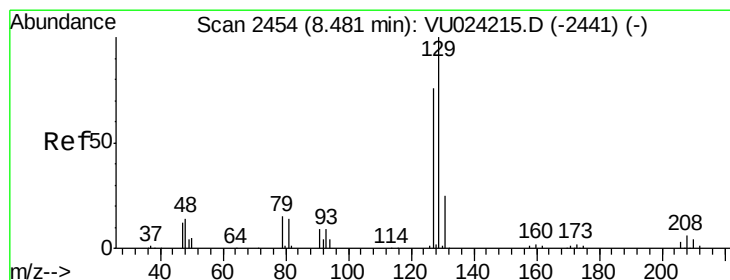
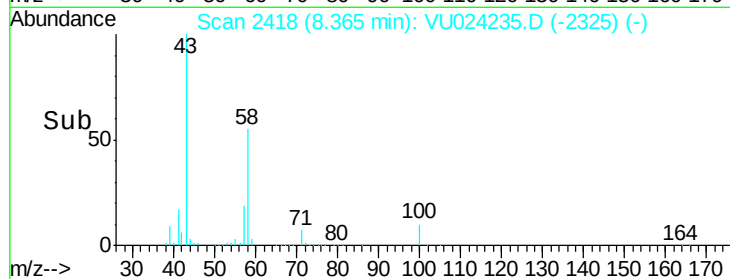
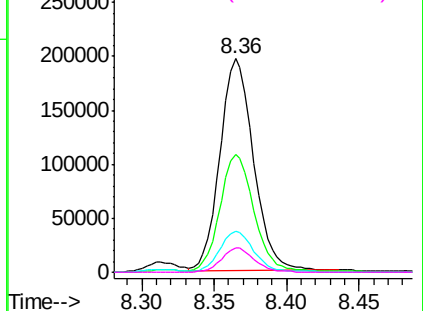


#48
2-Hexanone
Concen: 106.84 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU024235.D
Acq: 30 May 2018 12:05

Tgt Ion:	43	Resp:	318445
Ion	Ratio	Lower	Upper
43	100		
58	56.8	44.6	67.0
57	19.8	15.3	22.9
100	11.2	8.9	13.3

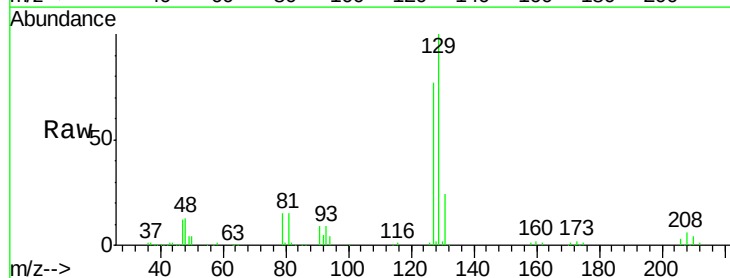


Abundance Ion 43.00 (42.70 to 43.70): VU024235.D (-2325) (-)
Ion 58.00 (57.70 to 58.70): VU024235.D (-2325) (-)
Ion 57.00 (56.70 to 57.70): VU024235.D (-2325) (-)
Ion 100.00 (99.70 to 100.70): VU024235.D (-2325) (-)

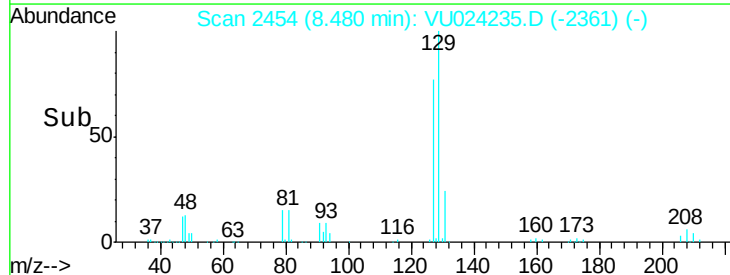
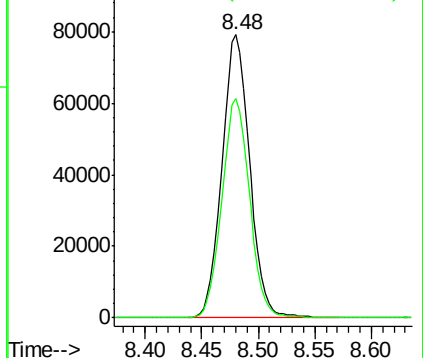


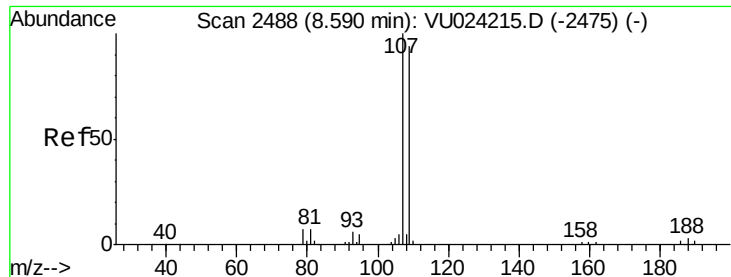
#49
Dibromochloromethane
Concen: 51.94 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024235.D
Acq: 30 May 2018 12:05

Tgt Ion:	129	Resp:	135360
Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.2	100.6



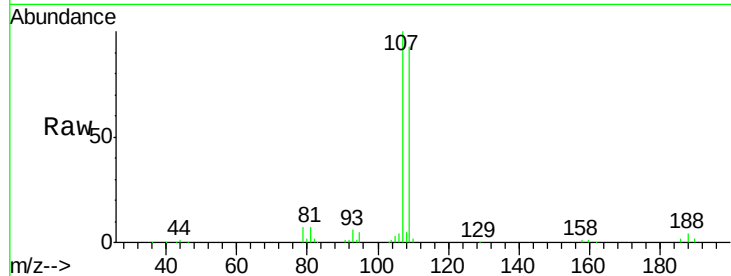
Abundance Ion 129.00 (128.70 to 129.70): VU024235.D (-2361) (-)
Ion 127.00 (126.70 to 127.70): VU024235.D (-2361) (-)



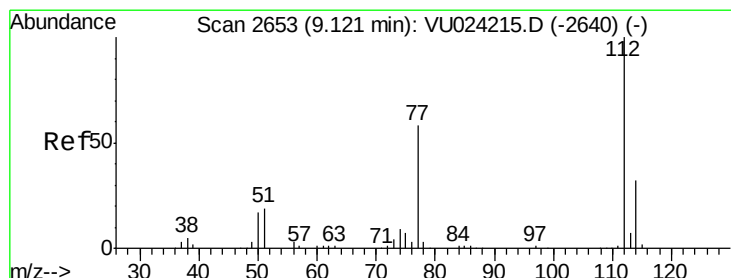
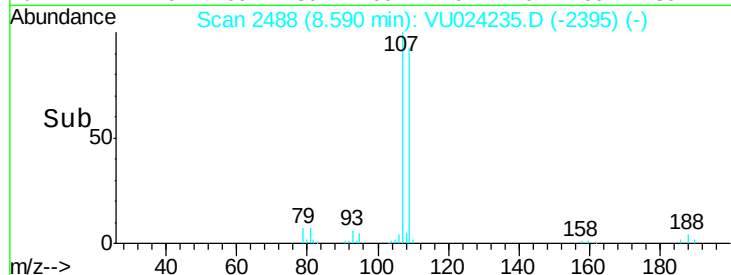
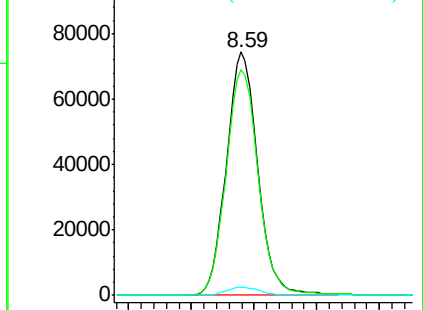


#50
1,2-Dibromoethane
Concen: 51.66 ug/L
RT: 8.59 min Scan# 2488
Delta R.T. -0.00 min
Lab File: VU024235.D
Acq: 30 May 2018 12:05

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.6	65.6	121.8
188	3.6	2.9	4.3

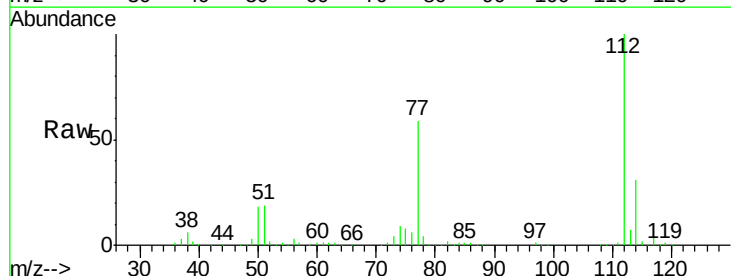


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

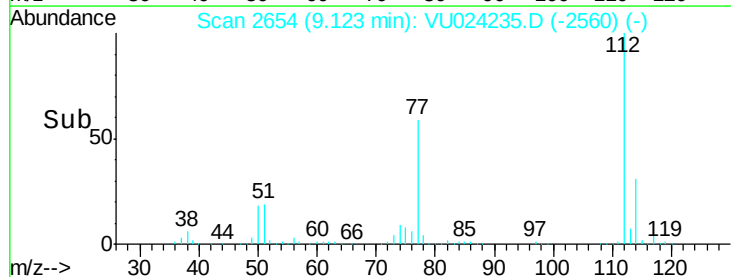
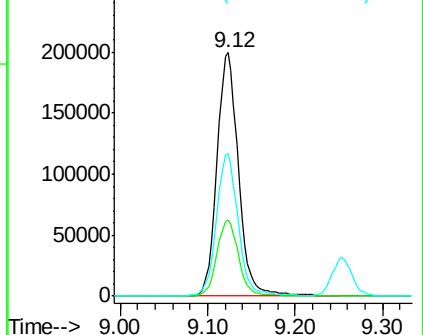


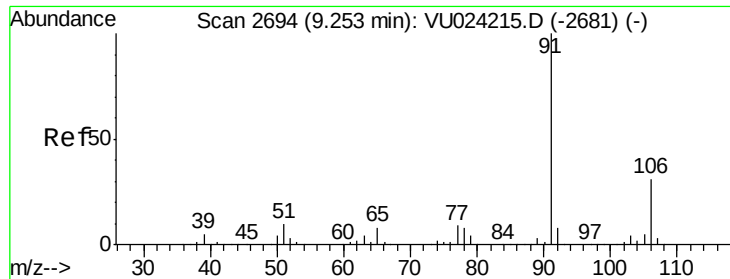
#51
Chlorobenzene
Concen: 52.10 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024235.D
Acq: 30 May 2018 12:05

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.5	41.9
77	58.7	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: 53.33 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU024235.D

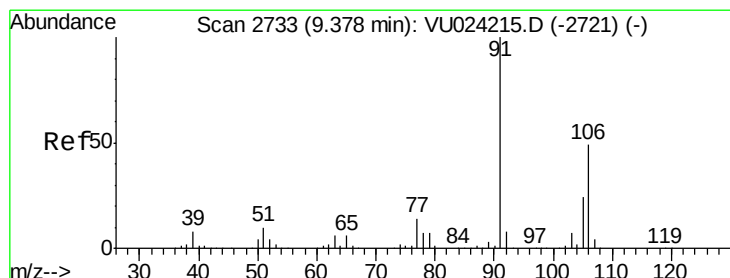
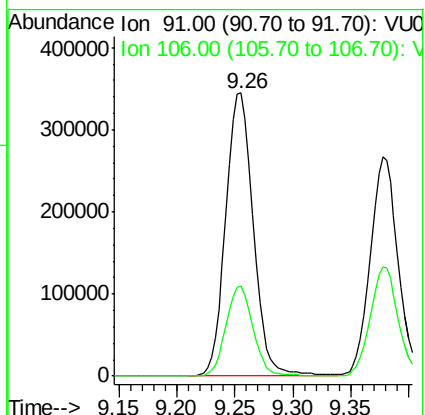
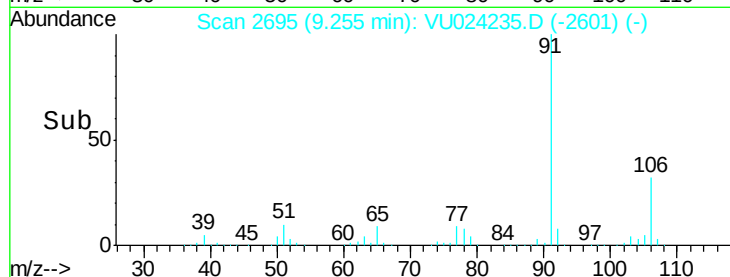
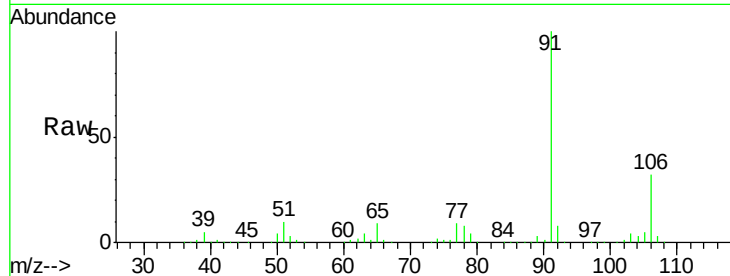
Acq: 30 May 2018 12:05

Tgt Ion: 91 Resp: 568614

Ion Ratio Lower Upper

91 100

106 31.7 22.0 41.0



#53

m,p-Xylene

Concen: 55.82 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU024235.D

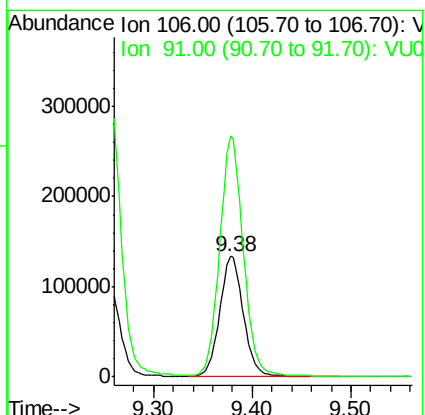
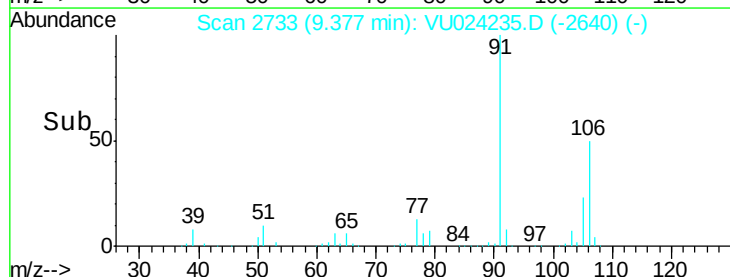
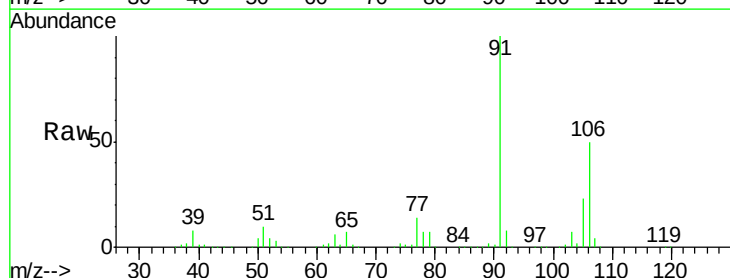
Acq: 30 May 2018 12:05

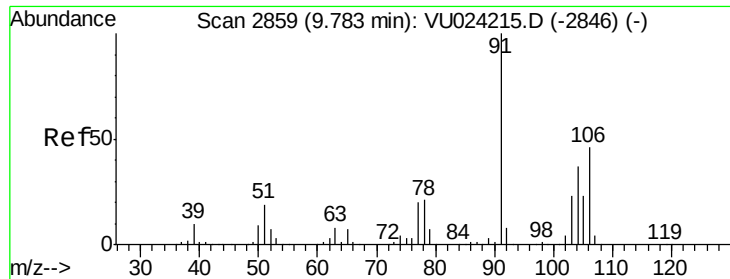
Tgt Ion: 106 Resp: 225502

Ion Ratio Lower Upper

106 100

91 200.0 141.9 263.5





#54

o-xylene

Concen: 54.73 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU024235.D

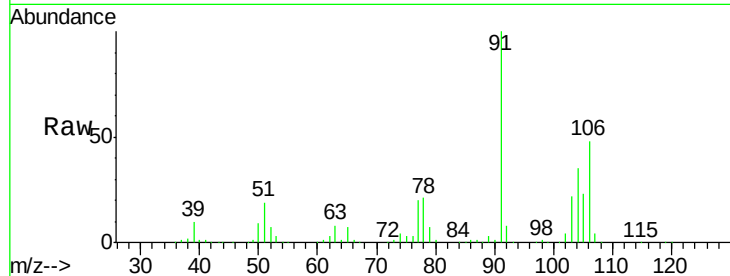
Acq: 30 May 2018 12:05

Tgt Ion:106 Resp: 221426

Ion Ratio Lower Upper

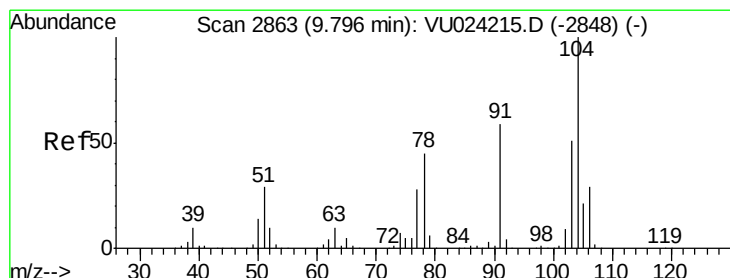
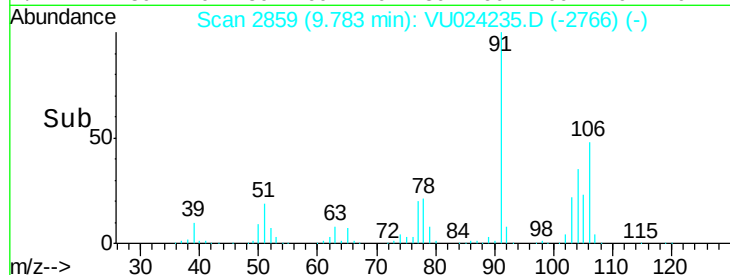
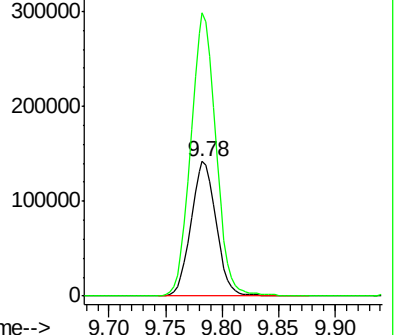
106 100

91 210.5 150.4 279.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 56.27 ug/L

RT: 9.80 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VU024235.D

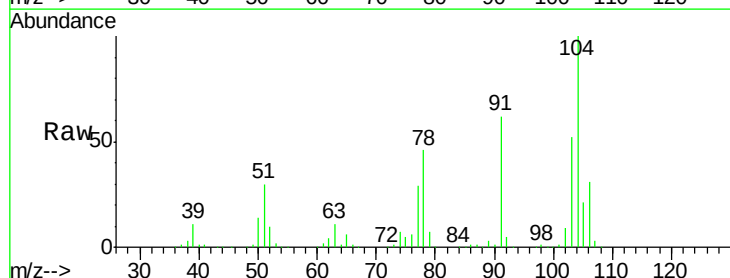
Acq: 30 May 2018 12:05

Tgt Ion:104 Resp: 376290

Ion Ratio Lower Upper

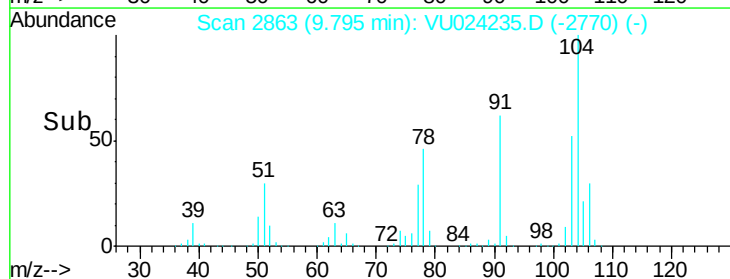
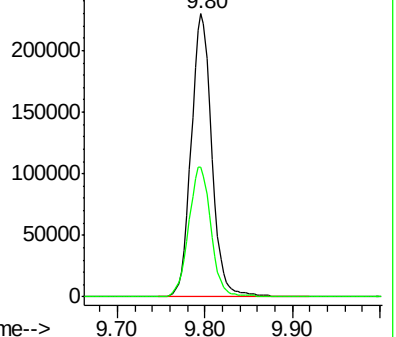
104 100

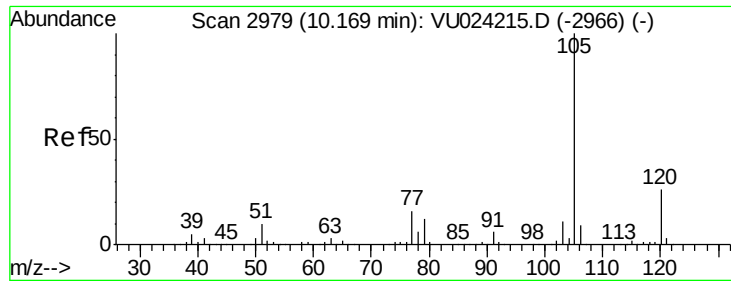
78 46.0 32.6 60.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 54.72 ug/L

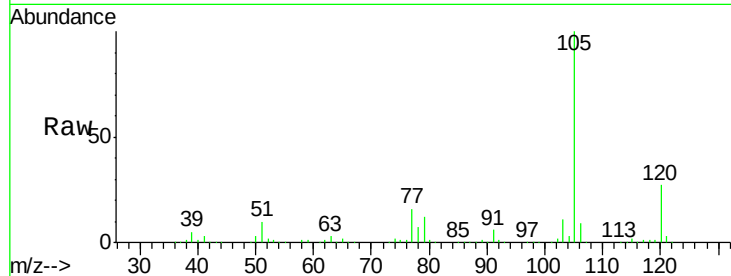
RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU024235.D

Acq: 30 May 2018 12:05

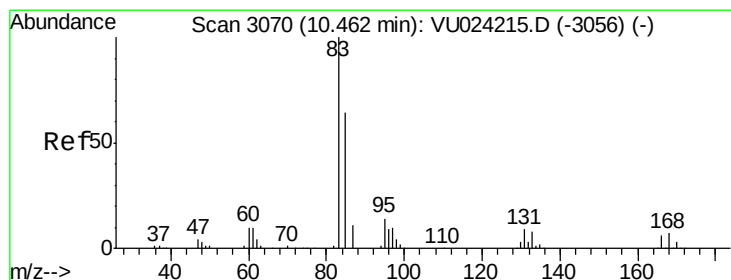
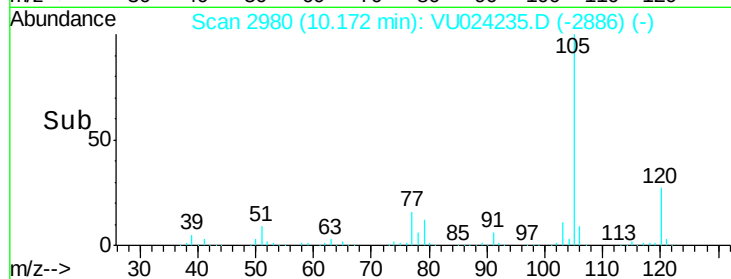
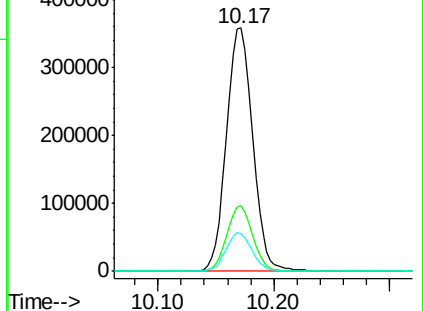
Tgt Ion:	105	Resp:	560336
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.4	32.0
77	15.8	12.5	18.7



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: 51.51 ug/L

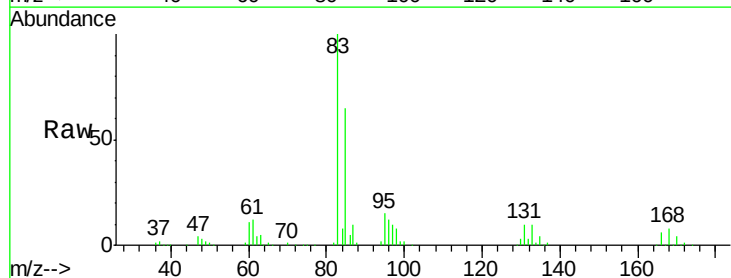
RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024235.D

Acq: 30 May 2018 12:05

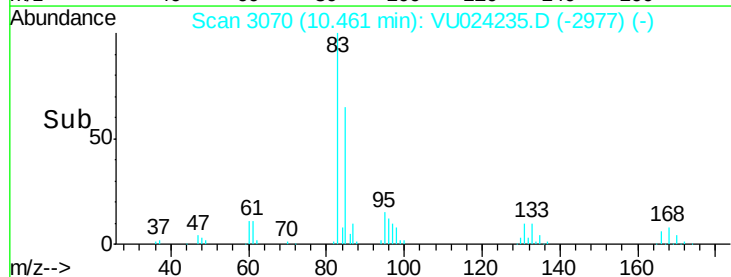
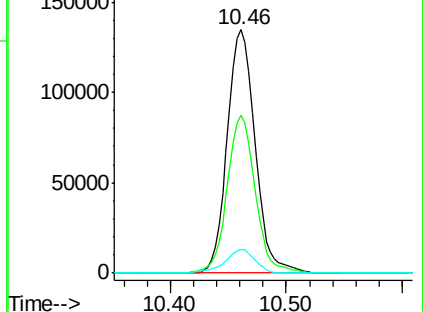
Tgt Ion:	83	Resp:	224461
Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.3	84.1
131	9.7	7.6	11.4

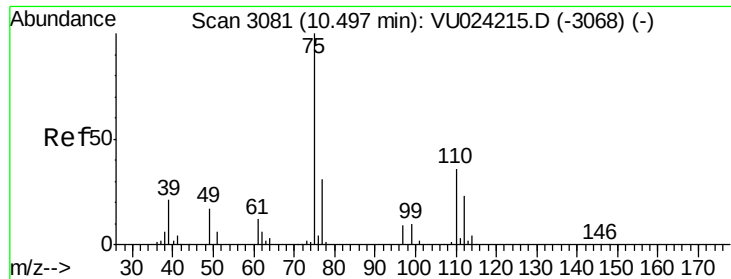


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

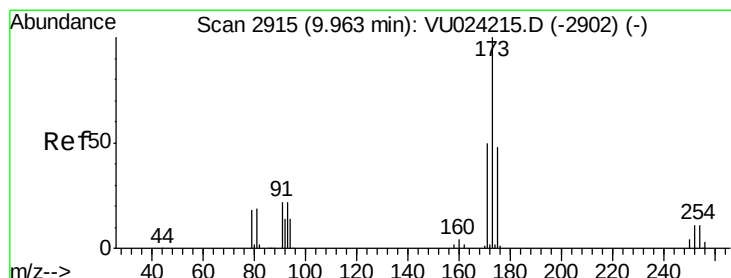
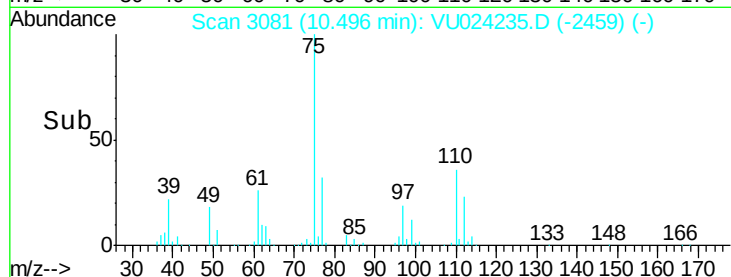
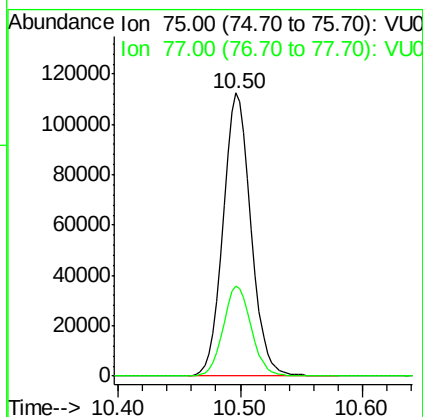
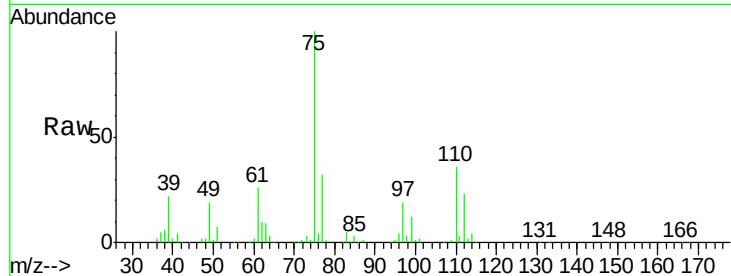
Ion 131.00 (130.70 to 131.70): V





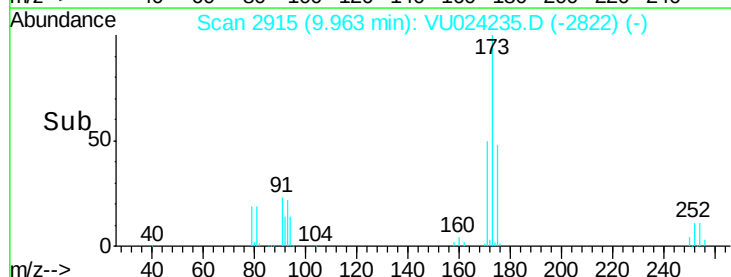
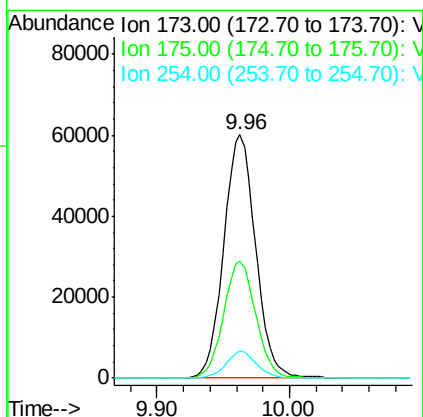
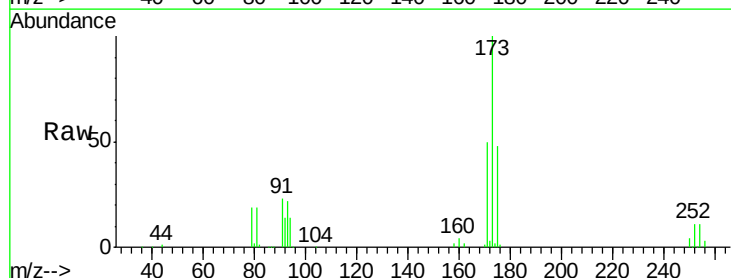
#59
 1,2,3-Trichloropropane
 Concen: 51.70 ug/L
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU024235.D
 Acq: 30 May 2018 12:05

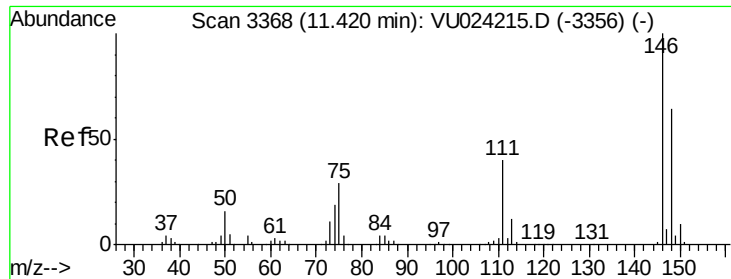
Tgt Ion: 75 Resp: 180303
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3



#61
 Bromoform
 Concen: 49.24 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU024235.D
 Acq: 30 May 2018 12:05

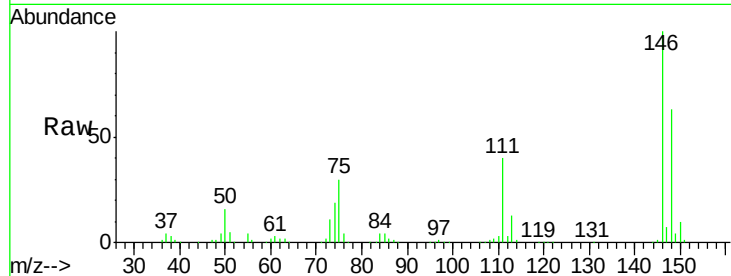
Tgt Ion: 173 Resp: 100172
 Ion Ratio Lower Upper
 173 100
 175 48.6 38.5 57.7
 254 10.5 8.7 13.1



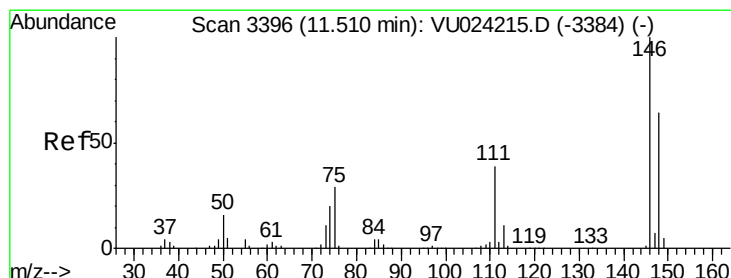
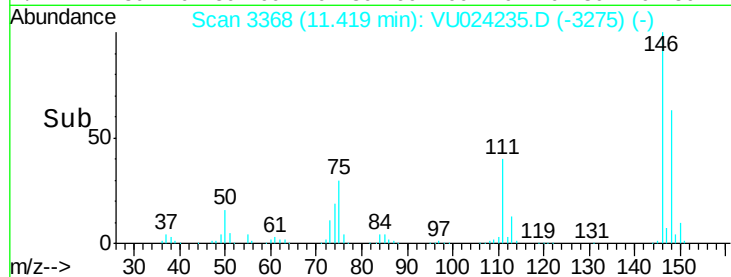
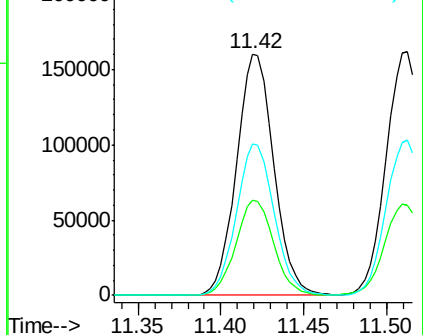


#62
 1,3-Dichlorobenzene
 Concen: 52.15 ug/L
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024235.D
 Acq: 30 May 2018 12:05

Tgt Ion:146 Resp: 251282
 Ion Ratio Lower Upper
 146 100
 111 39.6 27.6 51.4
 148 62.9 44.2 82.2

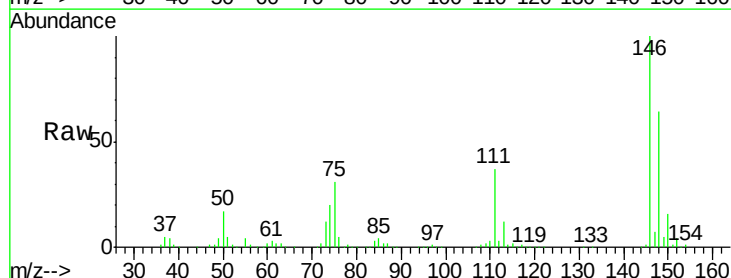


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

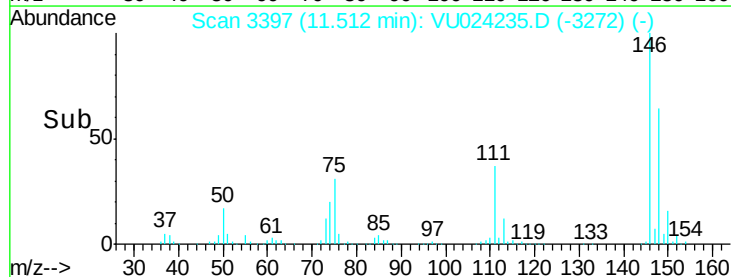
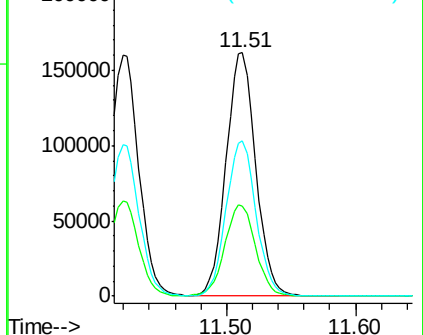


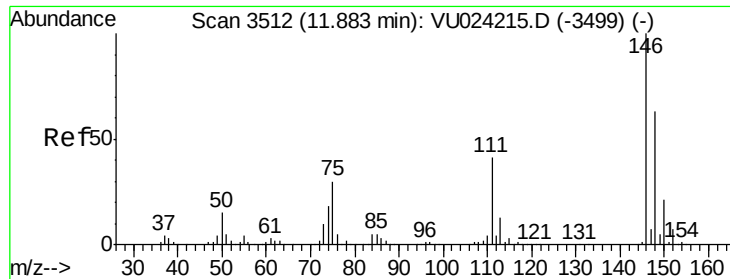
#63
 1,4-Dichlorobenzene
 Concen: 52.24 ug/L
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU024235.D
 Acq: 30 May 2018 12:05

Tgt Ion:146 Resp: 257545
 Ion Ratio Lower Upper
 146 100
 111 37.1 26.9 49.9
 148 63.8 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: 52.28 ug/L

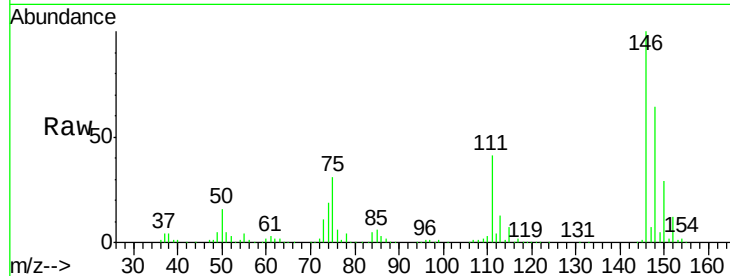
RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

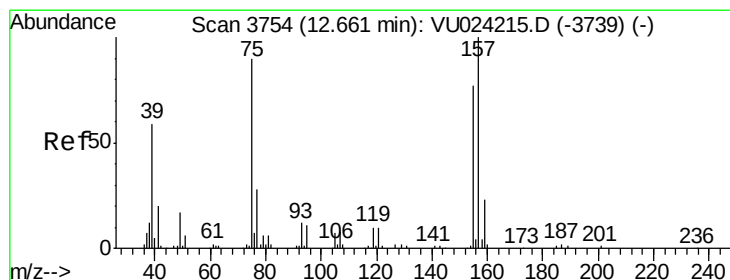
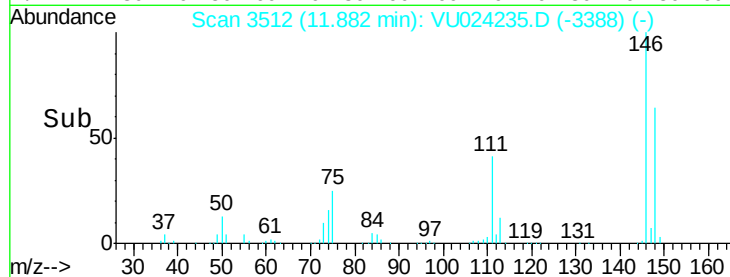
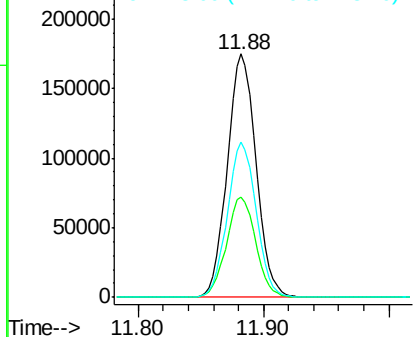
Lab File: VU024235.D

Acq: 30 May 2018 12:05

Tgt Ion:	146	Resp:	278285
Ion	Ratio	Lower	Upper
146	100		
111	41.3	33.0	49.6
148	63.5	51.0	76.6



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



#66

1,2-Dibromo-3-chloropropane

Concen: 47.15 ug/L

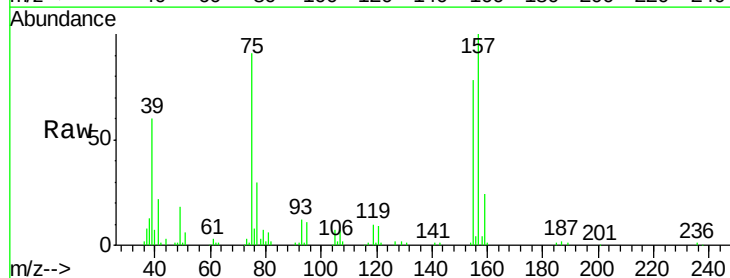
RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

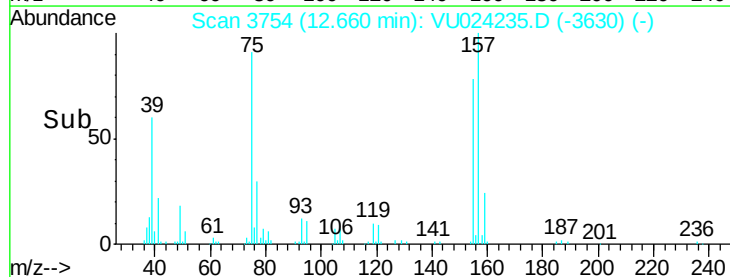
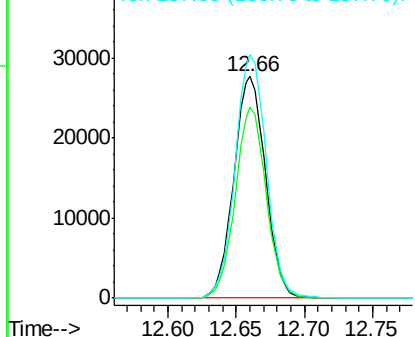
Lab File: VU024235.D

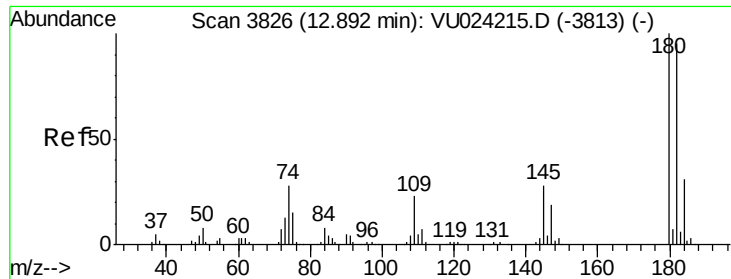
Acq: 30 May 2018 12:05

Tgt Ion:	75	Resp:	44632
Ion	Ratio	Lower	Upper
75	100		
155	86.3	66.8	100.2
157	110.0	84.8	127.2



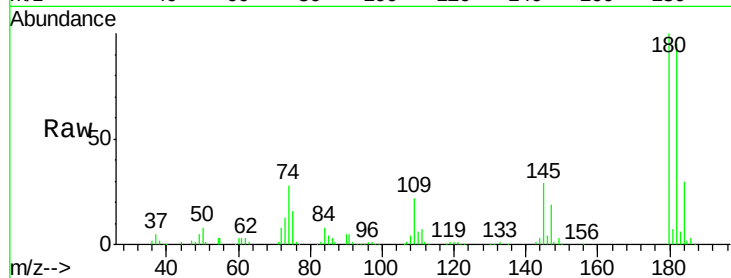
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 155.00 (154.70 to 155.70): V
Ion 157.00 (156.70 to 157.70): V



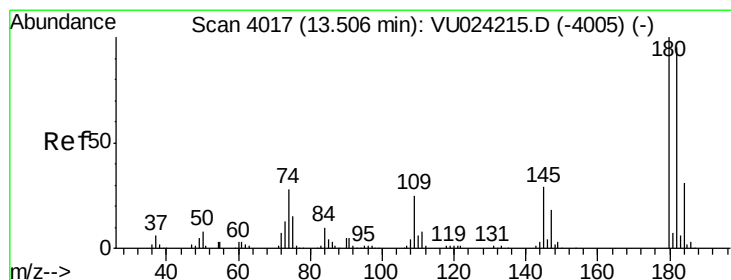
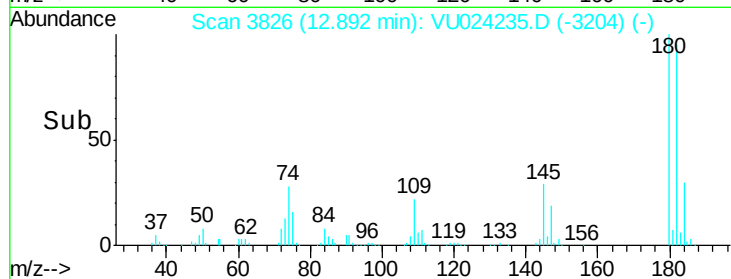
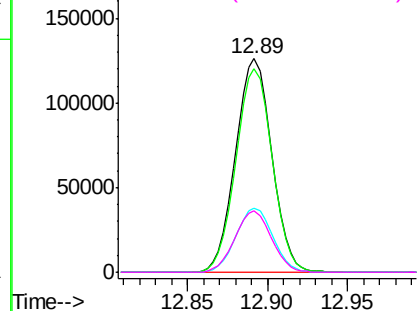


#67
 1,3,5-Trichlorobenzene
 Concen: 54.68 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU024235.D
 Acq: 30 May 2018 12:05

Tgt Ion:	180	Resp:	194477
Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.6
184	30.5	24.6	36.8
145	29.0	23.4	35.0

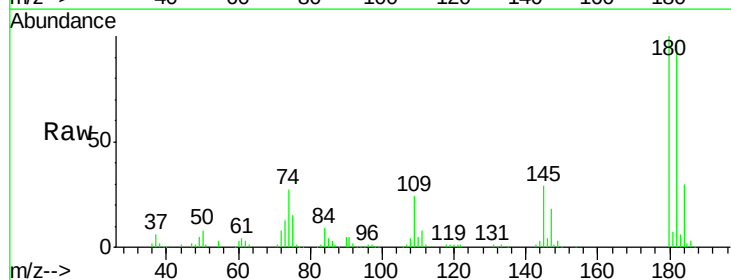


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

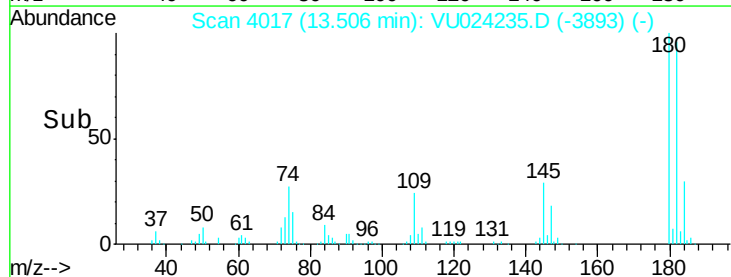
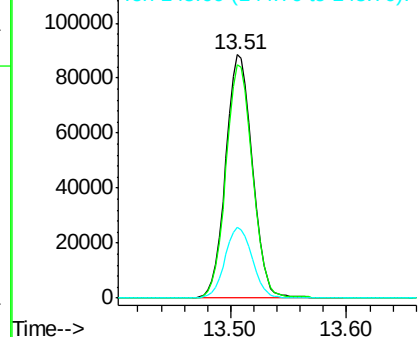


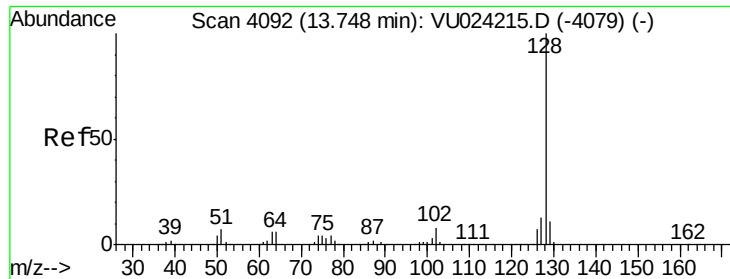
#68
 1,2,4-trichlorobenzene
 Concen: 54.96 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024235.D
 Acq: 30 May 2018 12:05

Tgt Ion:	180	Resp:	141108
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	29.6	23.4	35.0



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





#69

Naphthalene

Concen: 53.59 ug/L

RT: 13.75 min Scan# 4092

Delta R.T. -0.00 min

Lab File: VU024235.D

Acq: 30 May 2018 12:05

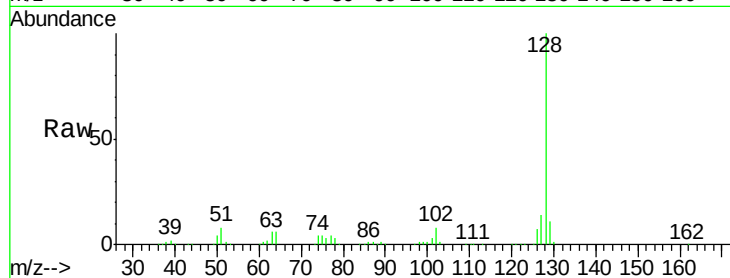
Tgt Ion:128 Resp: 405250

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

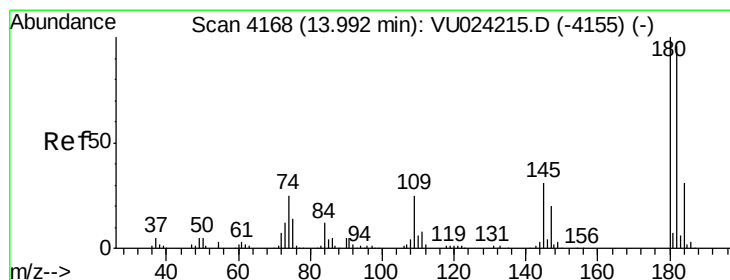
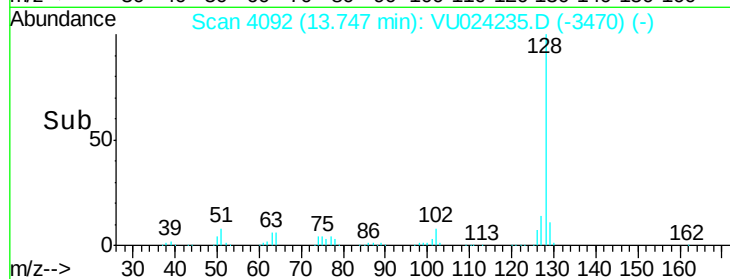
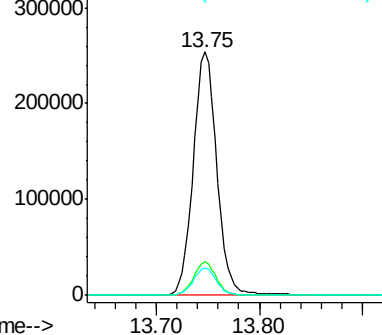
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 55.34 ug/L

RT: 13.99 min Scan# 4168

Delta R.T. -0.00 min

Lab File: VU024235.D

Acq: 30 May 2018 12:05

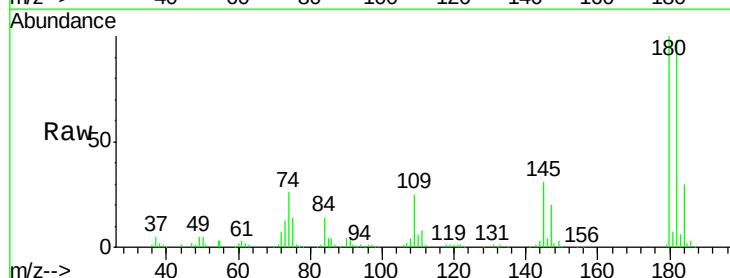
Tgt Ion:180 Resp: 159875

Ion Ratio Lower Upper

180 100

182 96.1 75.8 113.6

145 30.8 24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

