

Data File : VU024241.D
Acq On : 30 May 2018 15:41
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 31 03:54:19 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 31 03:53:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	311175	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	298780	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	142551	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90199	38.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.26%
7) Chloroethane-d5	1.68	69	80181	42.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.36%
11) 1,1-Dichloroethene-d2	2.27	63	189753	43.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.24%
21) 2-Butanone-d5	4.18	46	182918	97.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.26%
24) Chloroform-d	4.65	84	201949	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
26) 1,2-Dichloroethane-d4	5.31	65	128792	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
32) Benzene-d6	5.35	84	385512	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
36) 1,2-Dichloropropane-d6	6.33	67	133924	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.52%
41) Toluene-d8	7.57	98	342988	44.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.52%
43) trans-1,3-Dichloropropene-	7.85	79	53936	47.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.72%
47) 2-Hexanone-d5	8.31	63	129521	95.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.79%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	199028	48.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	144290	46.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.34%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	157747	50.90	ug/L	100
3) Chloromethane	1.33	50	167283	48.55	ug/L	100
5) Vinyl chloride	1.40	62	164252	50.26	ug/L	98
6) Bromomethane	1.62	94	87057	51.63	ug/L	99
8) Chloroethane	1.70	64	100415	51.90	ug/L	99
9) Trichlorofluoromethane	1.89	101	196929	52.18	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	119738	52.31	ug/L	98
12) 1,1-Dichloroethene	2.28	96	106587	49.87	ug/L	93
13) Acetone	2.32	43	199789	121.89	ug/L	100
14) Carbon disulfide	2.48	76	341641	49.29	ug/L	100
15) Methyl Acetate	2.62	43	147717	49.44	ug/L	100
16) Methylene chloride	2.70	84	135506	50.96	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	114787	51.21	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	362213	53.58	ug/L	100
19) 1,1-Dichloroethane	3.45	63	235001	52.04	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	130791	52.19	ug/L	100
22) 2-Butanone	4.26	43	229119	106.60	ug/L	100

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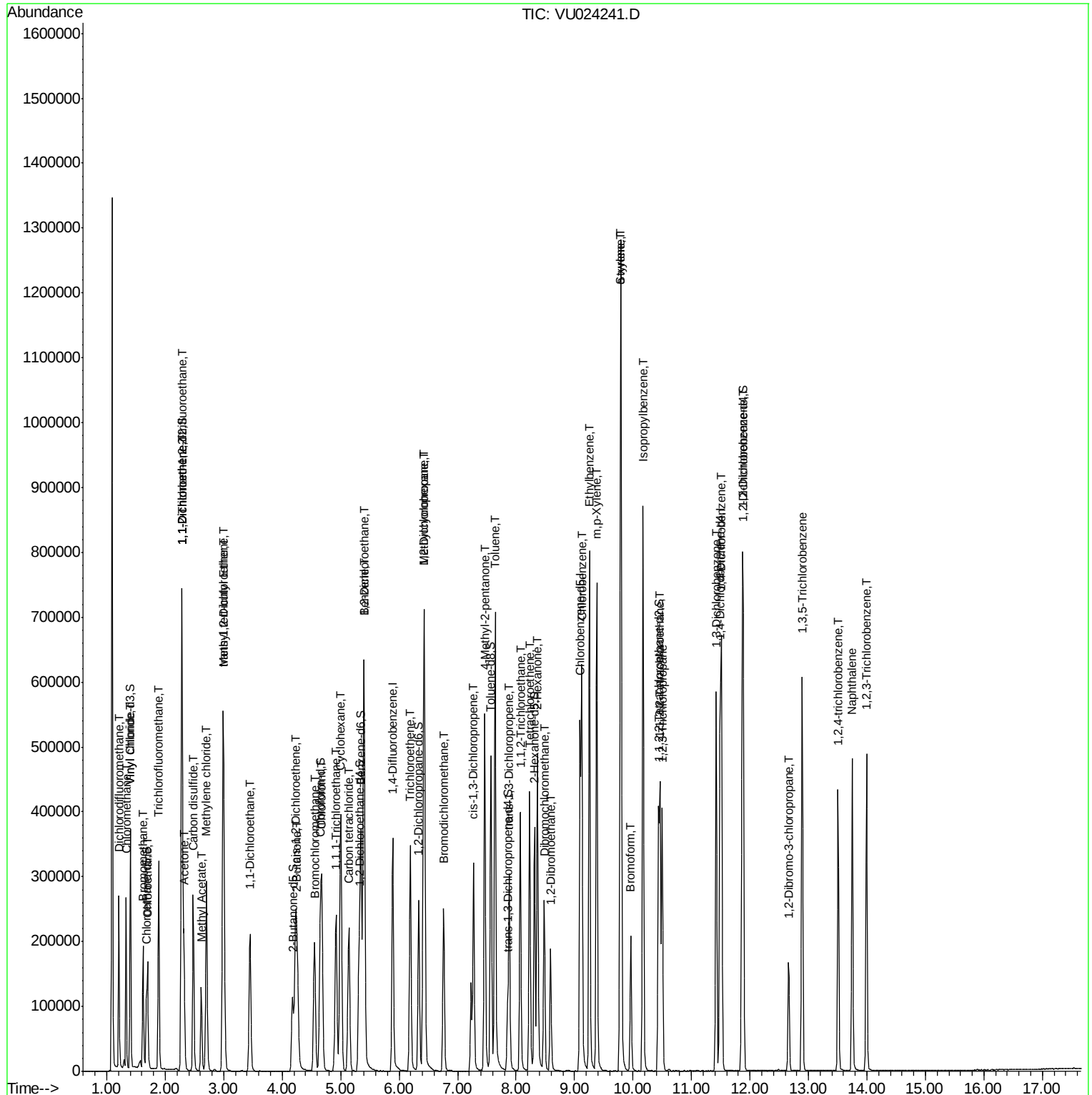
Quant Time: May 31 03:54:19 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
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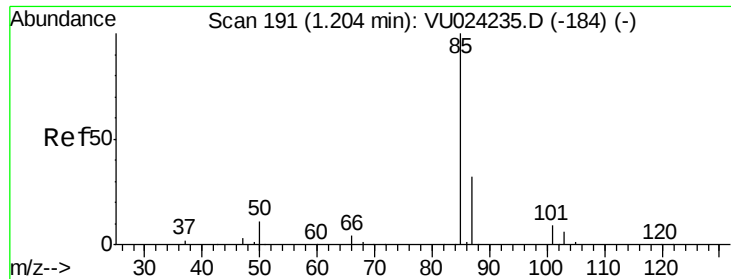
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	68411	52.55	ug/L	99
25) Chloroform	4.68	83	231553	52.28	ug/L	97
27) 1,2-Dichloroethane	5.41	62	180415	51.30	ug/L	100
29) Cyclohexane	5.00	56	208994	53.28	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	188005	52.97	ug/L	98
31) Carbon tetrachloride	5.14	117	163285	52.54	ug/L	98
33) Benzene	5.39	78	513987	51.68	ug/L	100
34) Trichloroethene	6.19	95	127058	45.48	ug/L	99
35) Methylcyclohexane	6.42	83	208237	53.86	ug/L	99
37) 1,2-Dichloropropane	6.44	63	145271	52.08	ug/L	100
38) Bromodichloromethane	6.76	83	168727	51.47	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	196774	53.43	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	372542	98.51	ug/L	99
42) Toluene	7.64	91	541074	53.58	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	173949	53.04	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	128579	51.85	ug/L	98
46) Tetrachloroethene	8.23	164	105455	53.95	ug/L	100
48) 2-Hexanone	8.36	43	305728	102.47	ug/L	100
49) Dibromochloromethane	8.48	129	137028	52.53	ug/L	99
50) 1,2-Dibromoethane	8.59	107	129578	51.93	ug/L	99
51) Chlorobenzene	9.12	112	340246	51.91	ug/L	99
52) Ethylbenzene	9.25	91	571056	53.50	ug/L	100
53) m,p-Xylene	9.38	106	225195	55.69	ug/L	100
54) o-xylene	9.78	106	220635	54.48	ug/L	99
55) Styrene	9.80	104	373573	55.81	ug/L	100
56) Isopropylbenzene	10.17	105	563589	54.98	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	215795	49.47	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	173903	49.81	ug/L	100
61) Bromoform	9.96	173	98003	48.64	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	245609	51.46	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	254278	52.06	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	271027	51.40	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	42015	44.81	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	192679	54.69	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	137947	54.24	ug/L	100
69) Naphthalene	13.75	128	376331	50.24	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	155655	54.39	ug/L	100

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

ALS Vial : 8 Sample Multiplier: 1

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 50.90 ug/L

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024241.D

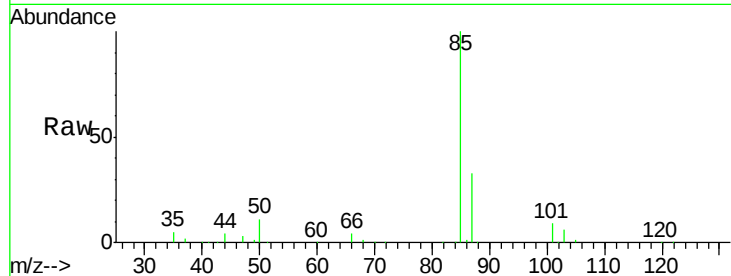
Acq: 30 May 2018 15:41

Tgt Ion: 85 Resp: 157747

Ion Ratio Lower Upper

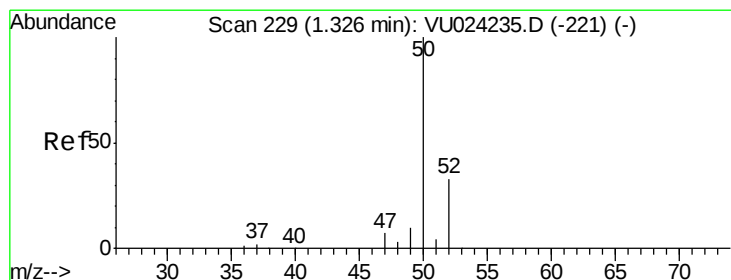
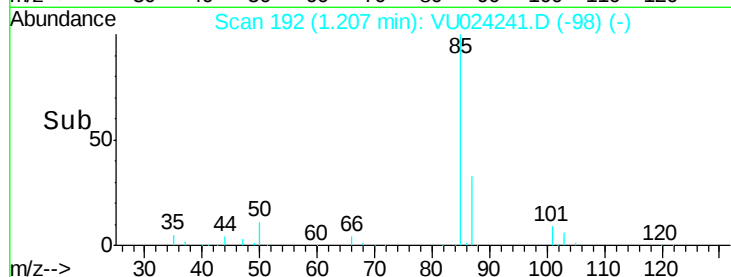
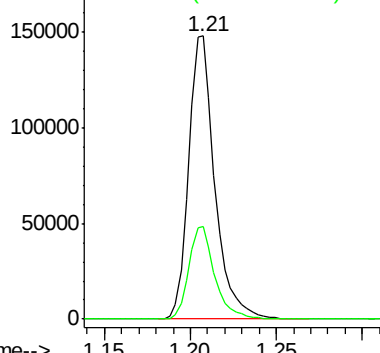
85 100

87 32.4 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: 48.55 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024241.D

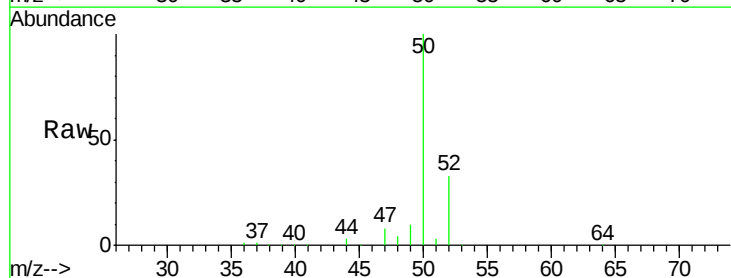
Acq: 30 May 2018 15:41

Tgt Ion: 50 Resp: 167283

Ion Ratio Lower Upper

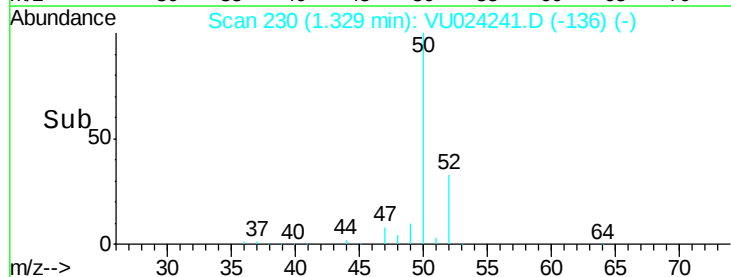
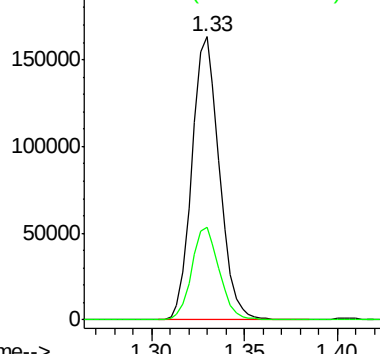
50 100

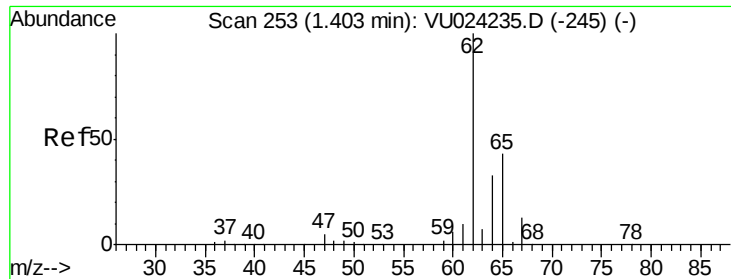
52 32.6 22.9 42.5



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 50.26 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024241.D

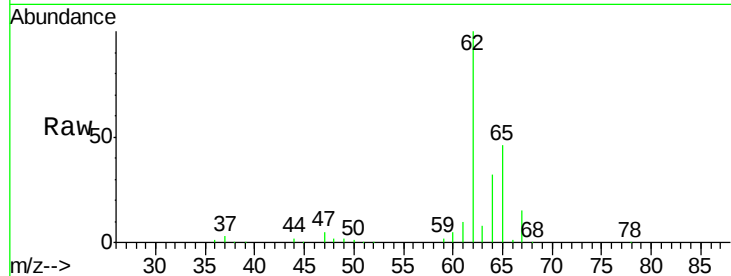
Acq: 30 May 2018 15:41

Tgt Ion: 62 Resp: 164252

Ion Ratio Lower Upper

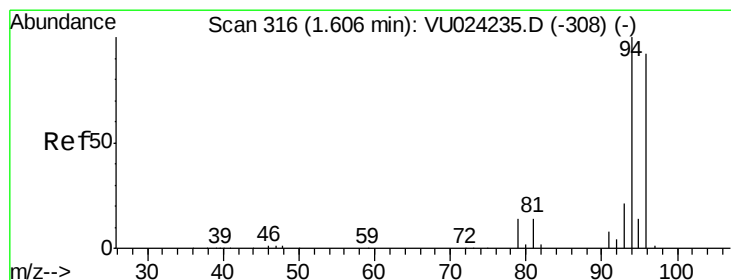
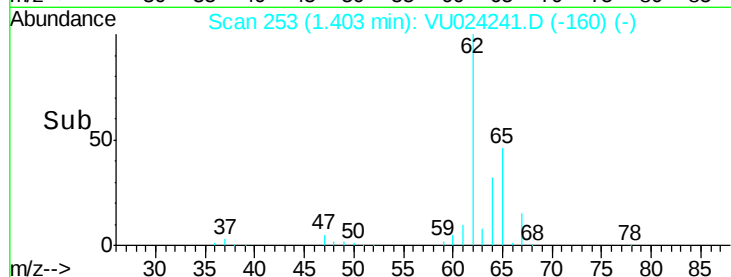
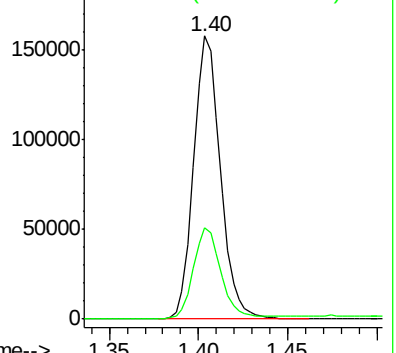
62 100

64 32.4 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: 51.63 ug/L

RT: 1.62 min Scan# 320

Delta R.T. 0.01 min

Lab File: VU024241.D

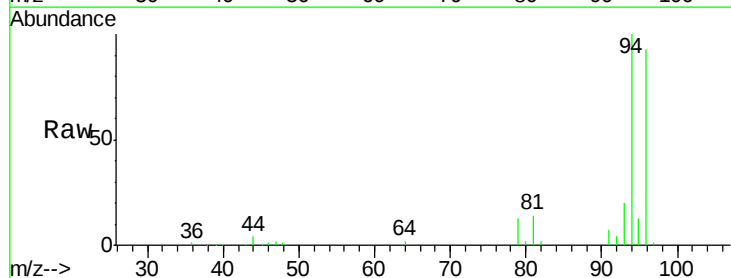
Acq: 30 May 2018 15:41

Tgt Ion: 94 Resp: 87057

Ion Ratio Lower Upper

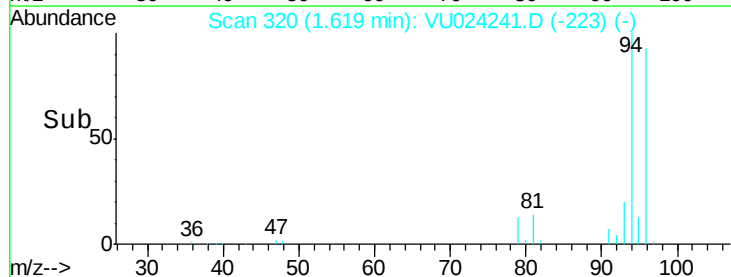
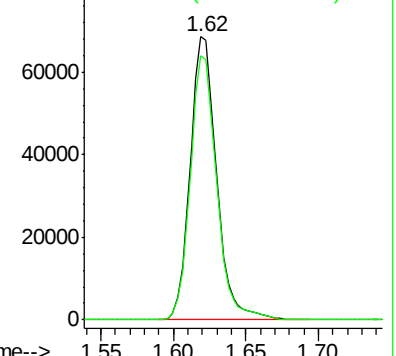
94 100

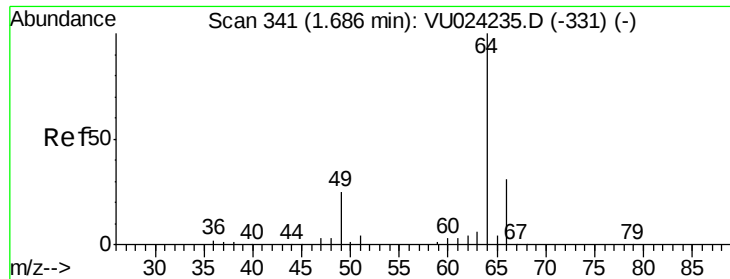
96 93.2 64.6 120.0



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 51.90 ug/L

RT: 1.70 min Scan# 344

Delta R.T. 0.01 min

Lab File: VU024241.D

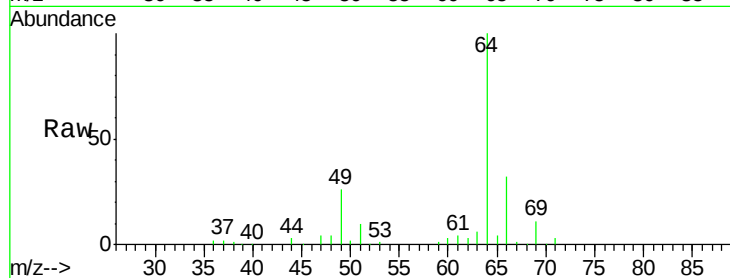
Acq: 30 May 2018 15:41

Tgt Ion: 64 Resp: 100415

Ion Ratio Lower Upper

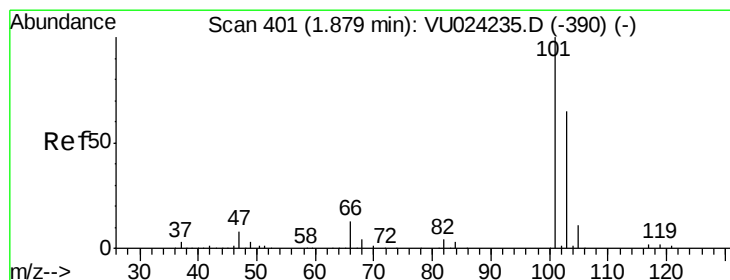
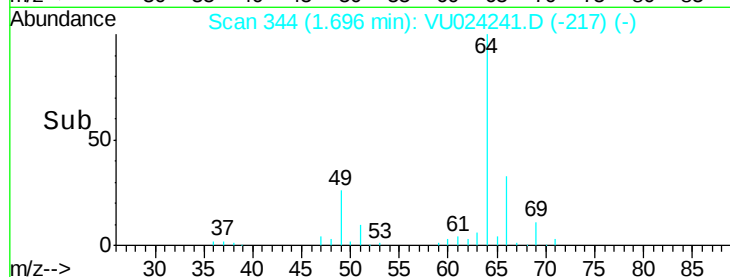
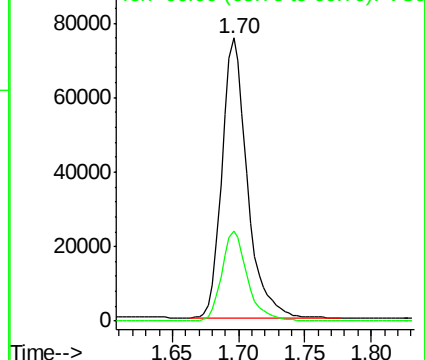
64 100

66 32.0 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: 52.18 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.01 min

Lab File: VU024241.D

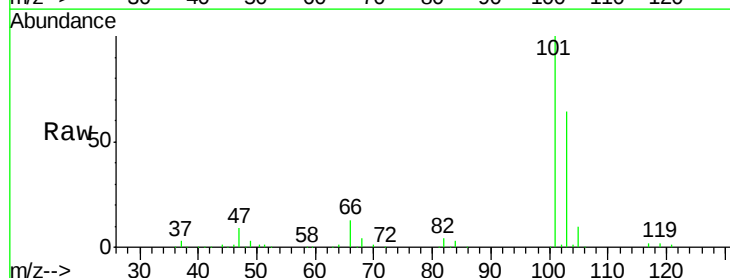
Acq: 30 May 2018 15:41

Tgt Ion: 101 Resp: 196929

Ion Ratio Lower Upper

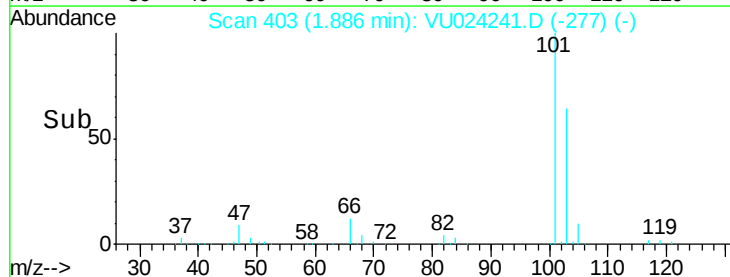
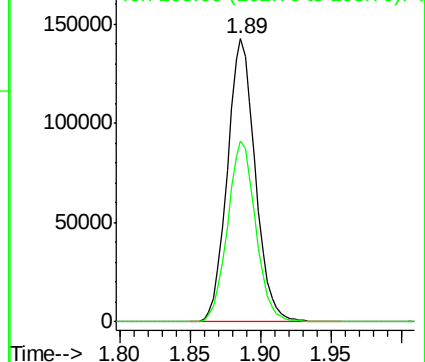
101 100

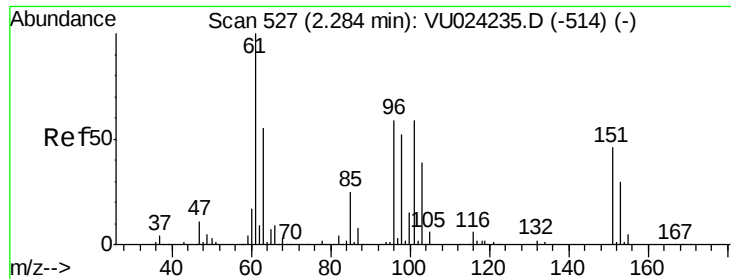
103 64.4 52.1 78.1



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: 52.31 ug/L

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

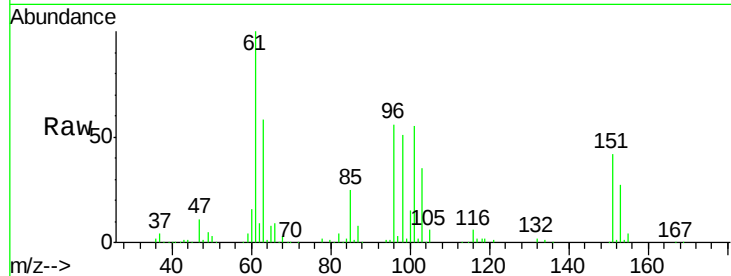
Tgt Ion: 101 Resp: 119738

Ion Ratio Lower Upper

101 100

85 44.8 35.0 52.6

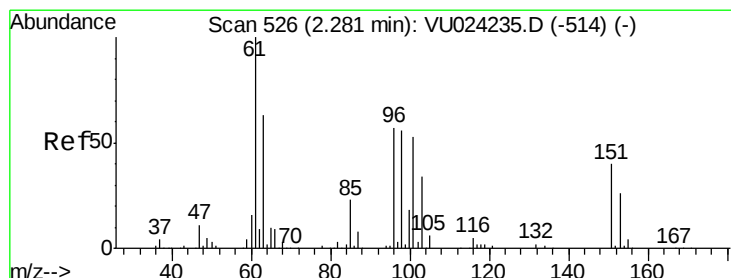
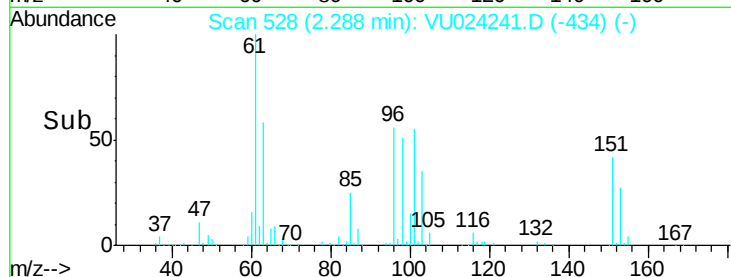
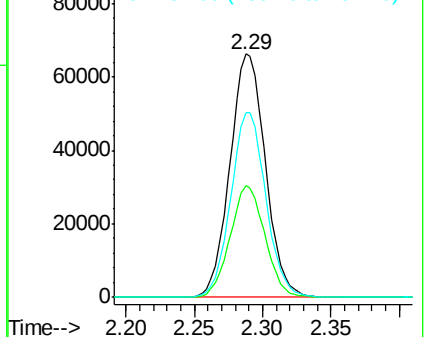
151 75.2 61.9 92.9



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: 49.87 ug/L

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

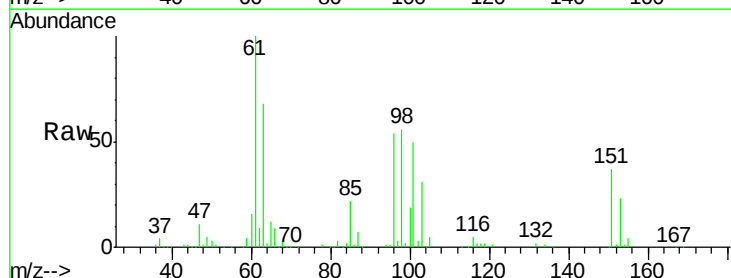
Tgt Ion: 96 Resp: 106587

Ion Ratio Lower Upper

96 100

61 183.6 124.2 230.6

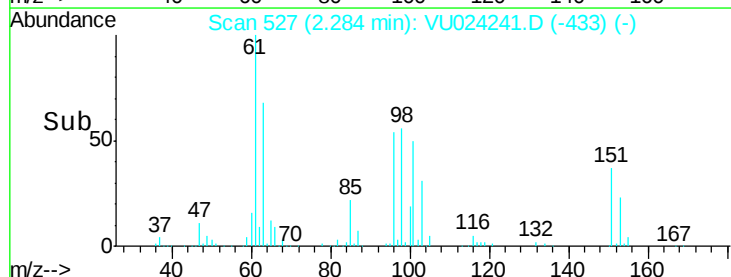
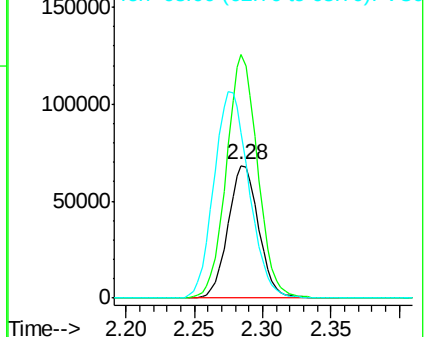
63 124.7 96.4 179.0

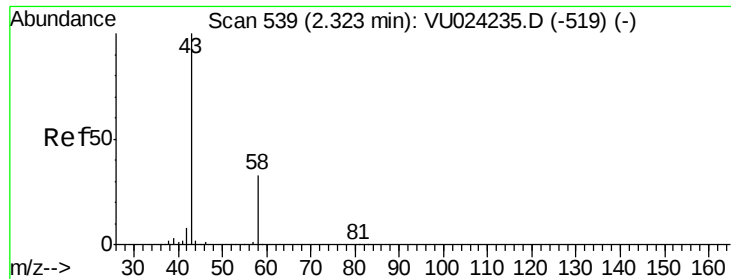


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 121.89 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024241.D

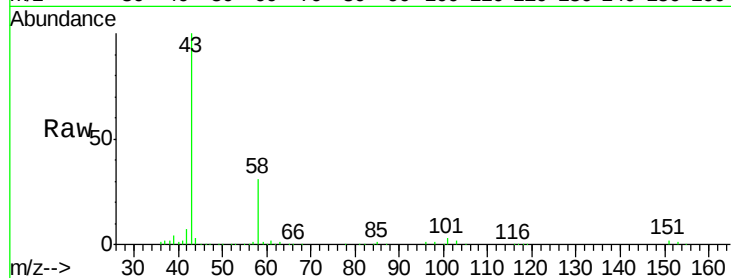
Acq: 30 May 2018 15:41

Tgt Ion: 43 Resp: 199789

Ion Ratio Lower Upper

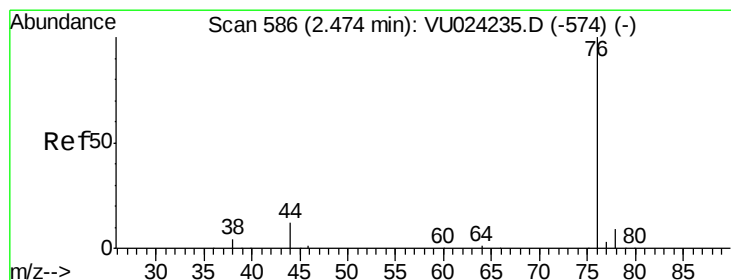
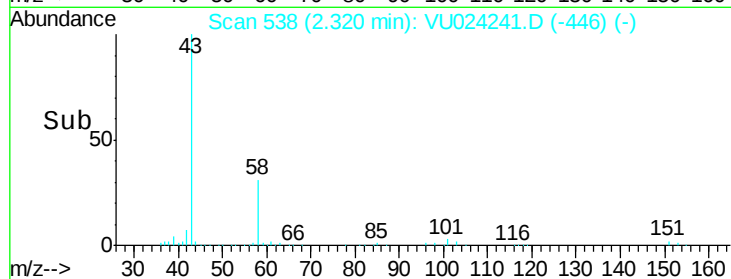
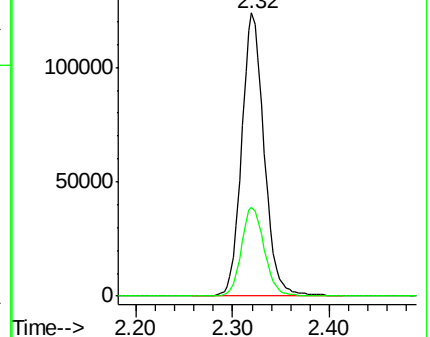
43 100

58 32.1 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon disulfide

Concen: 49.29 ug/L

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU024241.D

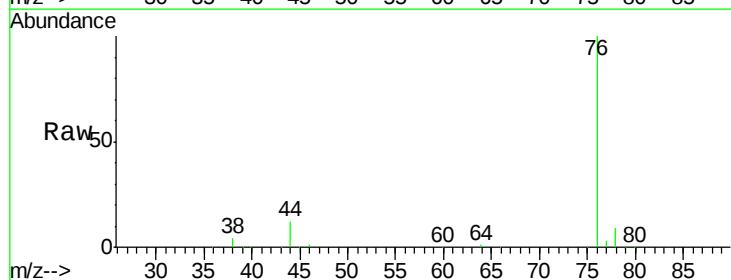
Acq: 30 May 2018 15:41

Tgt Ion: 76 Resp: 341641

Ion Ratio Lower Upper

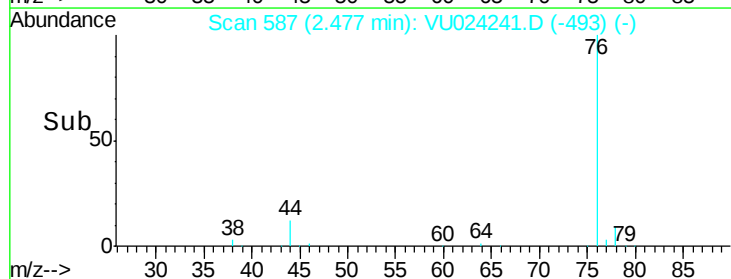
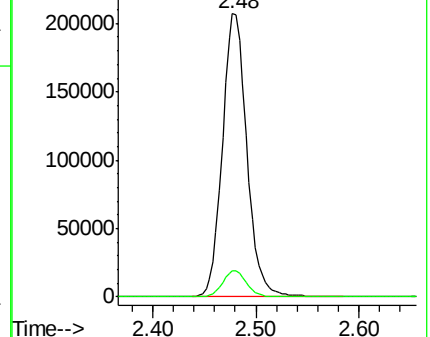
76 100

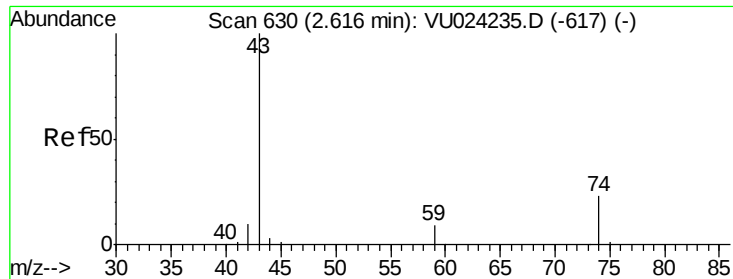
78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU0

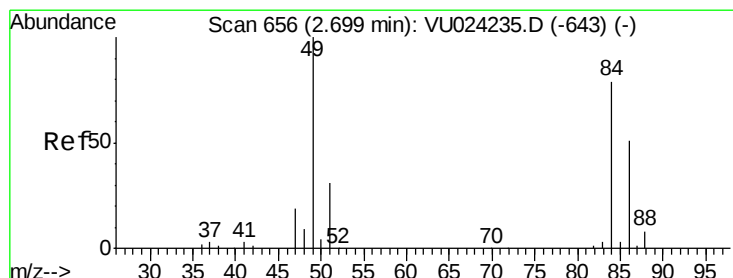
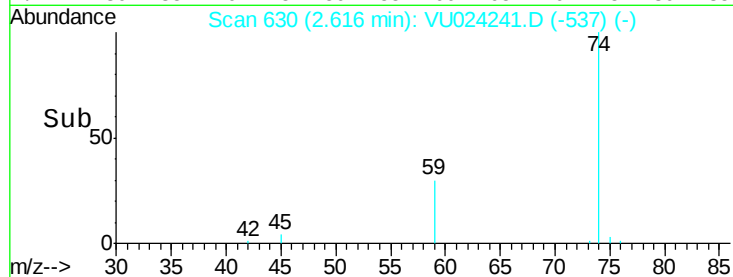
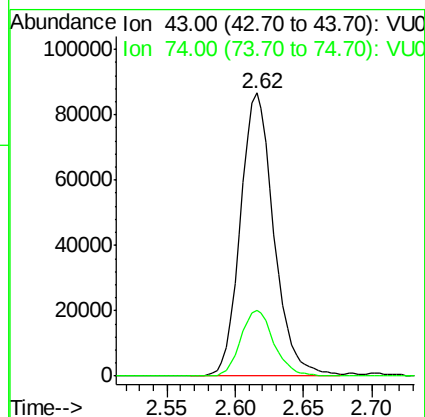
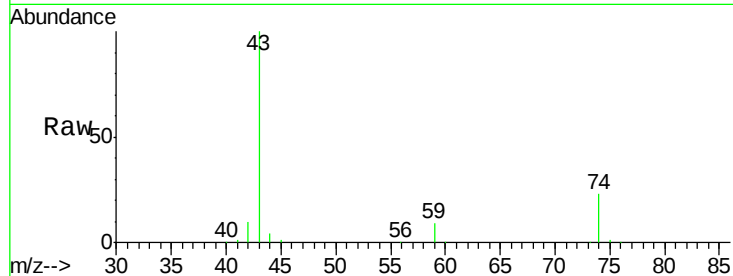
Ion 78.00 (77.70 to 78.70): VU0





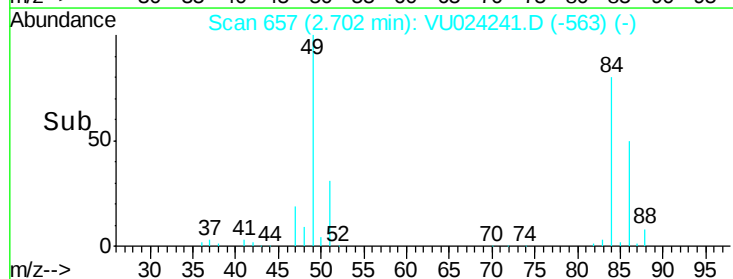
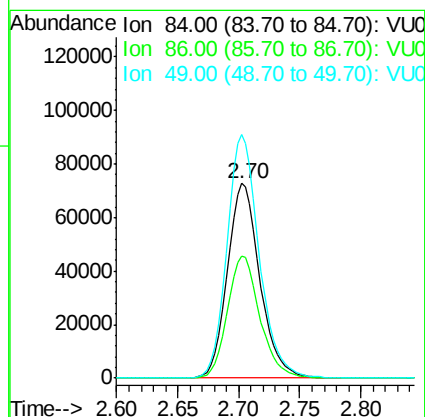
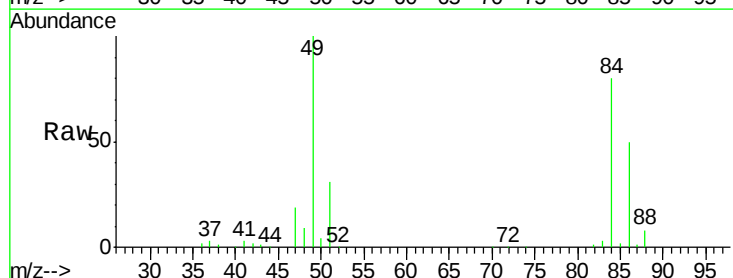
#15
Methyl Acetate
Concen: 49.44 ug/L
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024241.D
Acq: 30 May 2018 15:41

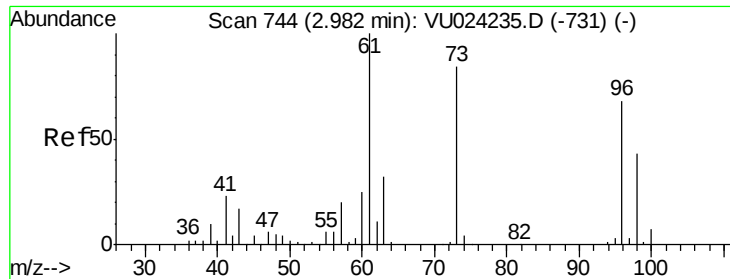
Tgt Ion: 43 Resp: 147717
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0



#16
Methylene chloride
Concen: 50.96 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU024241.D
Acq: 30 May 2018 15:41

Tgt Ion: 84 Resp: 135506
Ion Ratio Lower Upper
84 100
86 62.8 45.4 84.2
49 125.0 87.4 162.2





#17

trans-1,2-Dichloroethene

Concen: 51.21 ug/L

RT: 2.99 min Scan# 745

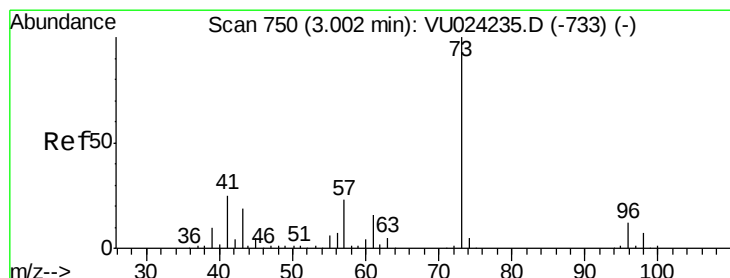
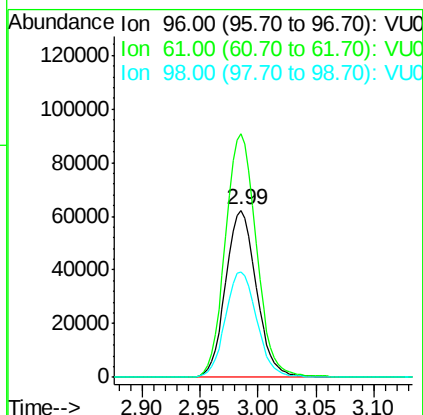
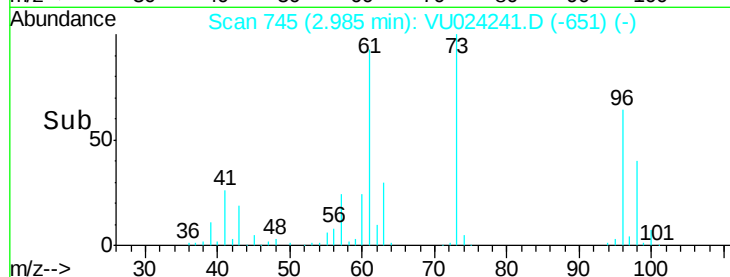
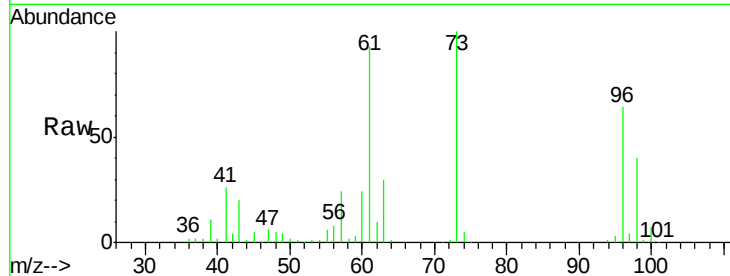
Delta R.T. 0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

Tgt Ion: 96 Resp: 114787

Ion	Ratio	Lower	Upper
96	100		
61	145.6	102.8	191.0
98	63.0	44.3	82.3



#18

Methyl tert-butyl Ether

Concen: 53.58 ug/L

RT: 3.00 min Scan# 749

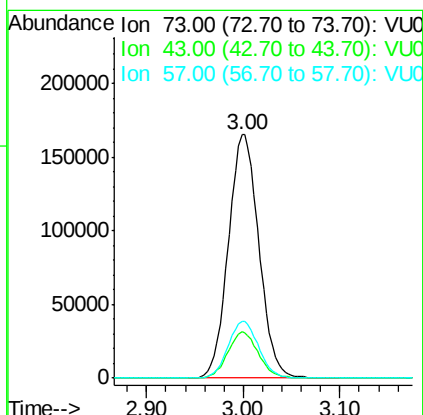
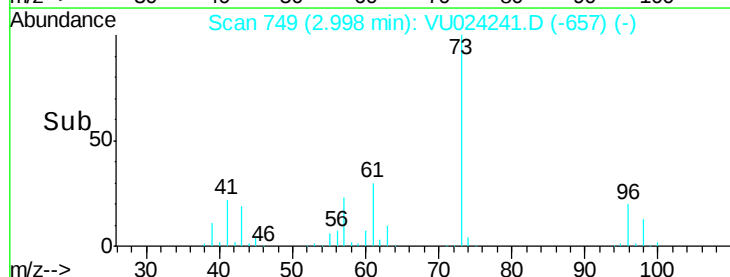
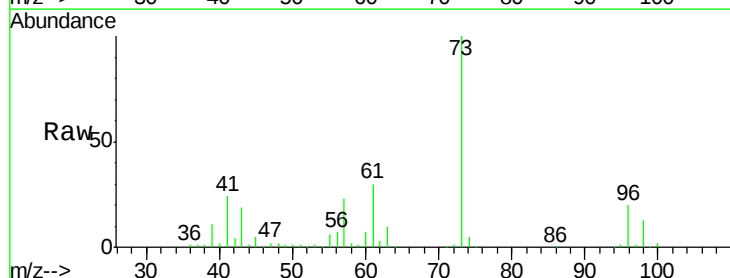
Delta R.T. -0.00 min

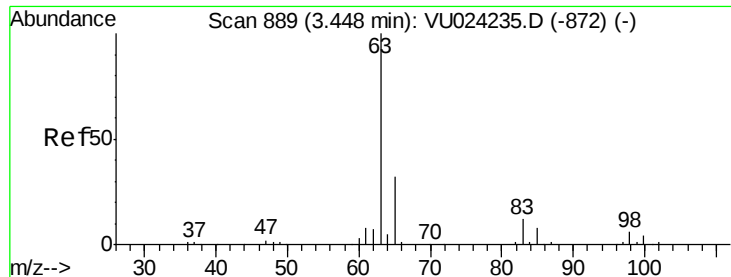
Lab File: VU024241.D

Acq: 30 May 2018 15:41

Tgt Ion: 73 Resp: 362213

Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.4	23.0
57	23.3	18.4	27.6





#19

1,1-Dichloroethane

Concen: 52.04 ug/L

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

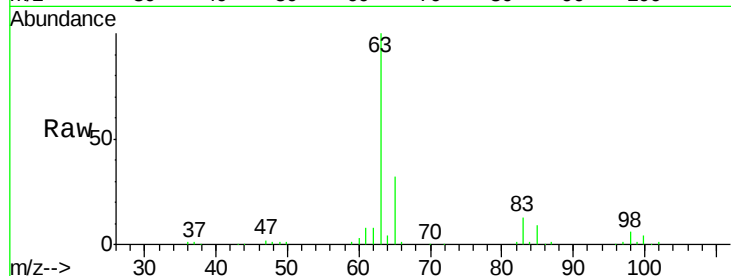
Tgt Ion: 63 Resp: 235001

Ion Ratio Lower Upper

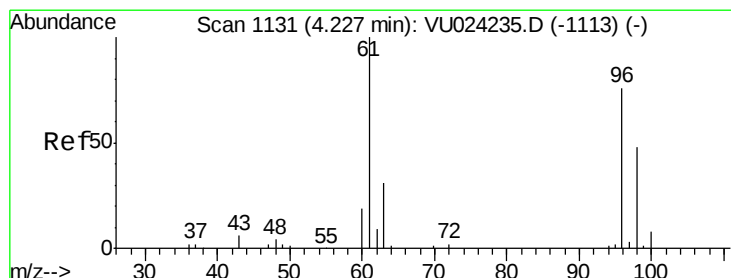
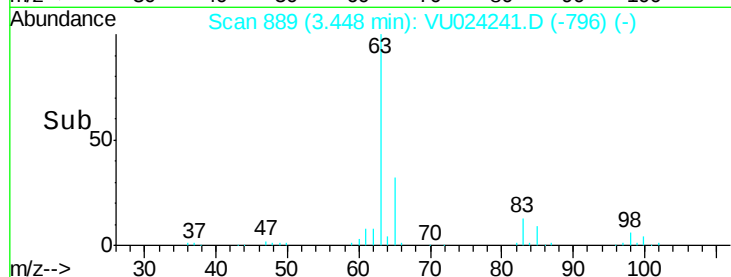
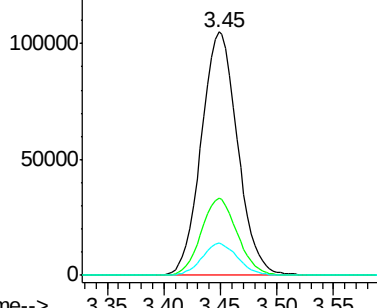
63 100

65 31.6 22.3 41.3

83 13.3 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: 52.19 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

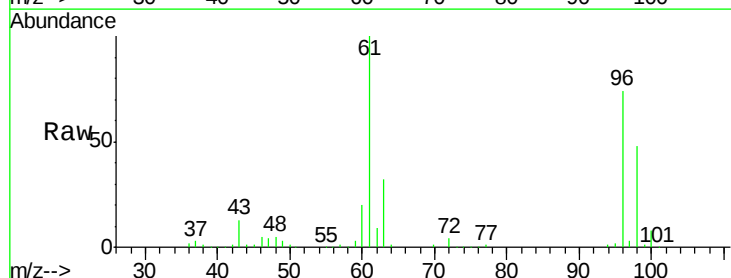
Tgt Ion: 96 Resp: 130791

Ion Ratio Lower Upper

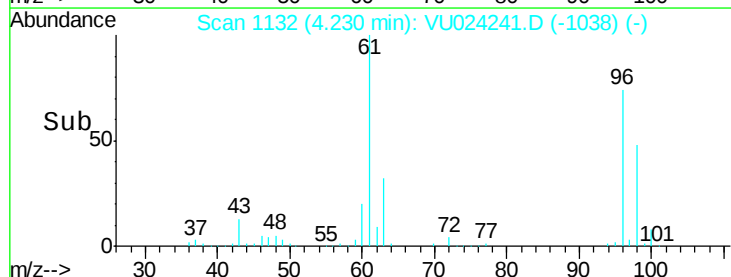
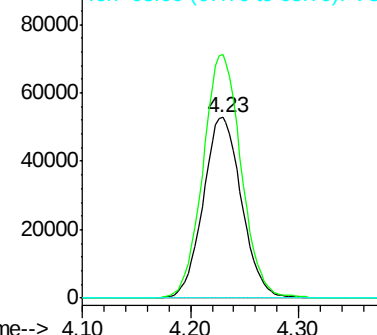
96 100

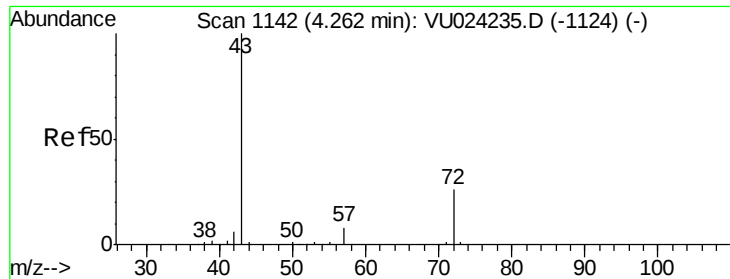
61 134.9 94.8 176.0

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: 106.60 ug/L

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU024241.D

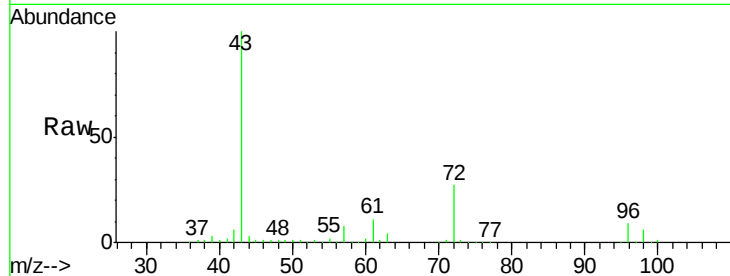
Acq: 30 May 2018 15:41

Tgt Ion: 43 Resp: 229119

Ion Ratio Lower Upper

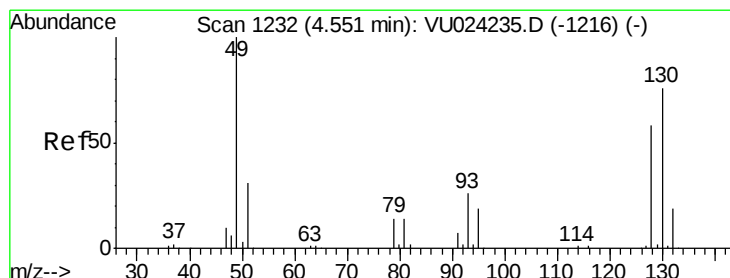
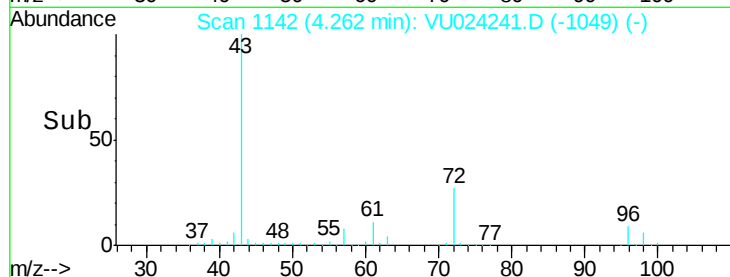
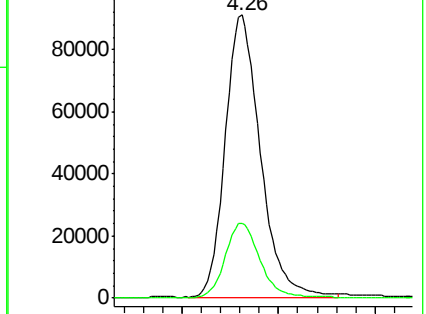
43 100

72 26.4 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: 52.55 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

Tgt Ion: 128 Resp: 68411

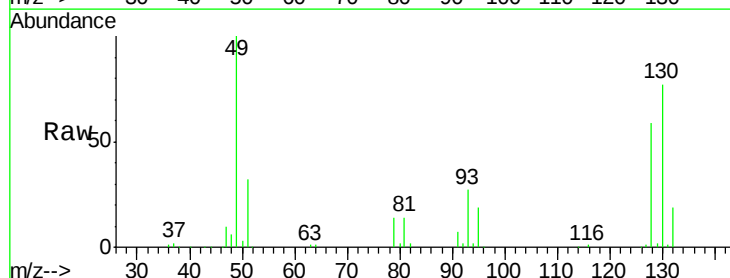
Ion Ratio Lower Upper

128 100

49 168.9 118.2 219.6

130 129.7 88.4 164.2

51 53.4 43.4 65.2

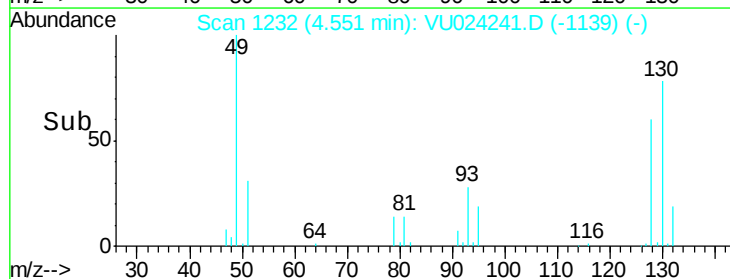
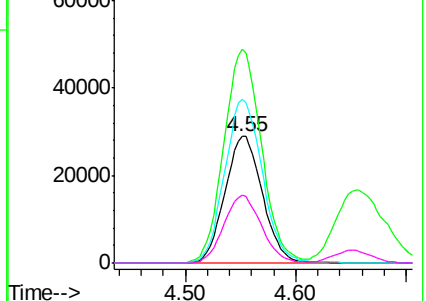


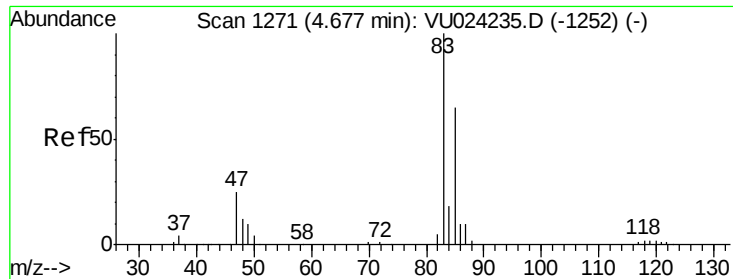
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V

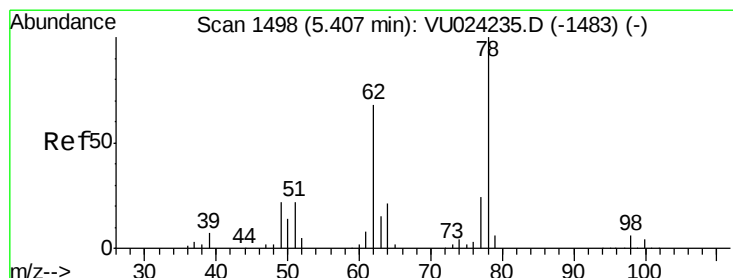
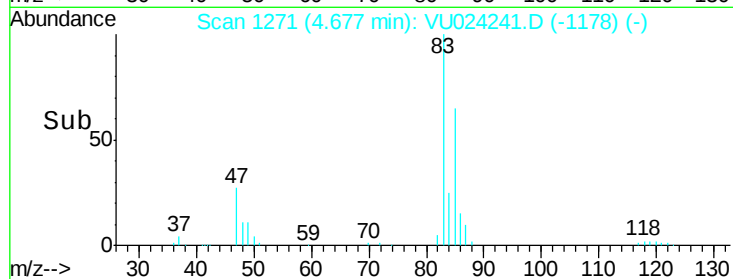
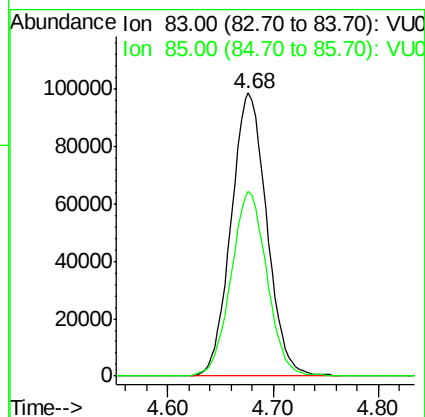
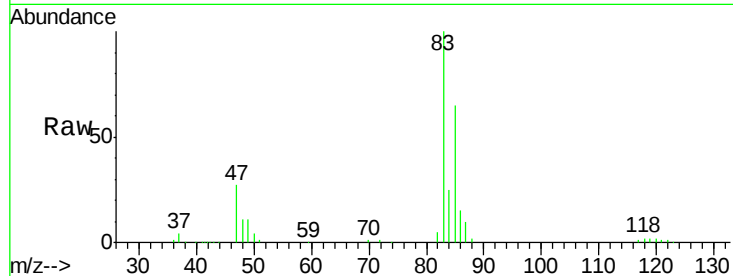
Ion 51.00 (50.70 to 51.70): VU0





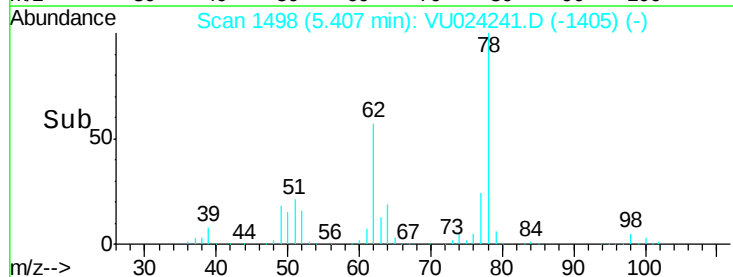
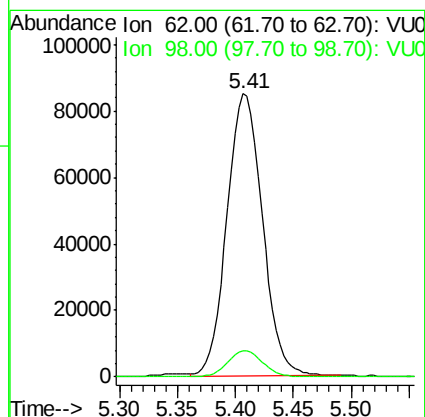
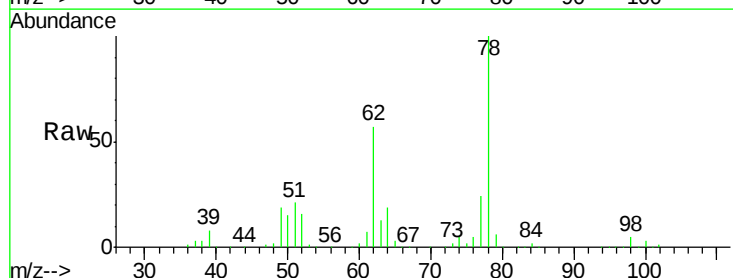
#25
Chloroform
Concen: 52.28 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024241.D
Acq: 30 May 2018 15:41

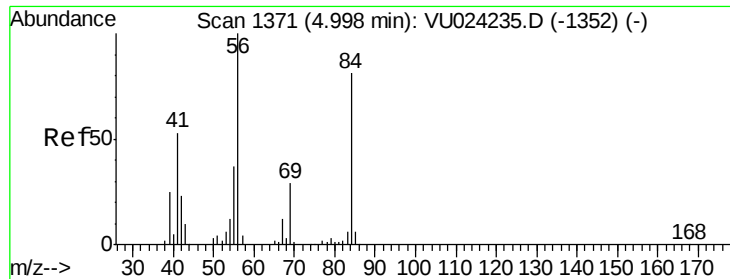
Tgt Ion: 83 Resp: 231553
Ion Ratio Lower Upper
83 100
85 65.4 44.4 82.4



#27
1,2-Dichloroethane
Concen: 51.30 ug/L
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024241.D
Acq: 30 May 2018 15:41

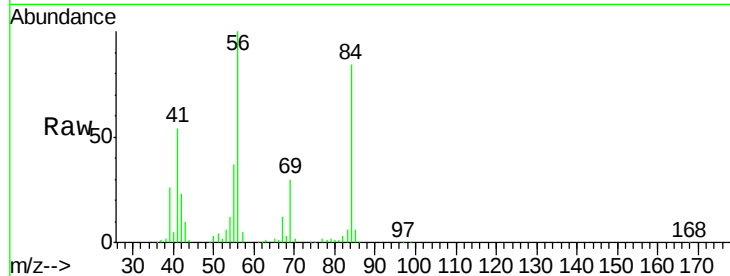
Tgt Ion: 62 Resp: 180415
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.0



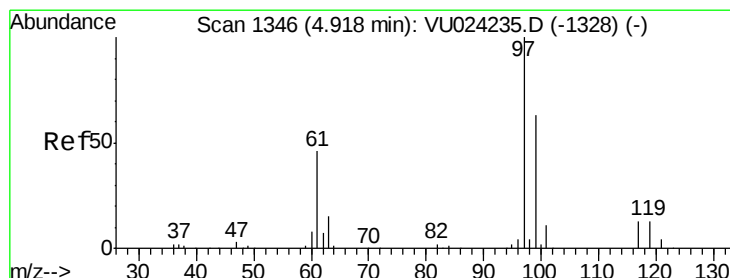
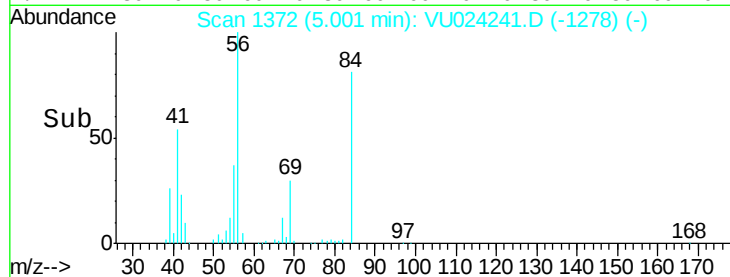
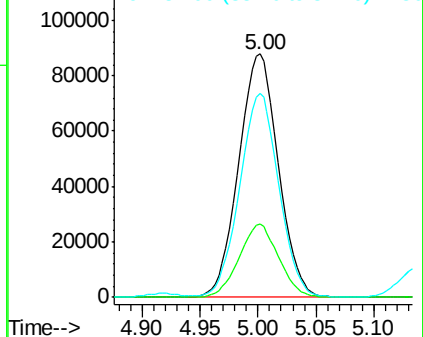


#29
Cyclohexane
Concen: 53.28 ug/L
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024241.D
Acq: 30 May 2018 15:41

Tgt Ion:	56	Resp:	208994
Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.9	35.9
84	82.9	66.0	99.0

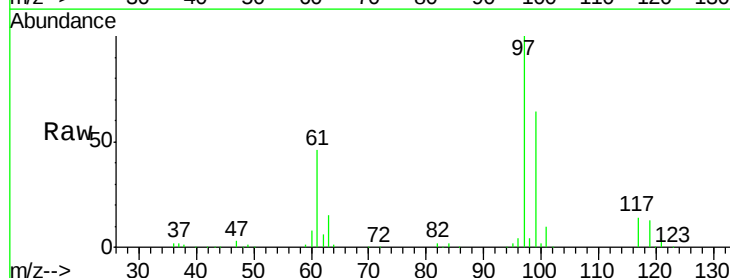


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

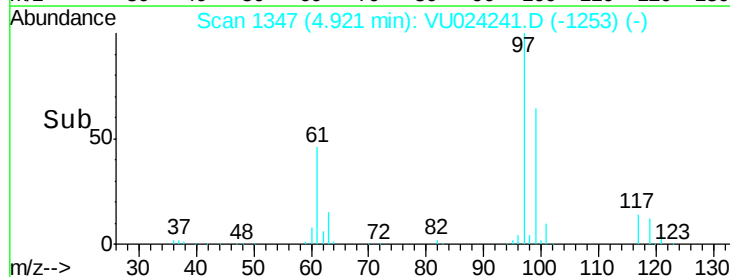
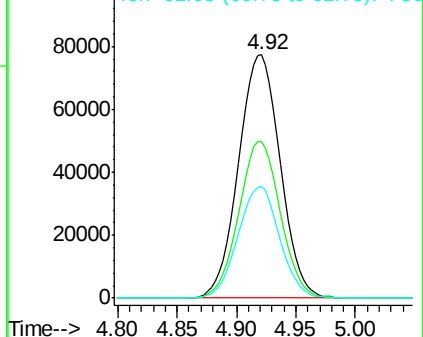


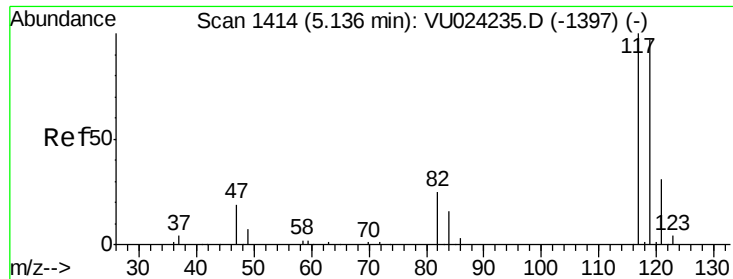
#30
1,1,1-Trichloroethane
Concen: 52.97 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024241.D
Acq: 30 May 2018 15:41

Tgt Ion:	97	Resp:	188005
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.8
61	45.7	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: 52.54 ug/L

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU024241.D

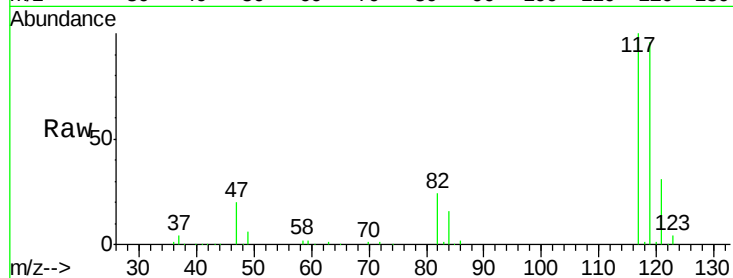
Acq: 30 May 2018 15:41

Tgt Ion:117 Resp: 163285

Ion Ratio Lower Upper

117 100

119 97.2 76.2 114.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

5.14

80000

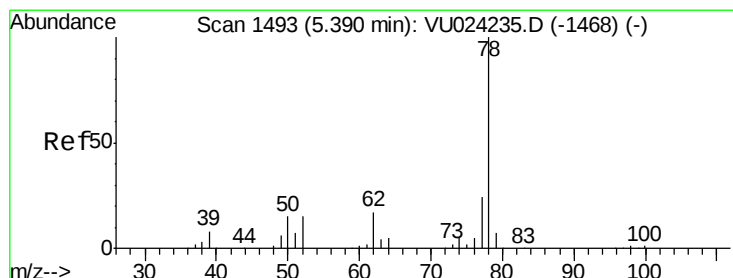
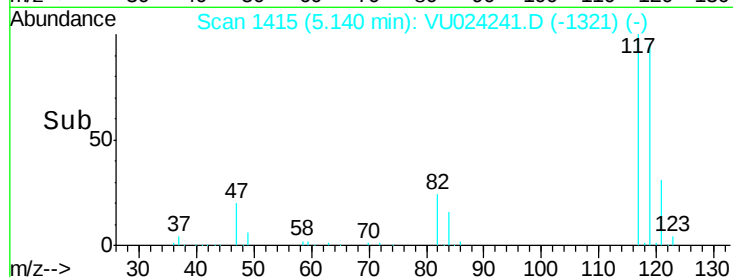
60000

40000

20000

0

Time-->



#33

Benzene

Concen: 51.68 ug/L

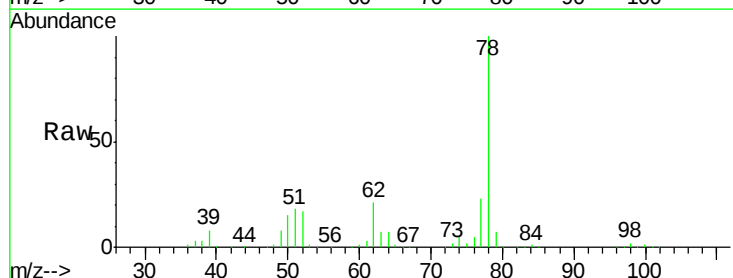
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

Tgt Ion: 78 Resp: 513987



Abundance Ion 78.00 (77.70 to 78.70): VU0

5.39

250000

200000

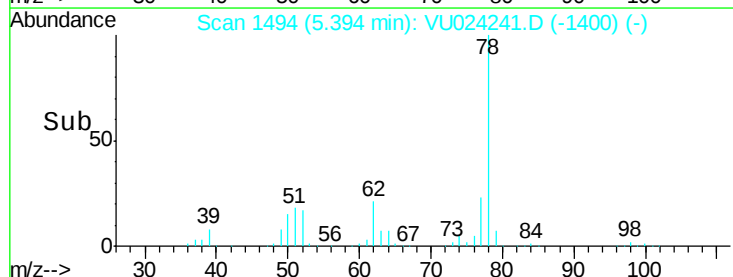
150000

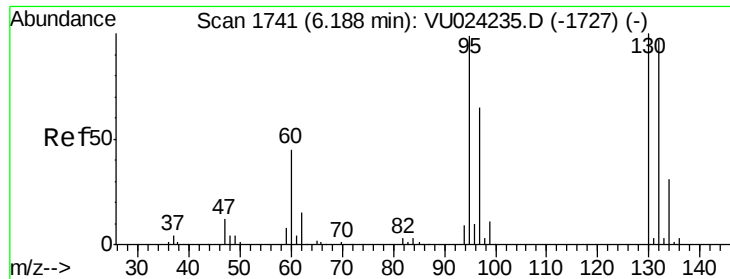
100000

50000

0

Time-->





#34

Trichloroethene

Concen: 45.48 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

Tgt Ion: 95 Resp: 127058

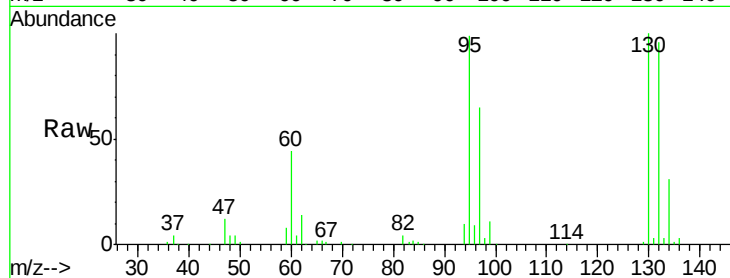
Ion Ratio Lower Upper

95 100

97 65.1 44.5 82.7

132 96.9 69.0 128.2

130 100.7 70.6 131.0

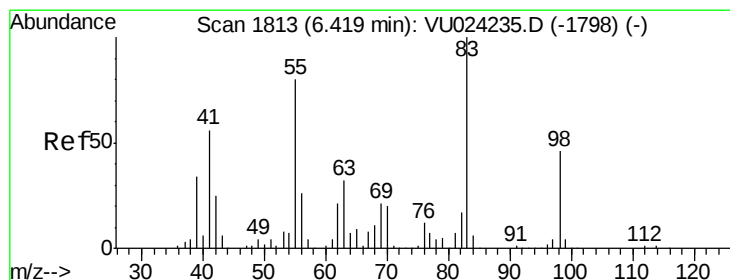
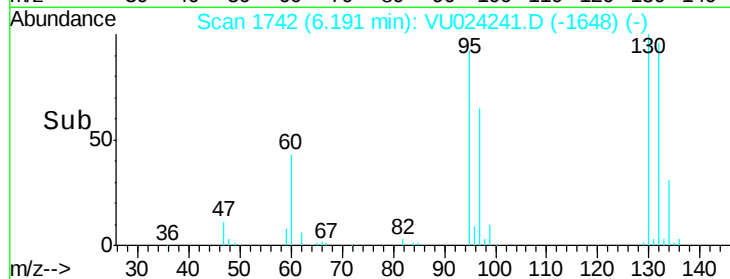
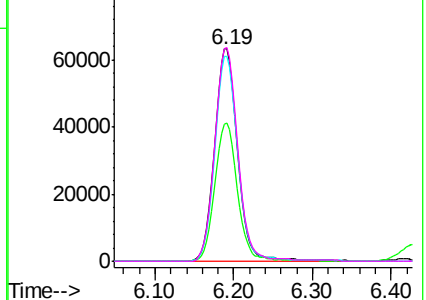


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 53.86 ug/L

RT: 6.42 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

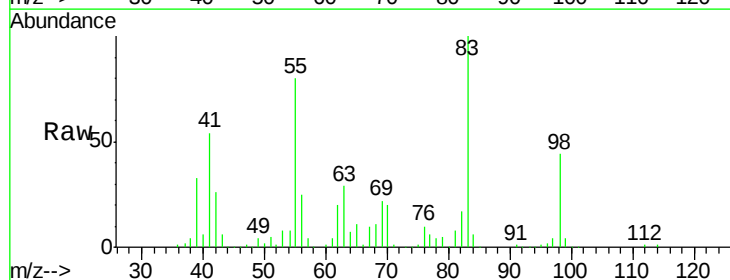
Tgt Ion: 83 Resp: 208237

Ion Ratio Lower Upper

83 100

55 80.8 64.1 96.1

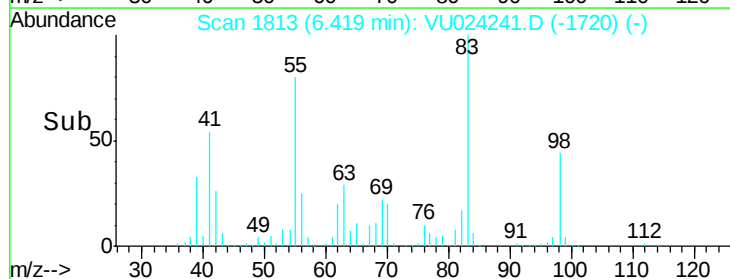
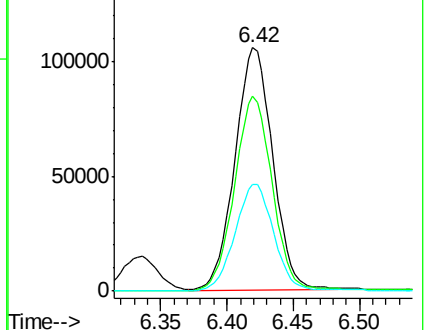
98 45.3 35.8 53.8

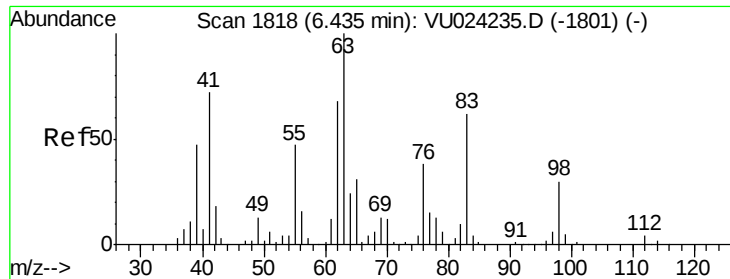


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

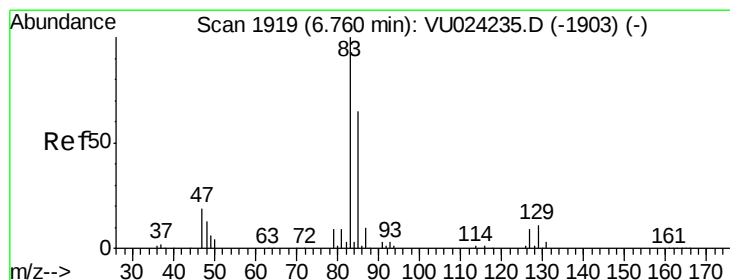
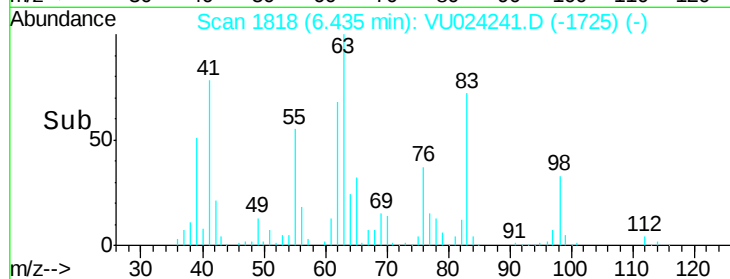
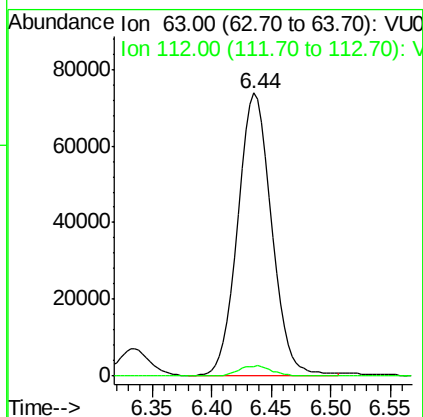
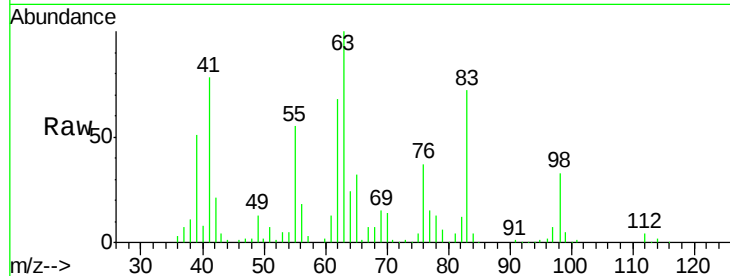
Ion 98.00 (97.70 to 98.70): VU0





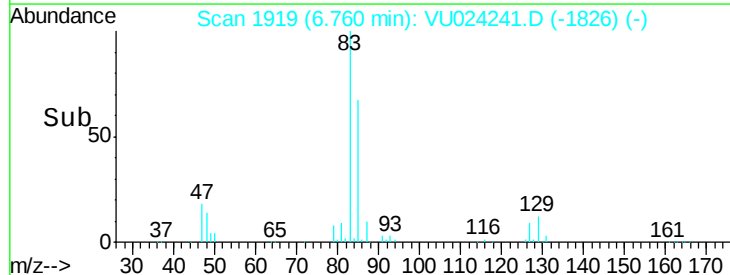
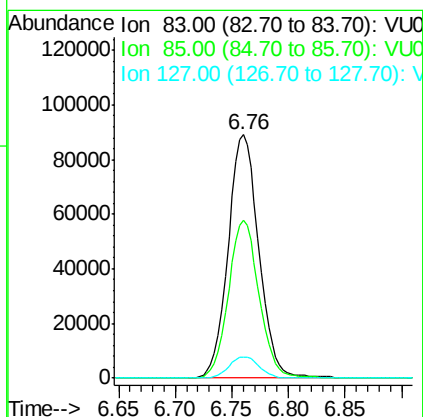
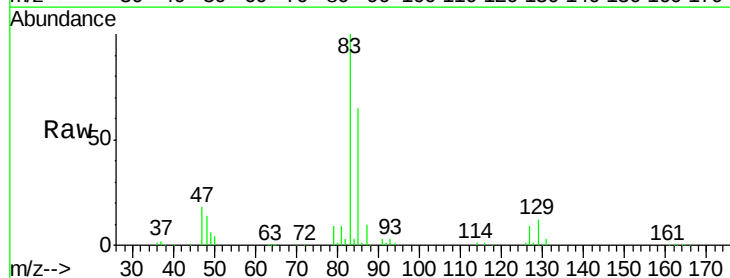
#37
 1,2-Dichloropropane
 Concen: 52.08 ug/L
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024241.D
 Acq: 30 May 2018 15:41

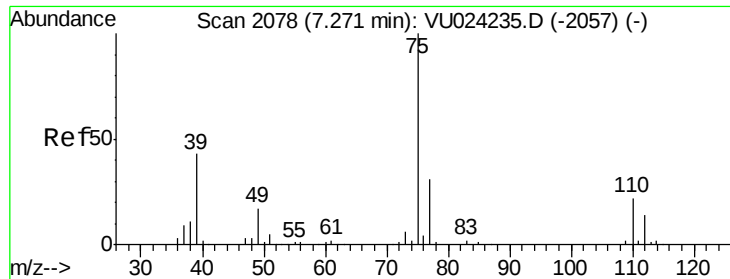
Tgt Ion: 63 Resp: 145271
 Ion Ratio Lower Upper
 63 100
 112 3.6 2.9 4.3



#38
 Bromodichloromethane
 Concen: 51.47 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU024241.D
 Acq: 30 May 2018 15:41

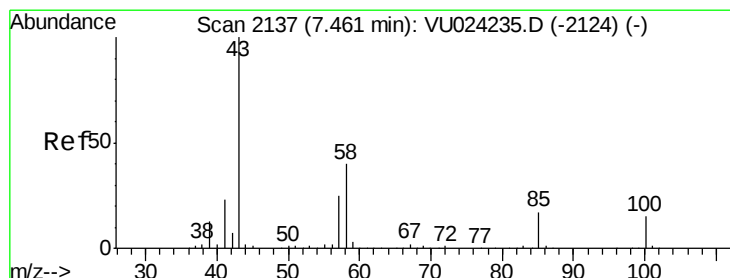
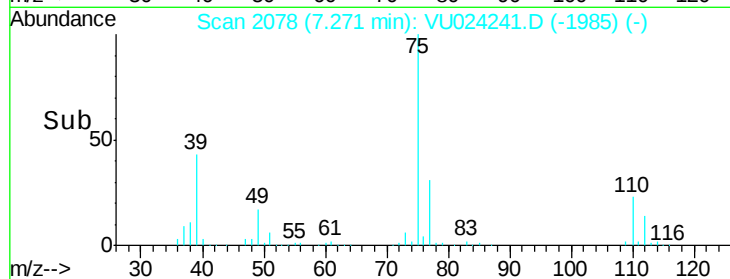
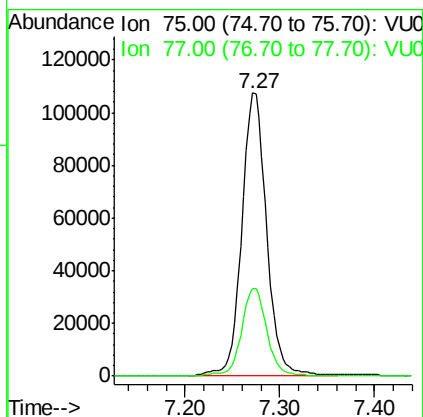
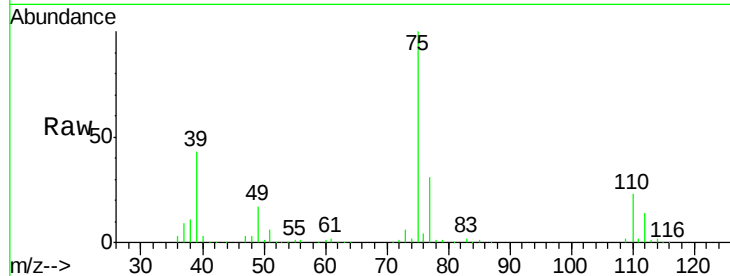
Tgt Ion: 83 Resp: 168727
 Ion Ratio Lower Upper
 83 100
 85 64.9 44.6 82.8
 127 8.7 6.8 10.2





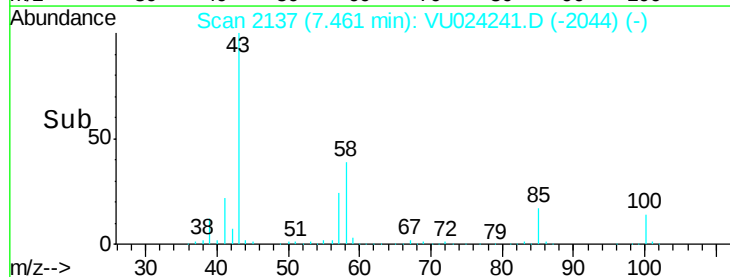
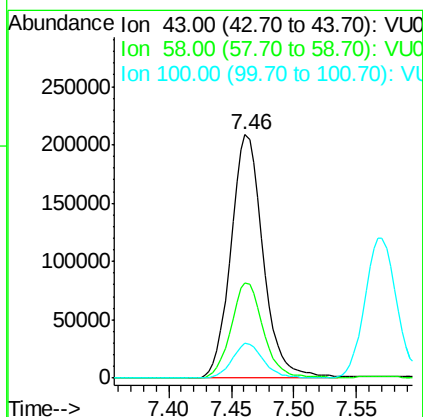
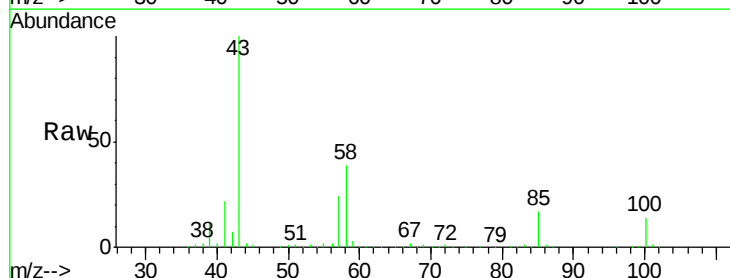
#39
 cis-1,3-Dichloropropene
 Concen: 53.43 ug/L
 RT: 7.27 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VU024241.D
 Acq: 30 May 2018 15:41

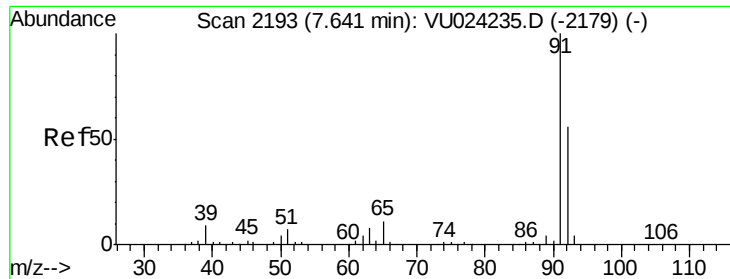
Tgt Ion: 75 Resp: 196774
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 98.51 ug/L
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024241.D
 Acq: 30 May 2018 15:41

Tgt Ion: 43 Resp: 372542
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.6 47.4
 100 14.1 11.5 17.3





#42

Toluene

Concen: 53.58 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024241.D

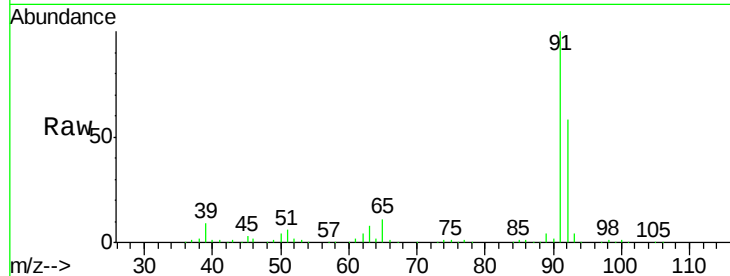
Acq: 30 May 2018 15:41

Tgt Ion: 91 Resp: 541074

Ion Ratio Lower Upper

91 100

92 57.8 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

7.64

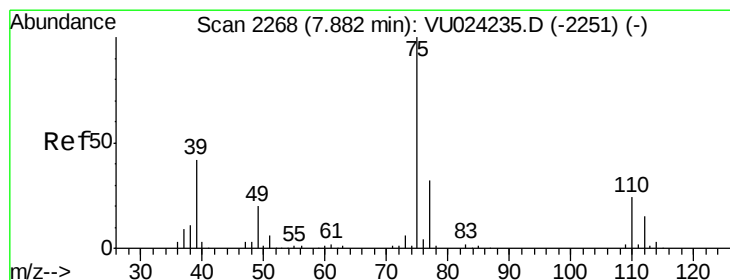
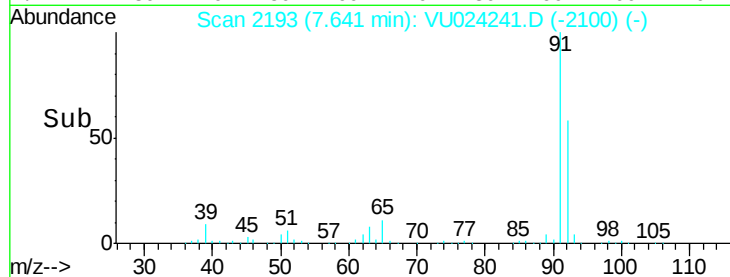
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 53.04 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024241.D

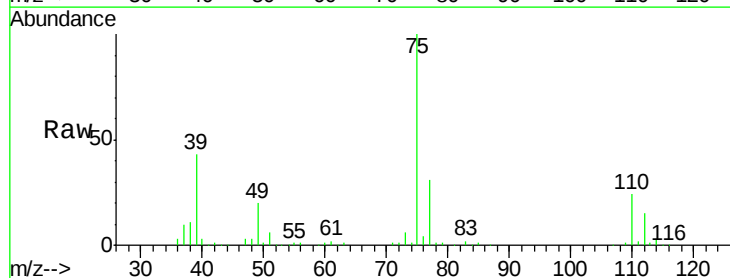
Acq: 30 May 2018 15:41

Tgt Ion: 75 Resp: 173949

Ion Ratio Lower Upper

75 100

77 31.4 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.88

100000

80000

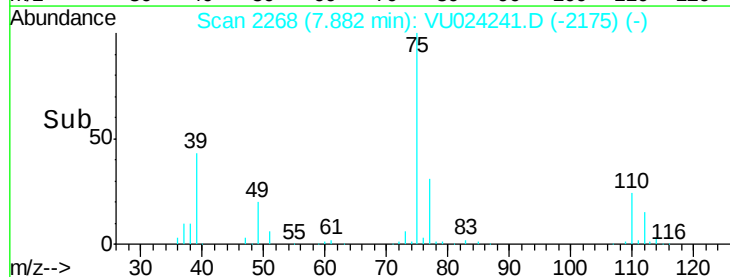
60000

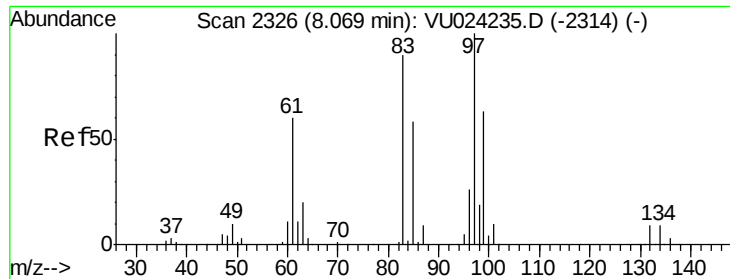
40000

20000

0

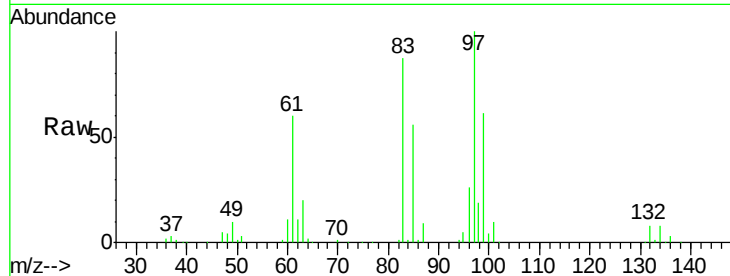
Time-->



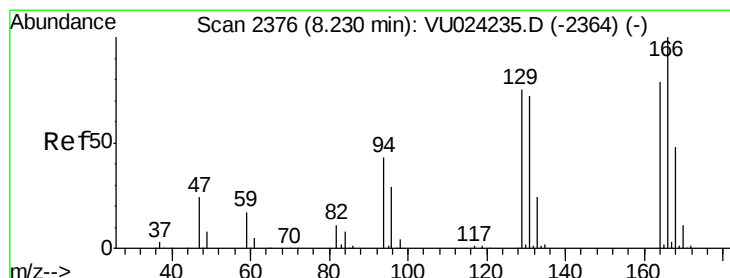
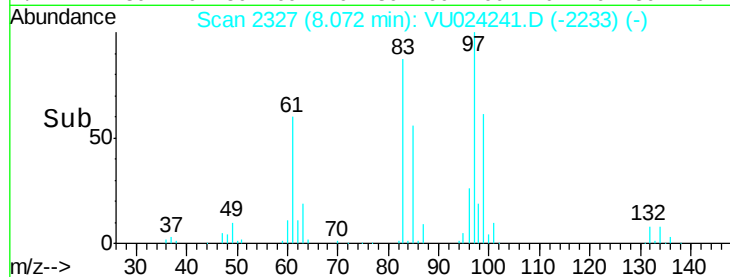
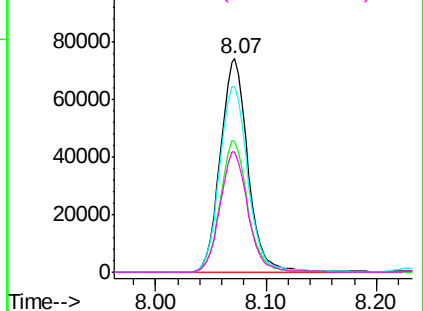


#45
 1,1,2-Trichloroethane
 Concen: 51.85 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024241.D
 Acq: 30 May 2018 15:41

Tgt Ion:	97	Resp:	128579
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.5	80.9
83	87.2	61.9	114.9
85	56.4	40.7	75.7

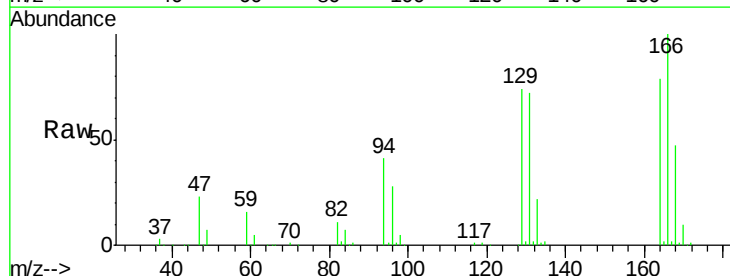


Abundance Ion 97.00 (96.70 to 97.70): VU024241.D (-2326) (-)

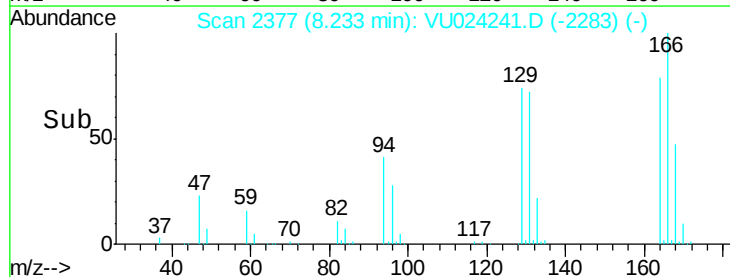
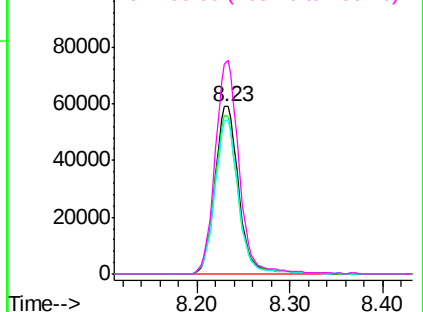


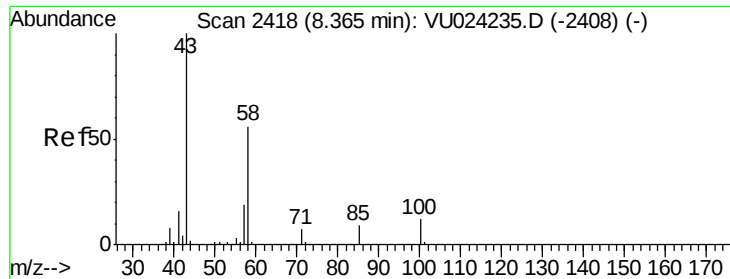
#46
 Tetrachloroethene
 Concen: 53.95 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU024241.D
 Acq: 30 May 2018 15:41

Tgt Ion:	164	Resp:	105455
Ion	Ratio	Lower	Upper
164	100		
129	94.2	66.6	123.6
131	91.8	64.5	119.9
166	127.4	89.3	165.9



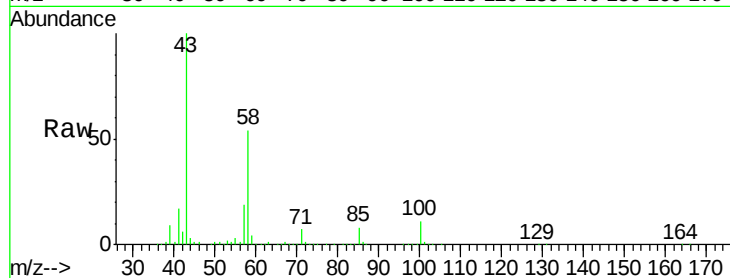
Abundance Ion 164.00 (163.70 to 164.70): VU024241.D (-2376) (-)



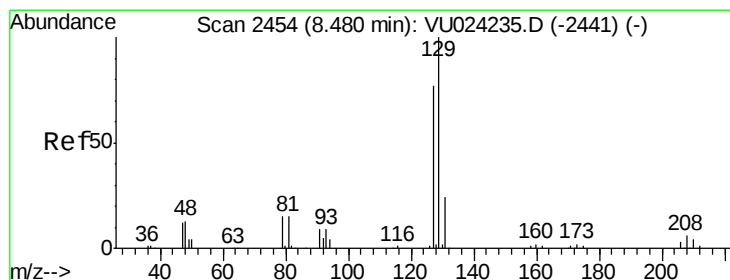
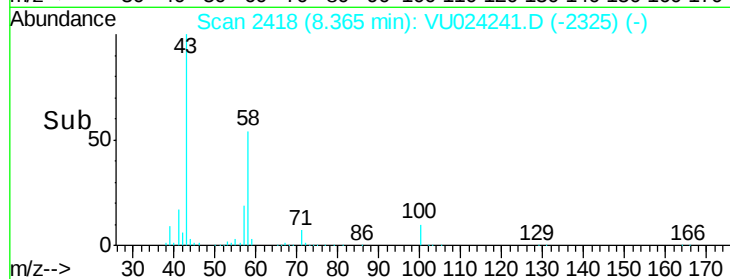
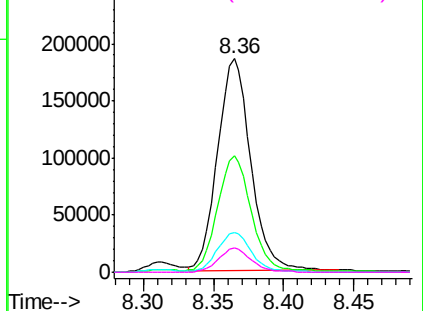


#48
2-Hexanone
Concen: 102.47 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU024241.D
Acq: 30 May 2018 15:41

Tgt Ion:	43	Resp:	305728
Ion	Ratio	Lower	Upper
43	100		
58	55.5	44.6	67.0
57	19.1	15.3	22.9
100	11.2	8.9	13.3

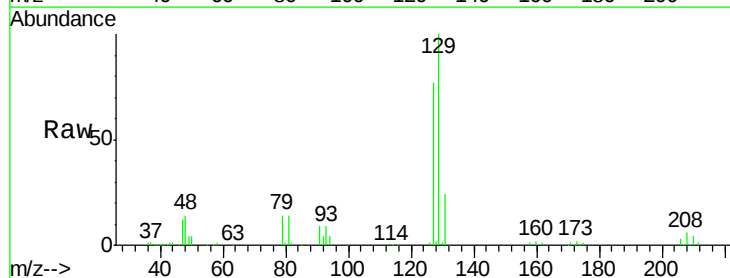


Abundance Ion 43.00 (42.70 to 43.70): VU024241.D (-2325) (-)
Ion 58.00 (57.70 to 58.70): VU024241.D (-2325) (-)
Ion 57.00 (56.70 to 57.70): VU024241.D (-2325) (-)
Ion 100.00 (99.70 to 100.70): VU024241.D (-2325) (-)

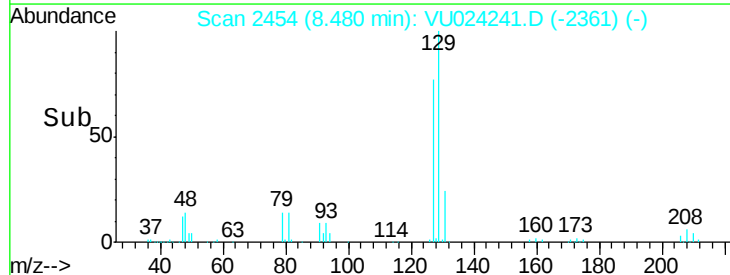
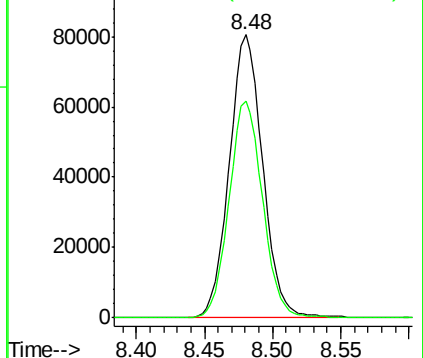


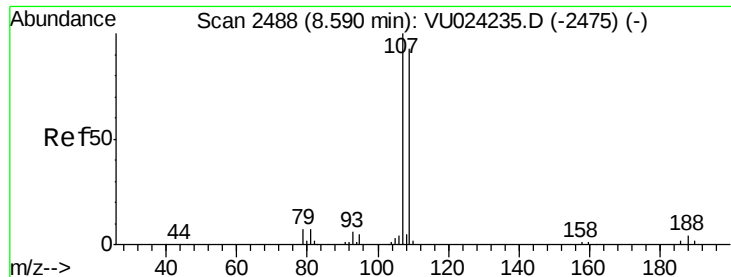
#49
Dibromochloromethane
Concen: 52.53 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024241.D
Acq: 30 May 2018 15:41

Tgt Ion:	129	Resp:	137028
Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.2	100.6



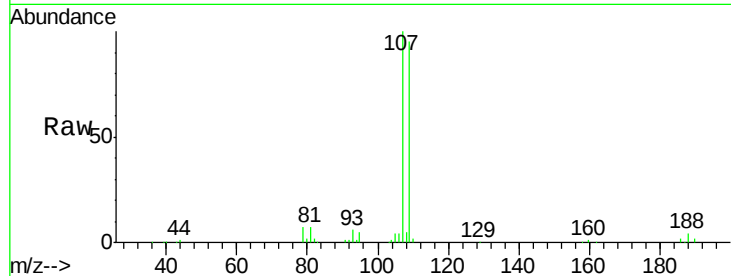
Abundance Ion 129.00 (128.70 to 129.70): VU024241.D (-2361) (-)
Ion 127.00 (126.70 to 127.70): VU024241.D (-2361) (-)



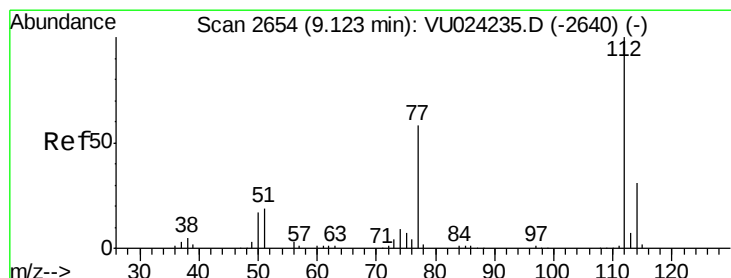
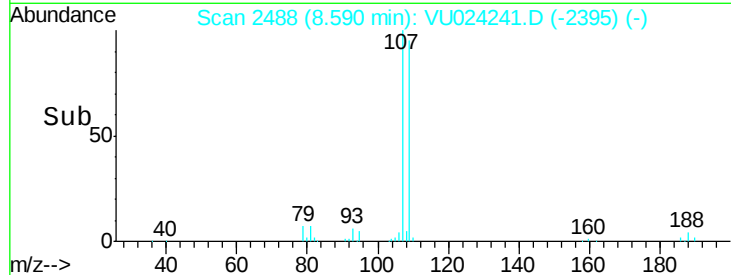
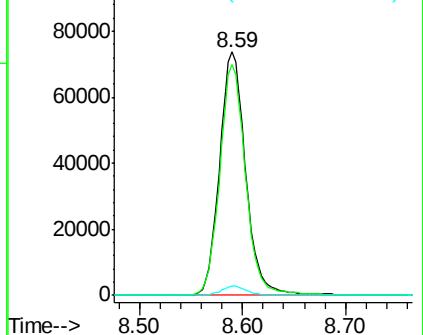


#50
1,2-Dibromoethane
Concen: 51.93 ug/L
RT: 8.59 min Scan# 2488
Delta R.T. -0.00 min
Lab File: VU024241.D
Acq: 30 May 2018 15:41

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.8	65.6	121.8
188	3.9	2.9	4.3

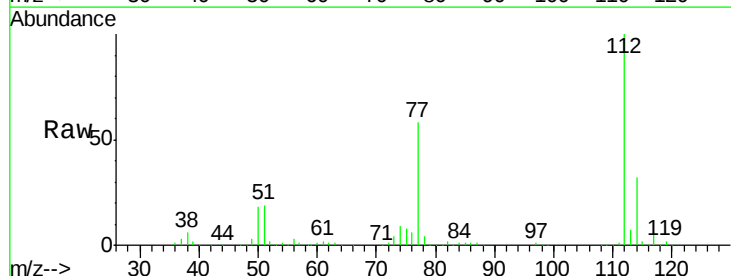


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

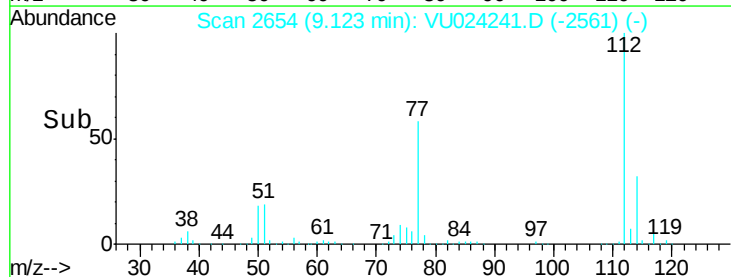
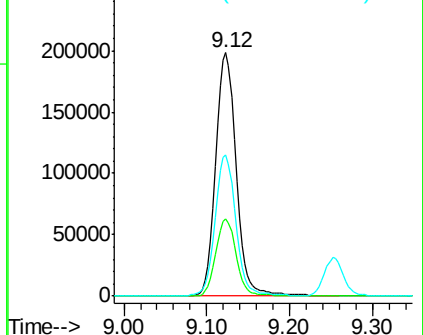


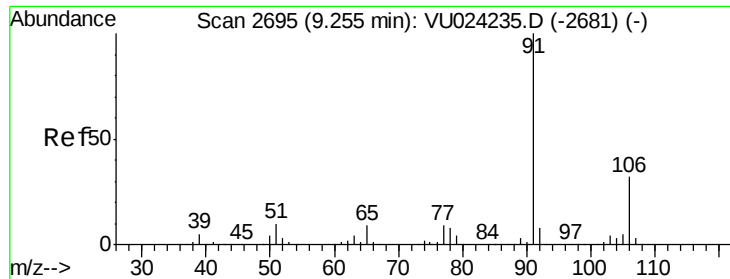
#51
Chlorobenzene
Concen: 51.91 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024241.D
Acq: 30 May 2018 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.5	41.9
77	58.2	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: 53.50 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU024241.D

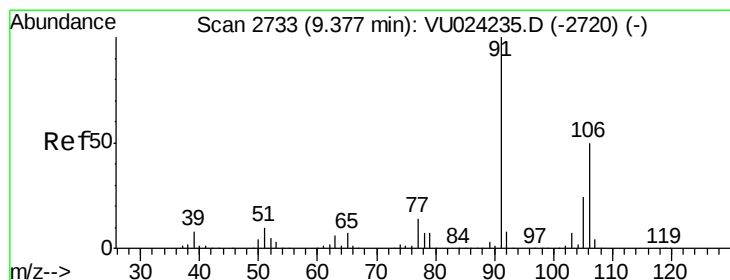
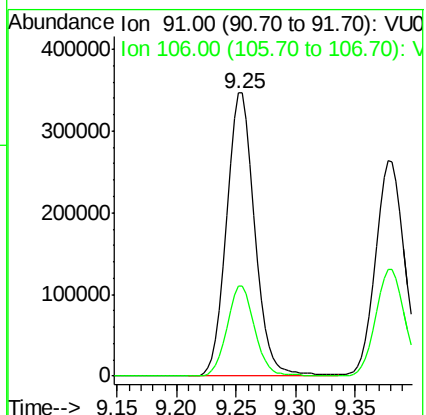
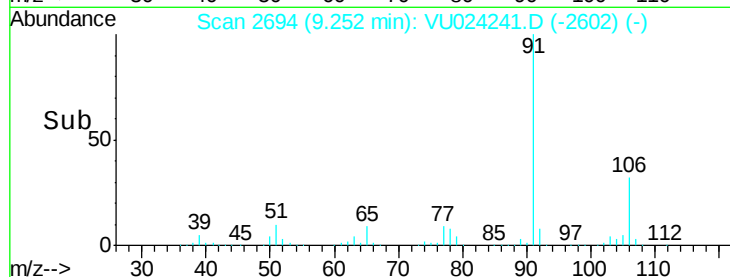
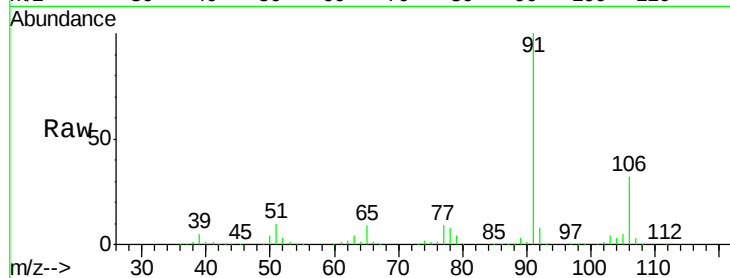
Acq: 30 May 2018 15:41

Tgt Ion: 91 Resp: 571056

Ion Ratio Lower Upper

91 100

106 31.6 22.0 41.0



#53

m,p-Xylene

Concen: 55.69 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU024241.D

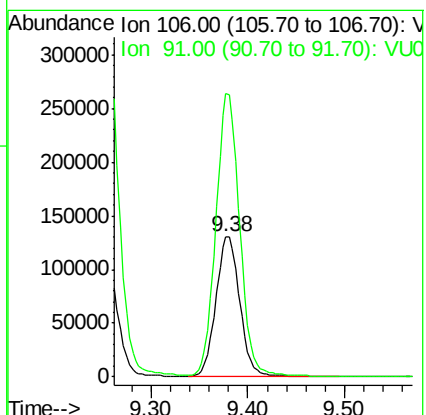
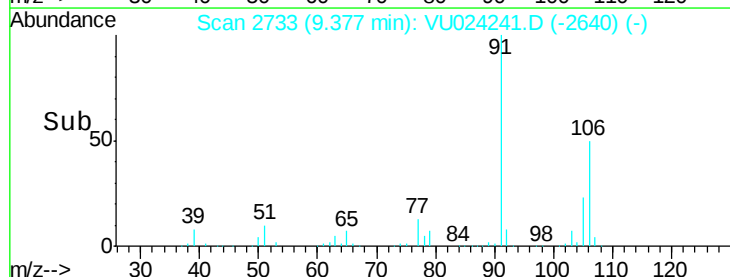
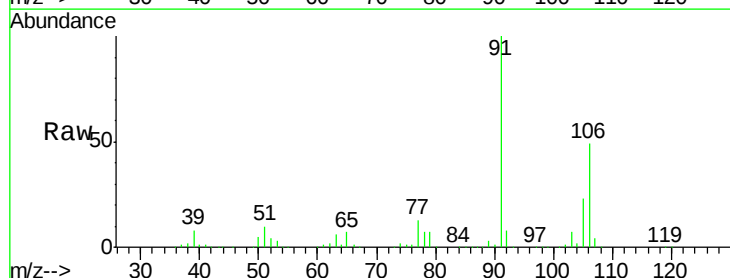
Acq: 30 May 2018 15:41

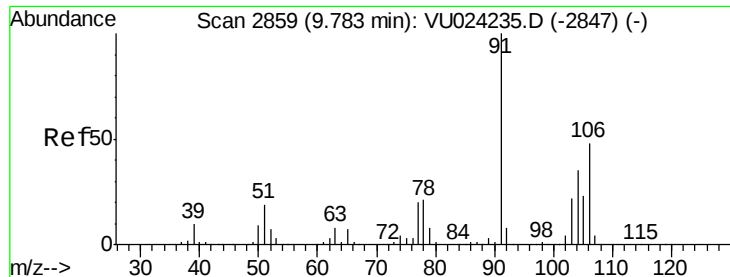
Tgt Ion: 106 Resp: 225195

Ion Ratio Lower Upper

106 100

91 202.0 141.9 263.5





#54

o-xylene

Concen: 54.48 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU024241.D

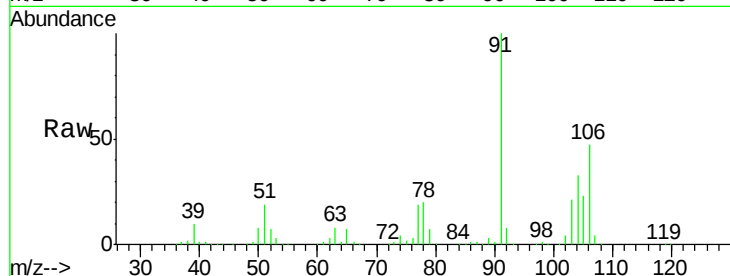
Acq: 30 May 2018 15:41

Tgt Ion:106 Resp: 220635

Ion Ratio Lower Upper

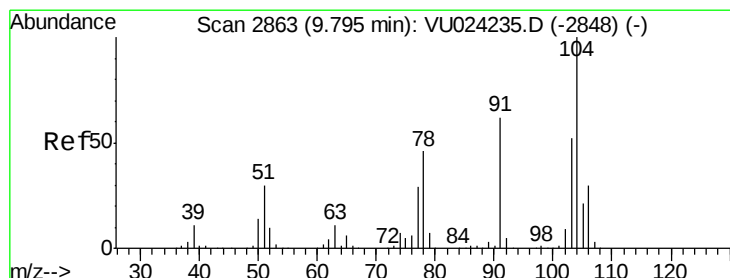
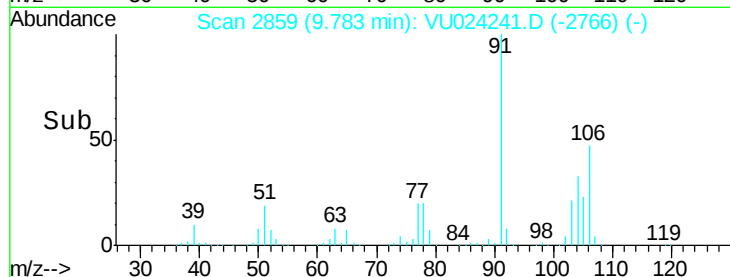
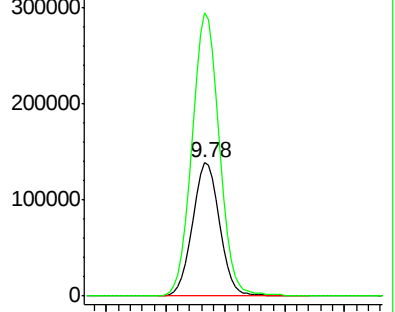
106 100

91 212.6 150.4 279.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 55.81 ug/L

RT: 9.80 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VU024241.D

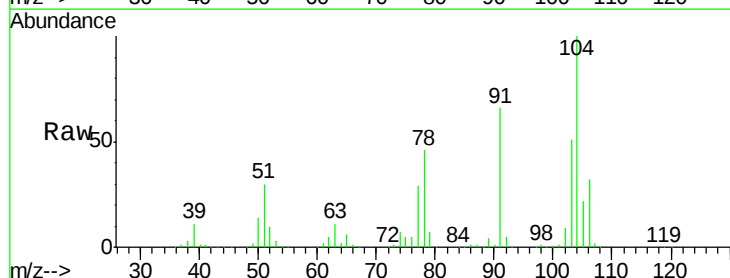
Acq: 30 May 2018 15:41

Tgt Ion:104 Resp: 373573

Ion Ratio Lower Upper

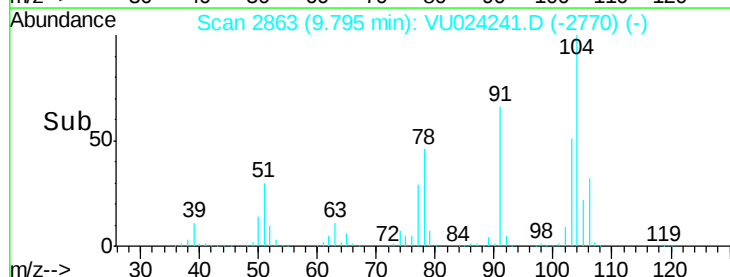
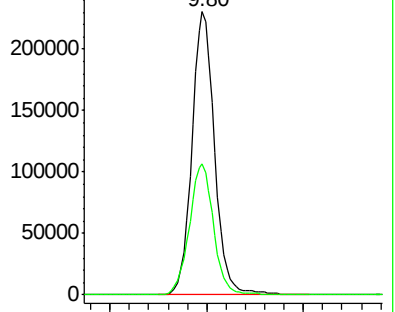
104 100

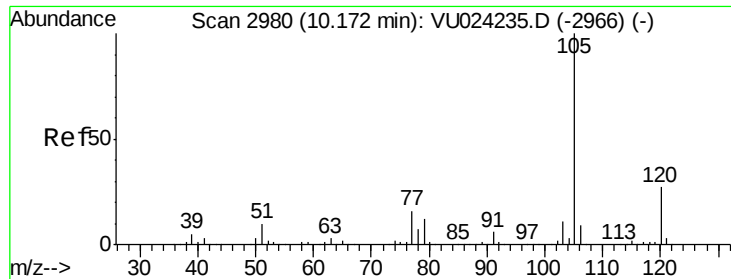
78 46.4 32.6 60.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 54.98 ug/L

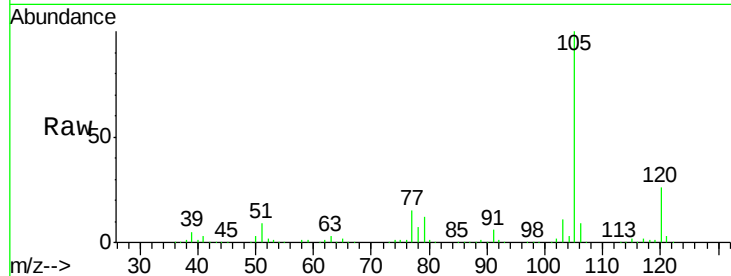
RT: 10.17 min Scan# 2980

Delta R.T. -0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

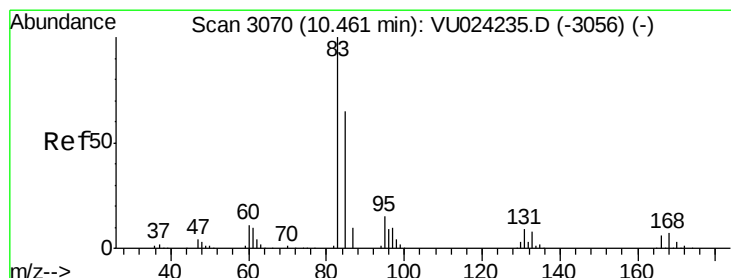
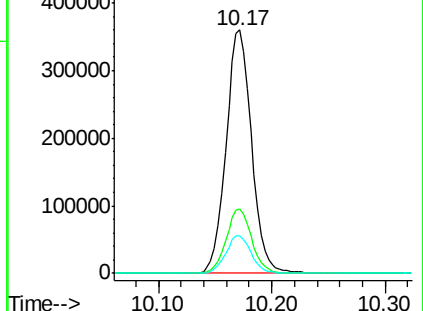
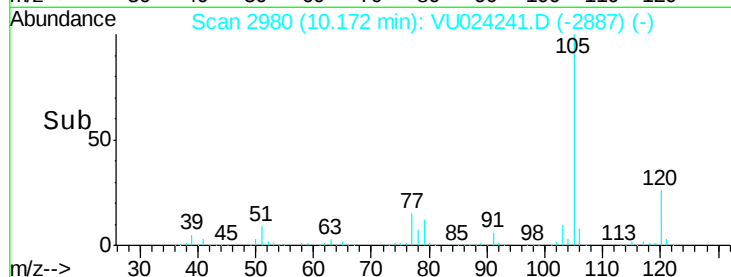
Tgt Ion:	105	Resp:	563589
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.4	32.0
77	15.5	12.5	18.7



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: 49.47 ug/L

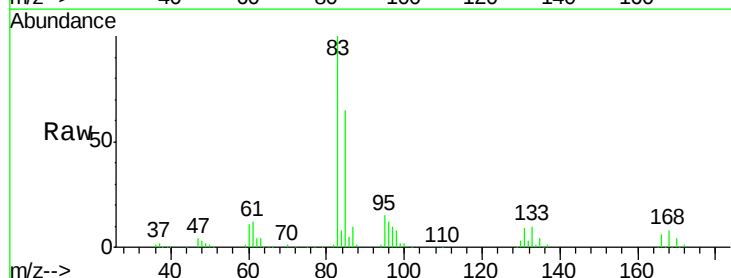
RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

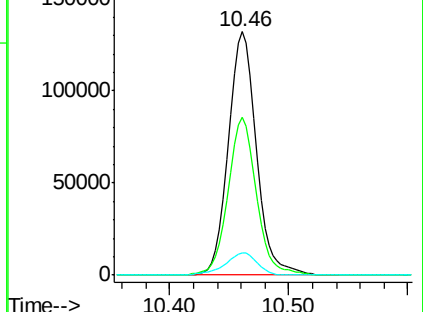
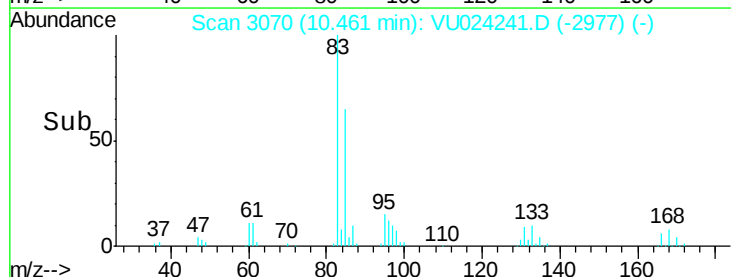
Tgt Ion:	83	Resp:	215795
Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.3	84.1
131	9.3	7.6	11.4

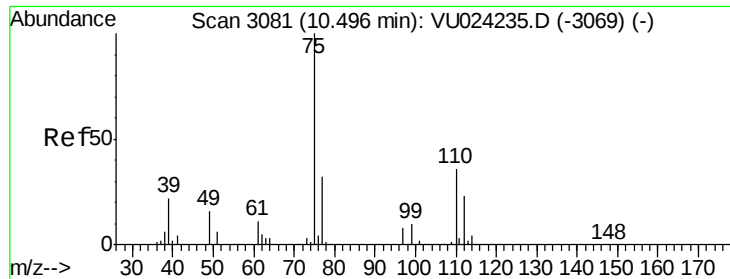


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

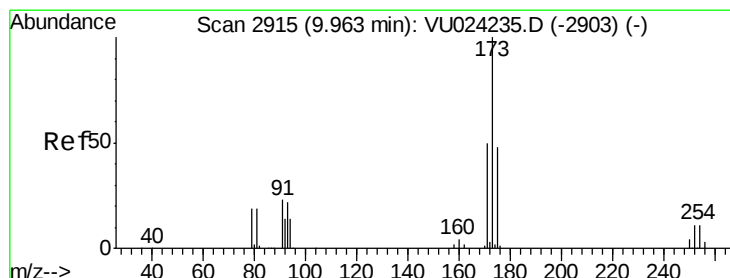
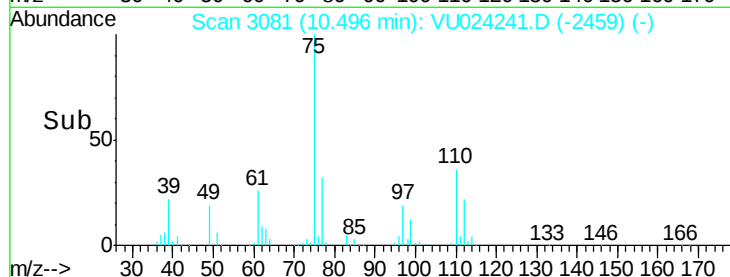
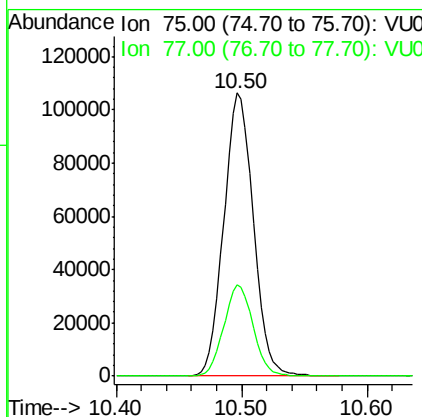
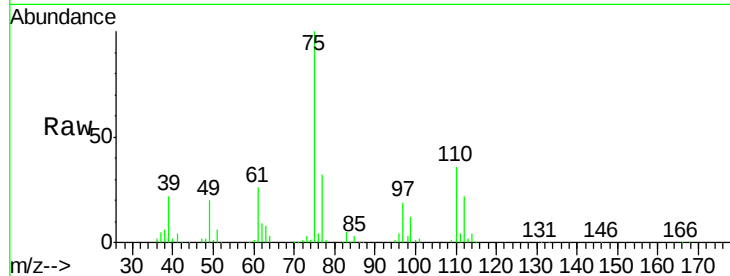
Ion 131.00 (130.70 to 131.70): V





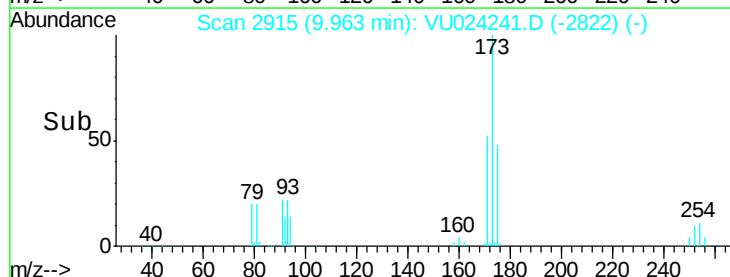
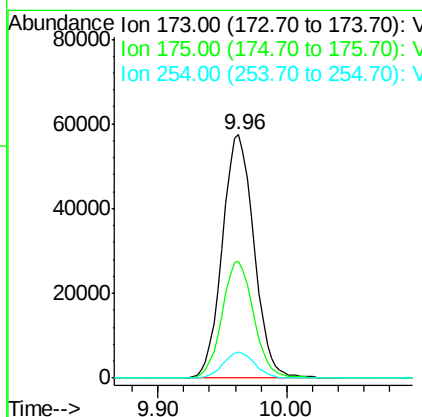
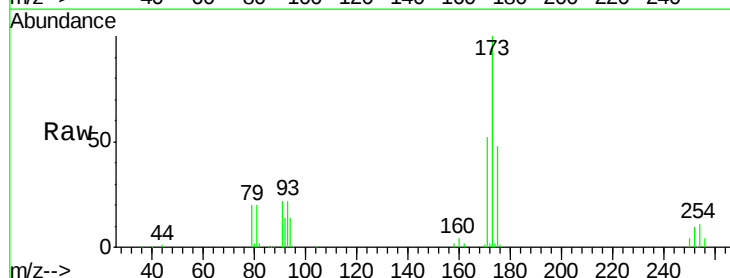
#59
 1,2,3-Trichloropropane
 Concen: 49.81 ug/L
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU024241.D
 Acq: 30 May 2018 15:41

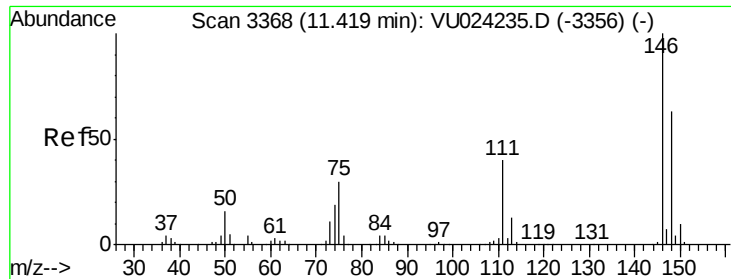
Tgt Ion: 75 Resp: 173903
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.5 38.3



#61
 Bromoform
 Concen: 48.64 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU024241.D
 Acq: 30 May 2018 15:41

Tgt Ion: 173 Resp: 98003
 Ion Ratio Lower Upper
 173 100
 175 47.8 38.5 57.7
 254 10.5 8.7 13.1





#62

1,3-Dichlorobenzene

Concen: 51.46 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

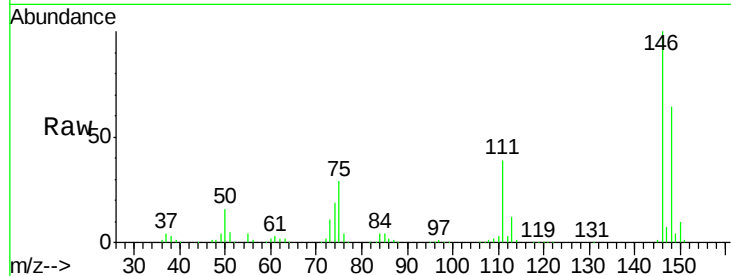
Tgt Ion:146 Resp: 245609

Ion Ratio Lower Upper

146 100

111 39.2 27.6 51.4

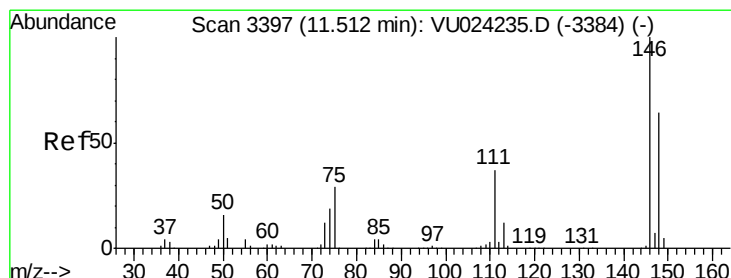
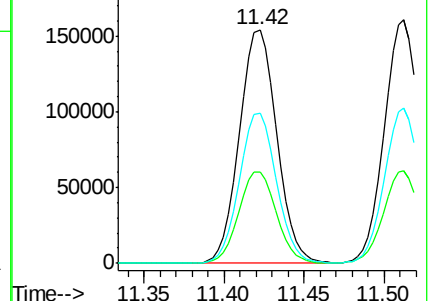
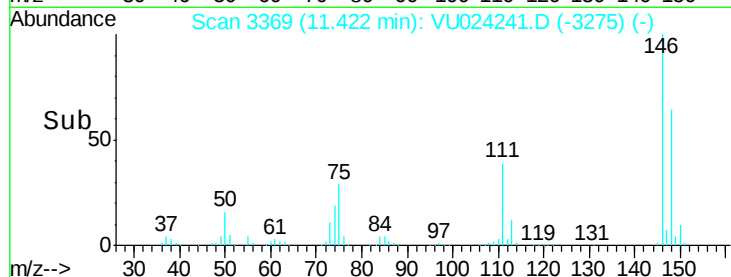
148 64.4 44.2 82.2



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: 52.06 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. -0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

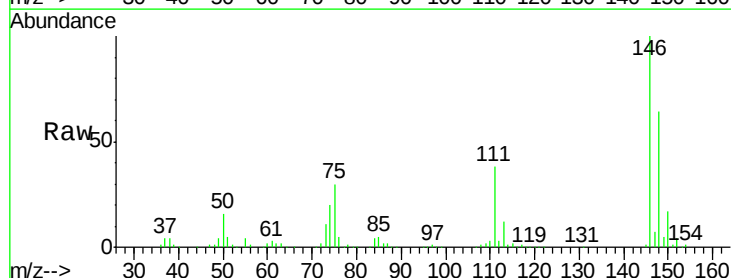
Tgt Ion:146 Resp: 254278

Ion Ratio Lower Upper

146 100

111 38.0 26.9 49.9

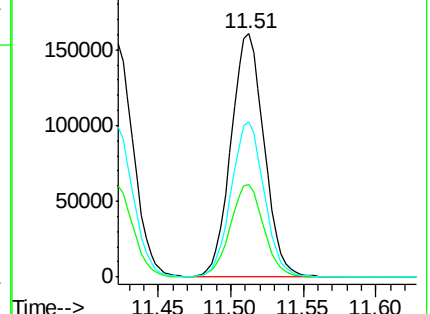
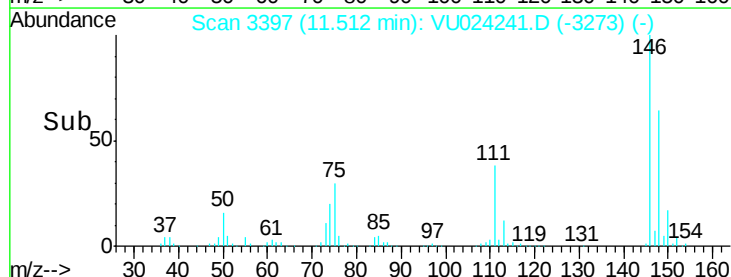
148 63.6 45.4 84.2

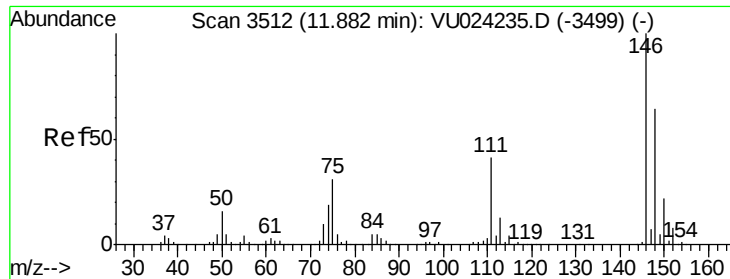


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 51.40 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

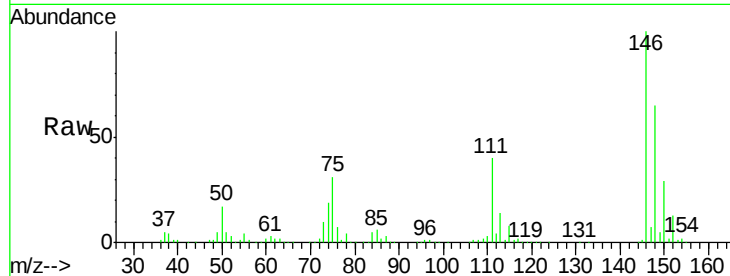
Tgt Ion: 146 Resp: 271027

Ion Ratio Lower Upper

146 100

111 40.4 33.0 49.6

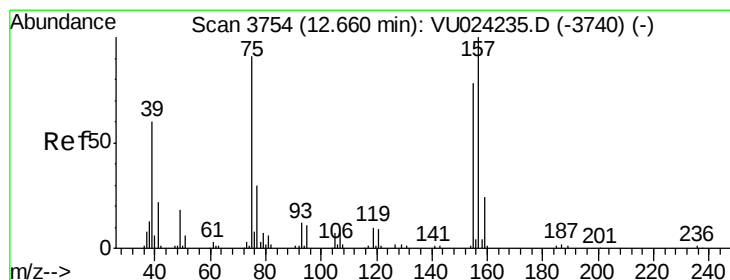
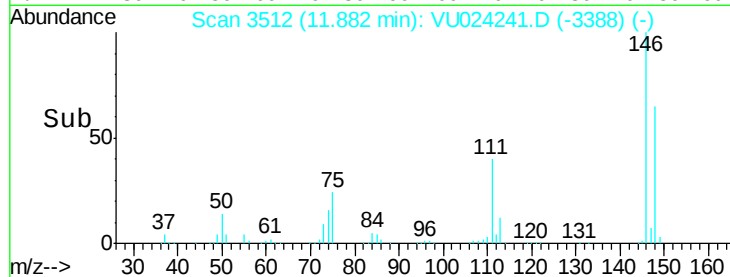
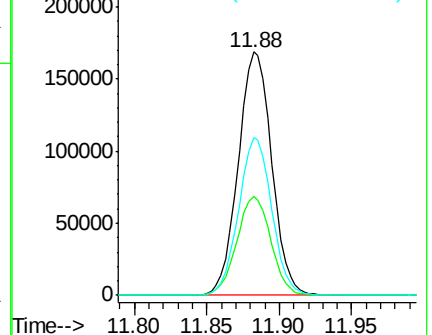
148 64.6 51.0 76.6



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: 44.81 ug/L

RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

Lab File: VU024241.D

Acq: 30 May 2018 15:41

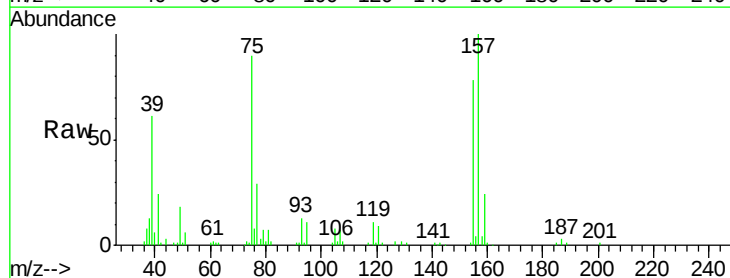
Tgt Ion: 75 Resp: 42015

Ion Ratio Lower Upper

75 100

155 86.4 66.8 100.2

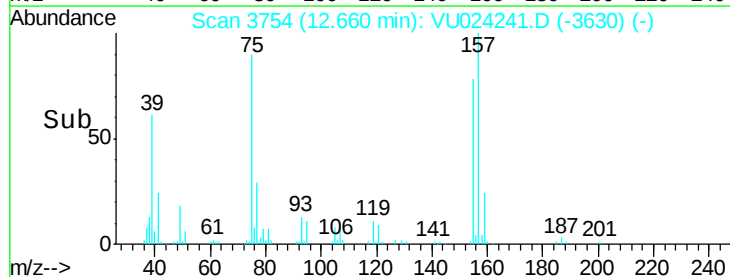
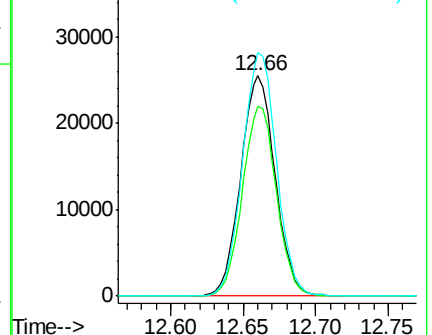
157 110.7 84.8 127.2

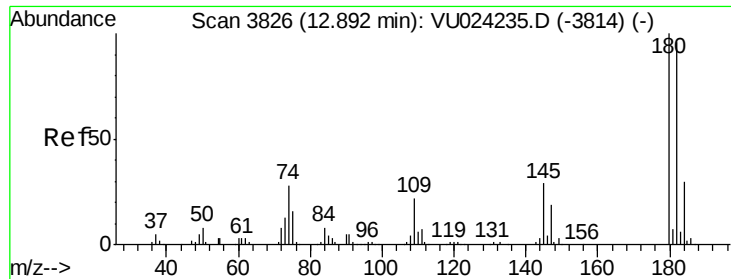


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

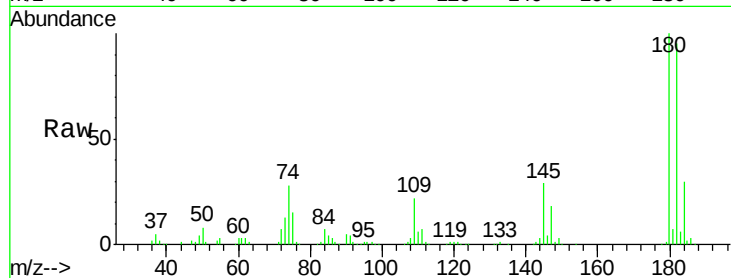
Ion 157.00 (156.70 to 157.70): V



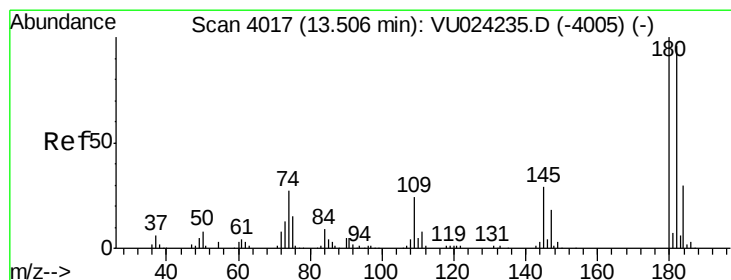
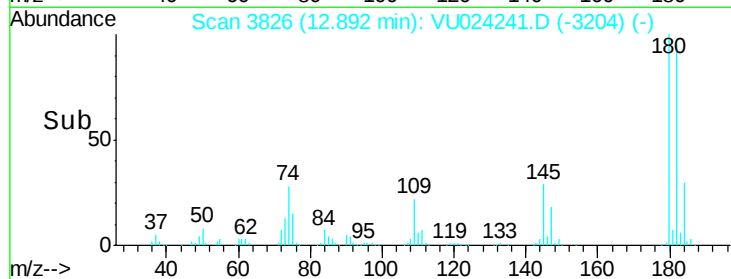
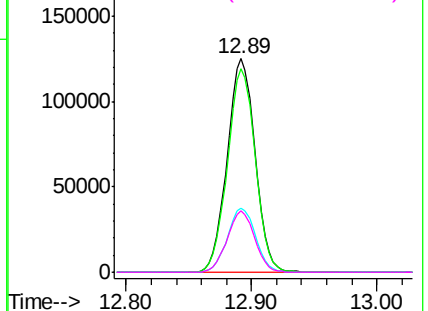


#67
 1,3,5-Trichlorobenzene
 Concen: 54.69 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU024241.D
 Acq: 30 May 2018 15:41

Tgt Ion:	180	Resp:	192679
Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
184	30.4	24.6	36.8
145	28.3	23.4	35.0

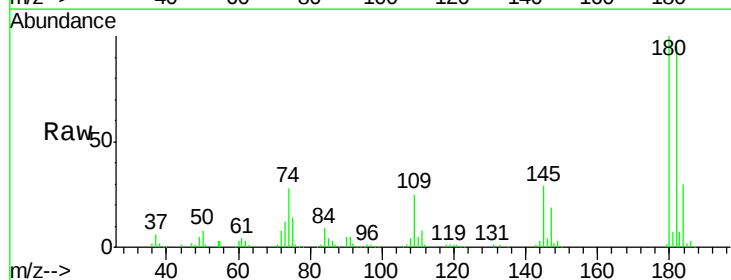


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

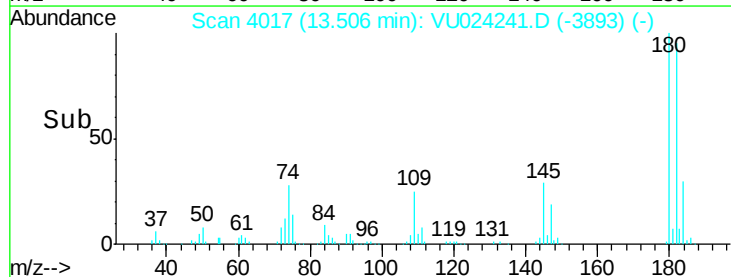
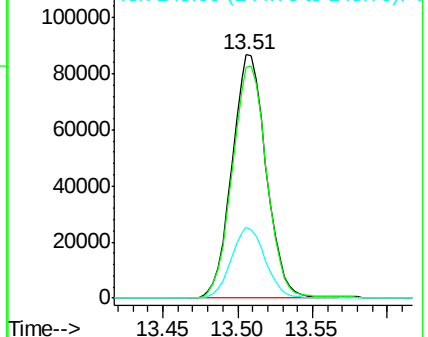


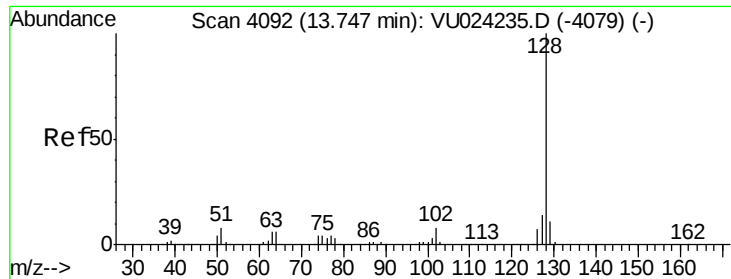
#68
 1,2,4-trichlorobenzene
 Concen: 54.24 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024241.D
 Acq: 30 May 2018 15:41

Tgt Ion:	180	Resp:	137947
Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.8	115.2
145	29.2	23.4	35.0



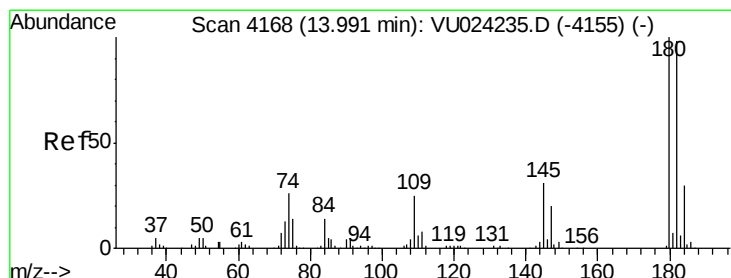
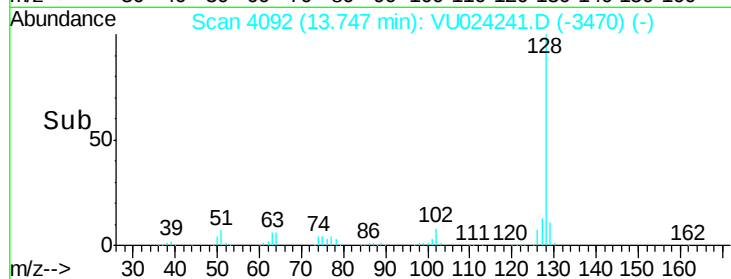
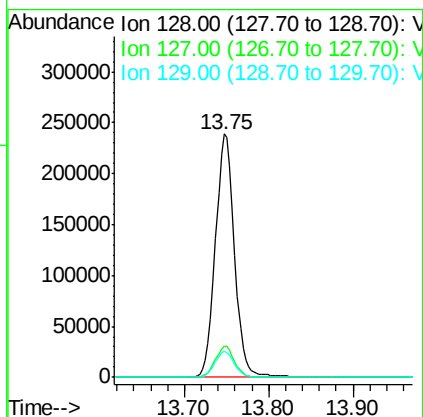
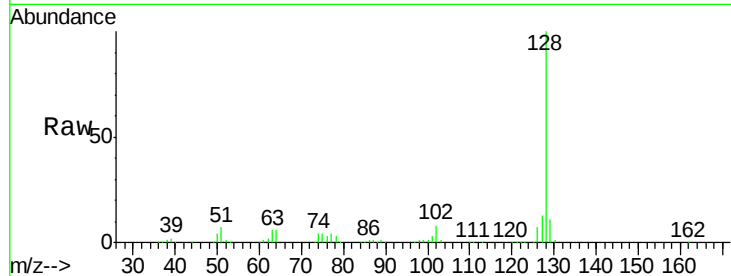
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 50.24 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU024241.D
Acq: 30 May 2018 15:41

Tgt Ion:128 Resp: 376331
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 54.39 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU024241.D
Acq: 30 May 2018 15:41

Tgt Ion:180 Resp: 155655
Ion Ratio Lower Upper
180 100
182 94.4 75.8 113.6
145 30.5 24.5 36.7

