

Data File : VU023631.D
Acq On : 04 May 2018 04:57
Operator : MD/SY
Sample : J2560-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 04 05:38:19 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	117467	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	115318	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	47413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39010	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.68	69	34468	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.27	63	49061	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.20	46	155244	62.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.96%
24) Chloroform-d	4.65	84	83831	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.32	65	47869	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.34	84	152770	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.34	67	58492	5.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.00%
41) Toluene-d8	7.57	98	110217	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	7.86	79	13046	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.32	63	107971	56.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.52%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	48667	6.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.40%#
64) 1,2-Dichlorobenzene-d4	11.87	152	47138	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

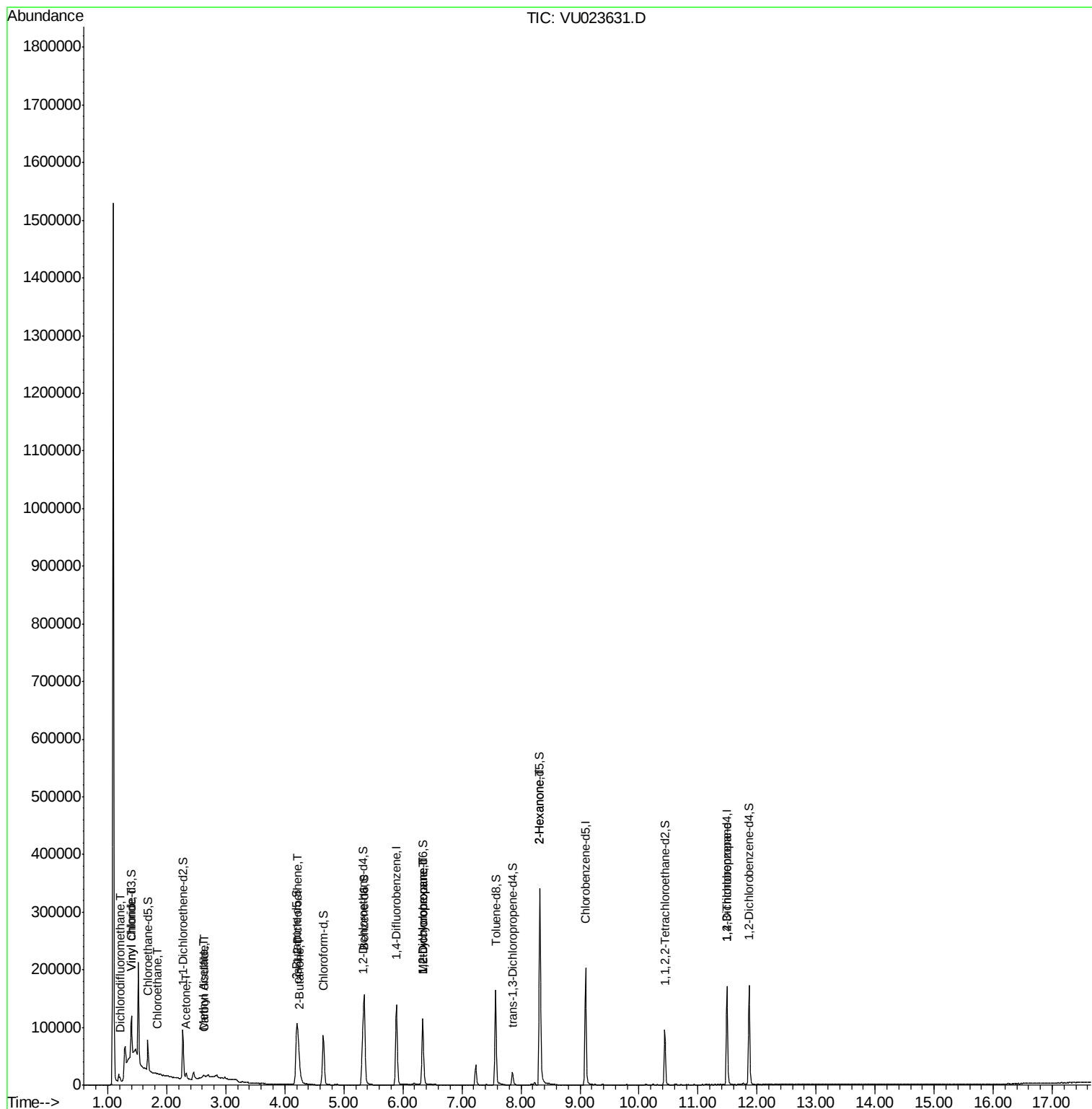
Target Compounds

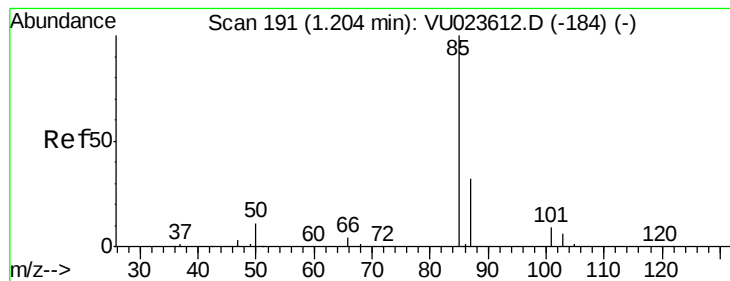
						Qvalue
2) Dichlorodifluoromethane	1.20	85	2251	0.20	ug/L	94
5) Vinyl chloride	1.40	62	5839	0.53	ug/L #	1
8) Chloroethane	1.84	64	2468	0.37	ug/L #	54
13) Acetone	2.33	43	10294	7.31	ug/L	96
14) Carbon disulfide	2.64	76	15002	0.60	ug/L	99
15) Methyl Acetate	2.62	43	2942	0.74	ug/L	94
21) 2-Butanone	4.25	43	822	0.32	ug/L	78
22) cis-1,2-Dichloroethene	4.23	96	24384	2.68	ug/L	99
35) Methylcyclohexane	6.34	83	12941	0.94	ug/L #	15
37) 1,2-Dichloropropane	6.34	63	5912	0.61	ug/L #	89
48) 2-Hexanone	8.32	43	14998	3.51	ug/L #	77
59) 1,2,3-Trichloropropane	11.49	75	5594	0.98	ug/L	93

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

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#2

Dichlorodifluoromethane

Concen: 0.20 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023631.D

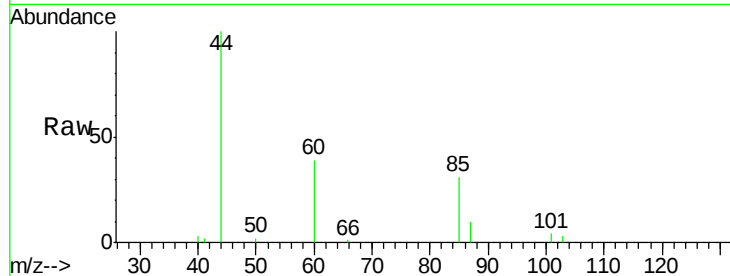
Acq: 04 May 2018 04:57

Tgt Ion: 85 Resp: 2251

Ion Ratio Lower Upper

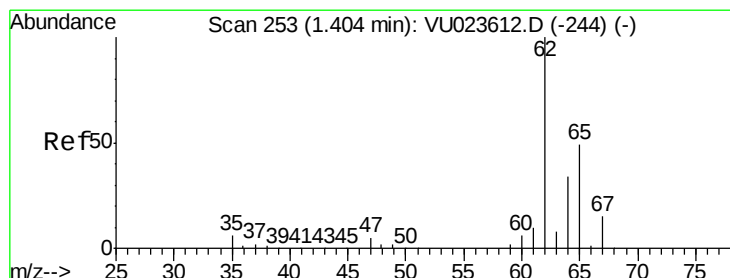
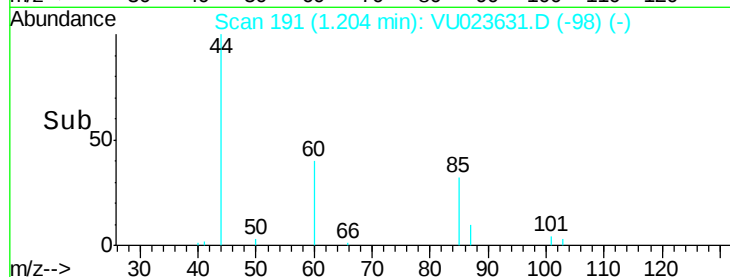
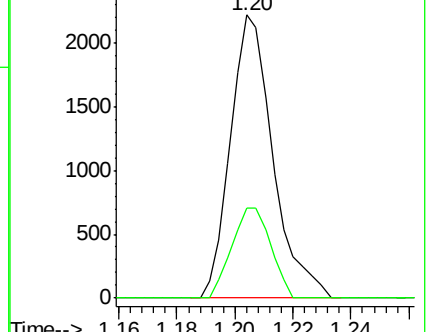
85 100

87 29.1 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: 0.53 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023631.D

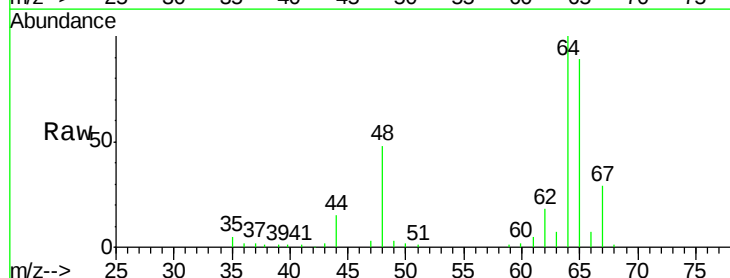
Acq: 04 May 2018 04:57

Tgt Ion: 62 Resp: 5839

Ion Ratio Lower Upper

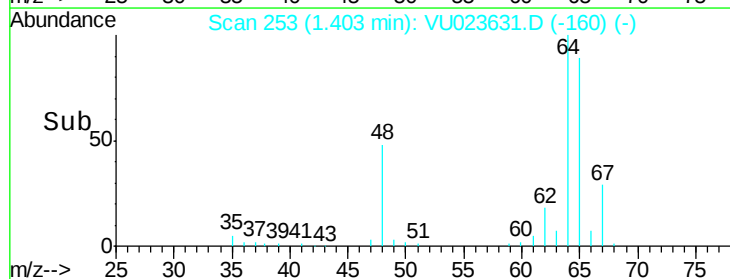
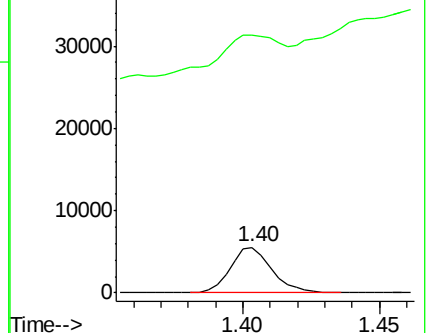
62 100

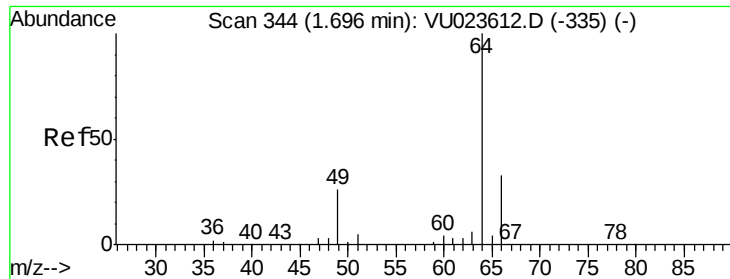
64 562.3 26.9 49.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#8

Chloroethane

Concen: 0.37 ug/L

RT: 1.84 min Scan# 389

Delta R.T. 0.14 min

Lab File: VU023631.D

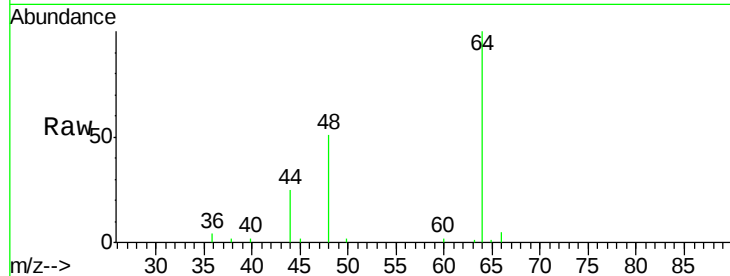
Acq: 04 May 2018 04:57

Tgt Ion: 64 Resp: 2468

Ion Ratio Lower Upper

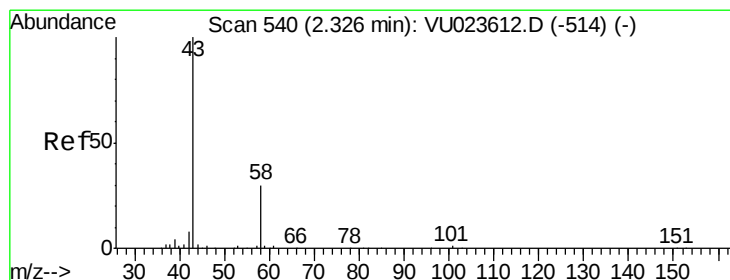
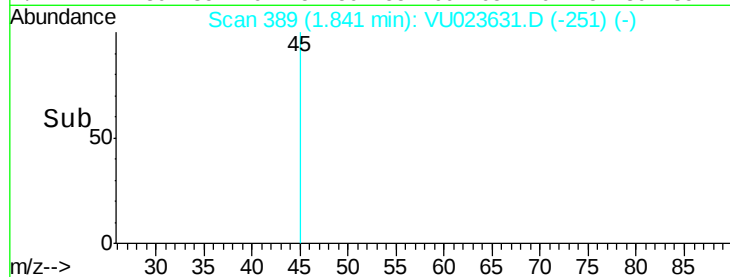
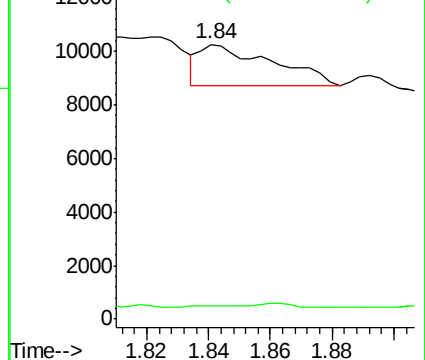
64 100

66 4.9 20.6 38.2#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#13

Acetone

Concen: 7.31 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU023631.D

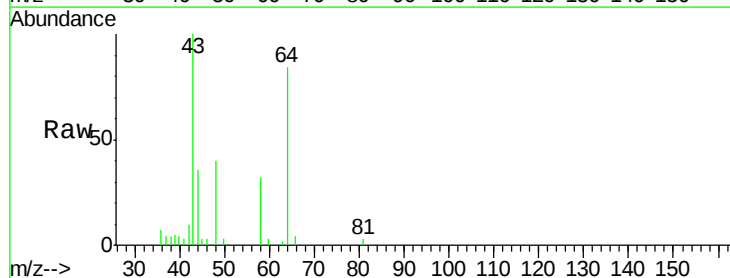
Acq: 04 May 2018 04:57

Tgt Ion: 43 Resp: 10294

Ion Ratio Lower Upper

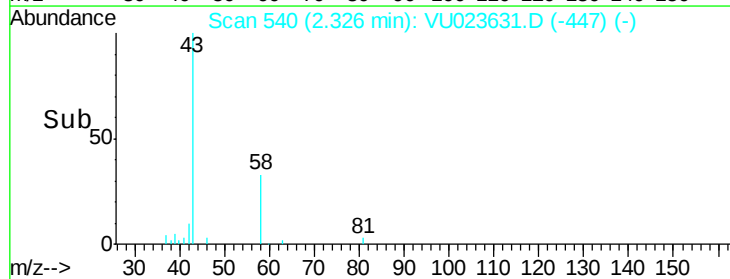
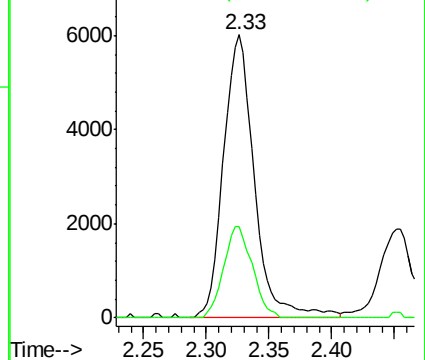
43 100

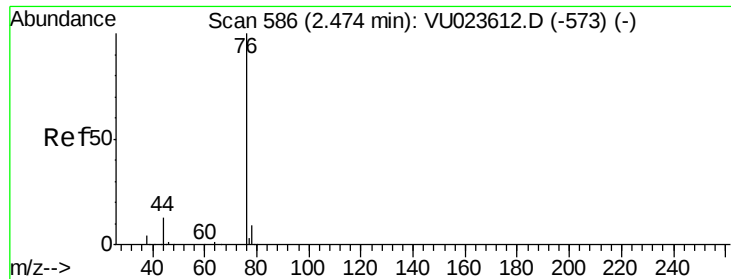
58 29.9 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.60 ug/L

RT: 2.64 min Scan# 639

Delta R.T. 0.17 min

Lab File: VU023631.D

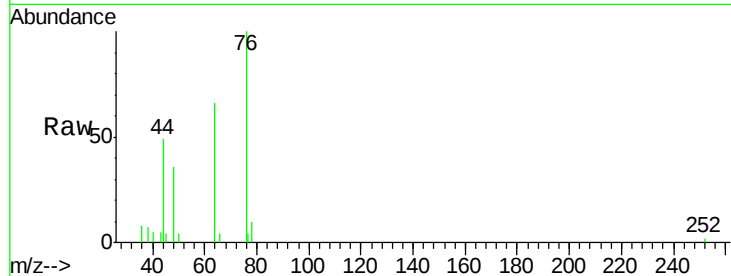
Acq: 04 May 2018 04:57

Tgt Ion: 76 Resp: 15002

Ion Ratio Lower Upper

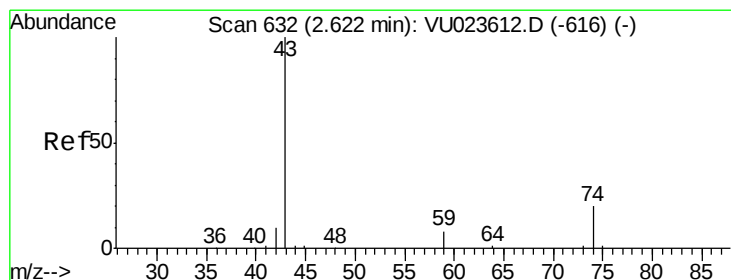
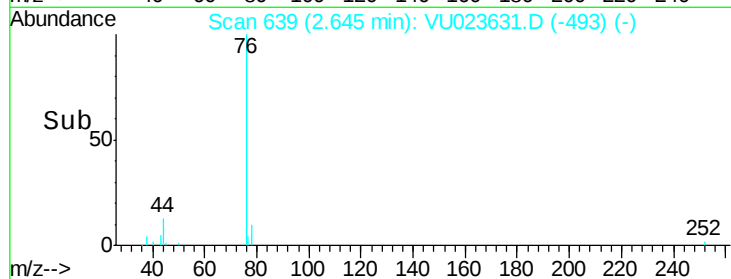
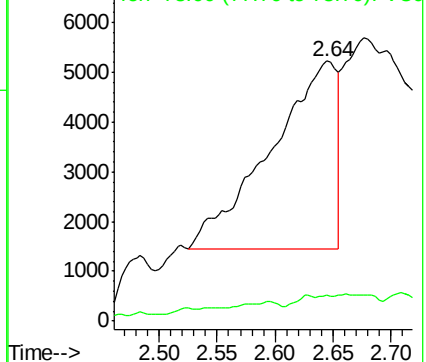
76 100

78 9.9 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: 0.74 ug/L

RT: 2.62 min Scan# 632

Delta R.T. -0.00 min

Lab File: VU023631.D

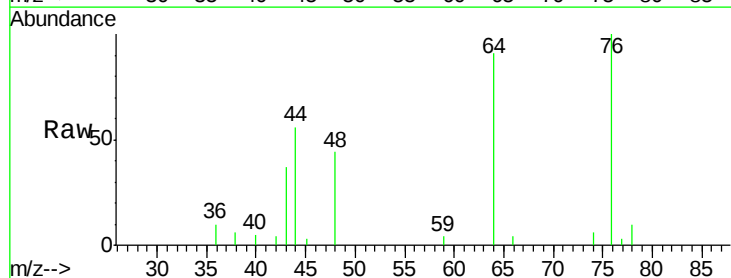
Acq: 04 May 2018 04:57

Tgt Ion: 43 Resp: 2942

Ion Ratio Lower Upper

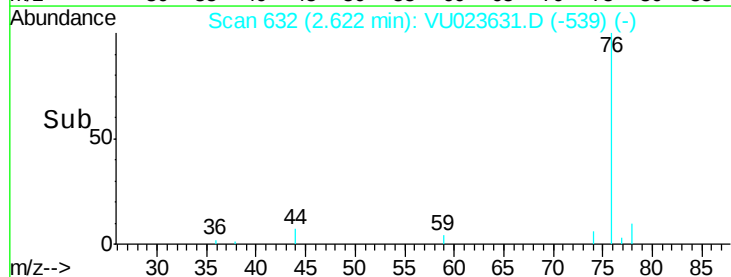
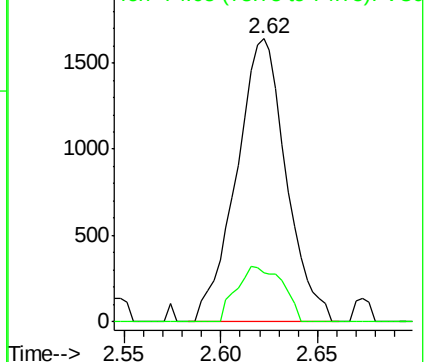
43 100

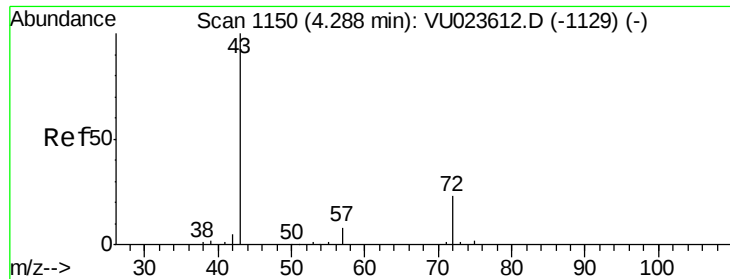
74 18.0 16.6 24.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

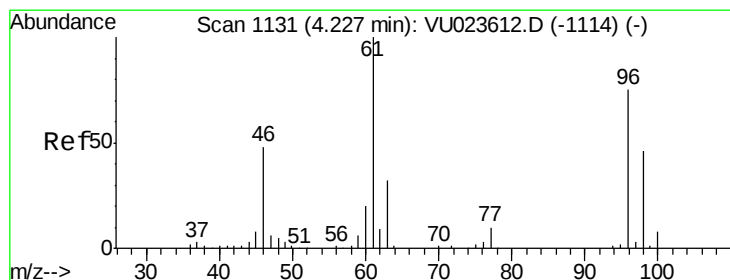
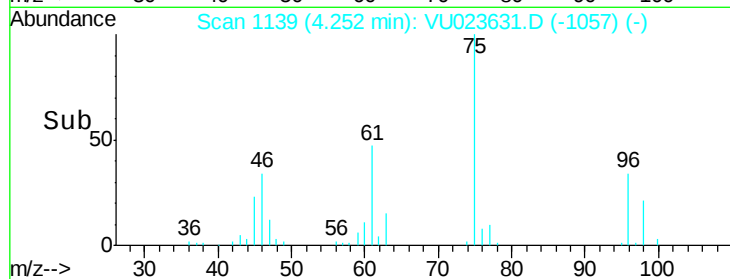
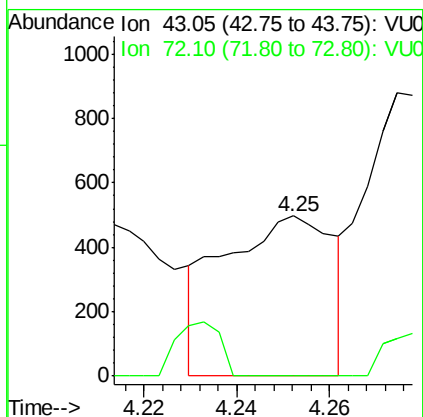
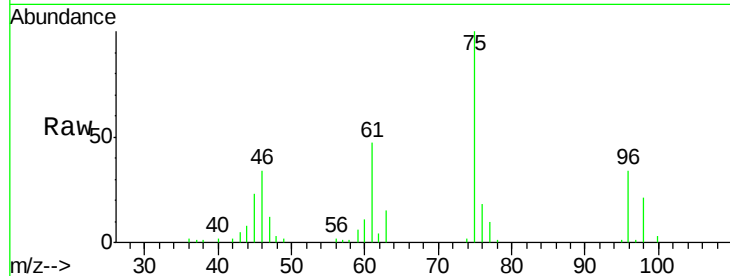
Ion 74.05 (73.75 to 74.75): VU0





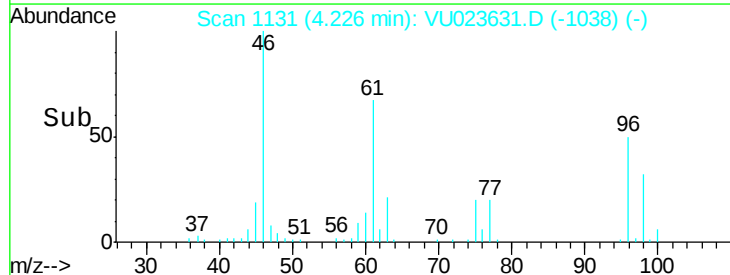
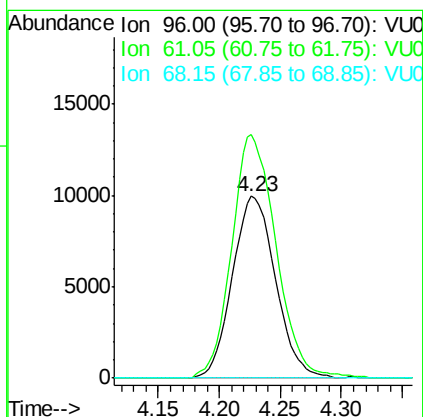
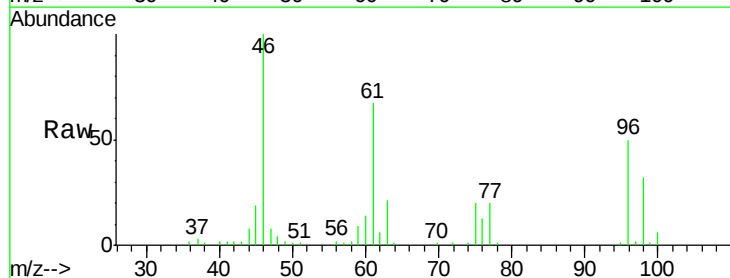
#21
2-Butanone
Concen: 0.32 ug/L
RT: 4.25 min Scan# 1139
Delta R.T. -0.04 min
Lab File: VU023631.D
Acq: 04 May 2018 04:57

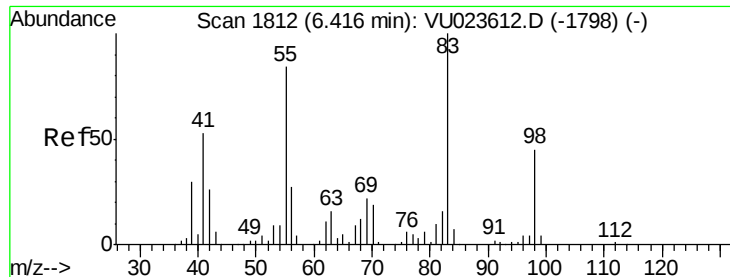
Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
72 13.5 12.3 36.8



#22
cis-1,2-Dichloroethene
Concen: 2.68 ug/L
RT: 4.23 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VU023631.D
Acq: 04 May 2018 04:57

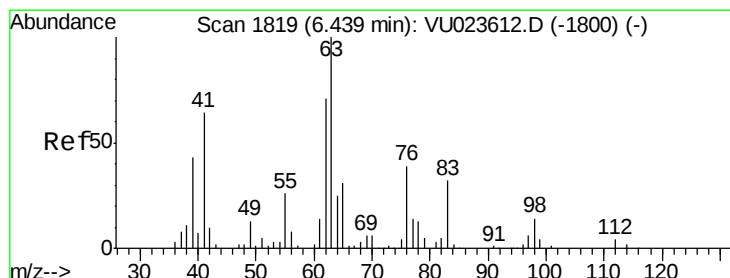
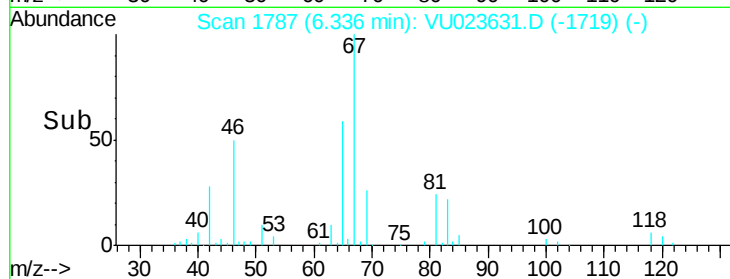
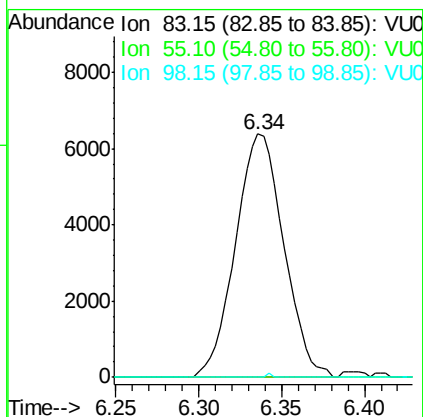
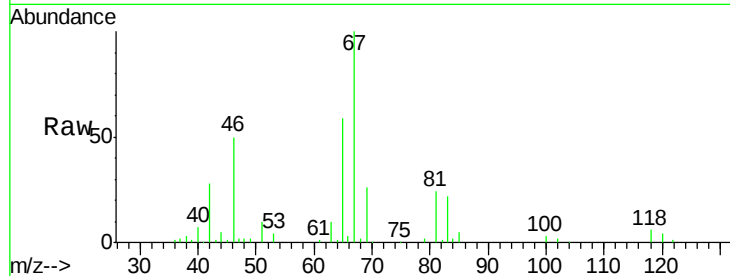
Tgt Ion: 96 Resp: 24384
Ion Ratio Lower Upper
96 100
61 134.1 94.6 175.6
68 0.0 0.0 0.0





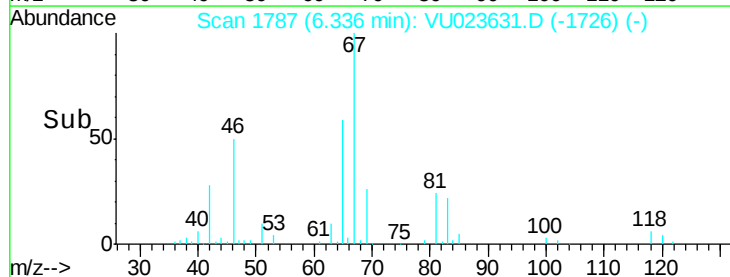
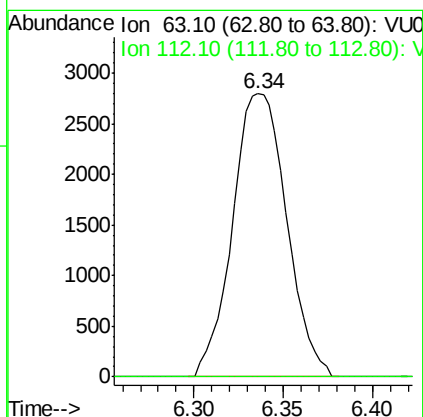
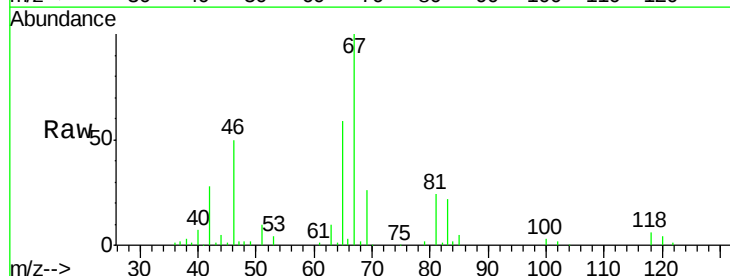
#35
Methylcyclohexane
Concen: 0.94 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU023631.D
Acq: 04 May 2018 04:57

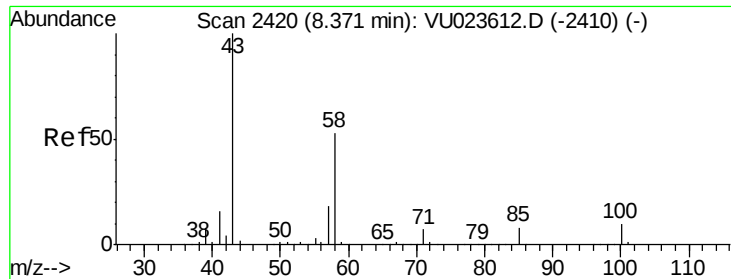
Tgt Ion: 83 Resp: 12941
Ion Ratio Lower Upper
83 100
55 0.0 68.4 102.6#
98 0.1 36.7 55.1#



#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU023631.D
Acq: 04 May 2018 04:57

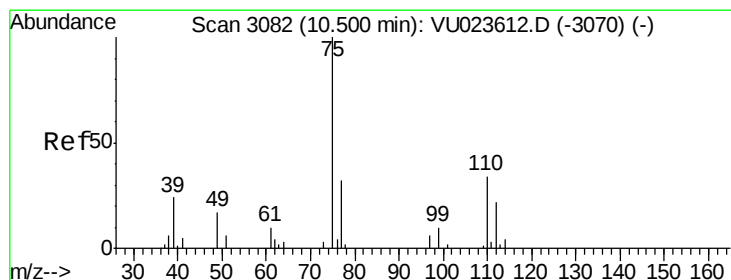
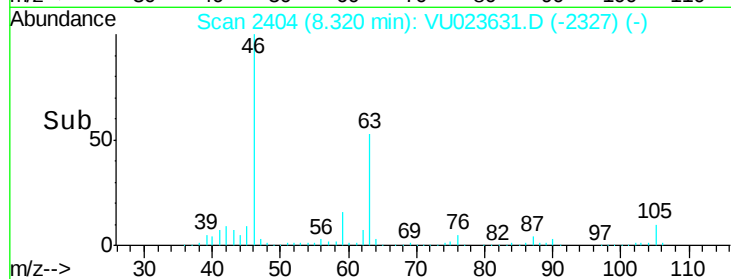
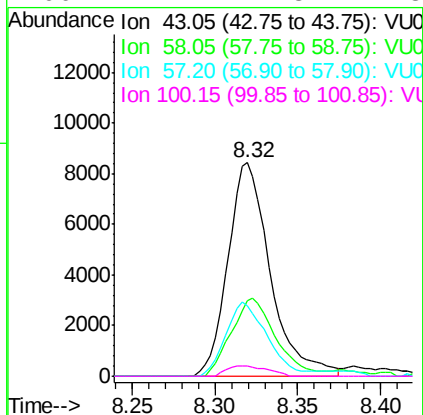
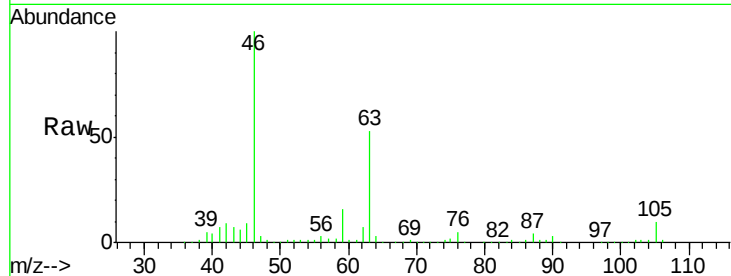
Tgt Ion: 63 Resp: 5912
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#48
 2-Hexanone
 Concen: 3.51 ug/L
 RT: 8.32 min Scan# 2404
 Delta R.T. -0.05 min
 Lab File: VU023631.D
 Acq: 04 May 2018 04:57

Tgt Ion:	43	Resp:	14998
Ion	Ratio	Lower	Upper
43	100		
58	38.7	42.1	63.1#
57	33.6	14.3	21.5#
100	4.7	7.8	11.8#



#59
 1,2,3-Trichloropropane
 Concen: 0.98 ug/L
 RT: 11.49 min Scan# 3390
 Delta R.T. 0.99 min
 Lab File: VU023631.D
 Acq: 04 May 2018 04:57

Tgt Ion:	75	Resp:	5594
Ion	Ratio	Lower	Upper
75	100		
77	36.5	26.0	39.0

