

Data File : VU023615.D
Acq On : 03 May 2018 21:44
Operator : MD/SY
Sample : J2630-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 04 04:45:43 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	105668	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	96939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	39094	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	104468	13.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	272.60%#
7) Chloroethane-d5	1.68	69	32925	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.60%
11) 1,1-Dichloroethene-d2	2.28	63	61721	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	4.24	46	165735	74.74	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	149.48%#
24) Chloroform-d	4.65	84	75148	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.32	65	47406	6.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.80%
32) Benzene-d6	5.34	84	137925	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.34	67	54379	6.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	128.40%
41) Toluene-d8	7.57	98	92346	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.86	79	12050	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.32	63	109928	68.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.50%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	46685	6.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	138.40%#
64) 1,2-Dichlorobenzene-d4	11.87	152	39681	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2701	0.27	ug/L	91
5) Vinyl chloride	1.40	62	9079824	919.11	ug/L	93
12) 1,1-Dichloroethene	2.29	96	37930	6.09	ug/L	92
13) Acetone	2.33	43	8456	6.67	ug/L	97
14) Carbon disulfide	2.48	76	16994	0.76	ug/L	98
16) Methylene chloride	2.70	84	2308	0.32	ug/L	96
17) Methyl tert-butyl Ether	3.01	73	7771	0.48	ug/L #	90
18) trans-1,2-Dichloroethene	2.98	96	321577	46.75	ug/L	99
21) 2-Butanone	4.24	43	2332	1.00	ug/L #	1
34) Trichloroethene	6.19	95	10530	1.38	ug/L	95
37) 1,2-Dichloropropane	6.34	63	5741	0.71	ug/L #	89
47) Tetrachloroethene	8.23	164	2315	0.38	ug/L	95
48) 2-Hexanone	8.32	43	15246	4.25	ug/L #	78
49) Dibromochloromethane	8.23	129	2157	0.37	ug/L #	9
59) 1,2,3-Trichloropropane	11.49	75	4738	0.99	ug/L	93

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
Quantitation Report (Not Reviewed)

Data File : VU023615.D
Acq On : 03 May 2018 21:44
Operator : MD/SY
Sample : J2630-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

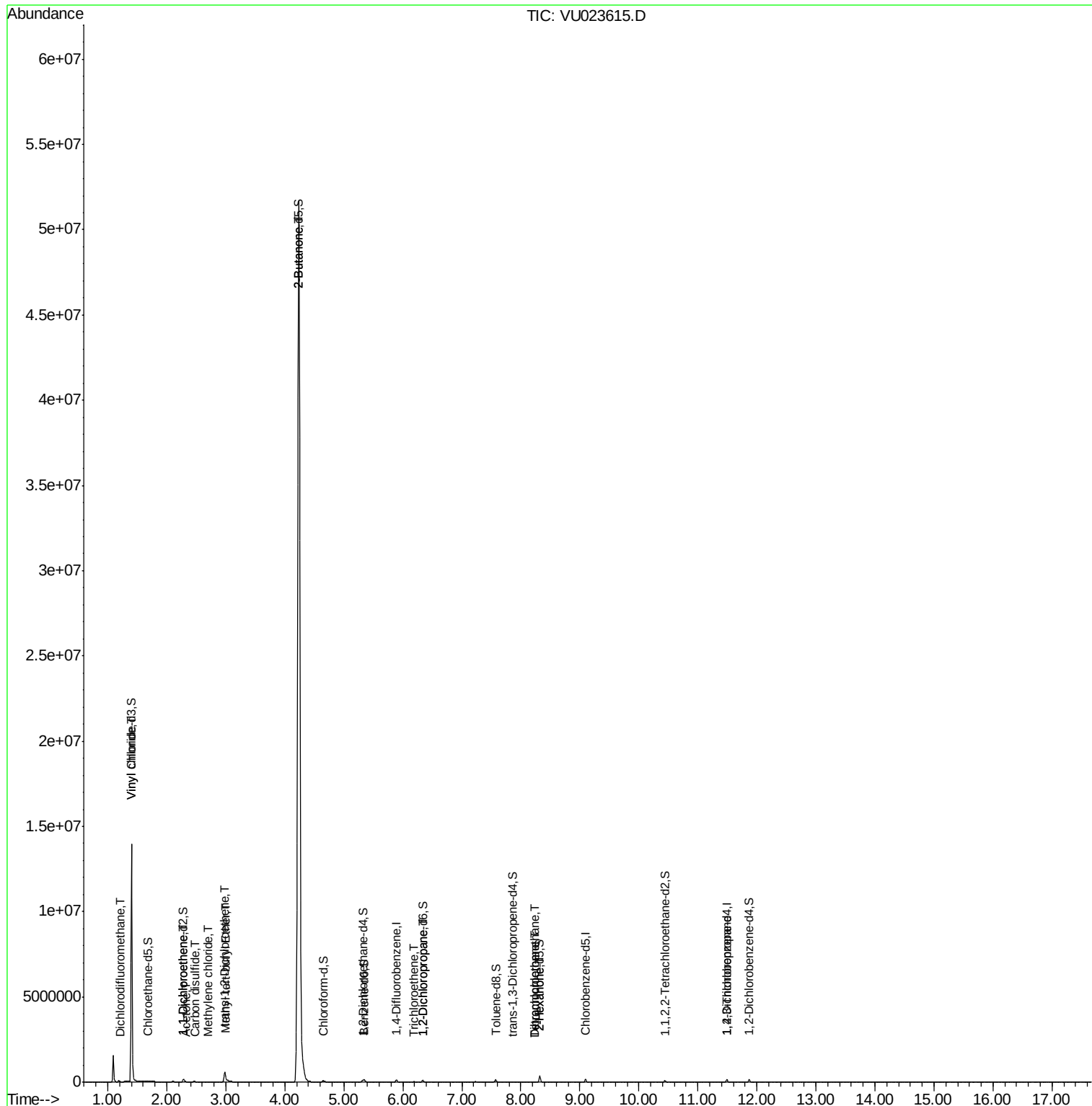
Quant Time: May 04 04:45:43 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 04:44:45 2018
Response via : Initial Calibration

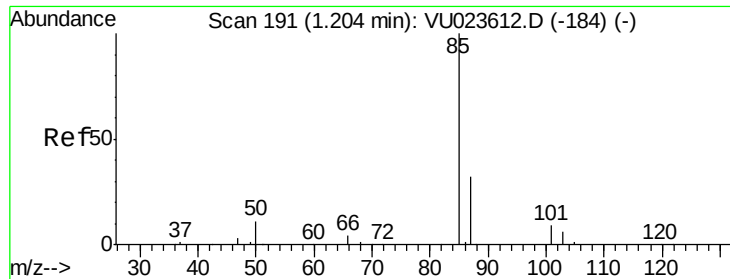
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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#2

Dichlorodifluoromethane

Concen: 0.27 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023615.D

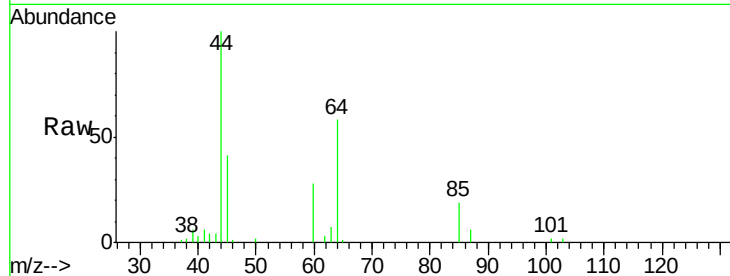
Acq: 03 May 2018 21:44

Tgt Ion: 85 Resp: 2701

Ion Ratio Lower Upper

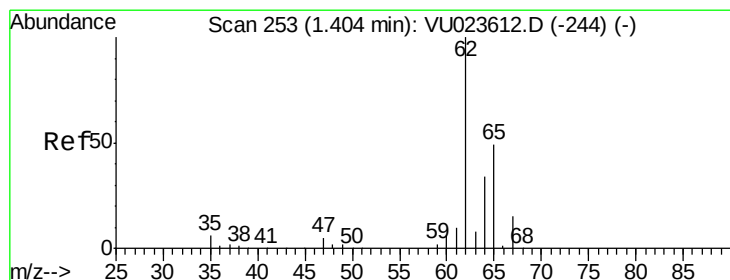
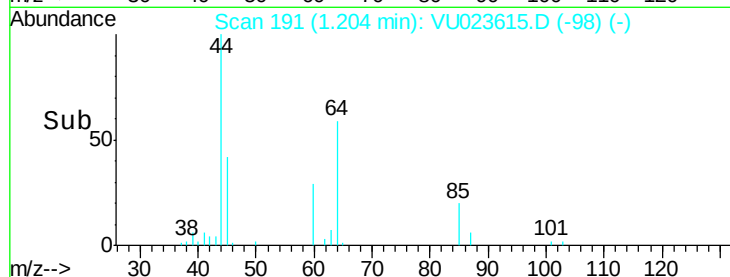
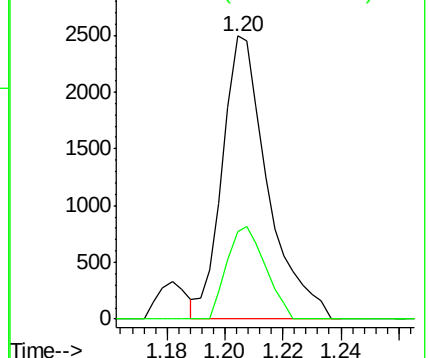
85 100

87 27.5 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#5

Vinyl chloride

Concen: 919.11 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU023615.D

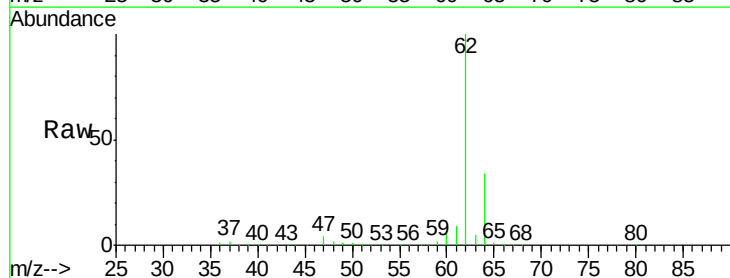
Acq: 03 May 2018 21:44

Tgt Ion: 62 Resp: 9079824

Ion Ratio Lower Upper

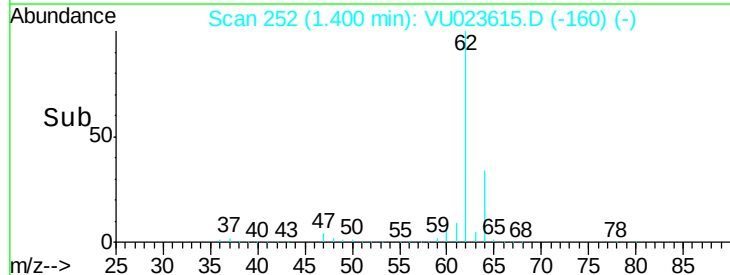
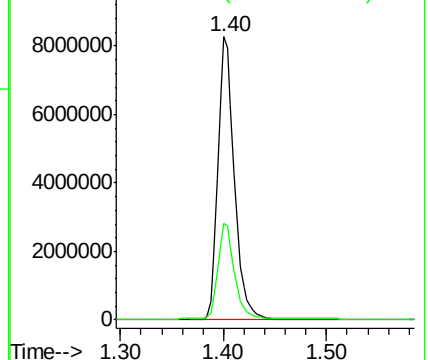
62 100

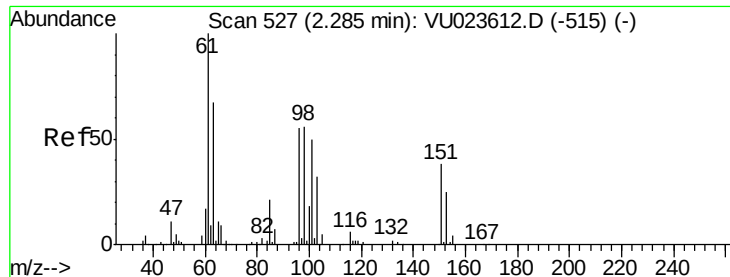
64 34.2 26.9 49.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#12

1,1-Dichloroethene

Concen: 6.09 ug/L

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU023615.D

Acq: 03 May 2018 21:44

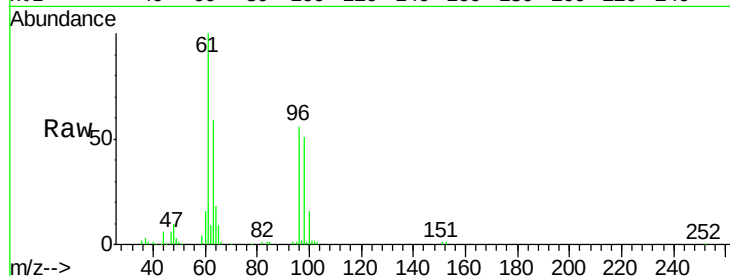
Tgt Ion: 96 Resp: 37930

Ion Ratio Lower Upper

96 100

61 177.9 127.4 236.6

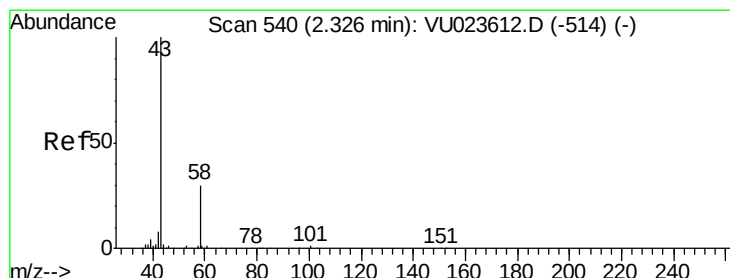
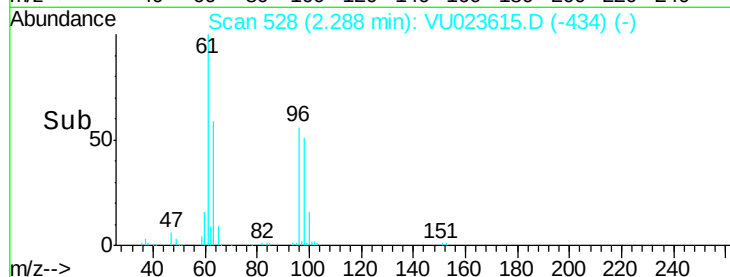
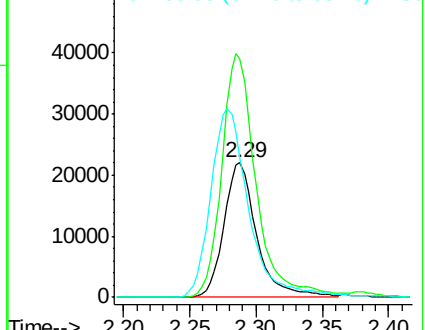
63 104.5 84.8 157.4



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 6.67 ug/L

RT: 2.33 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU023615.D

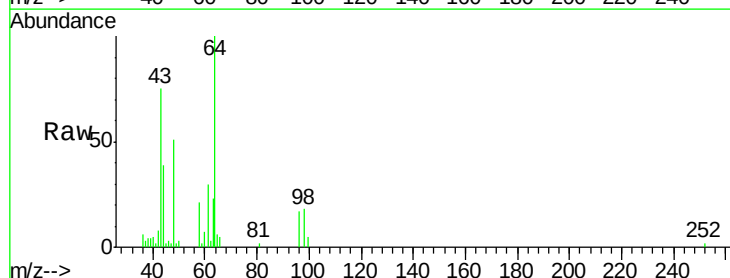
Acq: 03 May 2018 21:44

Tgt Ion: 43 Resp: 8456

Ion Ratio Lower Upper

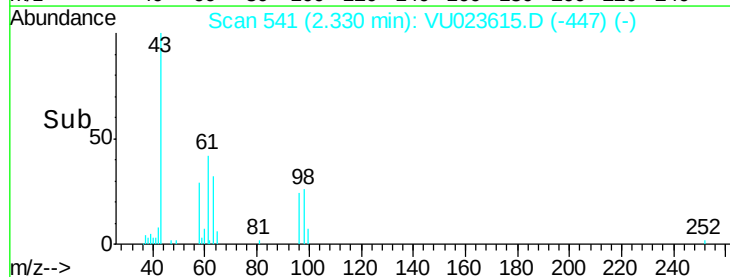
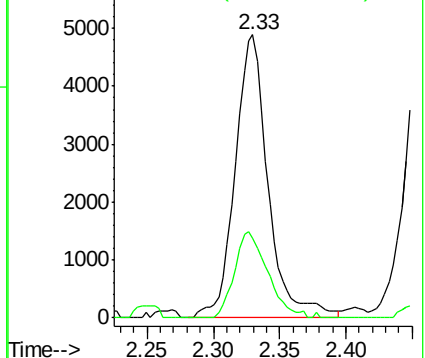
43 100

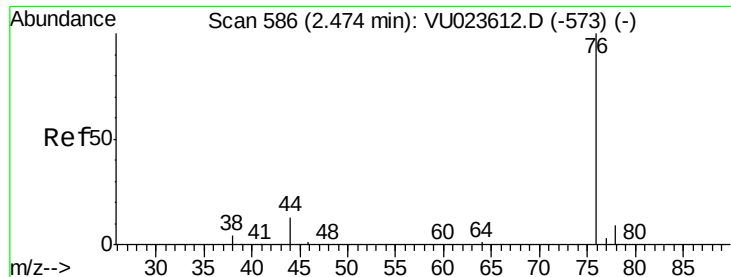
58 30.4 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.76 ug/L

RT: 2.48 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU023615.D

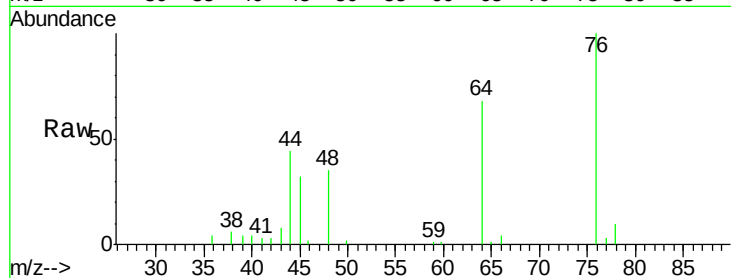
Acq: 03 May 2018 21:44

Tgt Ion: 76 Resp: 16994

Ion Ratio Lower Upper

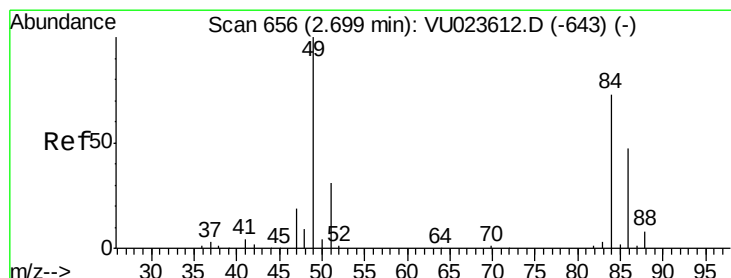
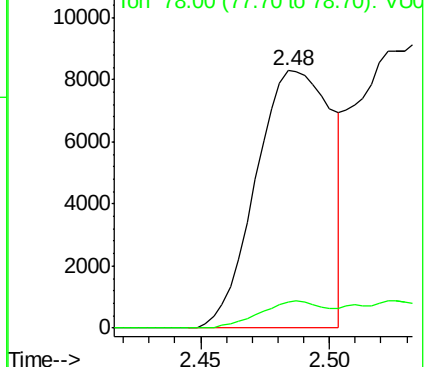
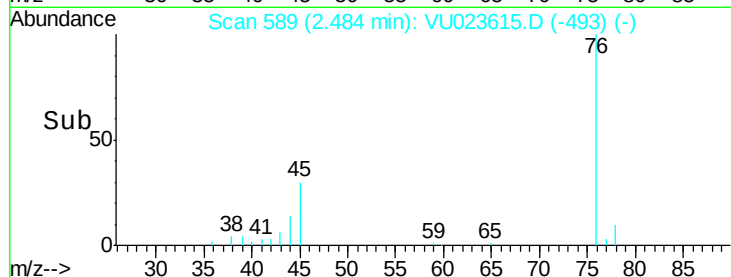
76 100

78 10.2 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU023615.D (-493) (-)

Ion 78.00 (77.70 to 78.70): VU023615.D (-493) (-)



#16

Methylene chloride

Concen: 0.32 ug/L

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU023615.D

Acq: 03 May 2018 21:44

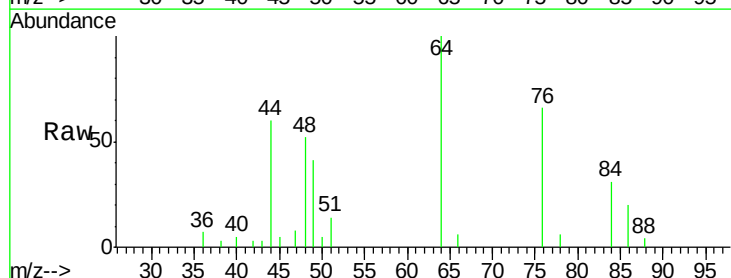
Tgt Ion: 84 Resp: 2308

Ion Ratio Lower Upper

84 100

86 63.6 46.0 85.4

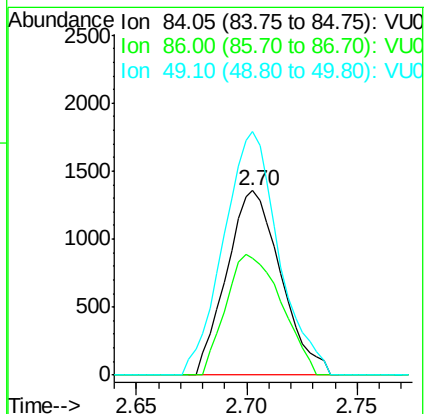
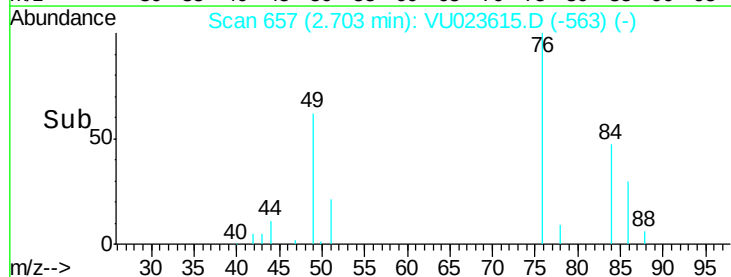
49 132.0 96.0 178.4

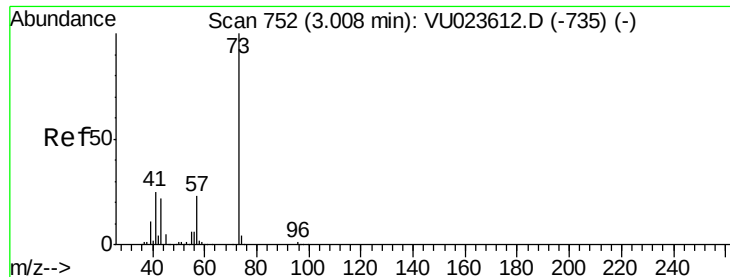


Abundance Ion 84.05 (83.75 to 84.75): VU023615.D (-563) (-)

Ion 86.00 (85.70 to 86.70): VU023615.D (-563) (-)

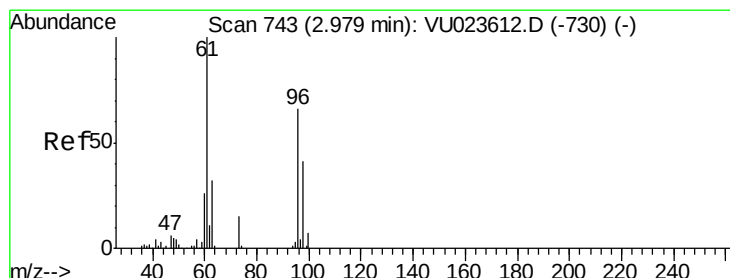
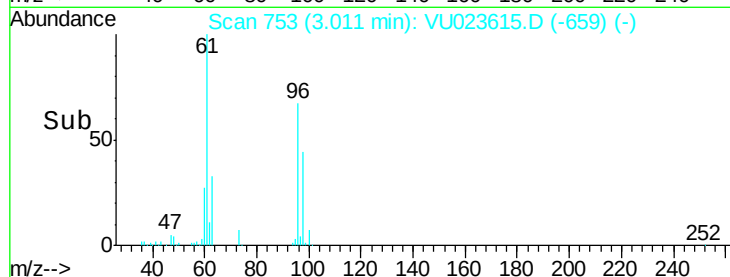
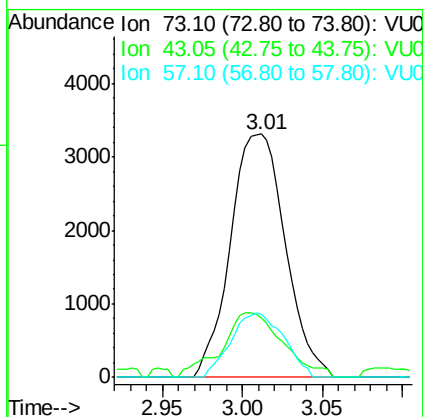
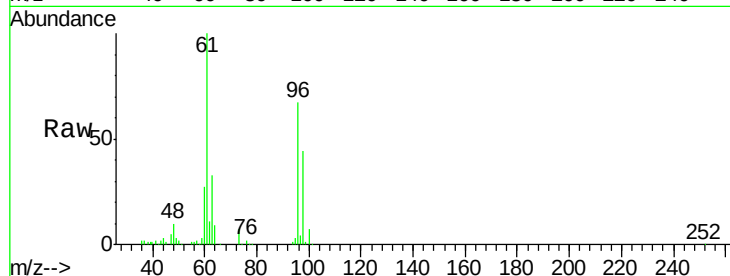
Ion 49.10 (48.80 to 49.80): VU023615.D (-563) (-)





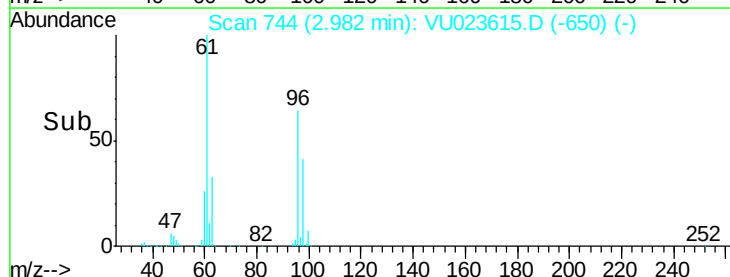
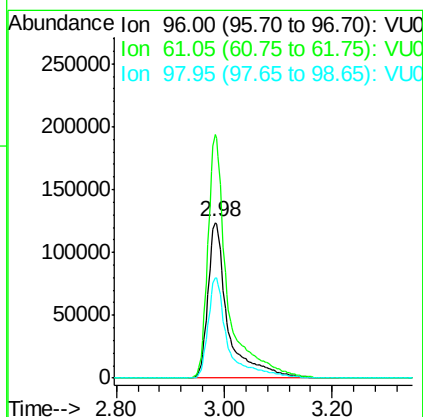
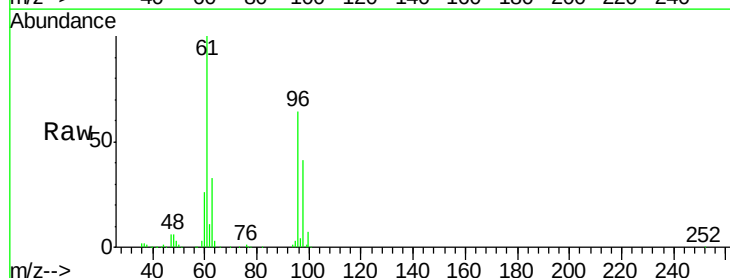
#17
Methyl tert-butyl Ether
Concen: 0.48 ug/L
RT: 3.01 min Scan# 753
Delta R.T. 0.00 min
Lab File: VU023615.D
Acq: 03 May 2018 21:44

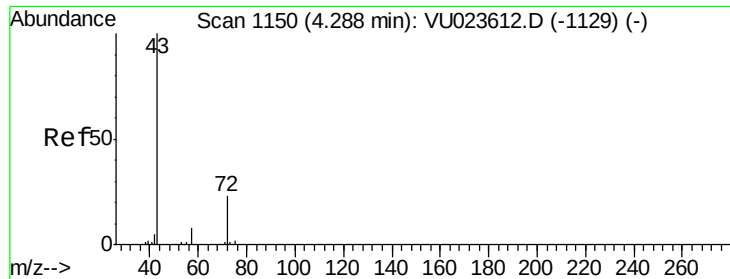
Tgt Ion: 73 Resp: 7771
Ion Ratio Lower Upper
73 100
43 29.9 16.6 25.0#
57 25.3 19.4 29.0



#18
trans-1,2-Dichloroethene
Concen: 46.75 ug/L
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU023615.D
Acq: 03 May 2018 21:44

Tgt Ion: 96 Resp: 321577
Ion Ratio Lower Upper
96 100
61 156.3 109.0 202.4
98 64.6 44.7 83.1





#21

2-Butanone

Concen: 1.00 ug/L

RT: 4.24 min Scan# 1136

Delta R.T. -0.05 min

Lab File: VU023615.D

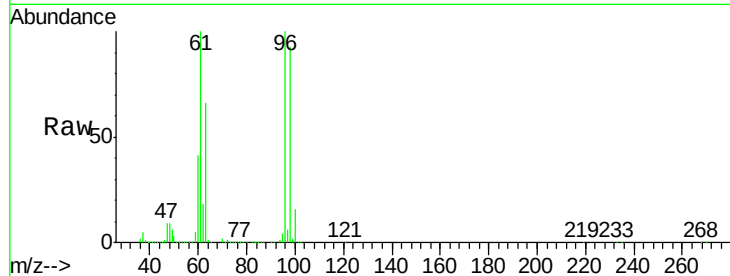
Acq: 03 May 2018 21:44

Tgt Ion: 43 Resp: 2332

Ion Ratio Lower Upper

43 100

72 12470.9 12.3 36.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

120000

100000

80000

60000

40000

20000

0

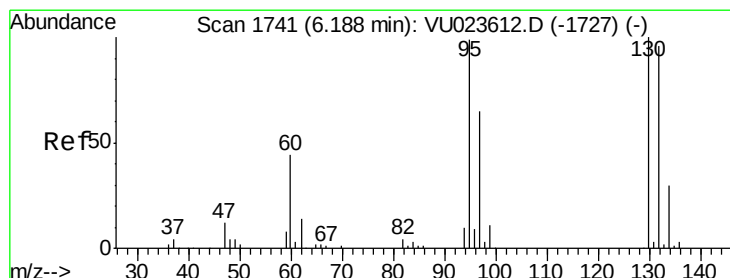
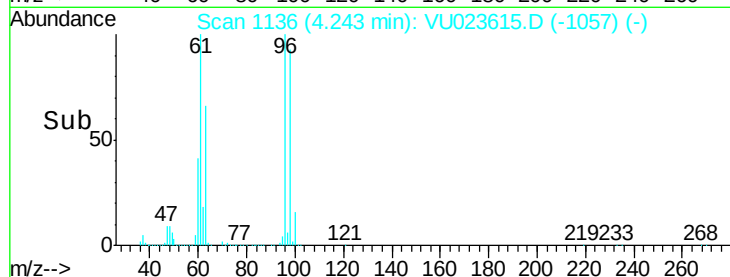
4.15

4.20

4.25

4.24

Time-->



#34

Trichloroethene

Concen: 1.38 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023615.D

Acq: 03 May 2018 21:44

Tgt Ion: 95 Resp: 10530

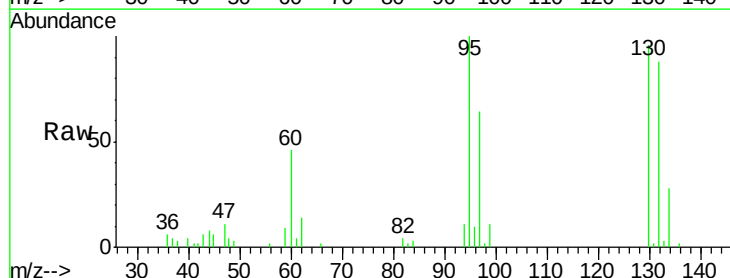
Ion Ratio Lower Upper

95 100

97 64.0 46.0 85.4

132 88.4 68.1 126.5

130 96.5 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

8000

6000

4000

2000

0

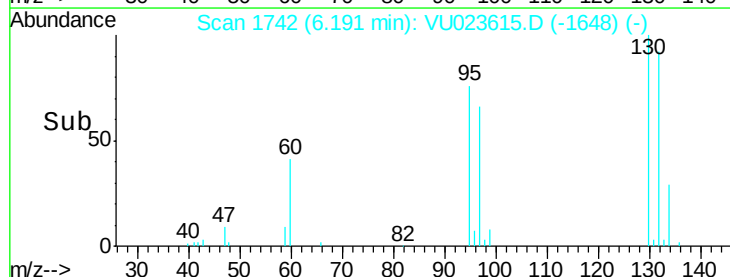
6.15

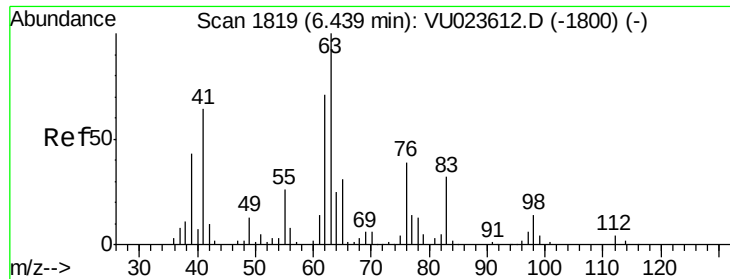
6.20

6.25

6.19

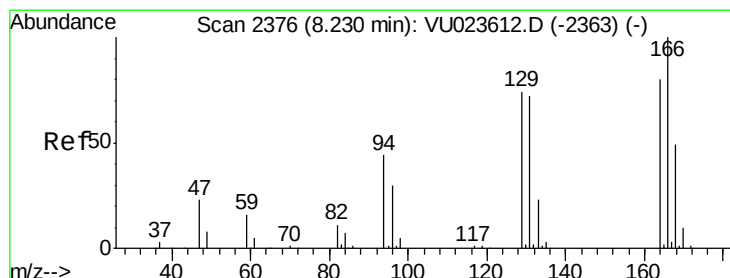
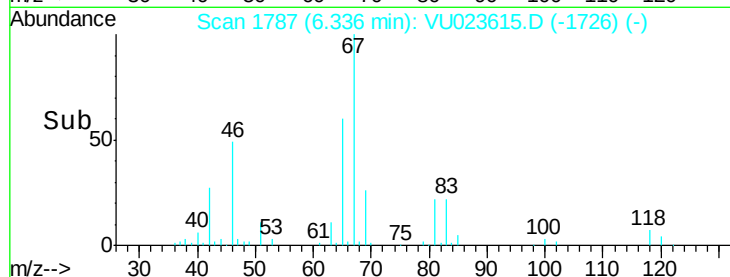
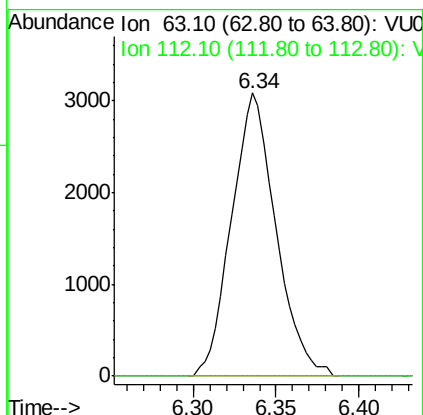
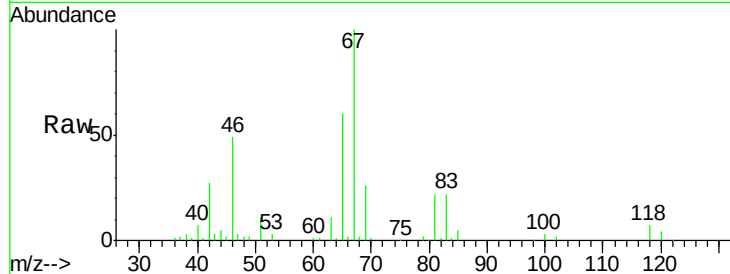
Time-->





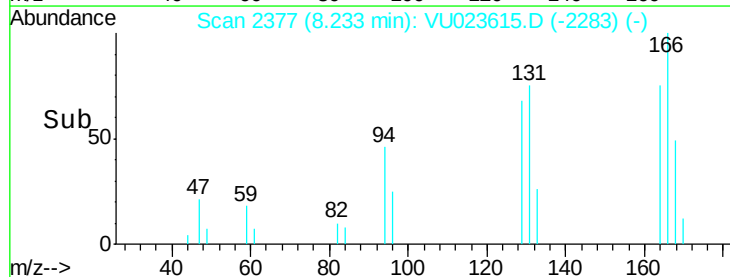
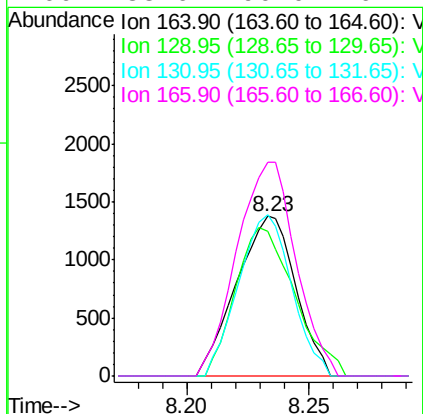
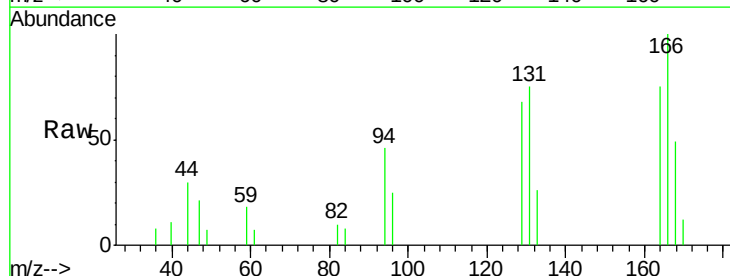
#37
 1,2-Dichloropropane
 Concen: 0.71 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU023615.D
 Acq: 03 May 2018 21:44

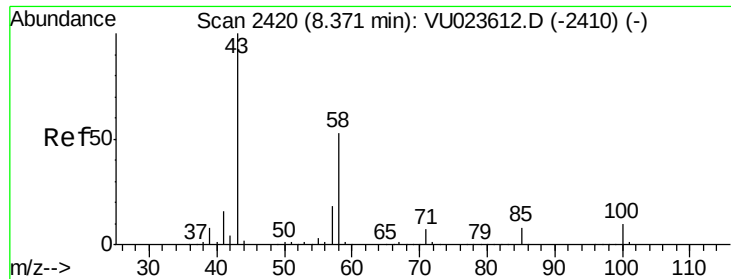
Tgt Ion: 63 Resp: 5741
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#47
 Tetrachloroethene
 Concen: 0.38 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU023615.D
 Acq: 03 May 2018 21:44

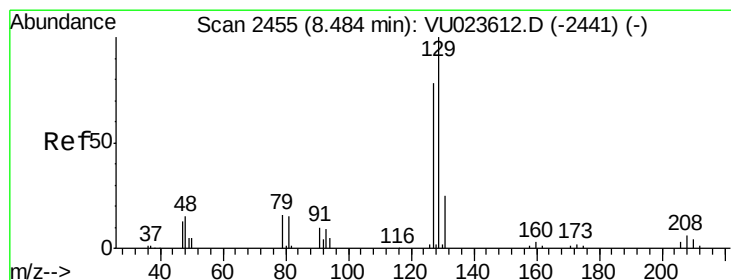
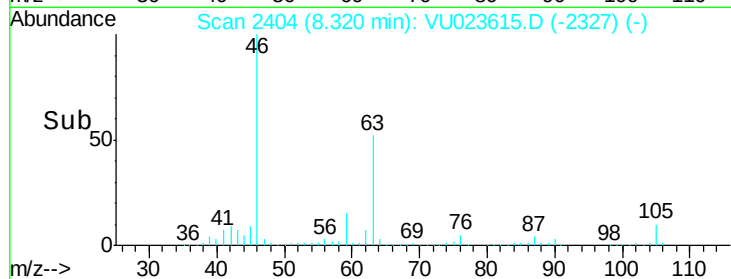
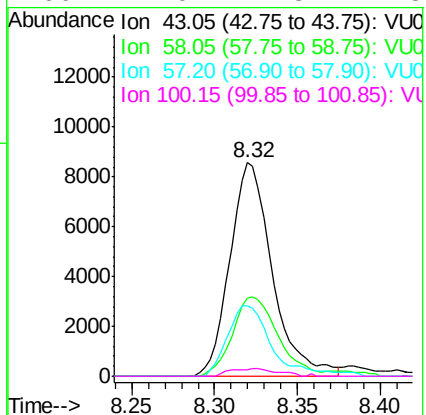
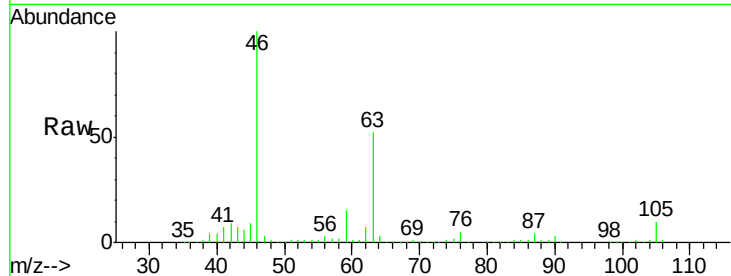
Tgt Ion: 164 Resp: 2315
 Ion Ratio Lower Upper
 164 100
 129 90.4 64.4 119.6
 131 100.8 63.9 118.7
 166 133.6 90.0 167.2





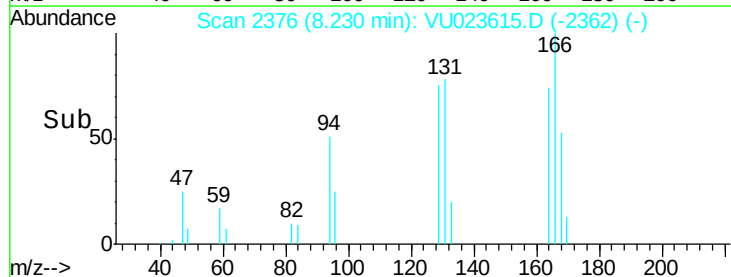
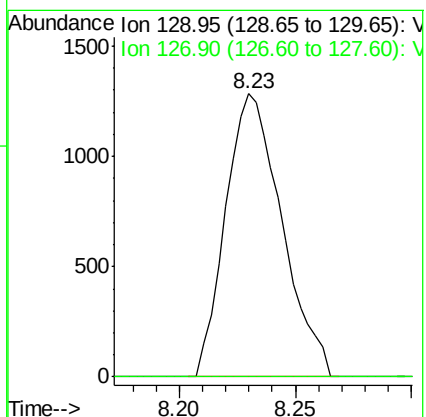
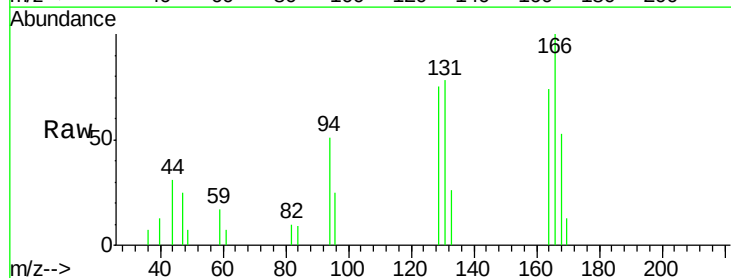
#48
2-Hexanone
Concen: 4.25 ug/L
RT: 8.32 min Scan# 2404
Delta R.T. -0.05 min
Lab File: VU023615.D
Acq: 03 May 2018 21:44

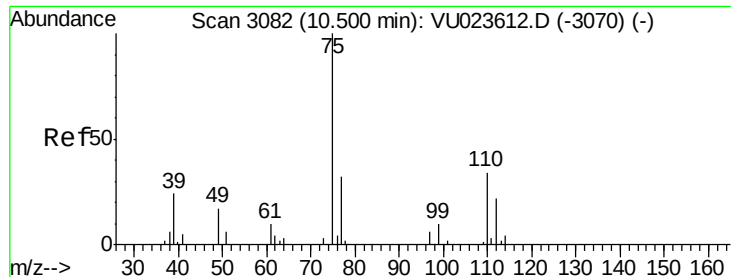
Tgt Ion:	43	Resp:	15246
Ion	Ratio	Lower	Upper
43	100		
58	39.5	42.1	63.1#
57	33.9	14.3	21.5#
100	4.0	7.8	11.8#



#49
Dibromochloromethane
Concen: 0.37 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU023615.D
Acq: 03 May 2018 21:44

Tgt Ion:	129	Resp:	2157
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.9	105.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.99 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU023615.D
 Acq: 03 May 2018 21:44

Tgt Ion: 75 Resp: 4738
 Ion Ratio Lower Upper
 75 100
 77 36.4 26.0 39.0

