

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
 Data File : VU023635.D
 Acq On : 04 May 2018 16:53
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: May 05 01:12:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 04 04:44:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	157827	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160905	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	80364	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54994	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.68	69	43038	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.27	63	102536	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.40%
20) 2-Butanone-d5	4.20	46	146146	44.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.26%
24) Chloroform-d	4.65	84	97982	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.31	65	54227	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.34	84	205611	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.34	67	67426	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.57	98	197465	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.85	79	23851	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.32	63	118749	44.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.48%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	51853	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	70687	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80853	5.43	ug/L	100
3) Chloromethane	1.33	50	83321	5.15	ug/L	98
5) Vinyl chloride	1.40	62	78723	5.34	ug/L	95
6) Bromomethane	1.63	94	43945	5.58	ug/L	97
8) Chloroethane	1.70	64	45951	5.10	ug/L	97
9) Trichlorofluoromethane	1.89	101	92636	5.58	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	54877	5.59	ug/L	99
12) 1,1-Dichloroethene	2.28	96	50847	5.47	ug/L	97
13) Acetone	2.32	43	94430	49.90	ug/L	99
14) Carbon disulfide	2.47	76	175581	5.24	ug/L	99
15) Methyl Acetate	2.62	43	26393	4.96	ug/L	99
16) Methylene chloride	2.70	84	57101	5.36	ug/L	97
17) Methyl tert-butyl Ether	3.01	73	125234	5.23	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	54954	5.35	ug/L	97
19) 1,1-Dichloroethane	3.44	63	108537	5.58	ug/L	99
21) 2-Butanone	4.28	43	167496	47.86	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	65334	5.35	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	26886	5.09	ug/L	99
25) Chloroform	4.68	83	119908	5.68	ug/L	99
27) 1,2-Dichloroethane	5.41	62	71135	5.29	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	91128	5.24	ug/L	99
30) Cyclohexane	4.99	56	95601	4.84	ug/L	100
31) Carbon tetrachloride	5.13	117	79812	5.51	ug/L	100
33) Benzene	5.39	78	254460	5.25	ug/L	100
34) Trichloroethene	6.19	95	63167	5.00	ug/L	99
35) Methylcyclohexane	6.42	83	92076	4.81	ug/L	97
37) 1,2-Dichloropropane	6.44	63	70129	5.20	ug/L	100
38) Bromodichloromethane	6.76	83	77726	5.25	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	84540	5.02	ug/L	97
40) 4-Methyl-2-pentanone	7.47	43	380633	46.30	ug/L	99
42) Toluene	7.64	91	263460	5.34	ug/L	99
44) trans-1,3-Dichloropropene	7.89	75	70217	5.12	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	42995	5.08	ug/L	98
47) Tetrachloroethene	8.23	164	52946	5.29	ug/L	99
48) 2-Hexanone	8.37	43	281212	47.23	ug/L	98
49) Dibromochloromethane	8.48	129	49797	5.14	ug/L	93
50) 1,2-Dibromoethane	8.59	107	39337	4.98	ug/L	95
51) Chlorobenzene	9.12	112	166686	5.15	ug/L	98
52) Ethylbenzene	9.26	91	270477	5.15	ug/L	100
53) m,p-xylene	9.38	106	104189	5.29	ug/L	99
54) o-xylene	9.78	106	98698	5.30	ug/L	99
55) Styrene	9.80	104	177057	5.42	ug/L	97
56) Isopropylbenzene	10.17	105	262731	5.33	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	53961	4.79	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	38221	4.81	ug/L	99
61) Bromoform	9.96	173	27427	5.05	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	127460	5.24	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	133795	5.21	ug/L	99
65) 1,2-Dichlorobenzene	11.89	146	125289	5.28	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	7880	4.91	ug/L	94
67) 1,3,5-Trichlorobenzene	12.90	180	107985	5.21	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	87843	5.14	ug/L	99
69) Naphthalene	13.75	128	118891	4.57	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	82520	5.15	ug/L	98

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

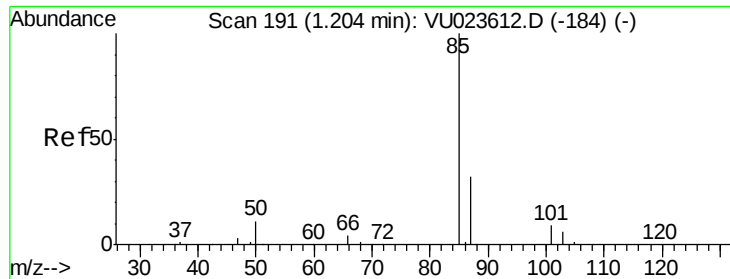
TIC: VU023635.D

Abundance

Time-->

Labeled compounds (from left to right):

- Dichlorodifluoromethane, T
- Chloroform, T
- Chloromethane, T
- Vinyl Chloride, T
- Trichlorofluoromethane, T
- Acetone, T
- Methyl Acetate, T
- Carbon disulfide, T
- Methylene chloride, T
- Methyl bromide, T
- trans-1,2-Dichloroethane, T
- cis-1,2-Dichloroethane, T
- 1,1-Dichloroethane, T
- 2-Butanol, T
- Bromochloromethane, T
- 1,1,1-Trichloroethane, T
- Cyclohexane, T
- Carbon tetrachloride, T
- 1,2-Dichlorobenzene, T
- 1,2-Dichloroethane, T
- 1,4-Difluorobenzene, T
- Trichloroethene, T
- 1,2-Dichloropropane, T
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- trans-1,3-Dichloropropene, T
- 1,1,2-Trichloroethane, T
- tetrahydrofuran, T
- 1,2-Dibromodichloromethane, T
- Chlorobenzene, T
- m,p-xylene, T
- Ethylbenzene, T
- Bromoform, T
- 1,2,3-Trichloropropane, T
- 1,2,4-Trichlorobenzene, T
- 1,3,5-Trichlorobenzene, T
- Naphthalene



#2

Dichlorodifluoromethane

Concen: 5.43 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023635.D

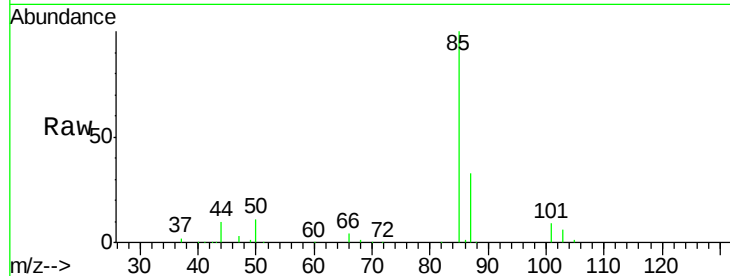
Acq: 04 May 2018 16:53

Tgt Ion: 85 Resp: 80853

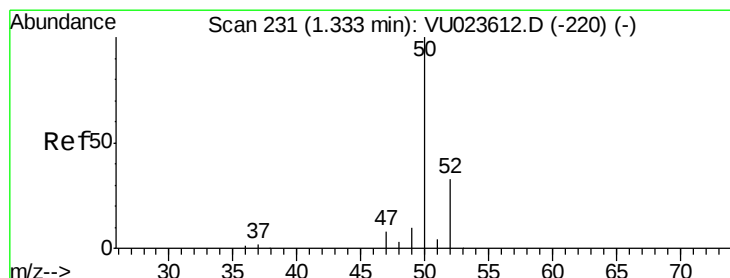
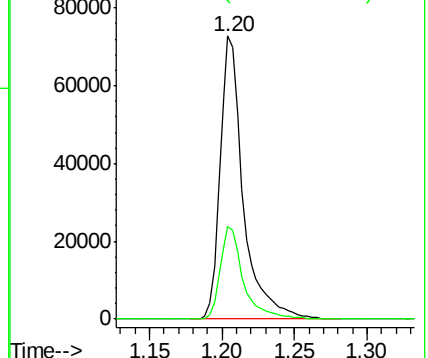
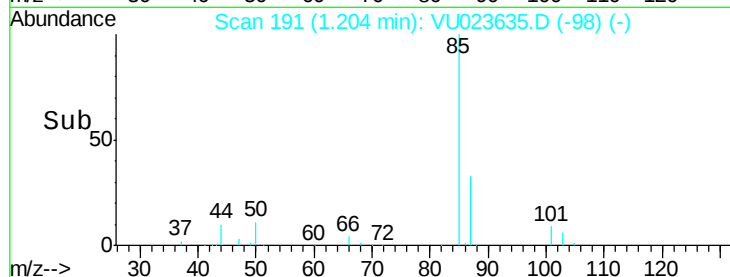
Ion Ratio Lower Upper

85 100

87 32.6 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU023635.D (-98) (-)



#3

Chloromethane

Concen: 5.15 ug/L

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU023635.D

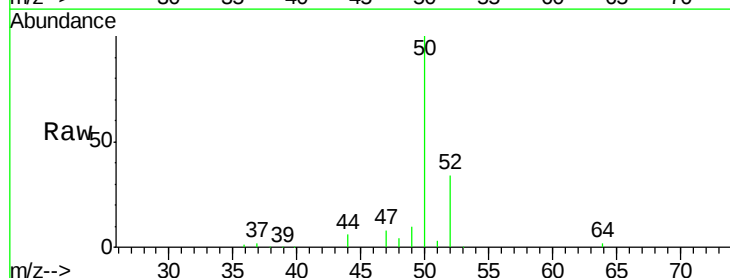
Acq: 04 May 2018 16:53

Tgt Ion: 50 Resp: 83321

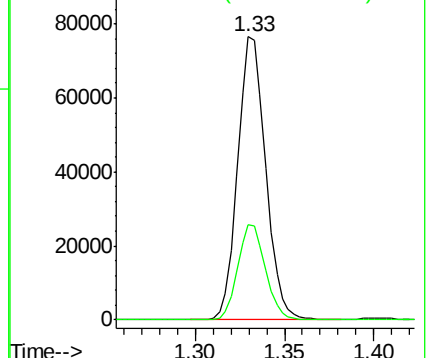
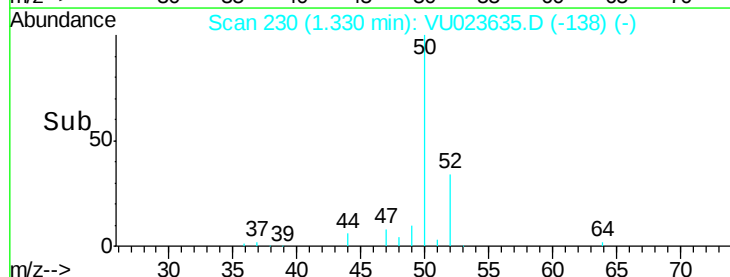
Ion Ratio Lower Upper

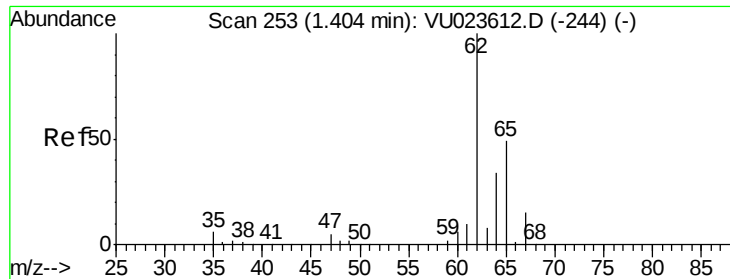
50 100

52 33.5 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU023635.D (-138) (-)





#5

Vinyl chloride

Concen: 5.34 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023635.D

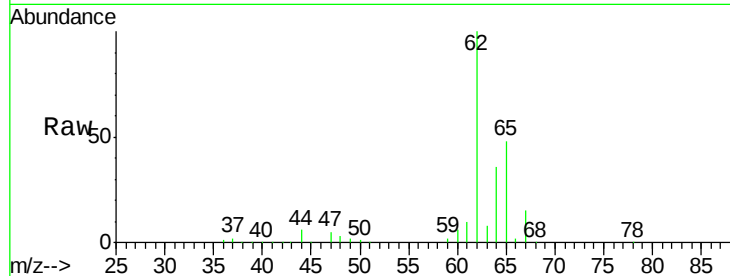
Acq: 04 May 2018 16:53

Tgt Ion: 62 Resp: 78723

Ion Ratio Lower Upper

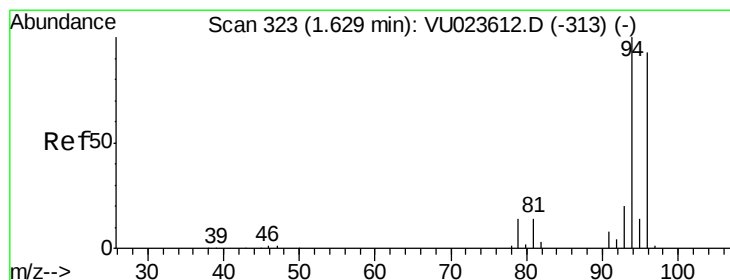
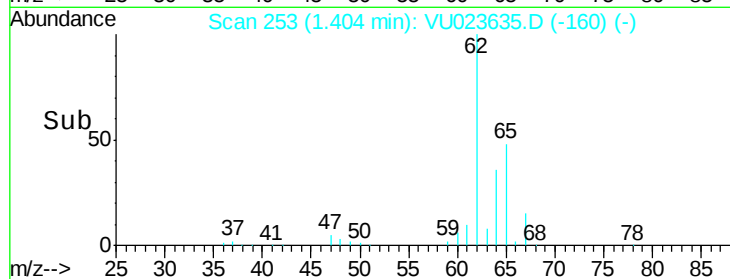
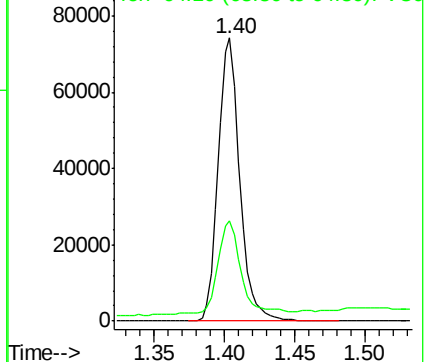
62 100

64 35.6 26.9 49.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#6

Bromomethane

Concen: 5.58 ug/L

RT: 1.63 min Scan# 322

Delta R.T. -0.00 min

Lab File: VU023635.D

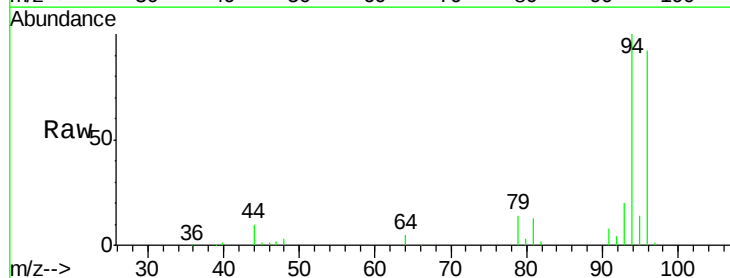
Acq: 04 May 2018 16:53

Tgt Ion: 94 Resp: 43945

Ion Ratio Lower Upper

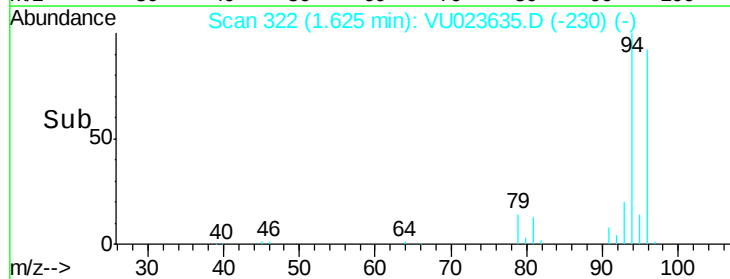
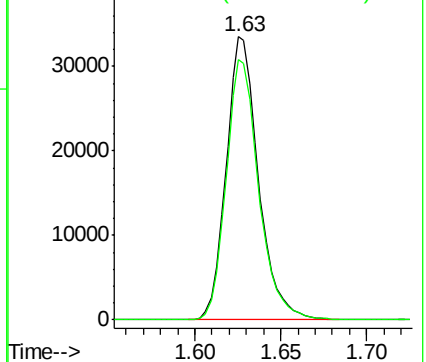
94 100

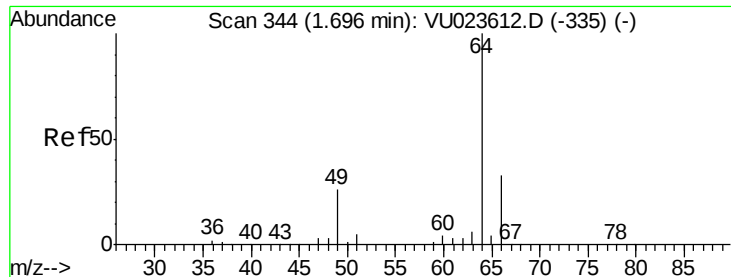
96 92.1 66.6 123.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 5.10 ug/L

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU023635.D

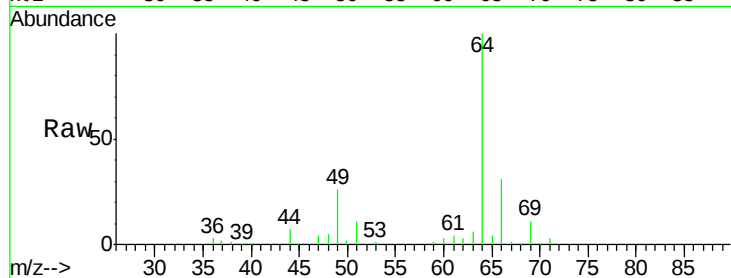
Acq: 04 May 2018 16:53

Tgt Ion: 64 Resp: 45951

Ion Ratio Lower Upper

64 100

66 31.3 20.6 38.2



Abundance Ion 64.10 (63.80 to 64.80): VU023612.D (-335) (-)

Ion 66.05 (65.75 to 66.75): VU023612.D (-335) (-)

1.70

40000

30000

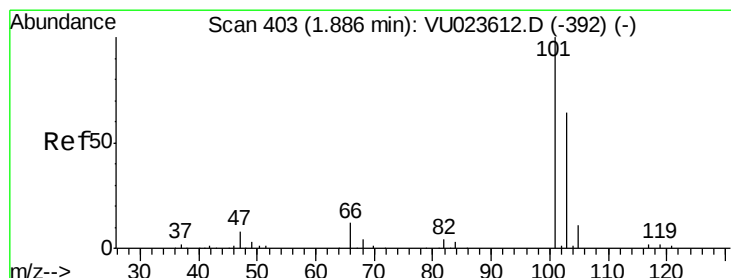
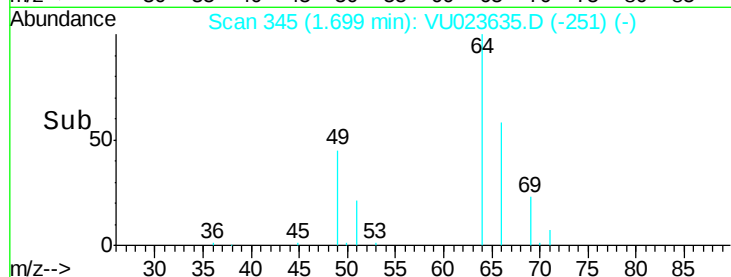
20000

10000

0

1.65 1.70 1.75 1.80

Time-->



#9

Trichlorofluoromethane

Concen: 5.58 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU023635.D

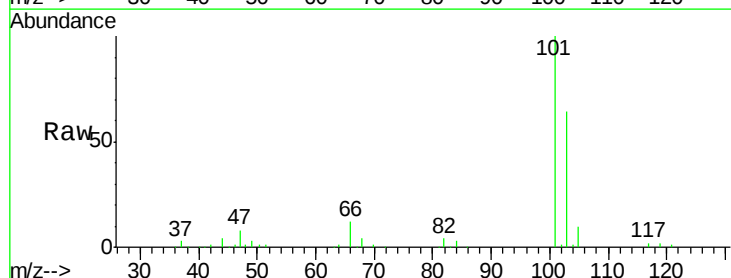
Acq: 04 May 2018 16:53

Tgt Ion: 101 Resp: 92636

Ion Ratio Lower Upper

101 100

103 65.1 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): VU023612.D (-392) (-)

Ion 103.00 (102.70 to 103.70): VU023612.D (-392) (-)

1.89

60000

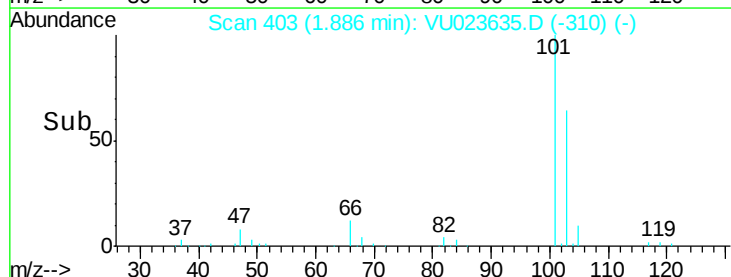
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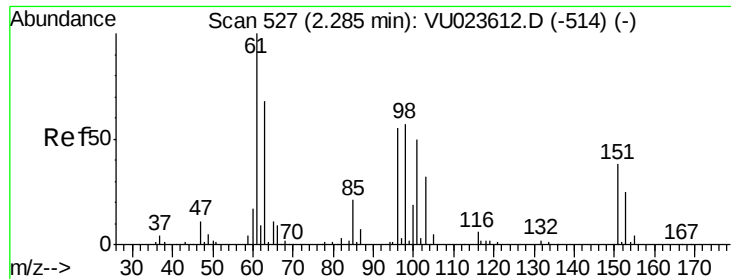
20000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#10

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

Concen: 5.59 ug/L

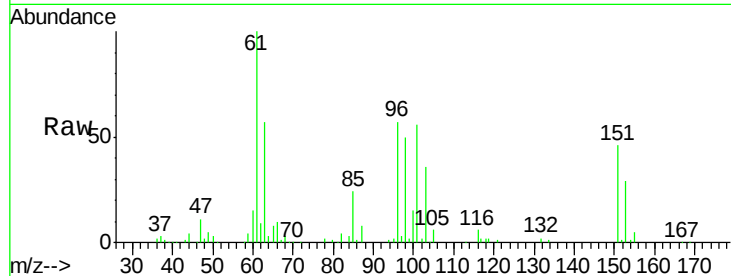
RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU023635.D

Acq: 04 May 2018 16:53

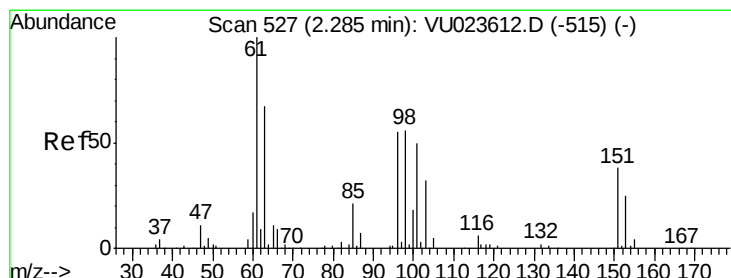
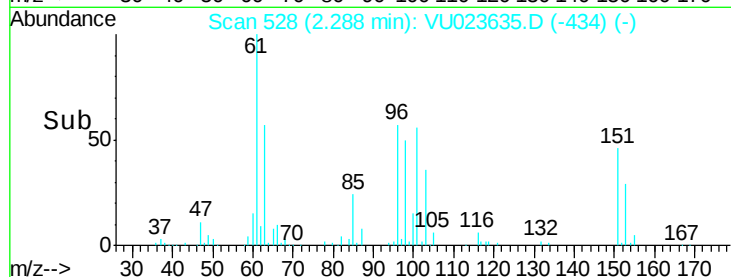
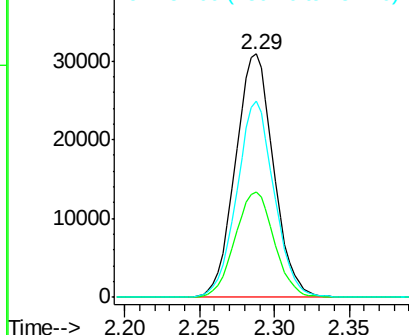
Tgt Ion:	101	Resp:	54877
Ion	Ratio	Lower	Upper
101	100		
85	44.1	34.5	51.7
151	78.6	62.9	94.3



Abundance Ion 101.00 (100.70 to 101.70): VU023635.D (-434) (-)

Ion 85.00 (84.70 to 85.70): VU023635.D (-434) (-)

Ion 151.00 (150.70 to 151.70): VU023635.D (-434) (-)



#12

1,1-Dichloroethene

Concen: 5.47 ug/L

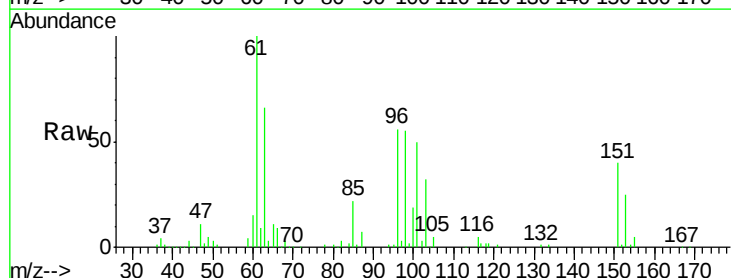
RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023635.D

Acq: 04 May 2018 16:53

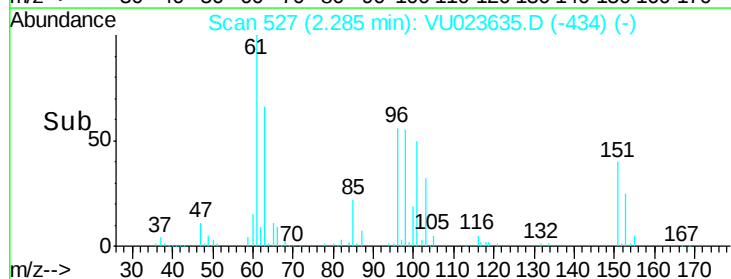
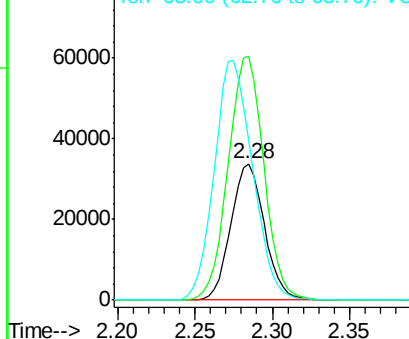
Tgt Ion:	96	Resp:	50847
Ion	Ratio	Lower	Upper
96	100		
61	178.4	127.4	236.6
63	117.2	84.8	157.4

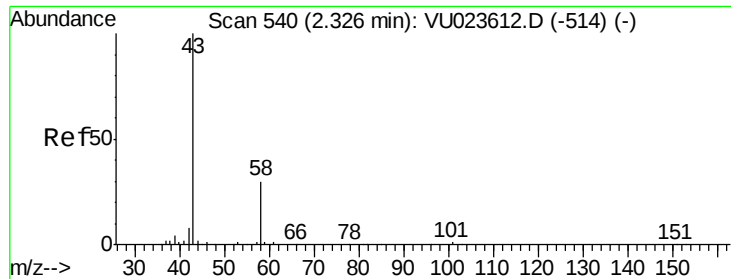


Abundance Ion 96.00 (95.70 to 96.70): VU023635.D (-434) (-)

Ion 61.05 (60.75 to 61.75): VU023635.D (-434) (-)

Ion 63.00 (62.70 to 63.70): VU023635.D (-434) (-)





#13

Acetone

Concen: 49.90 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU023635.D

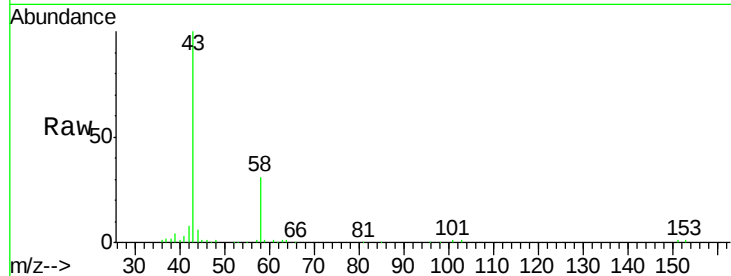
Acq: 04 May 2018 16:53

Tgt Ion: 43 Resp: 94430

Ion Ratio Lower Upper

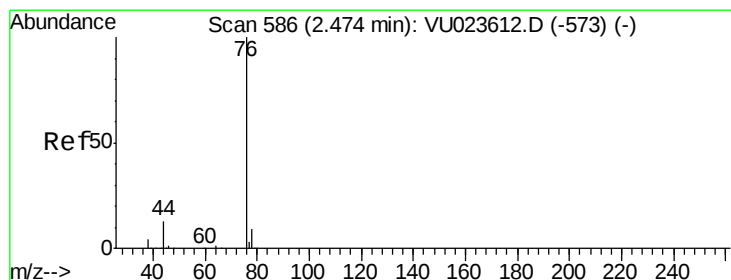
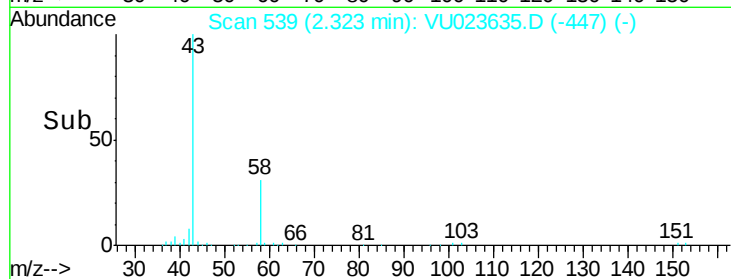
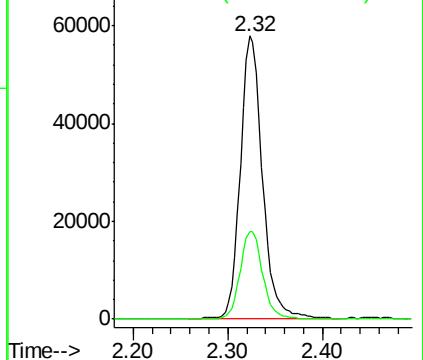
43 100

58 31.5 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 5.24 ug/L

RT: 2.47 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU023635.D

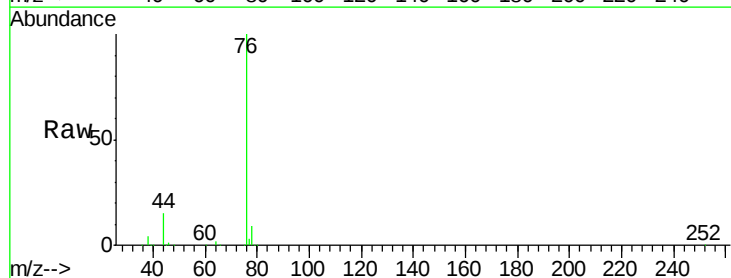
Acq: 04 May 2018 16:53

Tgt Ion: 76 Resp: 175581

Ion Ratio Lower Upper

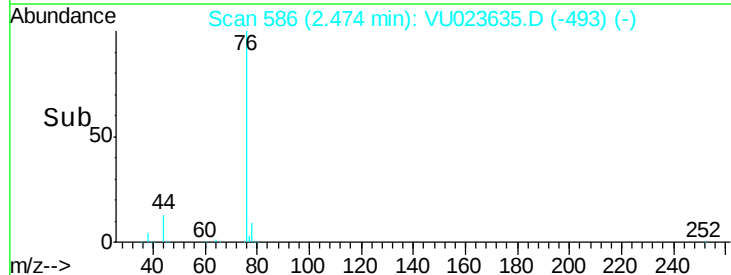
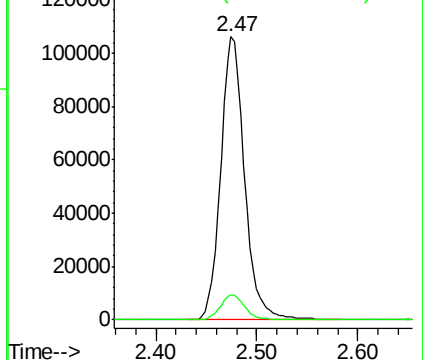
76 100

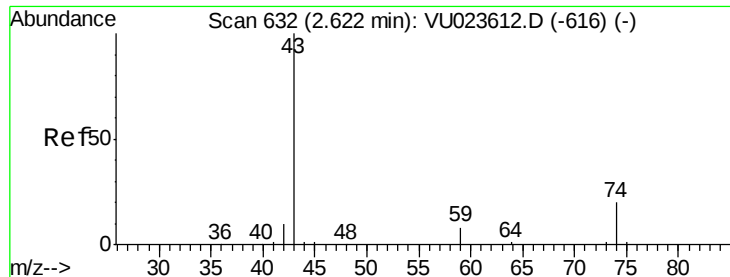
78 8.9 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU0

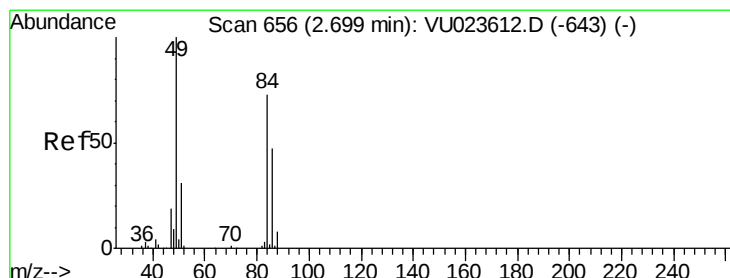
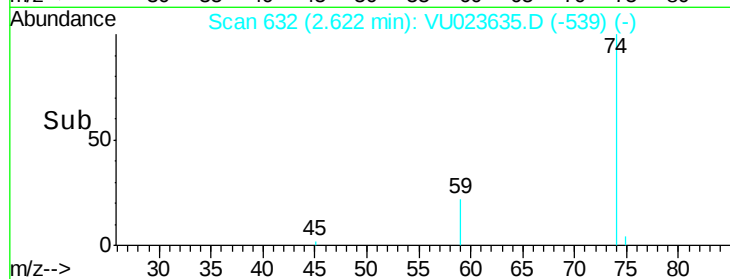
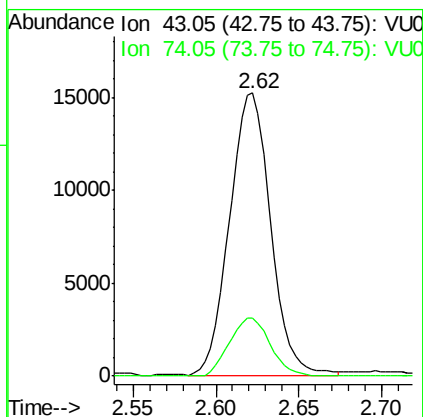
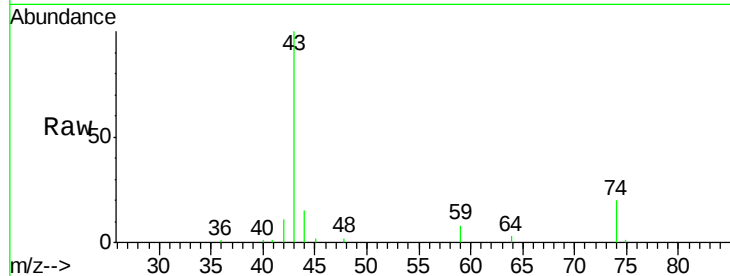
Ion 78.00 (77.70 to 78.70): VU0





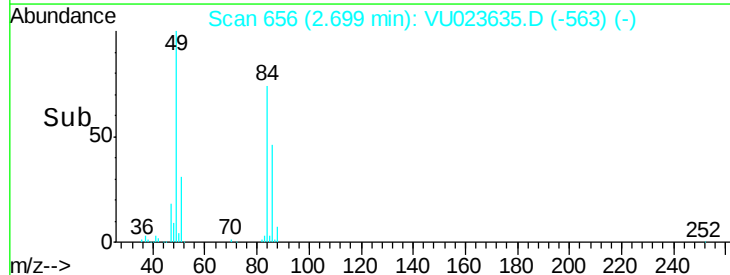
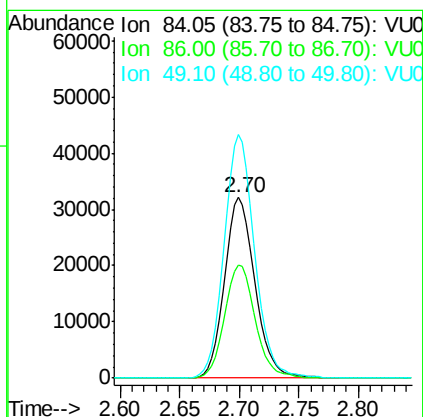
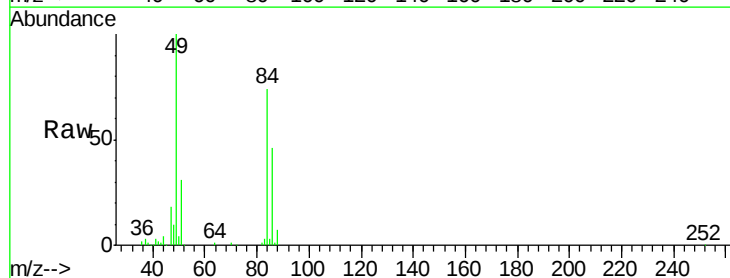
#15
Methyl Acetate
Concen: 4.96 ug/L
RT: 2.62 min Scan# 632
Delta R.T. -0.00 min
Lab File: VU023635.D
Acq: 04 May 2018 16:53

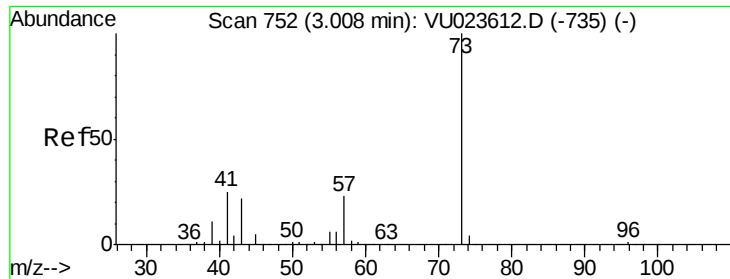
Tgt Ion: 43 Resp: 26393
Ion Ratio Lower Upper
43 100
74 20.3 16.6 24.8



#16
Methylene chloride
Concen: 5.36 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU023635.D
Acq: 04 May 2018 16:53

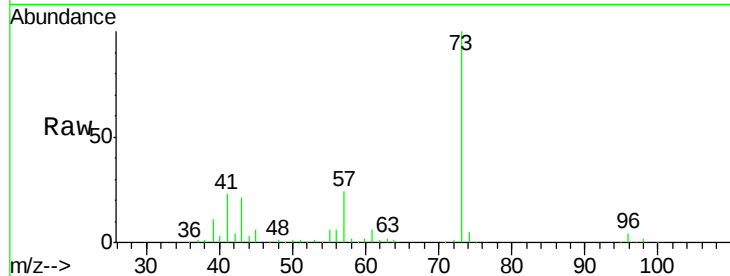
Tgt Ion: 84 Resp: 57101
Ion Ratio Lower Upper
84 100
86 62.6 46.0 85.4
49 134.8 96.0 178.4



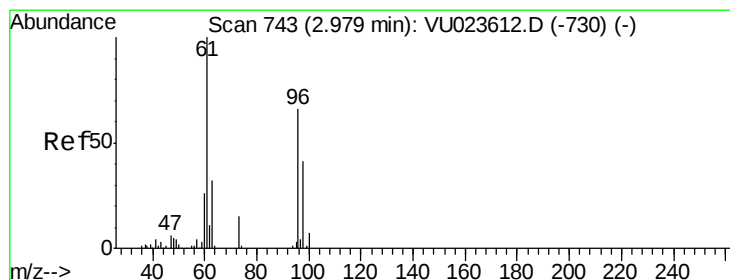
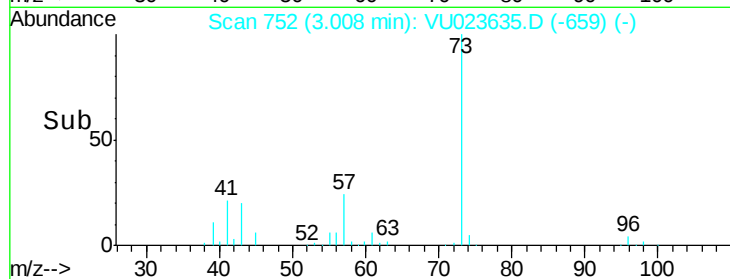
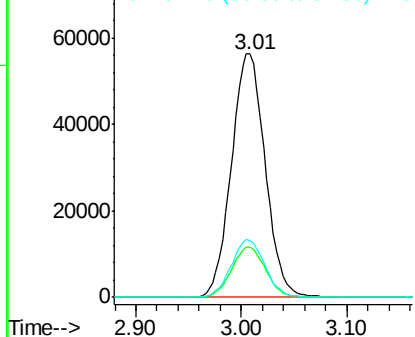


#17
Methyl tert-butyl Ether
Concen: 5.23 ug/L
RT: 3.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VU023635.D
Acq: 04 May 2018 16:53

Tgt Ion:	73	Resp:	125234
Ion	Ratio	Lower	Upper
73	100		
43	21.0	16.6	25.0
57	23.7	19.4	29.0

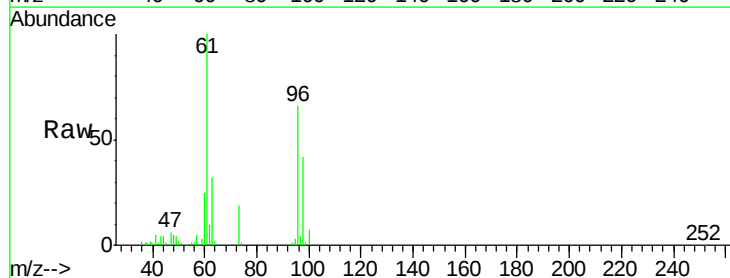


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

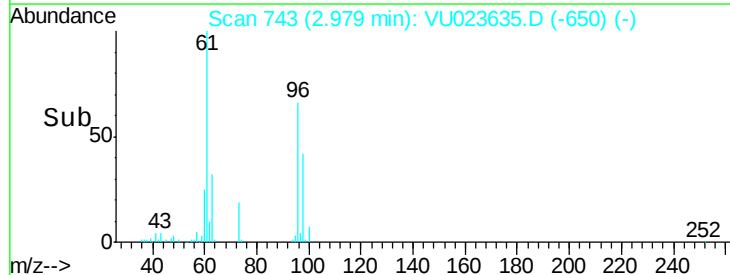
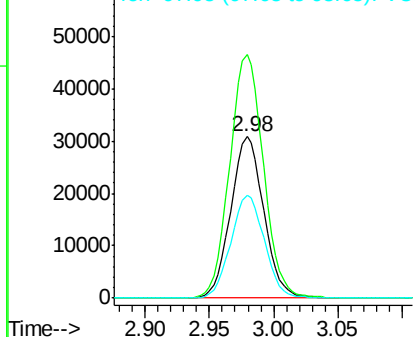


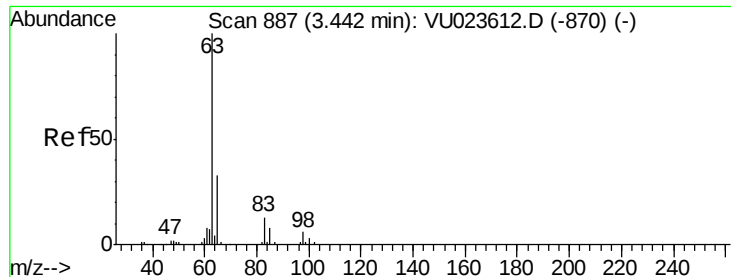
#18
trans-1,2-Dichloroethene
Concen: 5.35 ug/L
RT: 2.98 min Scan# 743
Delta R.T. -0.00 min
Lab File: VU023635.D
Acq: 04 May 2018 16:53

Tgt Ion:	96	Resp:	54954
Ion	Ratio	Lower	Upper
96	100		
61	150.9	109.0	202.4
98	64.0	44.7	83.1



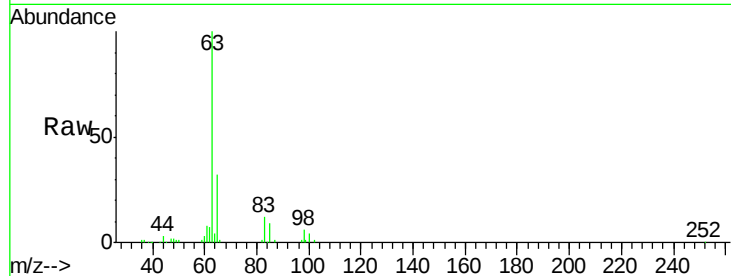
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0



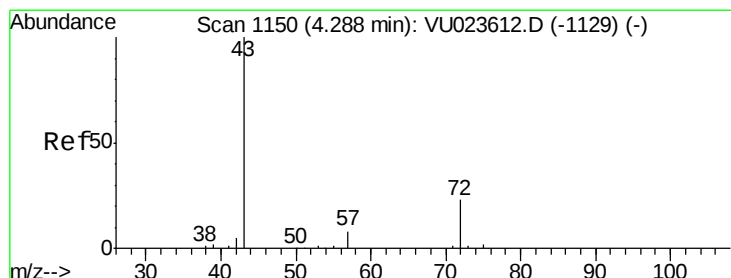
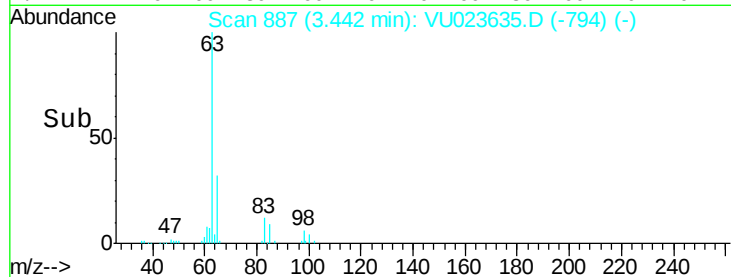
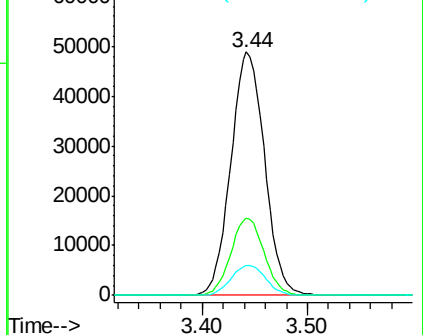


#19
 1,1-Dichloroethane
 Concen: 5.58 ug/L
 RT: 3.44 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: VU023635.D
 Acq: 04 May 2018 16:53

Tgt Ion: 63 Resp: 108537
 Ion Ratio Lower Upper
 63 100
 65 31.6 22.0 41.0
 83 12.1 8.8 16.4

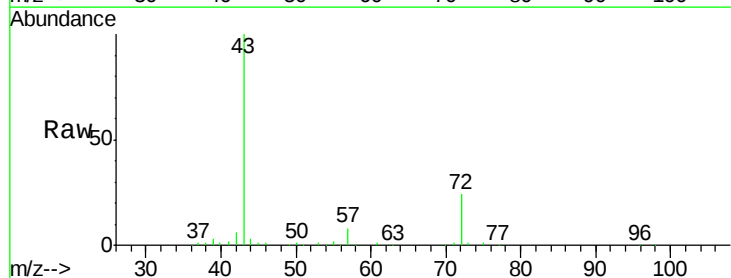


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

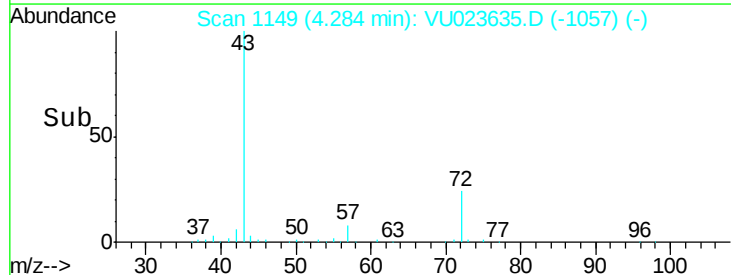
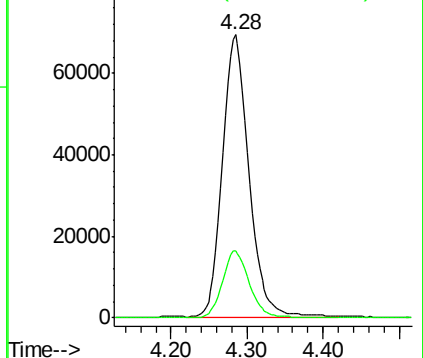


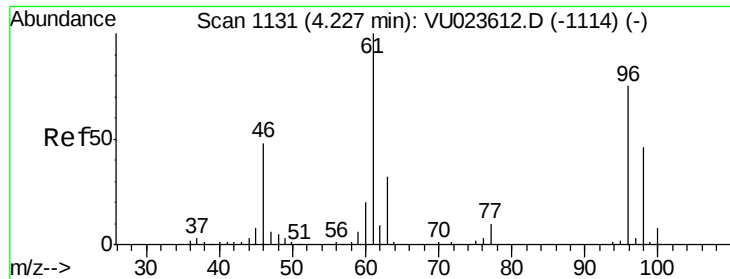
#21
 2-Butanone
 Concen: 47.86 ug/L
 RT: 4.28 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VU023635.D
 Acq: 04 May 2018 16:53

Tgt Ion: 43 Resp: 167496
 Ion Ratio Lower Upper
 43 100
 72 23.3 12.3 36.8



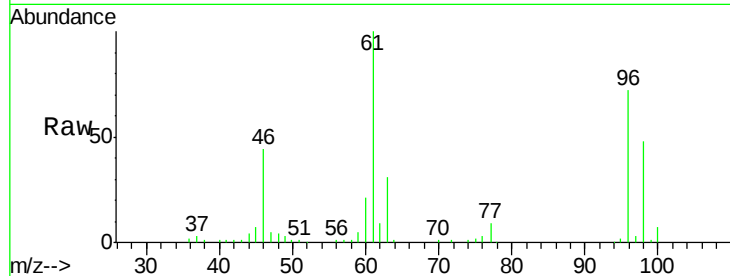
Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0



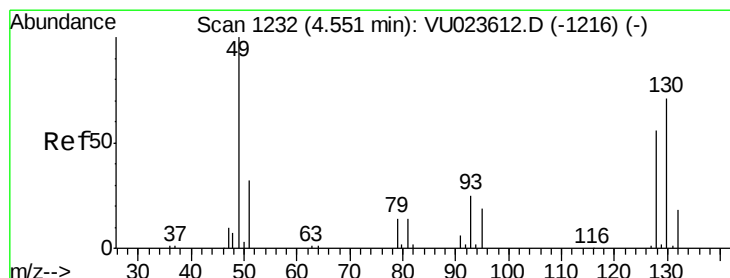
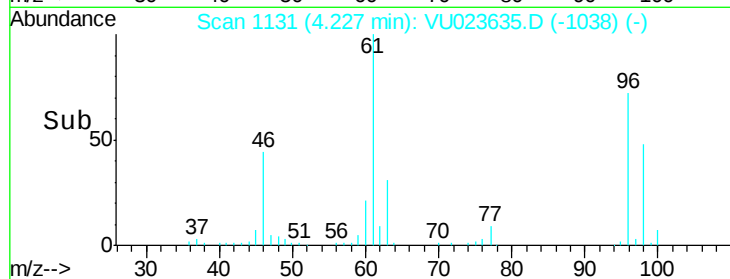
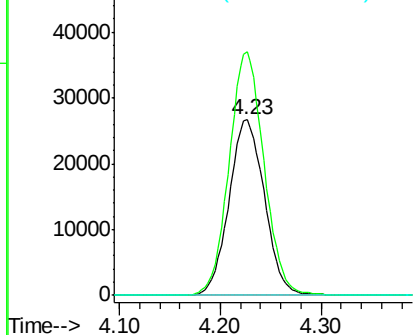


#22
 cis-1,2-Dichloroethene
 Concen: 5.35 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU023635.D
 Acq: 04 May 2018 16:53

Tgt Ion: 96 Resp: 65334
 Ion Ratio Lower Upper
 96 100
 61 138.6 94.6 175.6
 68 0.0 0.0 0.0

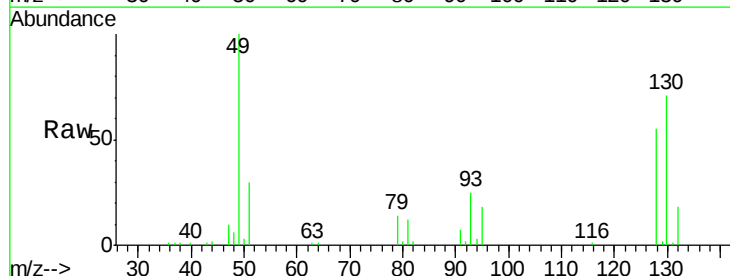


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

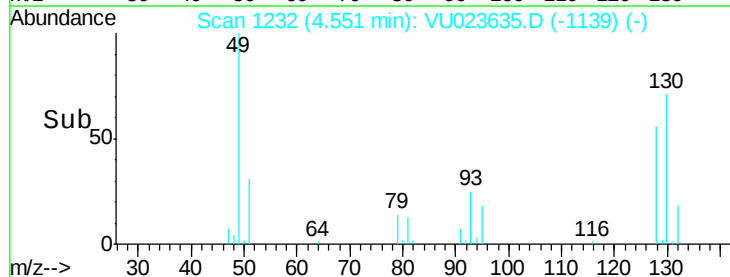
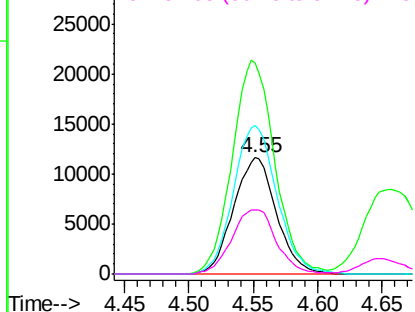


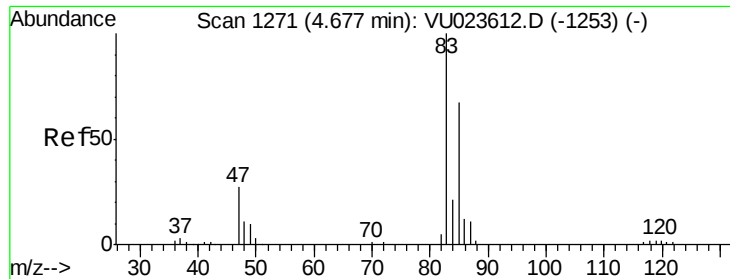
#23
 Bromochloromethane
 Concen: 5.09 ug/L
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU023635.D
 Acq: 04 May 2018 16:53

Tgt Ion: 128 Resp: 26886
 Ion Ratio Lower Upper
 128 100
 49 181.8 126.5 234.9
 130 128.2 90.4 168.0
 51 55.4 44.6 66.8



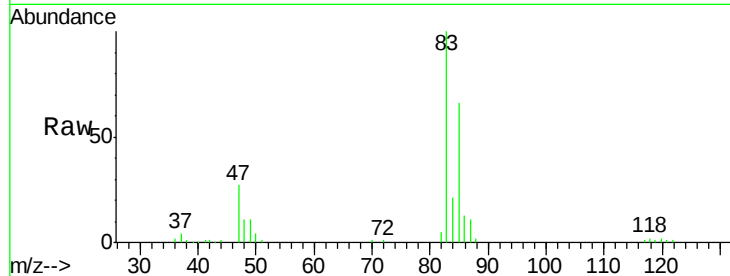
Abundance Ion 127.90 (127.60 to 128.60): V
 Ion 49.10 (48.80 to 49.80): VU0
 Ion 129.95 (129.65 to 130.65): V
 Ion 51.05 (50.75 to 51.75): VU0



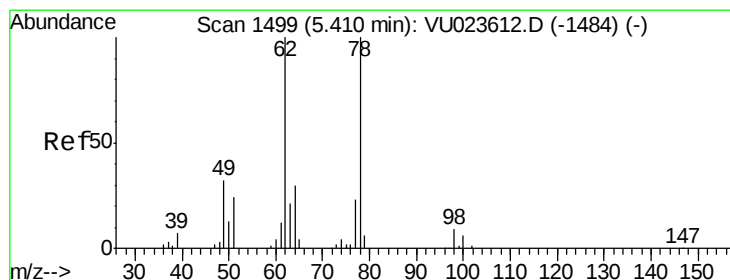
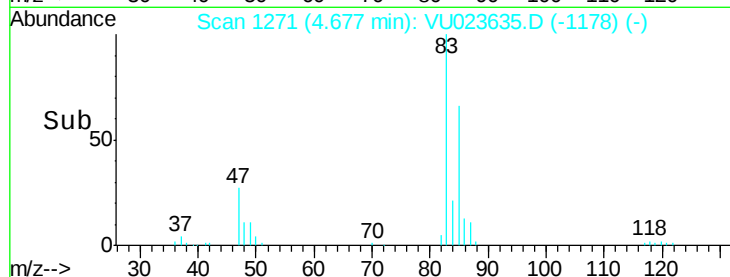
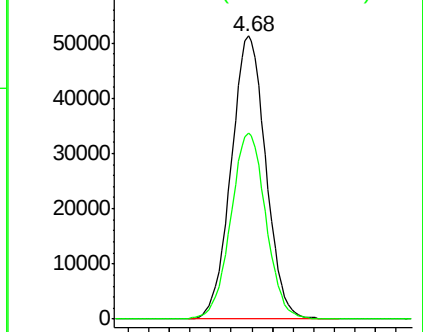


#25
Chloroform
Concen: 5.68 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023635.D
Acq: 04 May 2018 16:53

Tgt Ion: 83 Resp: 119908
Ion Ratio Lower Upper
83 100
85 65.5 45.2 84.0

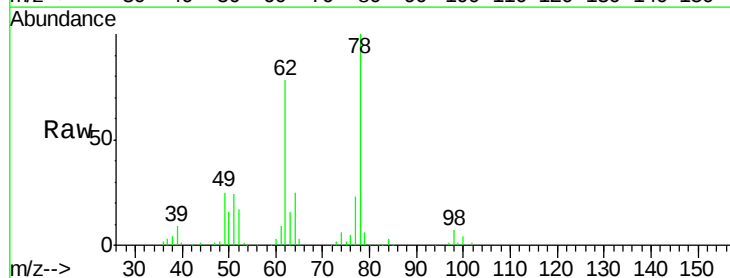


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

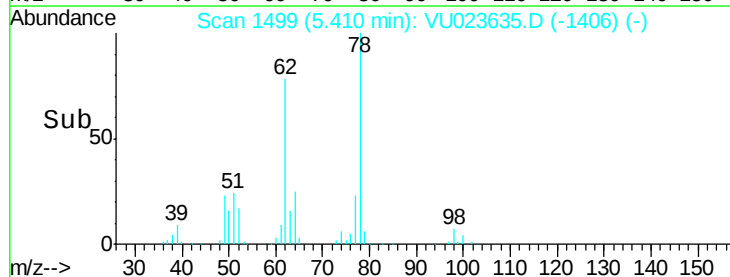
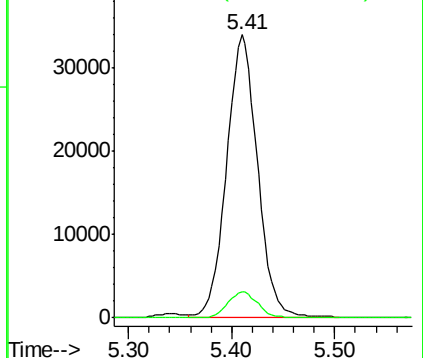


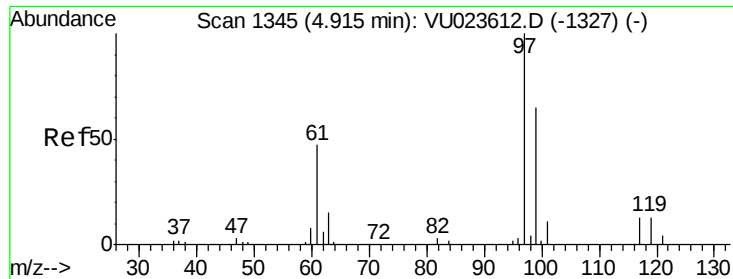
#27
1,2-Dichloroethane
Concen: 5.29 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU023635.D
Acq: 04 May 2018 16:53

Tgt Ion: 62 Resp: 71135
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0





#29

1,1,1-Trichloroethane

Concen: 5.24 ug/L

RT: 4.91 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VU023635.D

Acq: 04 May 2018 16:53

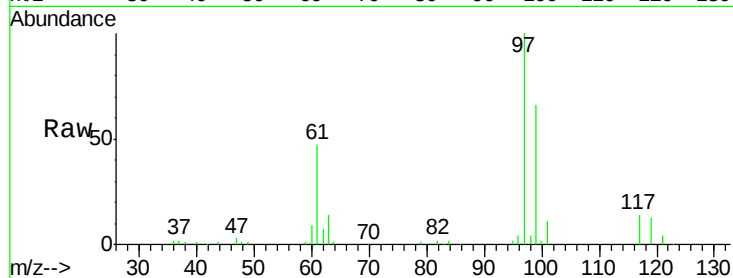
Tgt Ion: 97 Resp: 91128

Ion Ratio Lower Upper

97 100

99 65.9 52.2 78.2

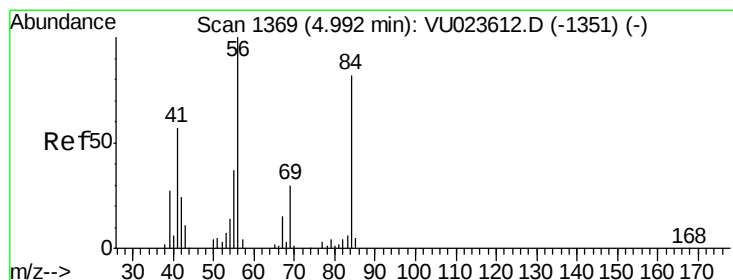
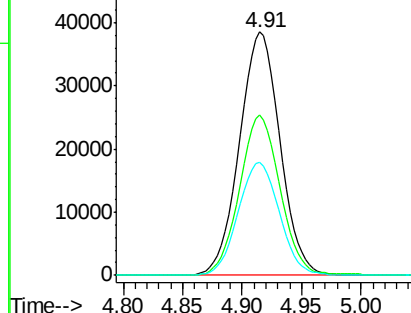
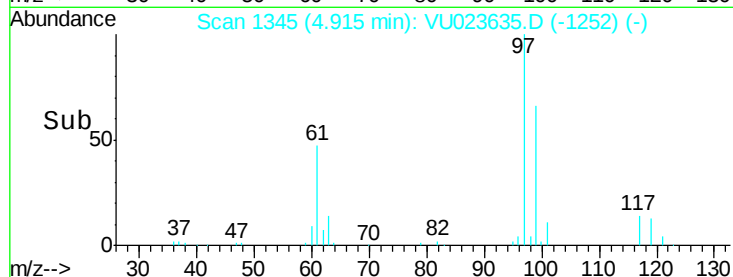
61 47.1 37.8 56.6



Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0



#30

Cyclohexane

Concen: 4.84 ug/L

RT: 4.99 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VU023635.D

Acq: 04 May 2018 16:53

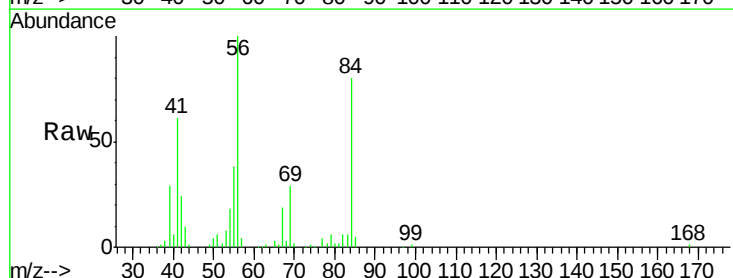
Tgt Ion: 56 Resp: 95601

Ion Ratio Lower Upper

56 100

69 29.5 23.6 35.4

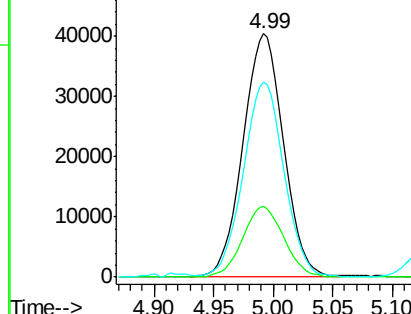
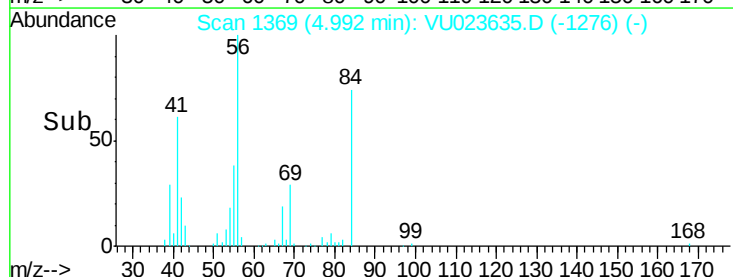
84 80.5 64.4 96.6

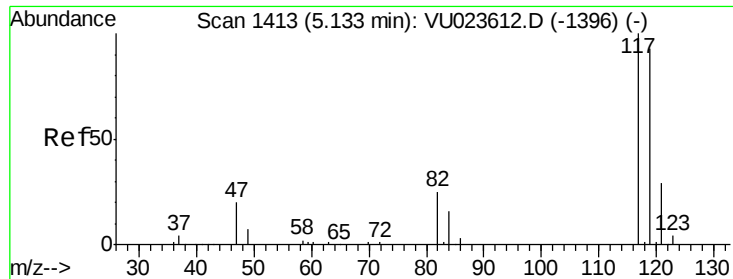


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#31

Carbon tetrachloride

Concen: 5.51 ug/L

RT: 5.13 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VU023635.D

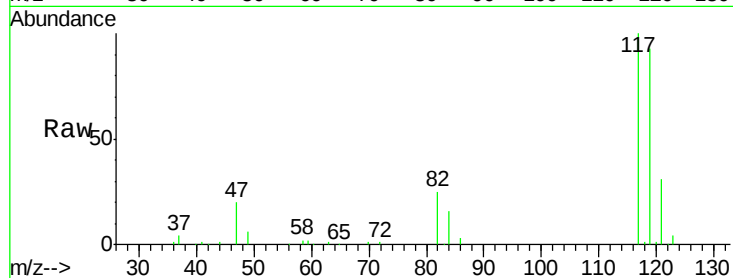
Acq: 04 May 2018 16:53

Tgt Ion: 117 Resp: 79812

Ion Ratio Lower Upper

117 100

119 95.4 76.0 114.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.13

40000

30000

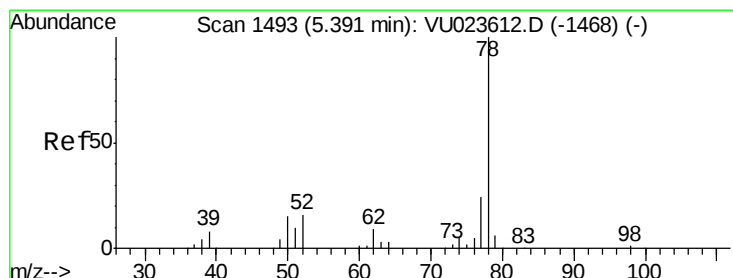
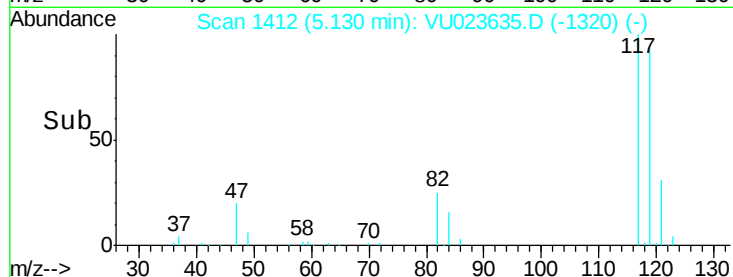
20000

10000

0

Time-->

5.05 5.10 5.15 5.20



#33

Benzene

Concen: 5.25 ug/L

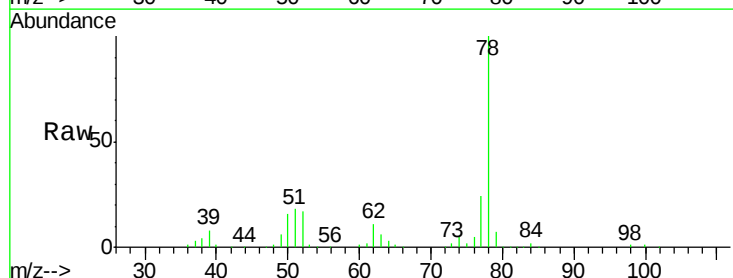
RT: 5.39 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VU023635.D

Acq: 04 May 2018 16:53

Tgt Ion: 78 Resp: 254460



Abundance Ion 78.10 (77.80 to 78.80): VU0

5.39

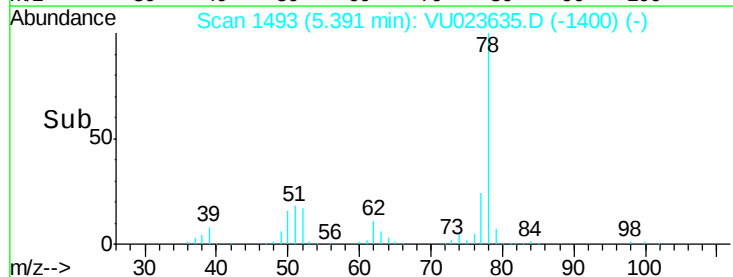
100000

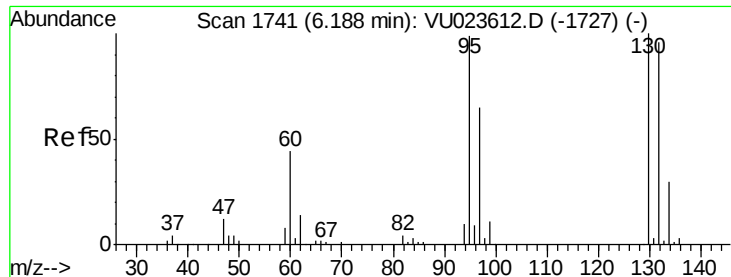
50000

0

Time-->

5.30 5.40 5.50 5.60





#34

Trichloroethene

Concen: 5.00 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023635.D

Acq: 04 May 2018 16:53

Tgt Ion: 95 Resp: 63167

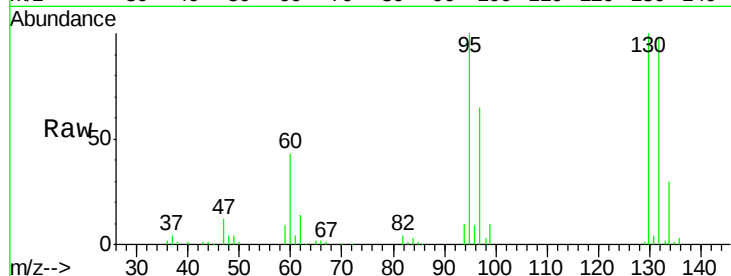
Ion Ratio Lower Upper

95 100

97 65.2 46.0 85.4

132 98.4 68.1 126.5

130 100.3 70.1 130.1

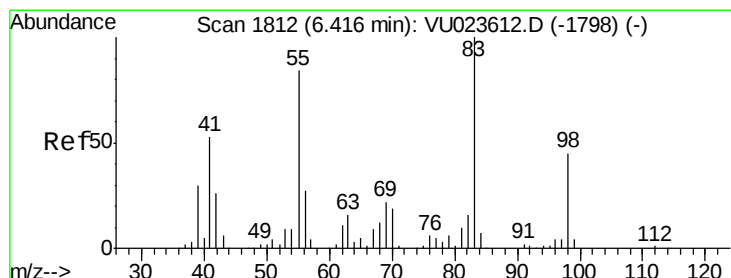
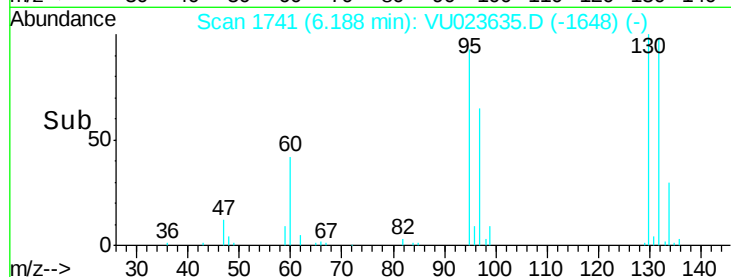
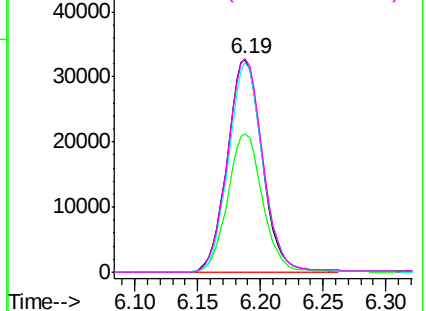


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 4.81 ug/L

RT: 6.42 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VU023635.D

Acq: 04 May 2018 16:53

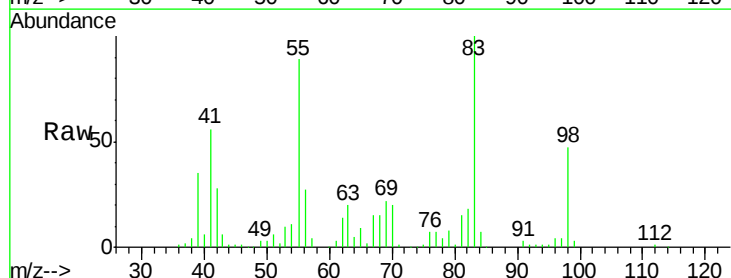
Tgt Ion: 83 Resp: 92076

Ion Ratio Lower Upper

83 100

55 88.9 68.4 102.6

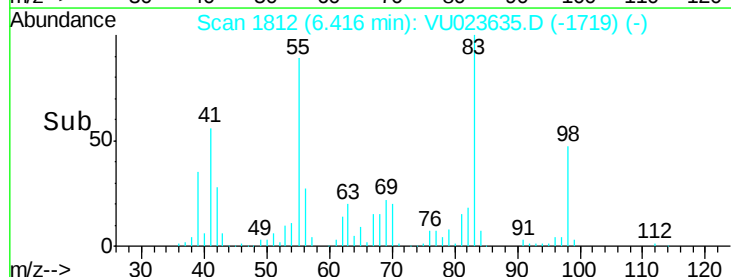
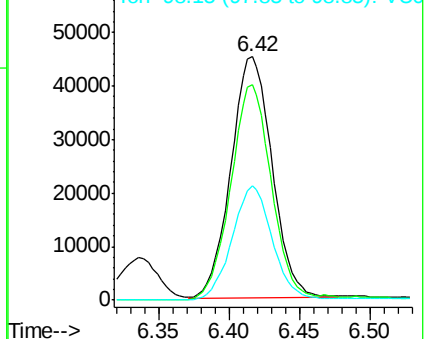
98 46.8 36.7 55.1

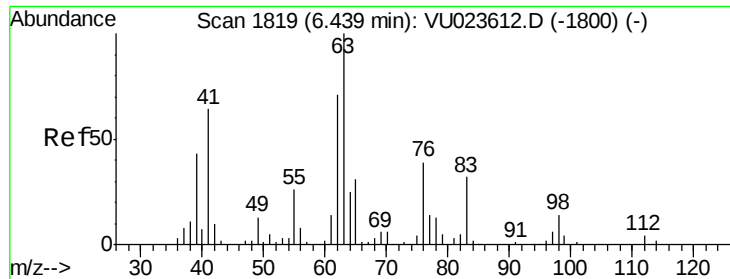


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

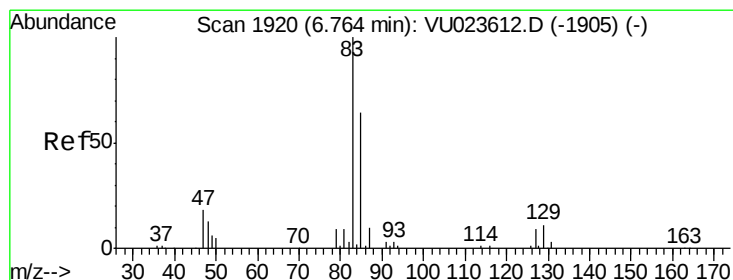
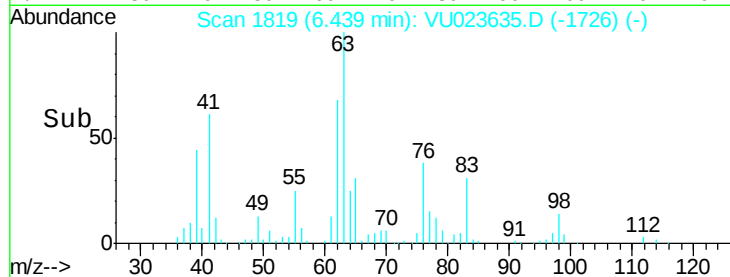
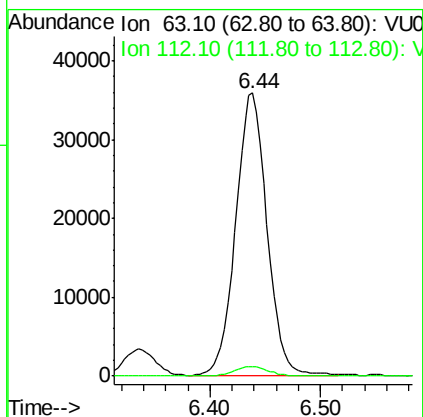
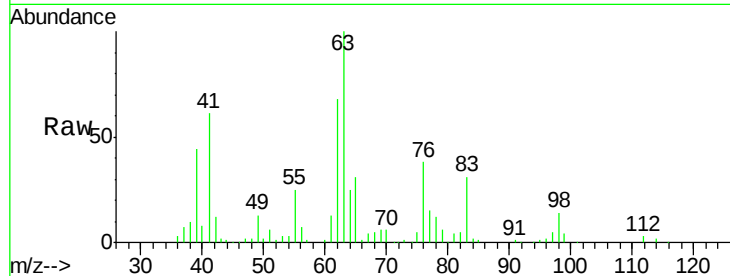
Ion 98.15 (97.85 to 98.85): VU0





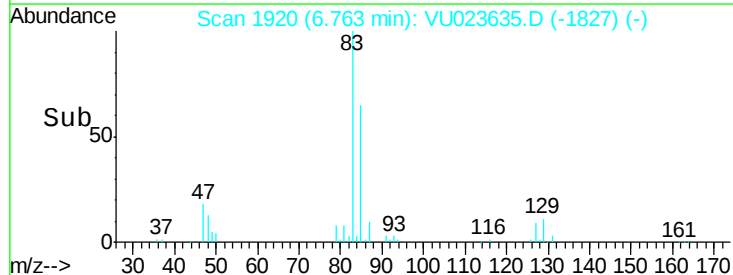
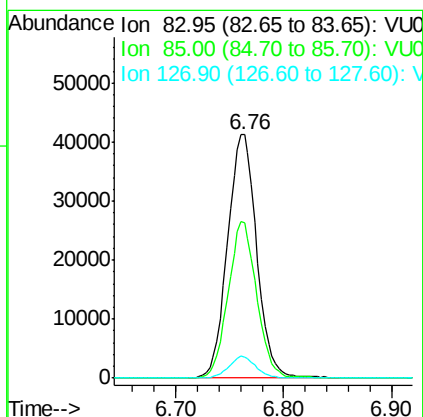
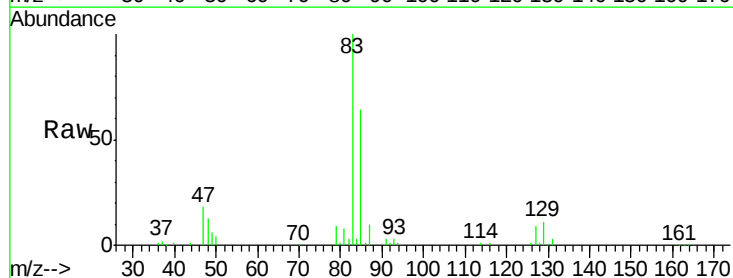
#37
 1,2-Dichloropropane
 Concen: 5.20 ug/L
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU023635.D
 Acq: 04 May 2018 16:53

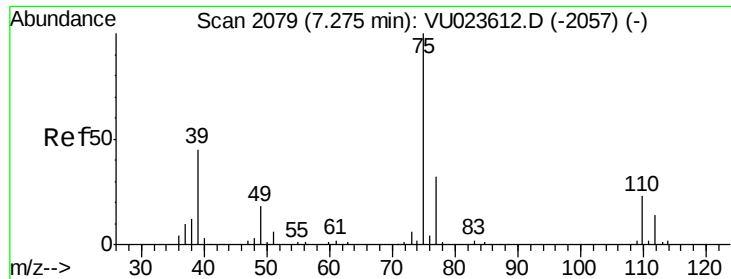
Tgt Ion: 63 Resp: 70129
 Ion Ratio Lower Upper
 63 100
 112 3.7 3.0 4.4



#38
 Bromodichloromethane
 Concen: 5.25 ug/L
 RT: 6.76 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VU023635.D
 Acq: 04 May 2018 16:53

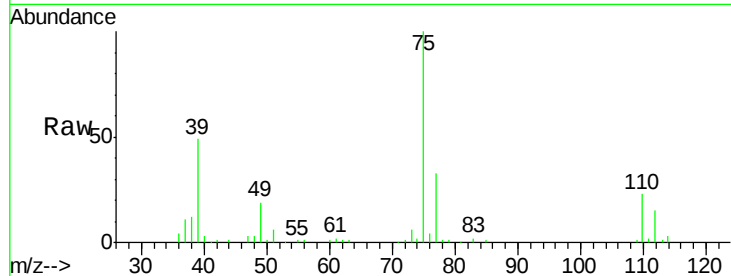
Tgt Ion: 83 Resp: 77726
 Ion Ratio Lower Upper
 83 100
 85 63.7 45.1 83.7
 127 8.7 6.7 10.1



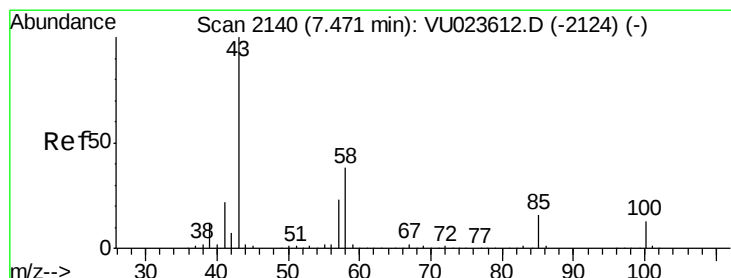
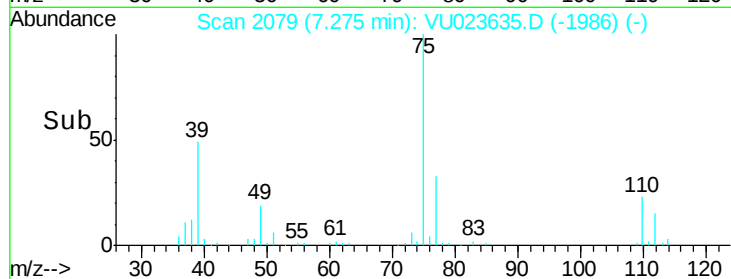
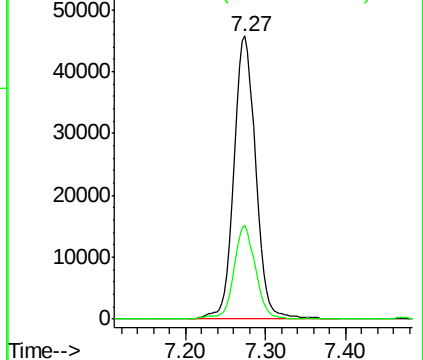


#39
 cis-1,3-Dichloropropene
 Concen: 5.02 ug/L
 RT: 7.27 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VU023635.D
 Acq: 04 May 2018 16:53

Tgt Ion: 75 Resp: 84540
 Ion Ratio Lower Upper
 75 100
 77 33.3 22.0 41.0

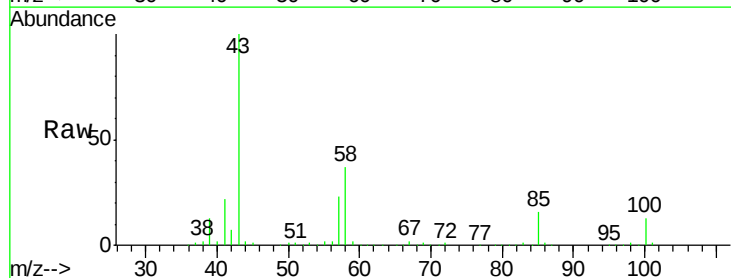


Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0

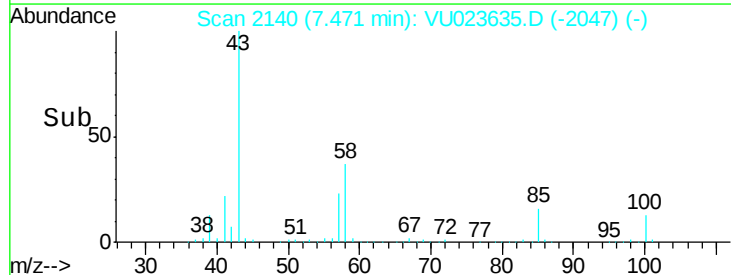
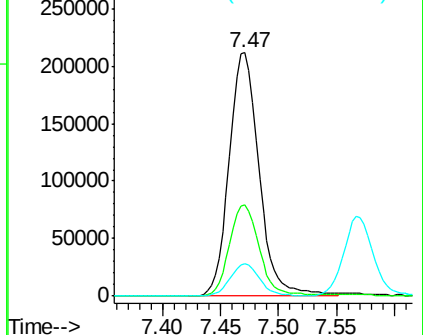


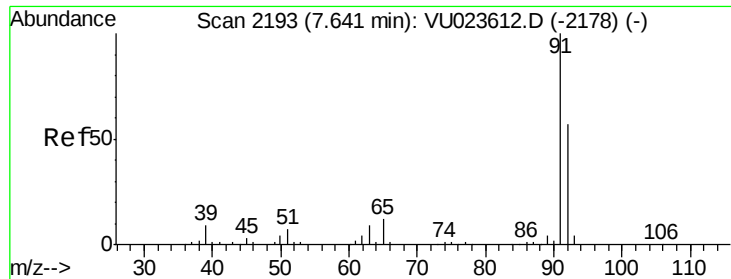
#40
 4-Methyl-2-pentanone
 Concen: 46.30 ug/L
 RT: 7.47 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VU023635.D
 Acq: 04 May 2018 16:53

Tgt Ion: 43 Resp: 380633
 Ion Ratio Lower Upper
 43 100
 58 37.6 29.7 44.5
 100 13.1 10.1 15.1



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 100.15 (99.85 to 100.85): VU0





#42

Toluene

Concen: 5.34 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023635.D

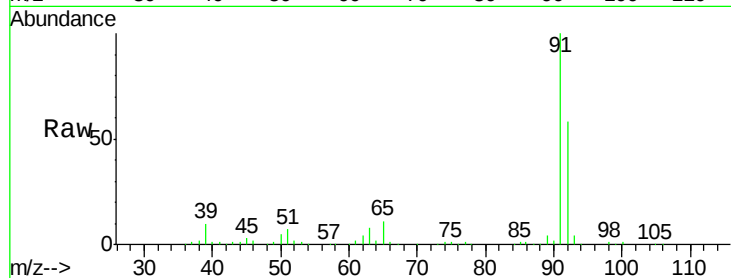
Acq: 04 May 2018 16:53

Tgt Ion: 91 Resp: 263460

Ion Ratio Lower Upper

91 100

92 57.6 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.64

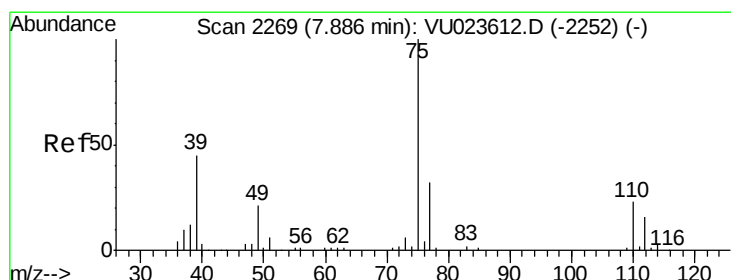
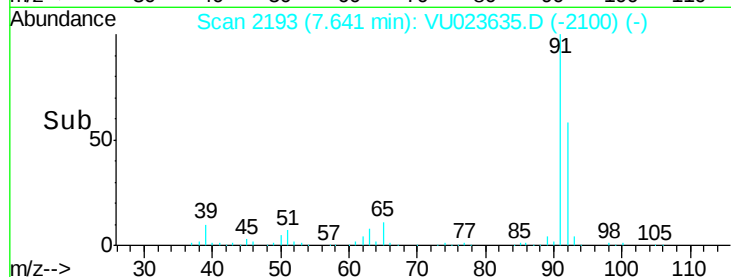
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#44

trans-1,3-Dichloropropene

Concen: 5.12 ug/L

RT: 7.89 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VU023635.D

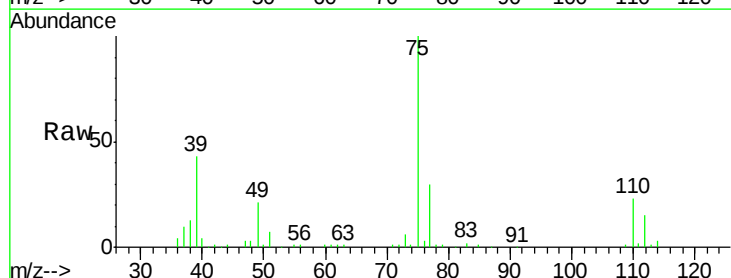
Acq: 04 May 2018 16:53

Tgt Ion: 75 Resp: 70217

Ion Ratio Lower Upper

75 100

77 30.3 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.89

40000

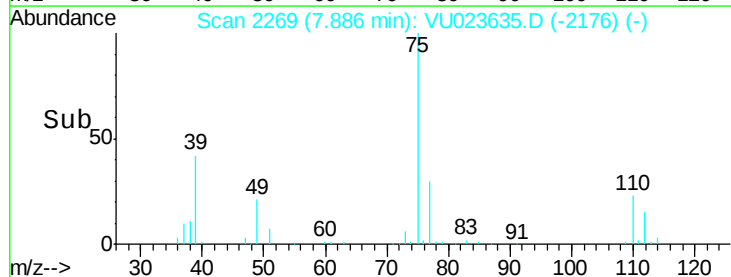
30000

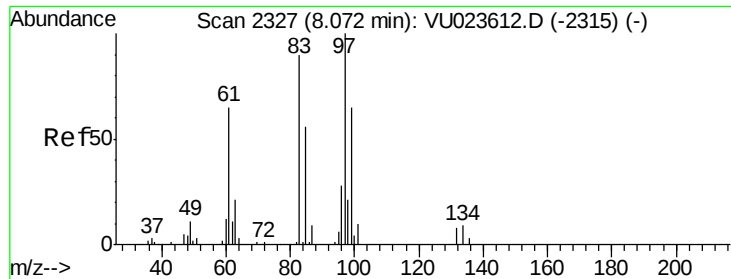
20000

10000

0

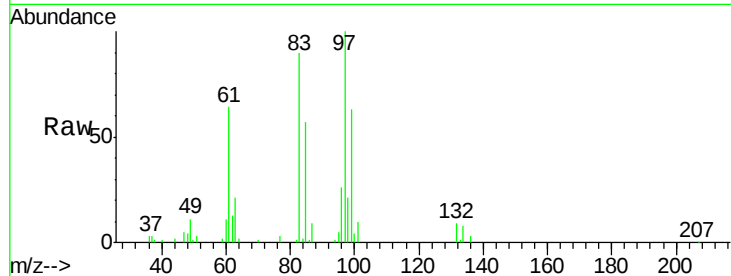
Time--> 7.80 7.90 8.00



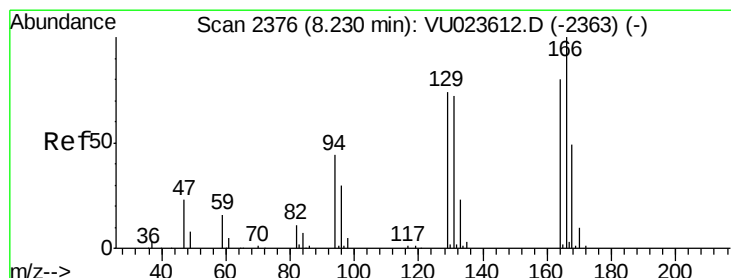
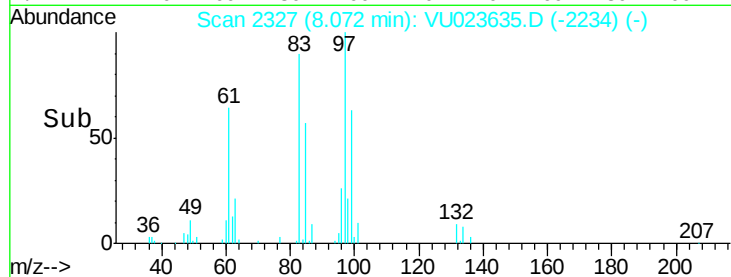
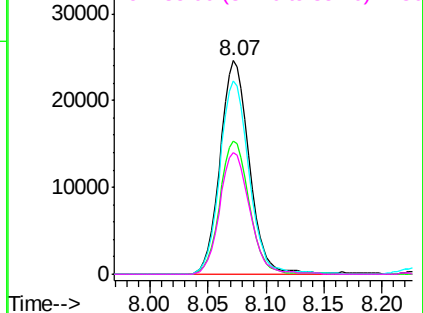


#45
 1,1,2-Trichloroethane
 Concen: 5.08 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: VU023635.D
 Acq: 04 May 2018 16:53

Tgt Ion:	97	Resp:	42995
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.0	81.8
83	90.4	61.6	114.4
85	57.0	41.8	77.6

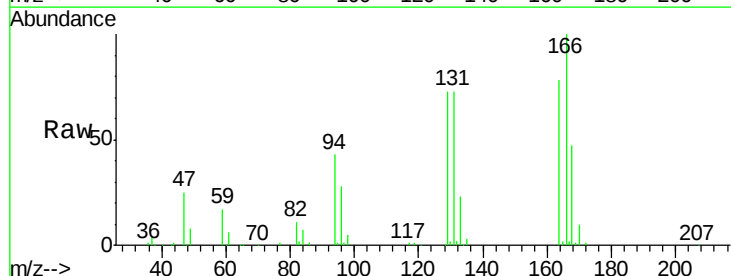


Abundance Ion 96.95 (96.65 to 97.65): VU023635.D (-2234) (-)
 Ion 99.05 (98.75 to 99.75): VU023635.D (-2234) (-)
 Ion 82.95 (82.65 to 83.65): VU023635.D (-2234) (-)
 Ion 85.00 (84.70 to 85.70): VU023635.D (-2234) (-)

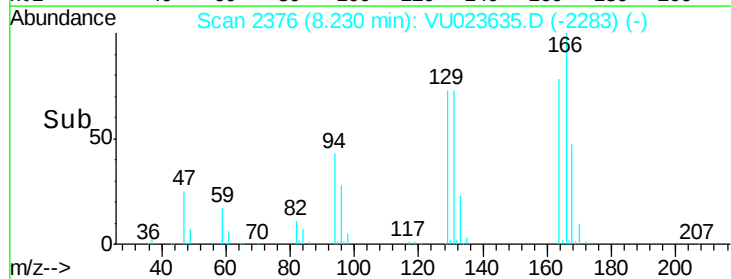
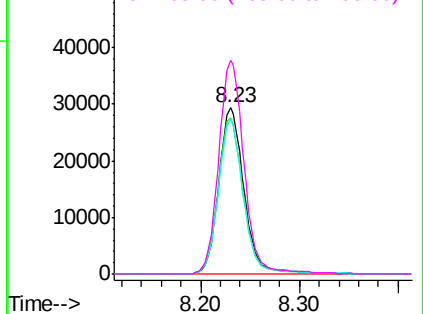


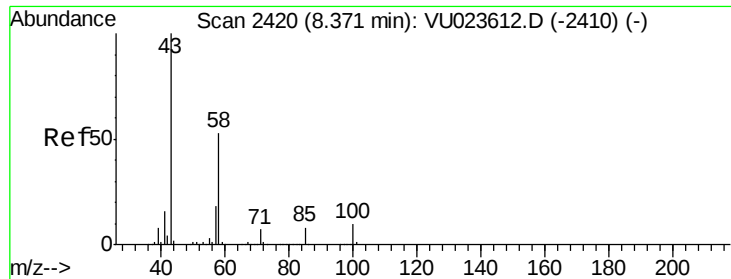
#47
 Tetrachloroethene
 Concen: 5.29 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU023635.D
 Acq: 04 May 2018 16:53

Tgt Ion:	164	Resp:	52946
Ion	Ratio	Lower	Upper
164	100		
129	94.3	64.4	119.6
131	93.1	63.9	118.7
166	128.5	90.0	167.2



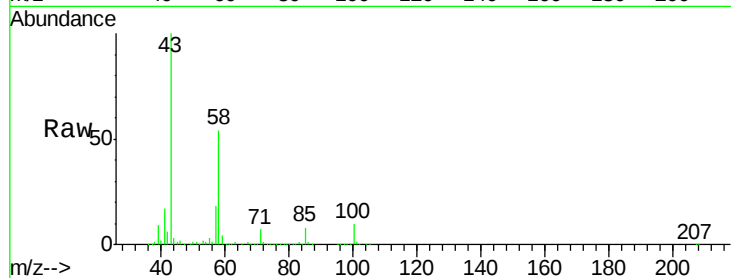
Abundance Ion 163.90 (163.60 to 164.60): VU023635.D (-2283) (-)
 Ion 128.95 (128.65 to 129.65): VU023635.D (-2283) (-)
 Ion 130.95 (130.65 to 131.65): VU023635.D (-2283) (-)
 Ion 165.90 (165.60 to 166.60): VU023635.D (-2283) (-)



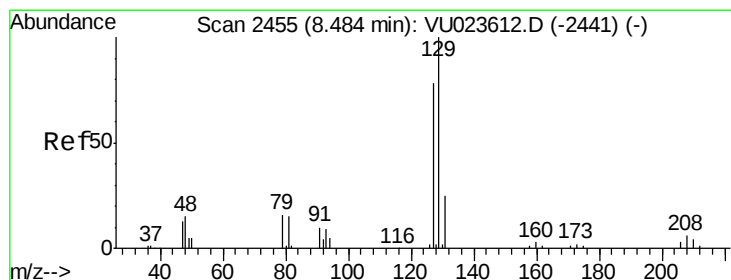
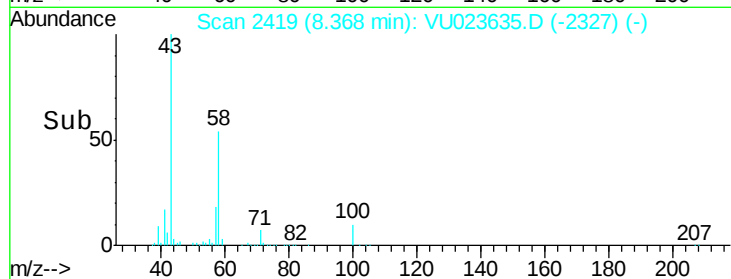
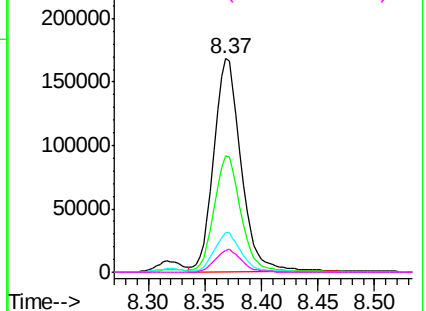


#48
2-Hexanone
Concen: 47.23 ug/L
RT: 8.37 min Scan# 2419
Delta R.T. -0.00 min
Lab File: VU023635.D
Acq: 04 May 2018 16:53

Tgt Ion:	43	Resp:	281212
Ion	Ratio	Lower	Upper
43	100		
58	53.9	42.1	63.1
57	18.3	14.3	21.5
100	10.6	7.8	11.8

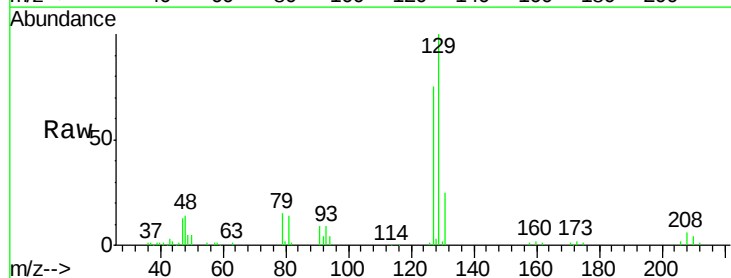


Abundance Ion 43.05 (42.75 to 43.75): VU023635.D (-2327) (-)
Ion 58.05 (57.75 to 58.75): VU023635.D (-2327) (-)
Ion 57.20 (56.90 to 57.90): VU023635.D (-2327) (-)
Ion 100.15 (99.85 to 100.85): VU023635.D (-2327) (-)

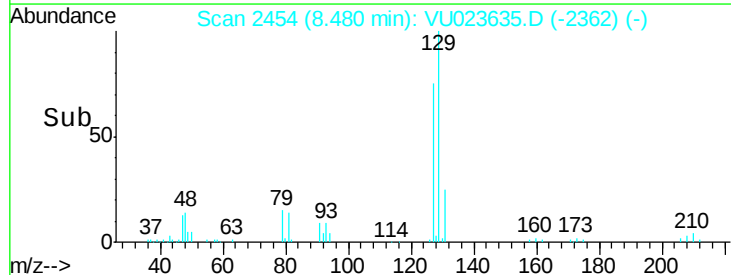
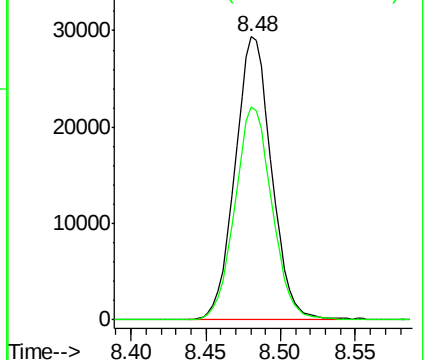


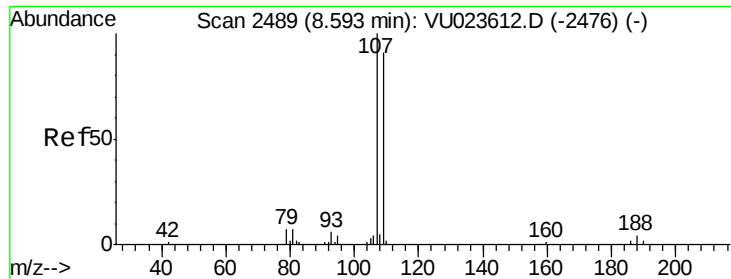
#49
Dibromochloromethane
Concen: 5.14 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU023635.D
Acq: 04 May 2018 16:53

Tgt Ion:	129	Resp:	49797
Ion	Ratio	Lower	Upper
129	100		
127	75.1	56.9	105.7



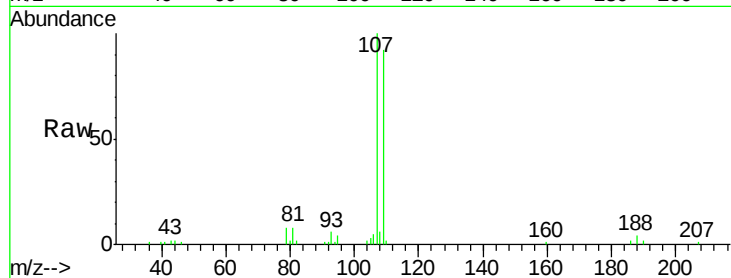
Abundance Ion 128.95 (128.65 to 129.65): VU023635.D (-2362) (-)
Ion 126.90 (126.60 to 127.60): VU023635.D (-2362) (-)



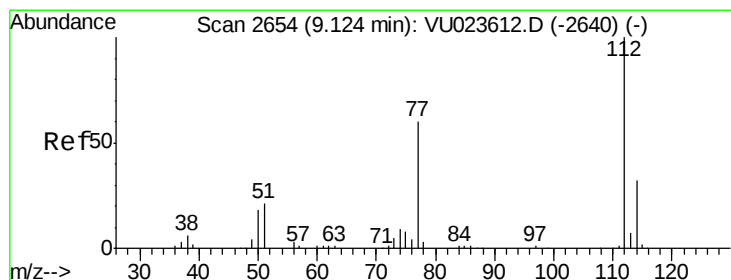
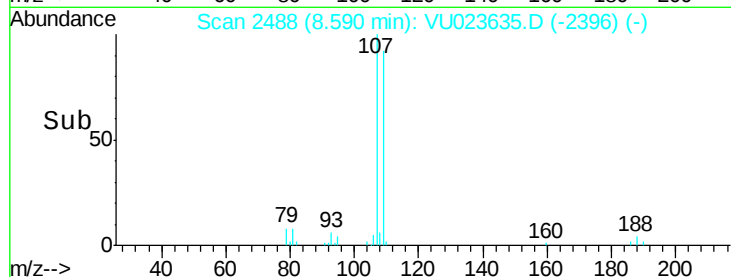
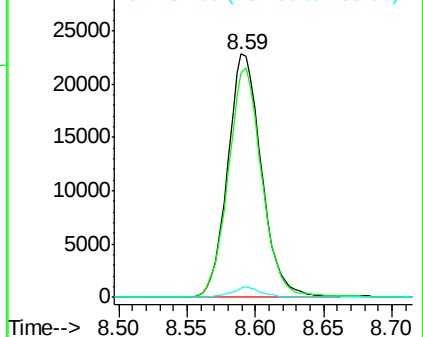


#50
1,2-Dibromoethane
Concen: 4.98 ug/L
RT: 8.59 min Scan# 2488
Delta R.T. -0.00 min
Lab File: VU023635.D
Acq: 04 May 2018 16:53

Tgt Ion:107 Resp: 39337
Ion Ratio Lower Upper
107 100
109 92.2 68.4 127.0
188 3.7 3.0 4.4

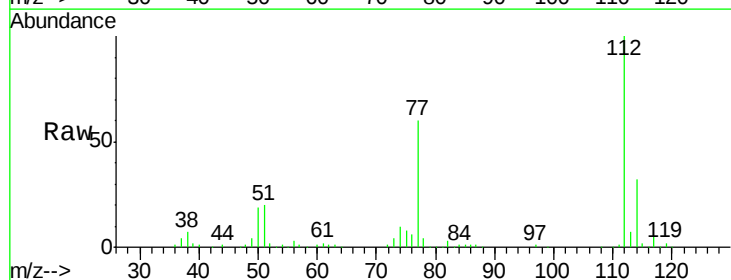


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

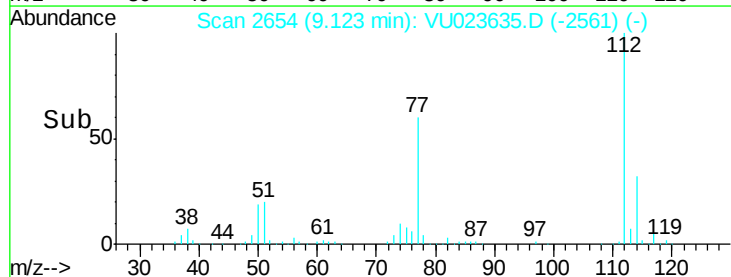
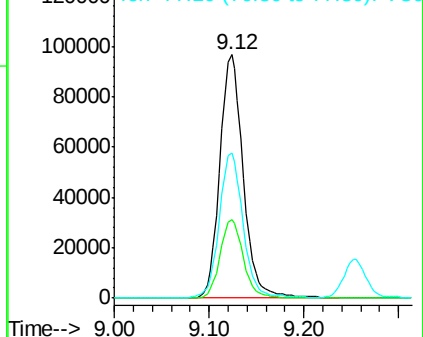


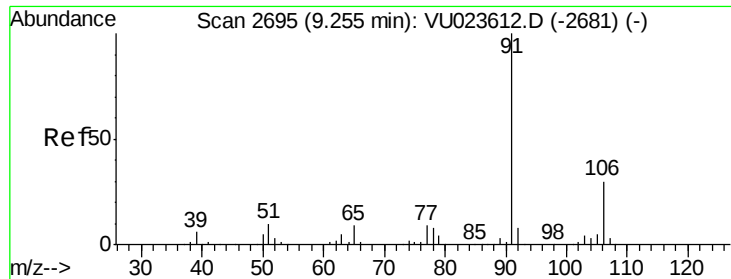
#51
Chlorobenzene
Concen: 5.15 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU023635.D
Acq: 04 May 2018 16:53

Tgt Ion:112 Resp: 166686
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.3
77 59.6 48.8 73.2



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 5.15 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. -0.00 min

Lab File: VU023635.D

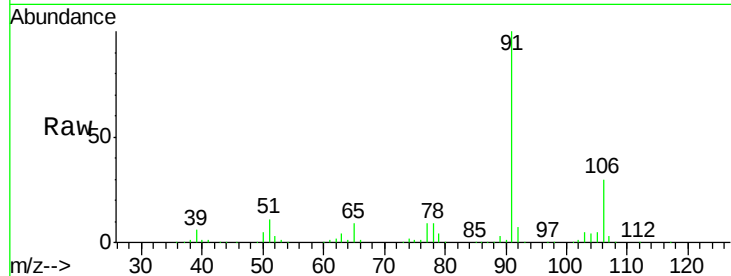
Acq: 04 May 2018 16:53

Tgt Ion: 91 Resp: 270477

Ion Ratio Lower Upper

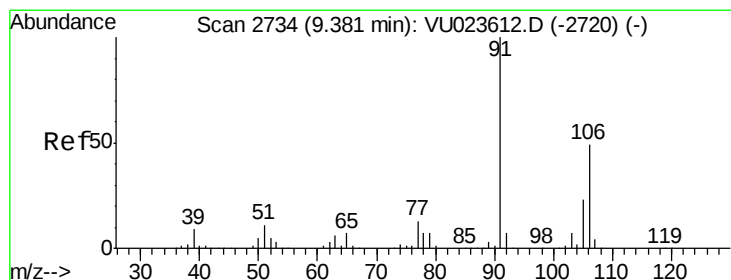
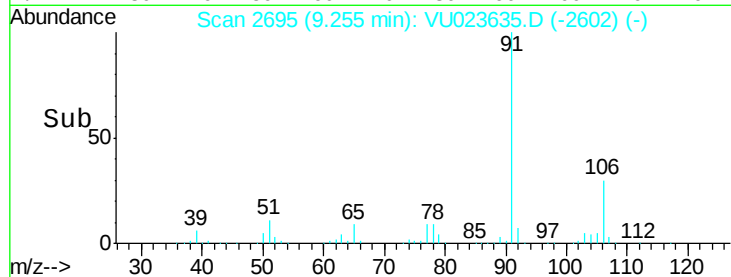
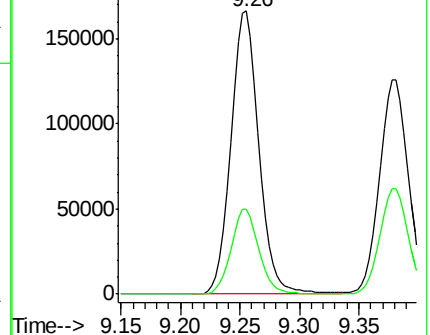
91 100

106 30.0 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V



#53

m,p-xylene

Concen: 5.29 ug/L

RT: 9.38 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VU023635.D

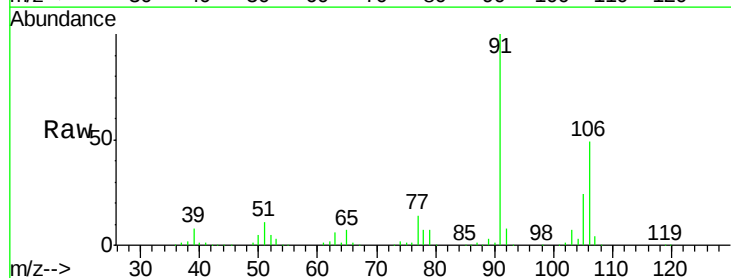
Acq: 04 May 2018 16:53

Tgt Ion: 106 Resp: 104189

Ion Ratio Lower Upper

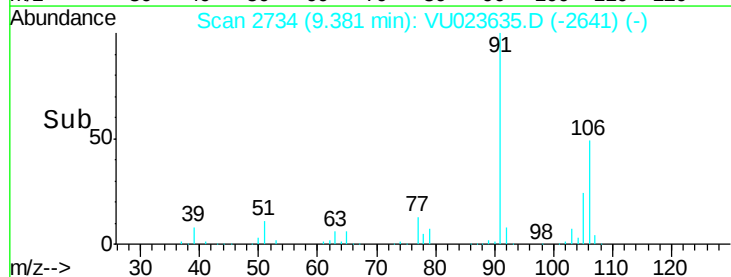
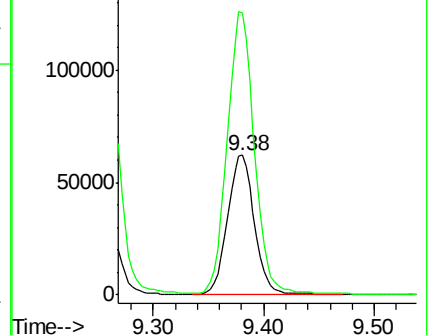
106 100

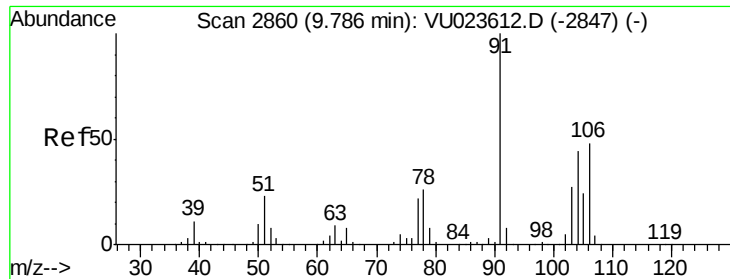
91 202.3 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): V

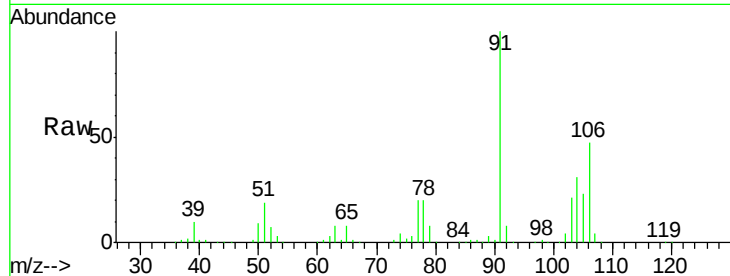
Ion 91.15 (90.85 to 91.85): VU0



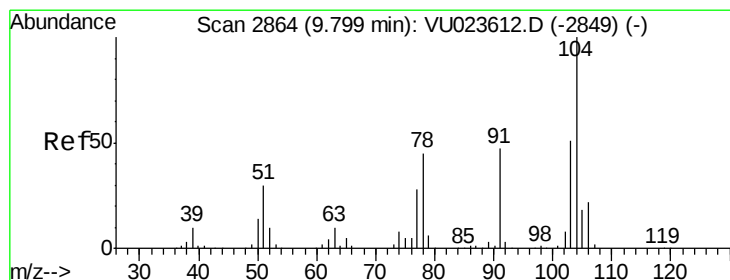
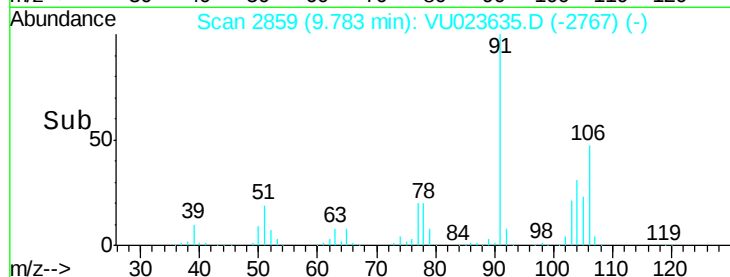
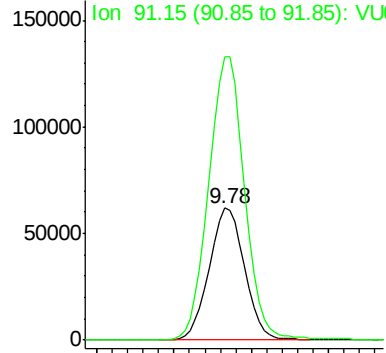


#54
o-xylene
Concen: 5.30 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023635.D
Acq: 04 May 2018 16:53

Tgt Ion:106 Resp: 98698
Ion Ratio Lower Upper
106 100
91 214.8 151.5 281.5

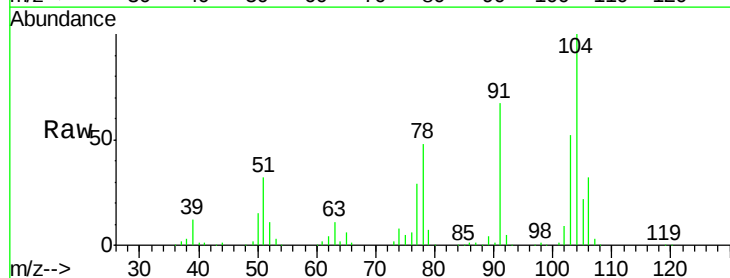


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

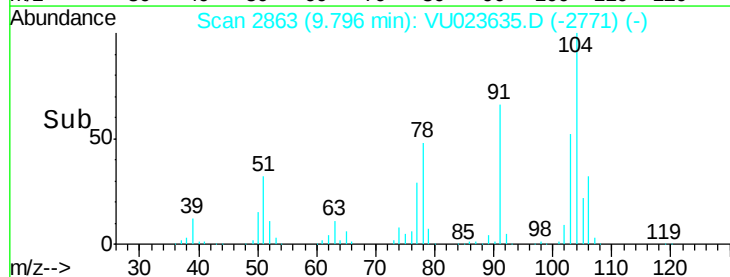
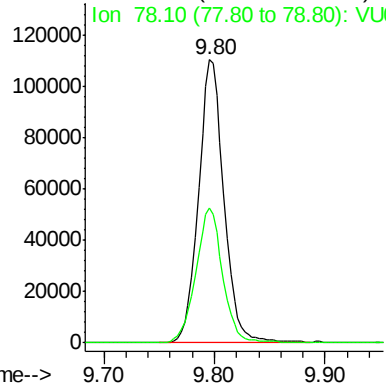


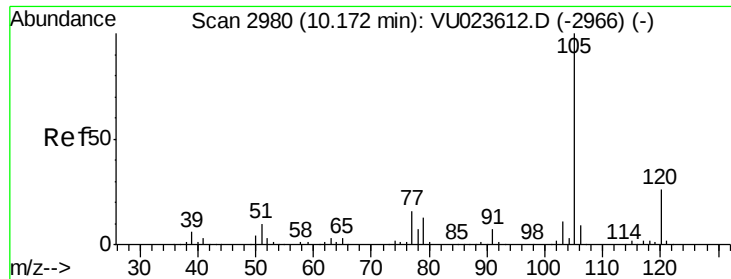
#55
Styrene
Concen: 5.42 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023635.D
Acq: 04 May 2018 16:53

Tgt Ion:104 Resp: 177057
Ion Ratio Lower Upper
104 100
78 47.6 32.0 59.4



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 5.33 ug/L

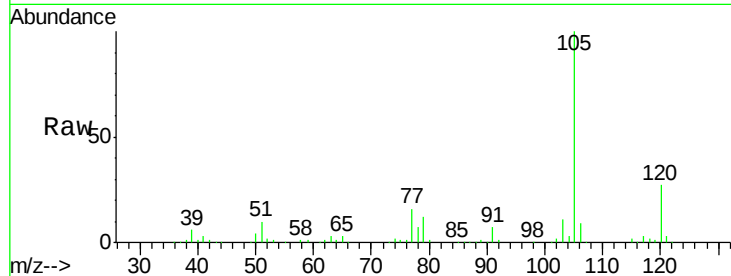
RT: 10.17 min Scan# 2980

Delta R.T. -0.00 min

Lab File: VU023635.D

Acq: 04 May 2018 16:53

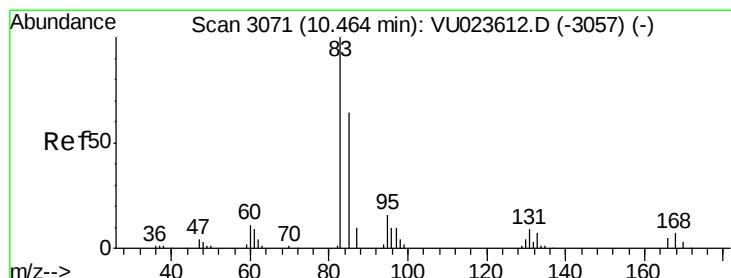
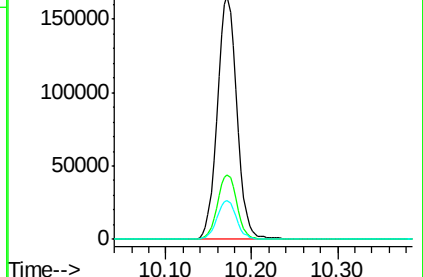
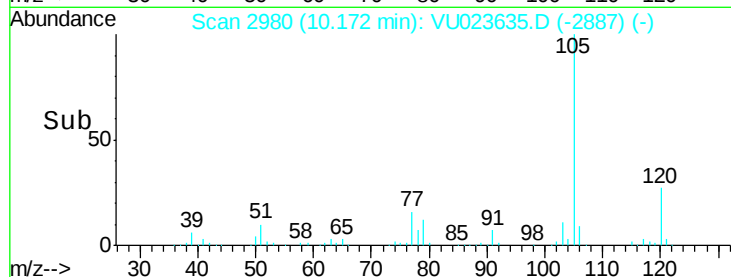
Tgt Ion:	105	Resp:	262731
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.1	31.7
77	16.0	13.1	19.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.79 ug/L

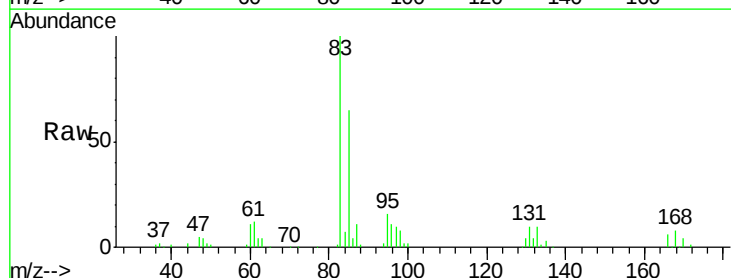
RT: 10.46 min Scan# 3071

Delta R.T. -0.00 min

Lab File: VU023635.D

Acq: 04 May 2018 16:53

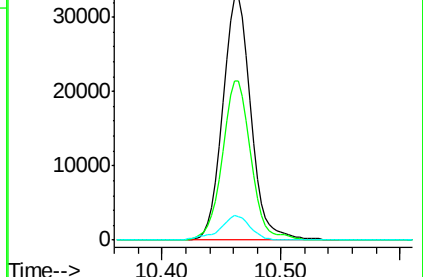
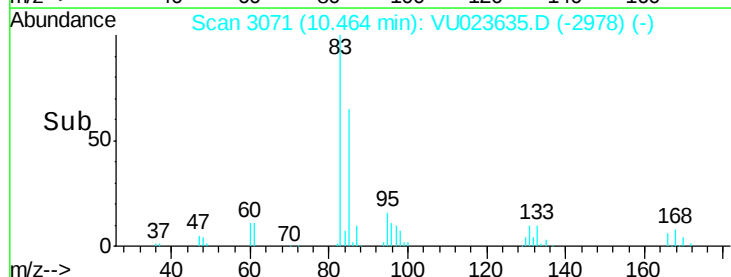
Tgt Ion:	83	Resp:	53961
Ion	Ratio	Lower	Upper
83	100		
85	65.2	44.2	82.2
131	9.9	7.3	10.9

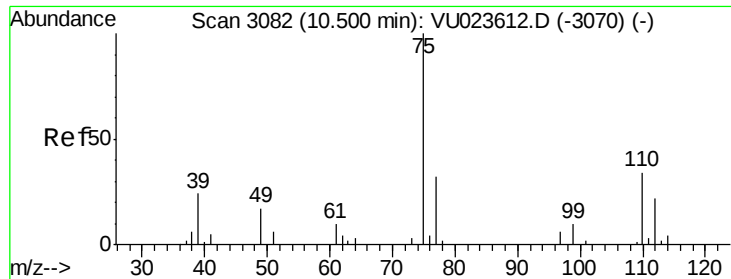


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

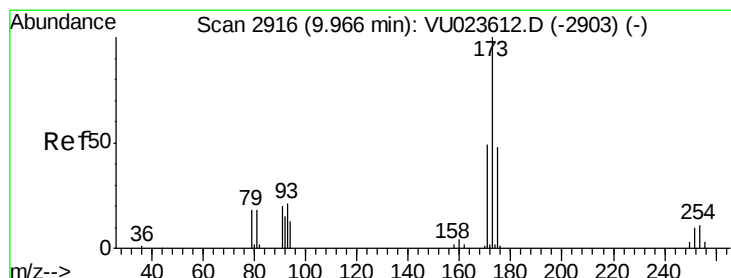
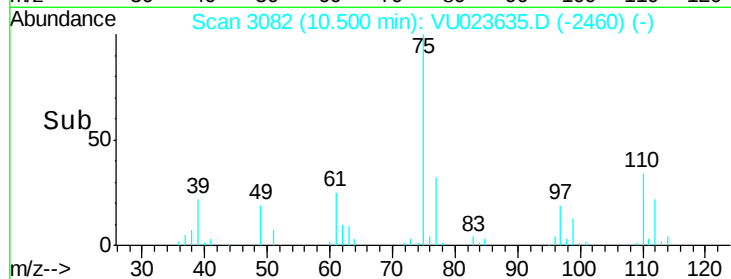
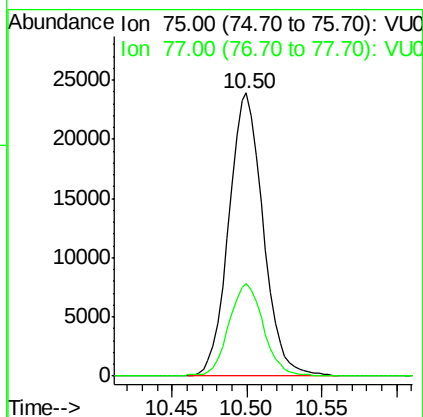
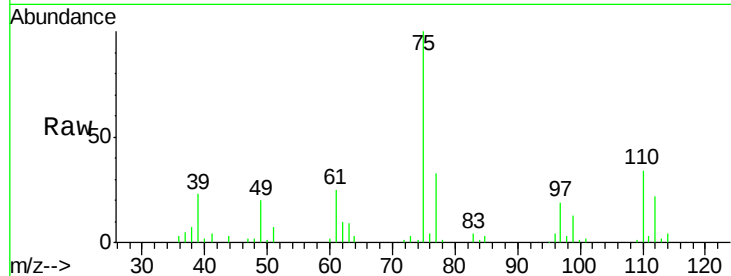
Ion 130.95 (130.65 to 131.65): V





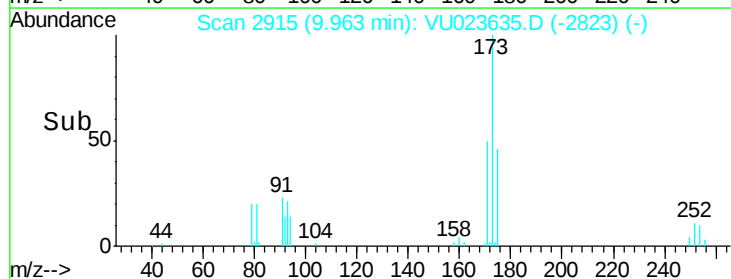
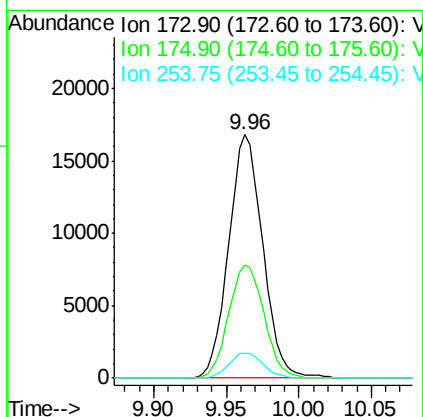
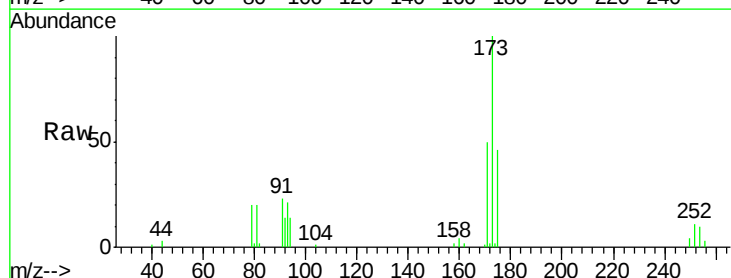
#59
 1,2,3-Trichloropropane
 Concen: 4.81 ug/L
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.00 min
 Lab File: VU023635.D
 Acq: 04 May 2018 16:53

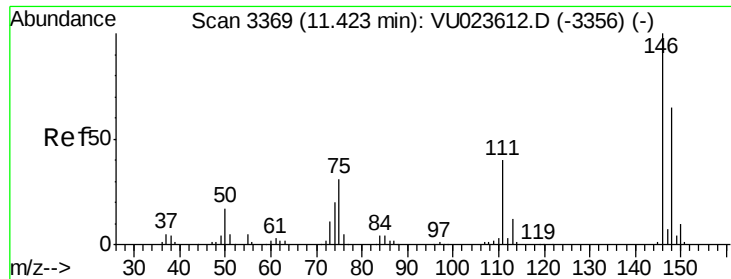
Tgt Ion: 75 Resp: 38221
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.0 39.0



#61
 Bromoform
 Concen: 5.05 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU023635.D
 Acq: 04 May 2018 16:53

Tgt Ion: 173 Resp: 27427
 Ion Ratio Lower Upper
 173 100
 175 48.1 38.1 57.1
 254 10.2 8.6 13.0





#62

1,3-Dichlorobenzene

Concen: 5.24 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. -0.00 min

Lab File: VU023635.D

Acq: 04 May 2018 16:53

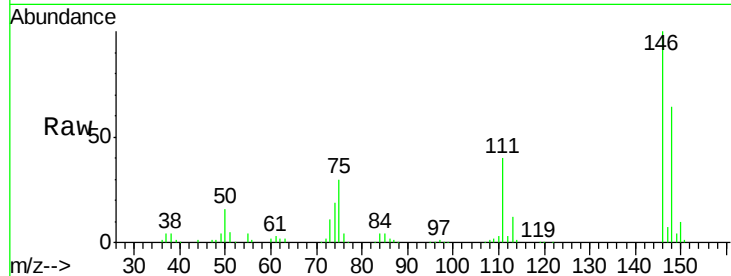
Tgt Ion:146 Resp: 127460

Ion Ratio Lower Upper

146 100

111 39.8 27.9 51.9

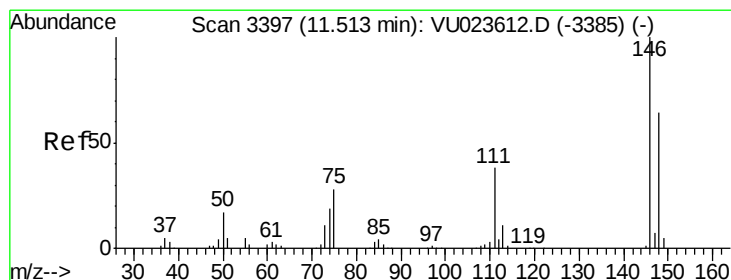
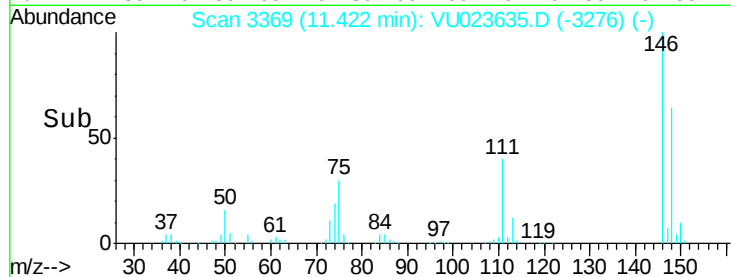
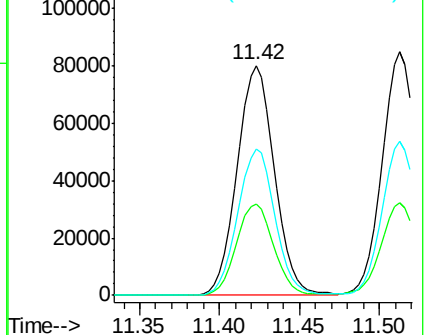
148 64.0 44.7 83.1



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.21 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. -0.00 min

Lab File: VU023635.D

Acq: 04 May 2018 16:53

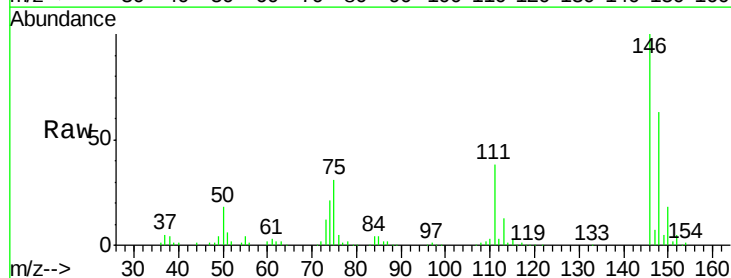
Tgt Ion:146 Resp: 133795

Ion Ratio Lower Upper

146 100

111 38.1 26.7 49.5

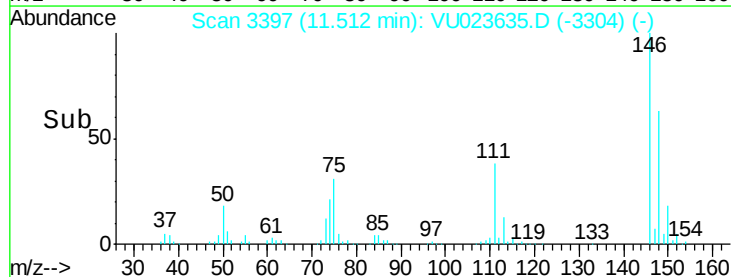
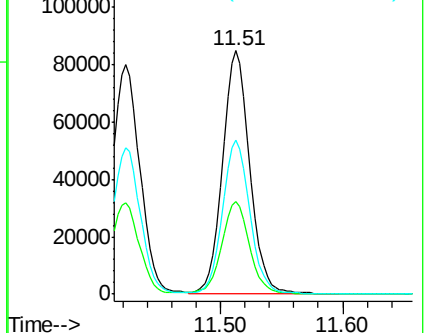
148 63.1 45.4 84.4

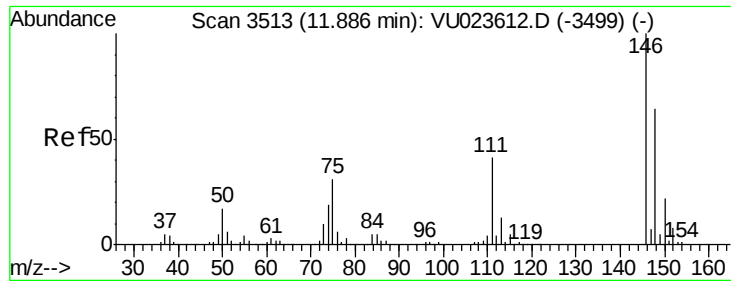


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.28 ug/L

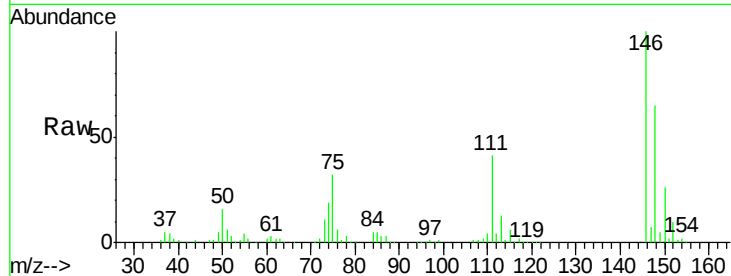
RT: 11.89 min Scan# 3513

Delta R.T. -0.00 min

Lab File: VU023635.D

Acq: 04 May 2018 16:53

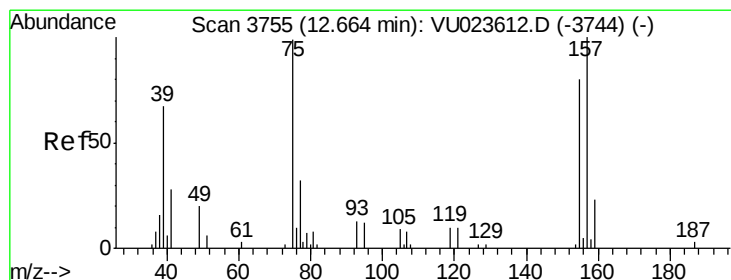
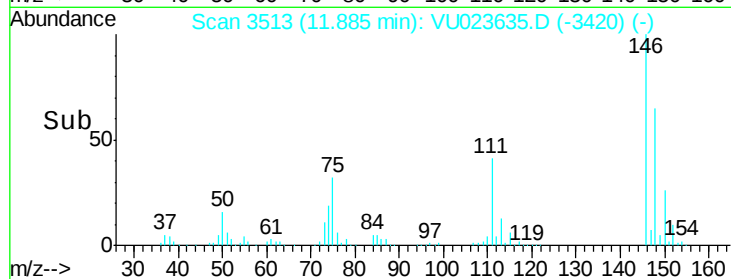
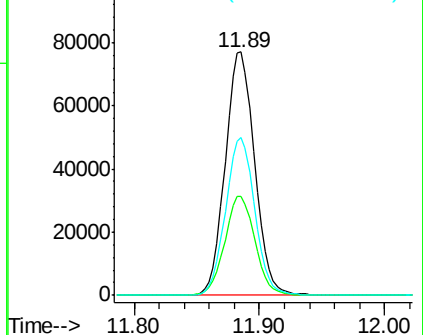
Tgt Ion:	146	Resp:	125289
Ion	Ratio	Lower	Upper
146	100		
111	40.6	33.0	49.6
148	64.8	50.8	76.2



Abundance Ion 145.95 (145.65 to 146.65): 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: 4.91 ug/L

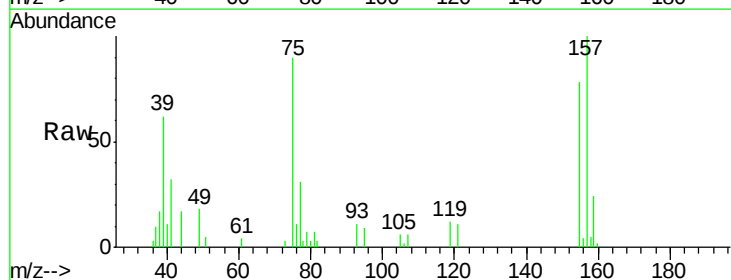
RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

Lab File: VU023635.D

Acq: 04 May 2018 16:53

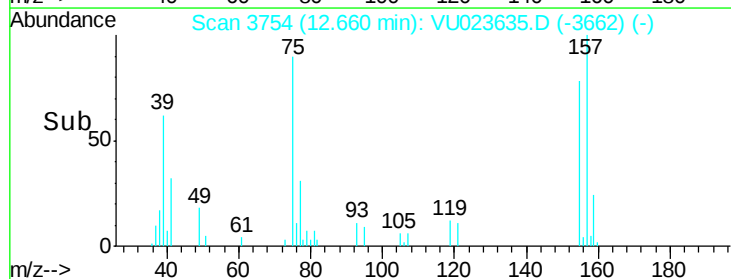
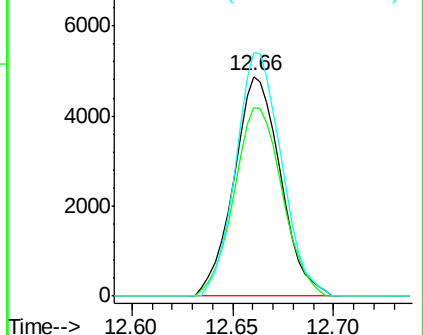
Tgt Ion:	75	Resp:	7880
Ion	Ratio	Lower	Upper
75	100		
155	86.1	60.6	90.8
157	111.0	87.7	131.5

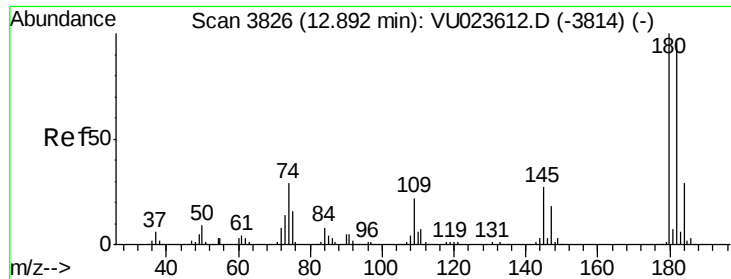


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

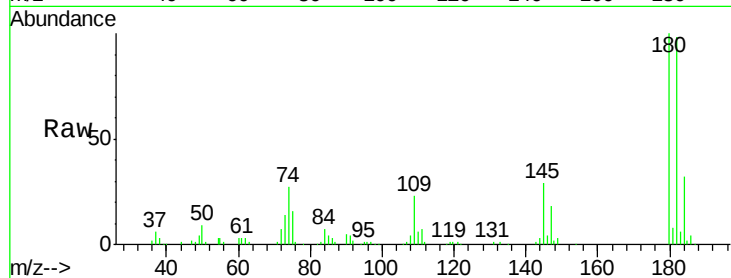
Ion 156.90 (156.60 to 157.60): V



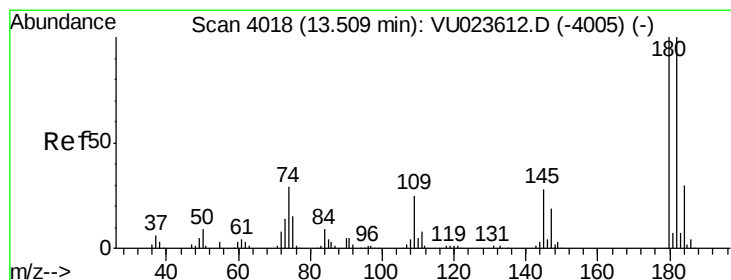
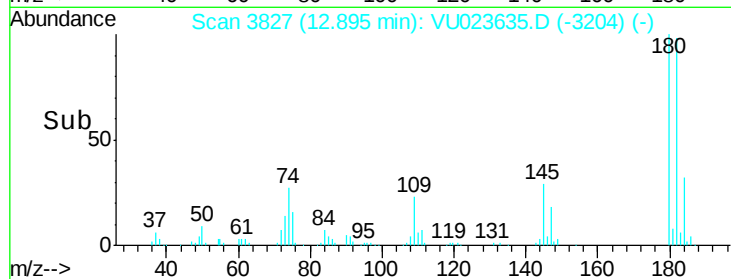
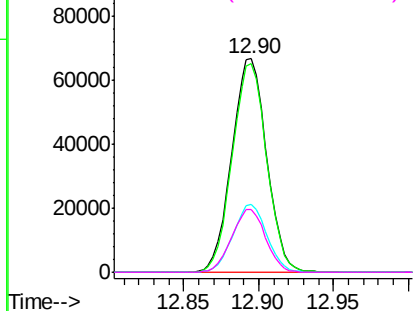


#67
 1,3,5-Trichlorobenzene
 Concen: 5.21 ug/L
 RT: 12.90 min Scan# 3827
 Delta R.T. 0.00 min
 Lab File: VU023635.D
 Acq: 04 May 2018 16:53

Tgt Ion:	180	Resp:	107985
Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.2	114.2
184	30.9	24.4	36.6
145	28.6	22.8	34.2

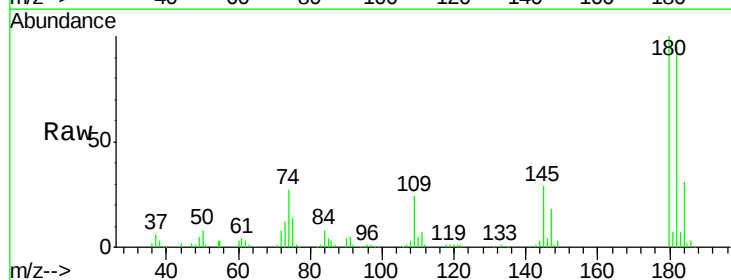


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

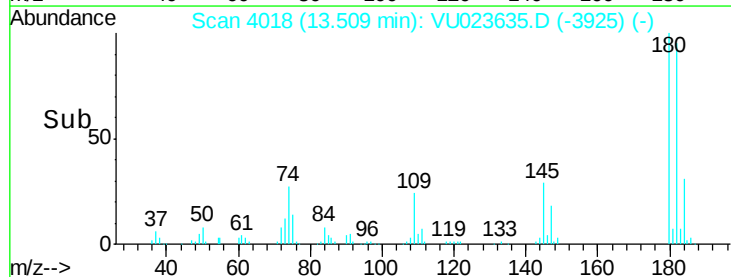
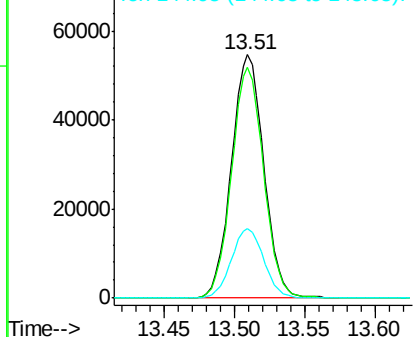


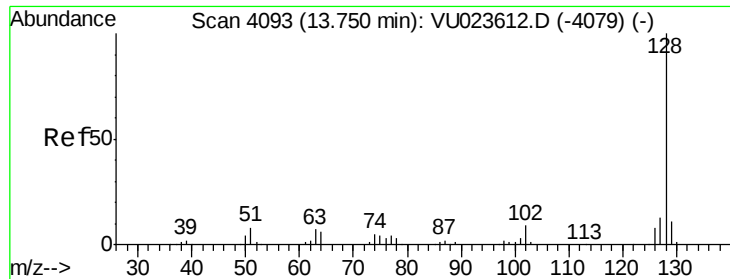
#68
 1,2,4-trichlorobenzene
 Concen: 5.14 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. -0.00 min
 Lab File: VU023635.D
 Acq: 04 May 2018 16:53

Tgt Ion:	180	Resp:	87843
Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.7	113.5
145	28.6	22.5	33.7



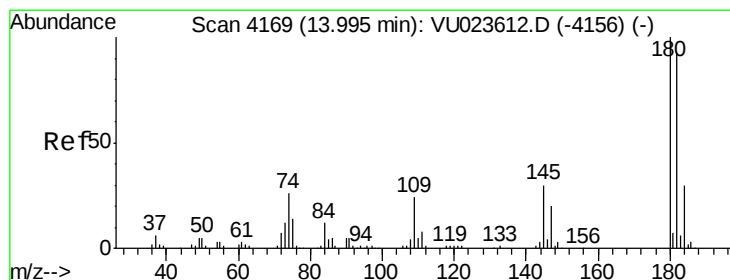
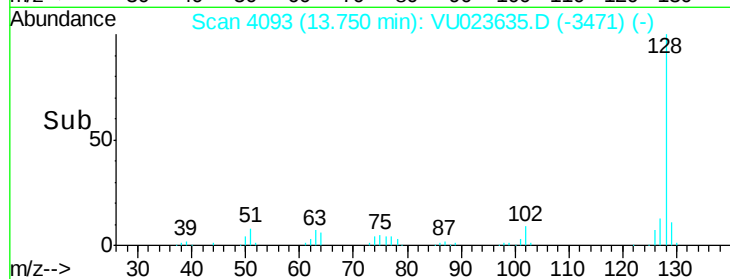
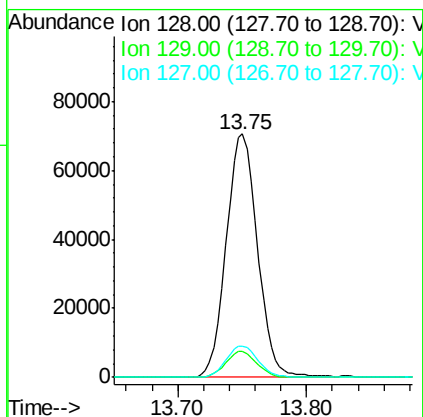
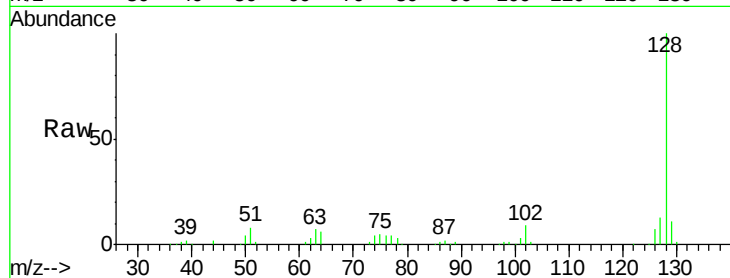
Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69
Naphthalene
Concen: 4.57 ug/L
RT: 13.75 min Scan# 4093
Delta R.T. -0.00 min
Lab File: VU023635.D
Acq: 04 May 2018 16:53

Tgt Ion:128 Resp: 118891
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.2 10.5 15.7



#70
1,2,3-Trichlorobenzene
Concen: 5.15 ug/L
RT: 13.99 min Scan# 4169
Delta R.T. -0.00 min
Lab File: VU023635.D
Acq: 04 May 2018 16:53

Tgt Ion:180 Resp: 82520
Ion Ratio Lower Upper
180 100
182 97.5 75.9 113.9
145 30.2 24.3 36.5

