

Data File : VU023619.D
Acq On : 03 May 2018 23:32
Operator : MD/SY
Sample : J2630-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 04 04:46:38 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	146656	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143074	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	57824	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	154434	14.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	290.40%#
7) Chloroethane-d5	1.68	69	38724	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.27	63	70659	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.20	46	149559	48.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.20%
24) Chloroform-d	4.65	84	88823	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.32	65	48214	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.34	84	171612	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.34	67	59291	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.57	98	140094	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.86	79	12942	2.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.20%
46) 2-Hexanone-d5	8.32	63	99310	42.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.16%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	46756	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	51833	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

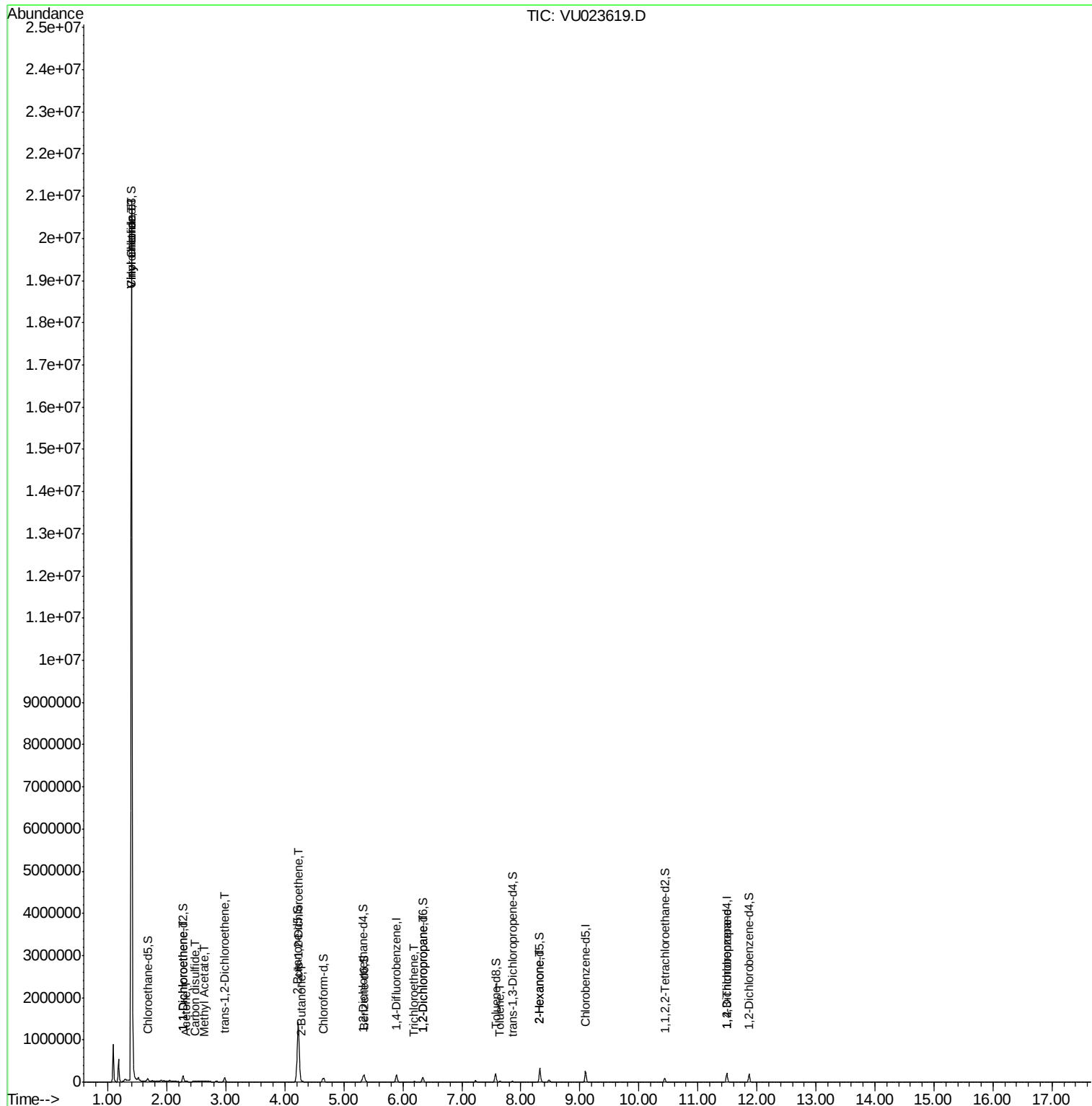
Target Compounds

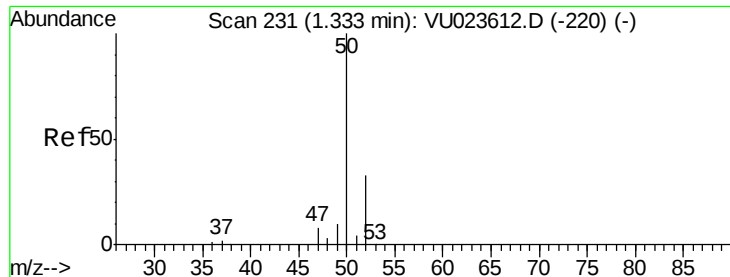
						Qvalue
3) Chloromethane	1.40	50	90620	6.02	ug/L #	44
5) Vinyl chloride	1.40	62	12113619	883.50	ug/L	87
12) 1,1-Dichloroethene	2.28	96	16305	1.89	ug/L #	48
13) Acetone	2.33	43	21204	12.06	ug/L	96
14) Carbon disulfide	2.48	76	26706	0.86	ug/L	99
15) Methyl Acetate	2.63	43	3723	0.75	ug/L #	70
18) trans-1,2-Dichloroethene	2.98	96	33795	3.54	ug/L	99
21) 2-Butanone	4.29	43	4062	1.25	ug/L	93
22) cis-1,2-Dichloroethene	4.23	96	752426	66.35	ug/L	98
34) Trichloroethene	6.19	95	4824	0.43	ug/L	97
37) 1,2-Dichloropropane	6.34	63	5928	0.49	ug/L #	89
42) Toluene	7.64	91	11552	0.26	ug/L	98
48) 2-Hexanone	8.32	43	14186	2.68	ug/L #	77
59) 1,2,3-Trichloropropane	11.49	75	7472	1.06	ug/L	97

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

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#3

Chloromethane

Concen: 6.02 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.07 min

Lab File: VU023619.D

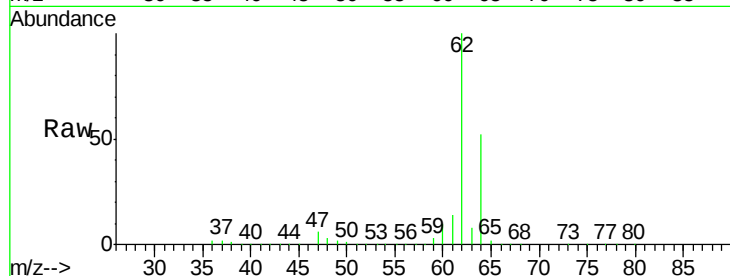
Acq: 03 May 2018 23:32

Tgt Ion: 50 Resp: 90620

Ion Ratio Lower Upper

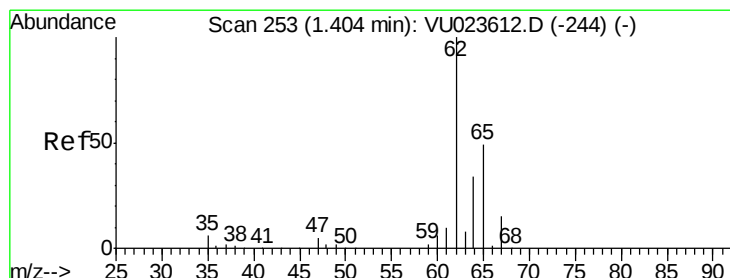
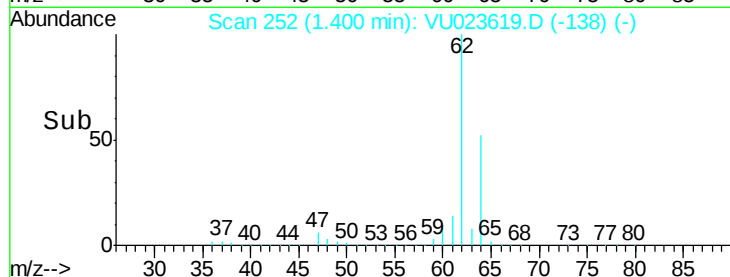
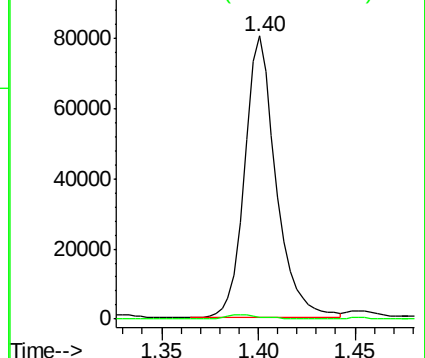
50 100

52 0.9 22.8 42.4#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 883.50 ug/L

RT: 1.40 min Scan# 251

Delta R.T. -0.01 min

Lab File: VU023619.D

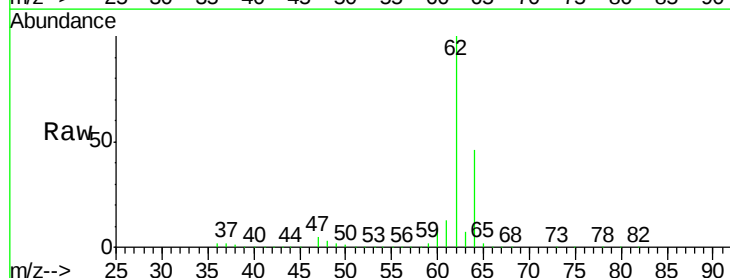
Acq: 03 May 2018 23:32

Tgt Ion: 62 Resp: 12113619

Ion Ratio Lower Upper

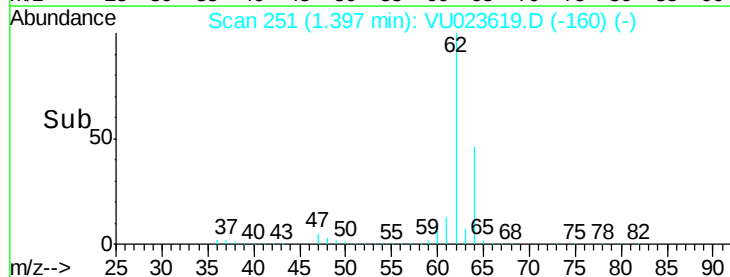
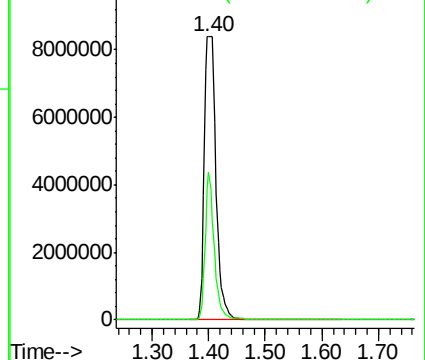
62 100

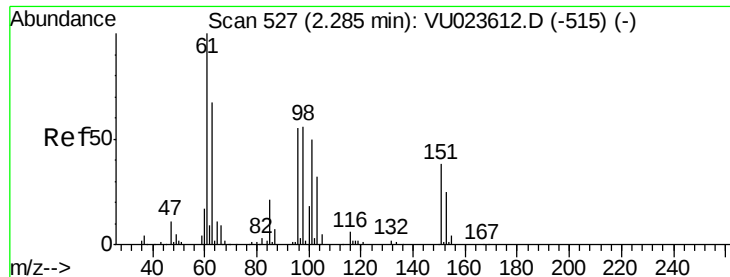
64 46.3 26.9 49.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#12

1,1-Dichloroethene

Concen: 1.89 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023619.D

Acq: 03 May 2018 23:32

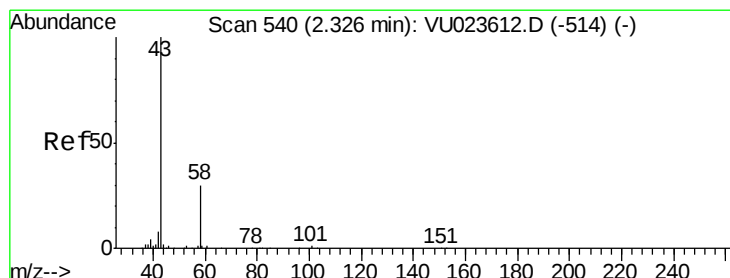
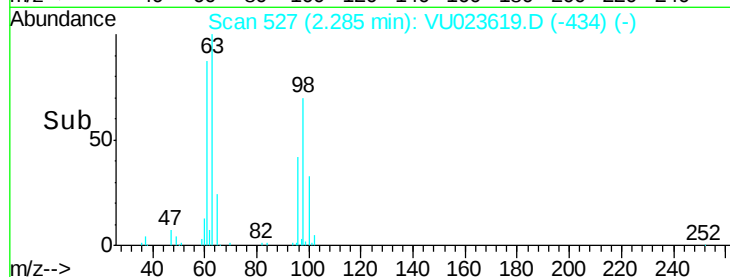
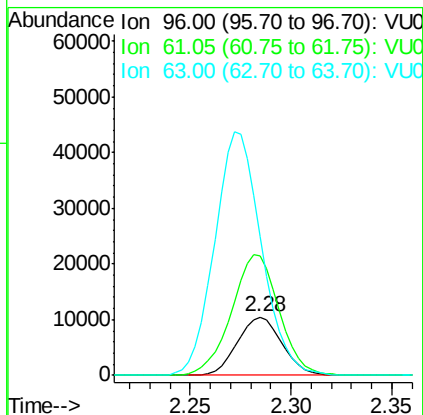
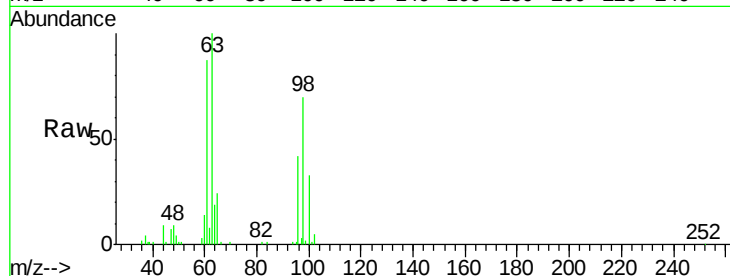
Tgt Ion: 96 Resp: 16305

Ion Ratio Lower Upper

96 100

61 205.9 127.4 236.6

63 238.0 84.8 157.4#



#13

Acetone

Concen: 12.06 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU023619.D

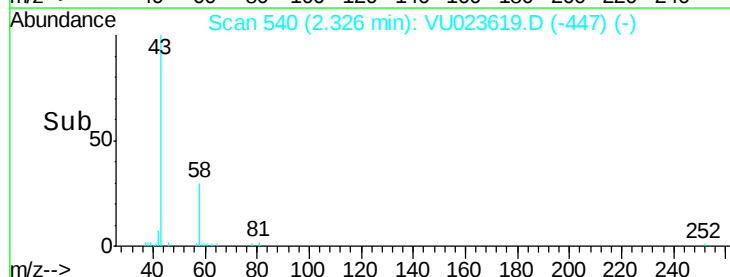
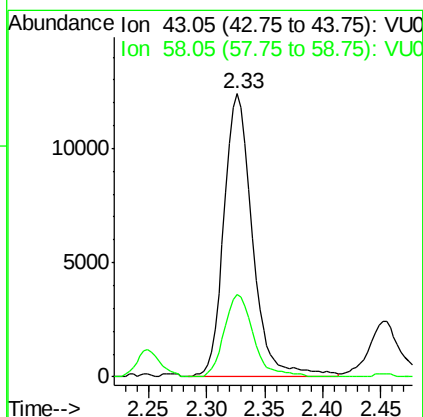
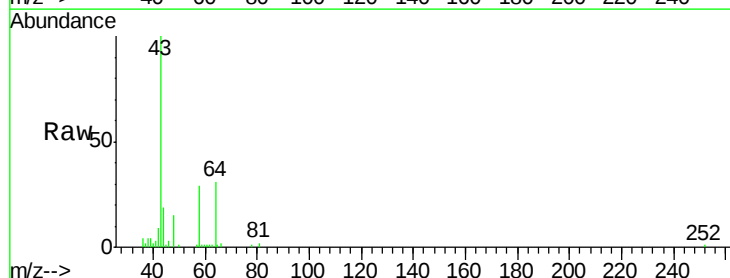
Acq: 03 May 2018 23:32

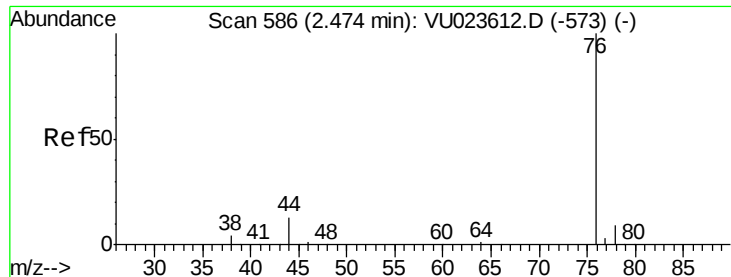
Tgt Ion: 43 Resp: 21204

Ion Ratio Lower Upper

43 100

58 29.6 0.0 63.8





#14

Carbon disulfide

Concen: 0.86 ug/L

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU023619.D

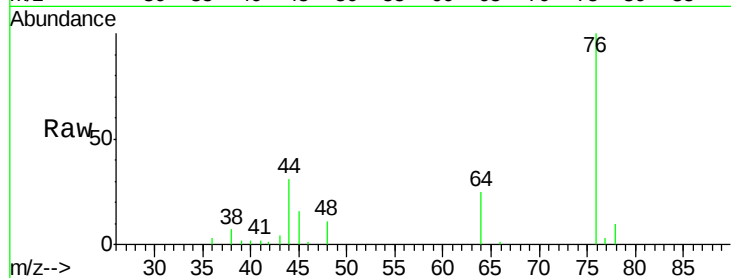
Acq: 03 May 2018 23:32

Tgt Ion: 76 Resp: 26706

Ion Ratio Lower Upper

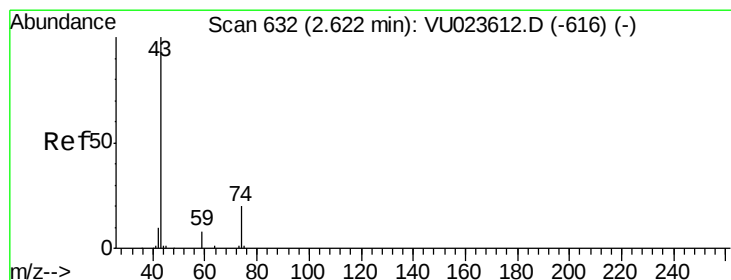
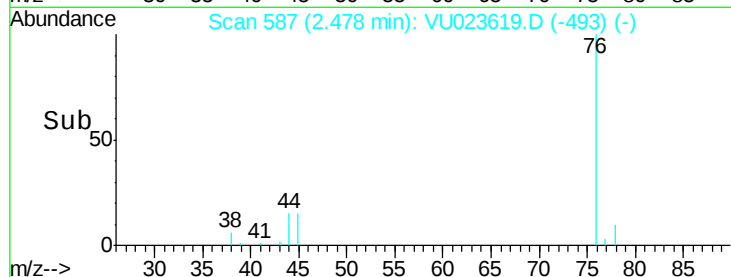
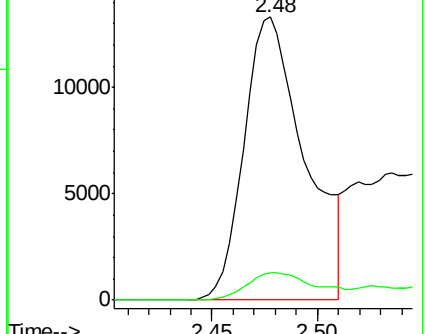
76 100

78 9.7 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: 0.75 ug/L

RT: 2.63 min Scan# 633

Delta R.T. 0.00 min

Lab File: VU023619.D

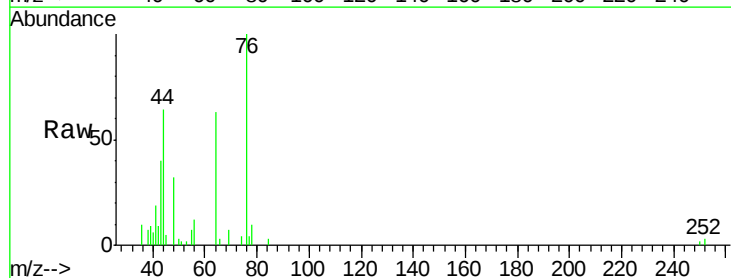
Acq: 03 May 2018 23:32

Tgt Ion: 43 Resp: 3723

Ion Ratio Lower Upper

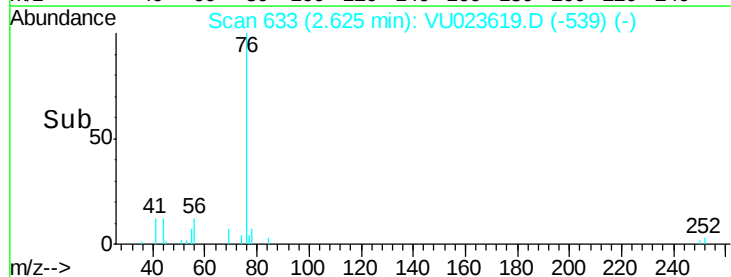
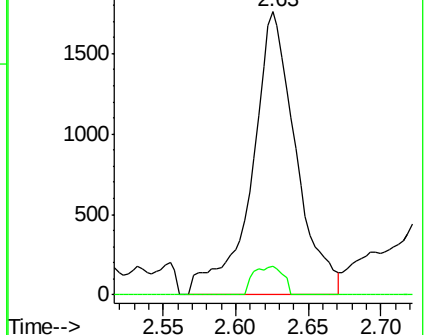
43 100

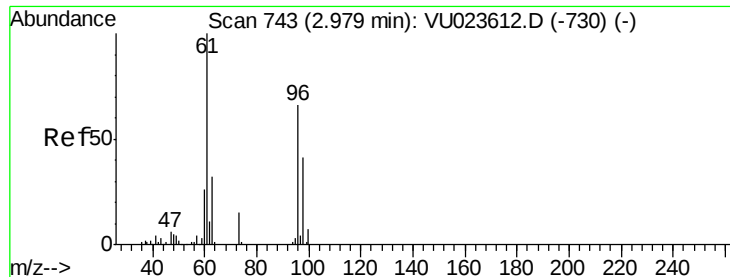
74 6.8 16.6 24.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

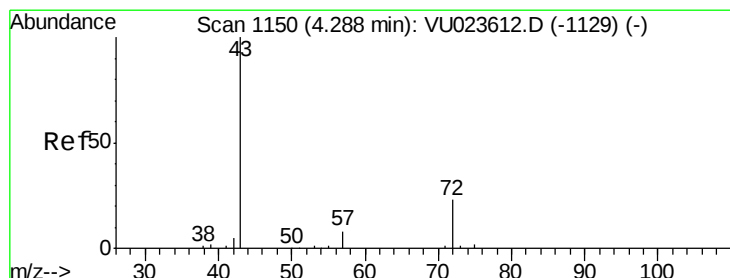
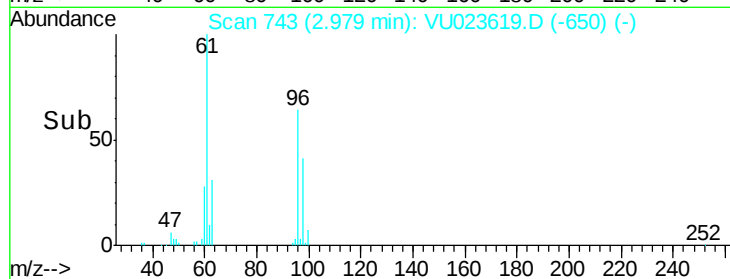
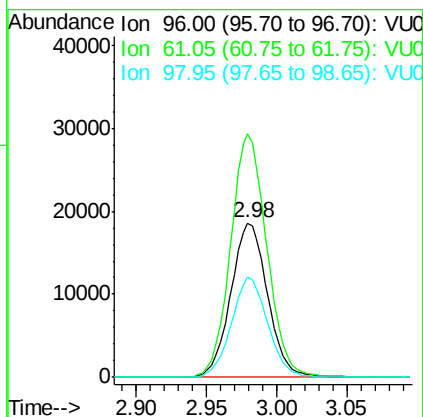
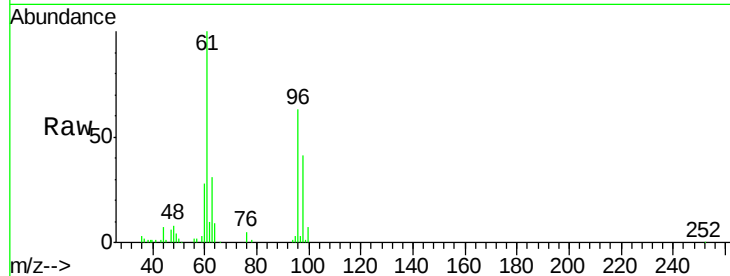
Ion 74.05 (73.75 to 74.75): VU0





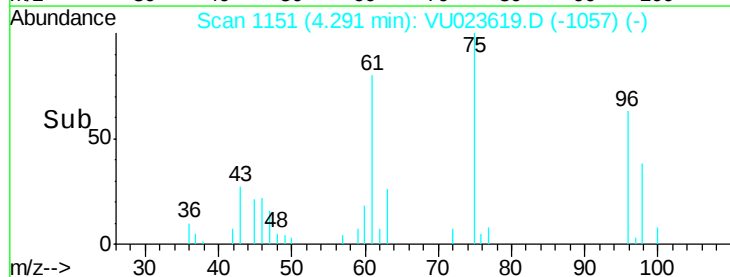
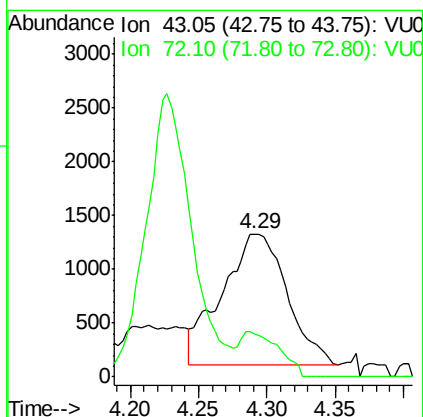
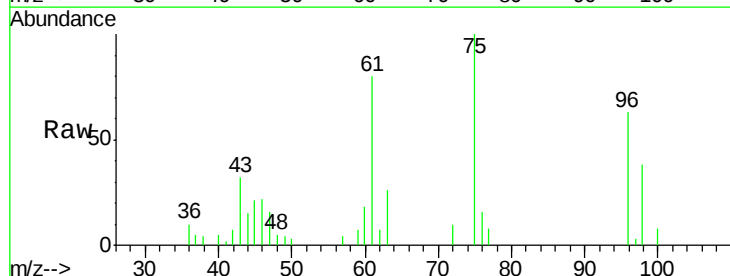
#18
 trans-1,2-Dichloroethene
 Concen: 3.54 ug/L
 RT: 2.98 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: VU023619.D
 Acq: 03 May 2018 23:32

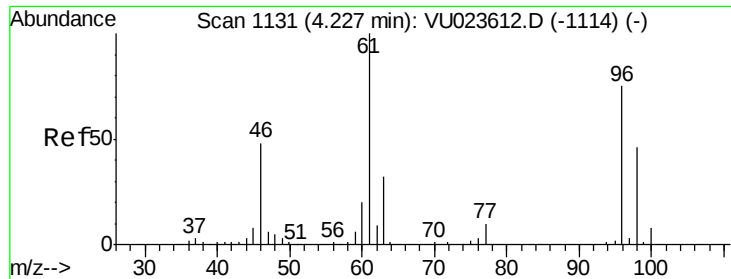
Tgt Ion: 96 Resp: 33795
 Ion Ratio Lower Upper
 96 100
 61 157.7 109.0 202.4
 98 64.7 44.7 83.1



#21
 2-Butanone
 Concen: 1.25 ug/L
 RT: 4.29 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: VU023619.D
 Acq: 03 May 2018 23:32

Tgt Ion: 43 Resp: 4062
 Ion Ratio Lower Upper
 43 100
 72 21.1 12.3 36.8





#22

cis-1,2-Dichloroethene

Concen: 66.35 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023619.D

Acq: 03 May 2018 23:32

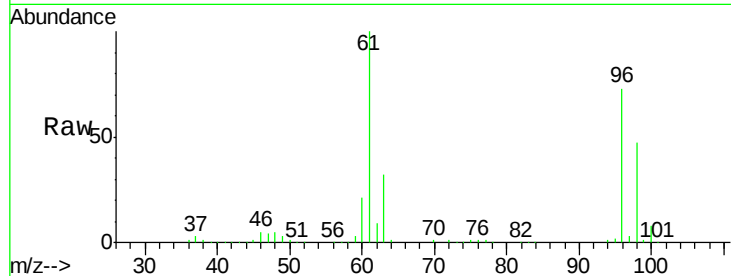
Tgt Ion: 96 Resp: 752426

Ion Ratio Lower Upper

96 100

61 137.5 94.6 175.6

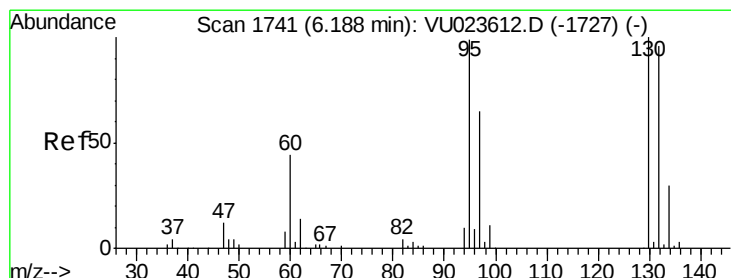
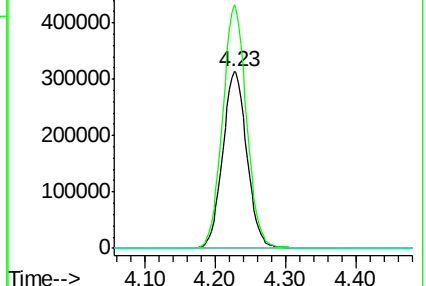
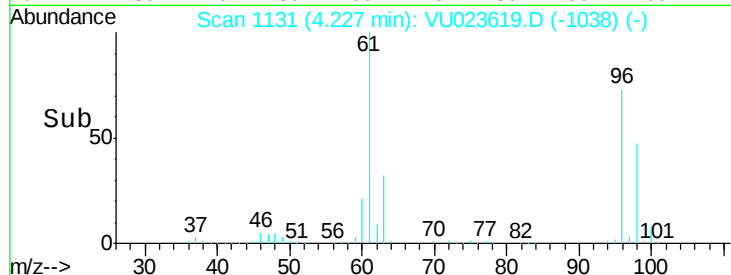
68 0.0 0.0 0.0



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



#34

Trichloroethene

Concen: 0.43 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023619.D

Acq: 03 May 2018 23:32

Tgt Ion: 95 Resp: 4824

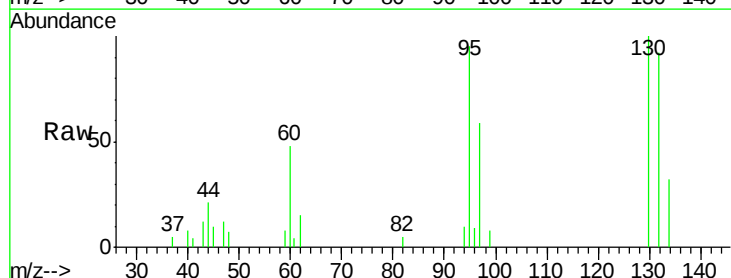
Ion Ratio Lower Upper

95 100

97 62.4 46.0 85.4

132 97.1 68.1 126.5

130 105.7 70.1 130.1

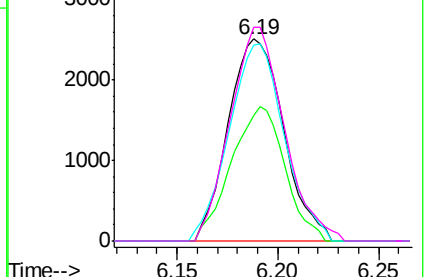
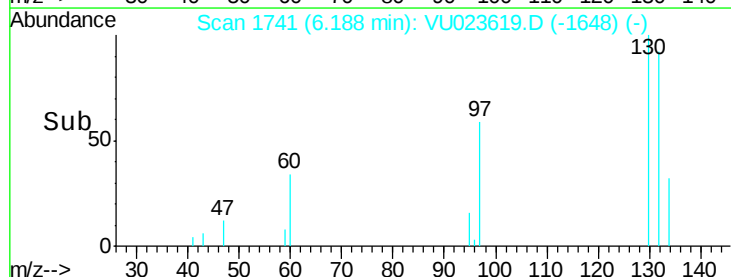


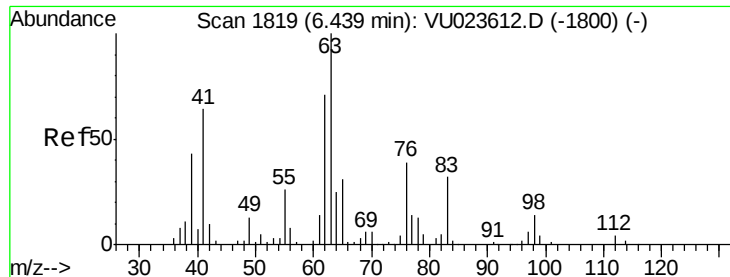
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#37

1,2-Dichloropropane

Concen: 0.49 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU023619.D

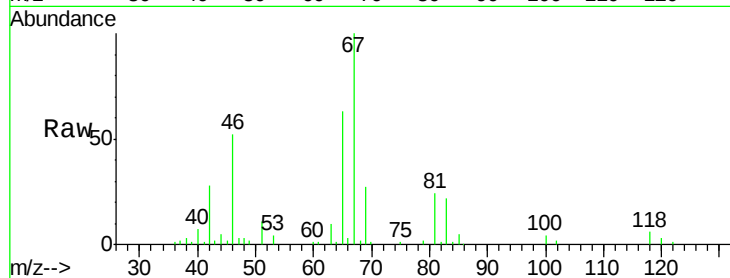
Acq: 03 May 2018 23:32

Tgt Ion: 63 Resp: 5928

Ion Ratio Lower Upper

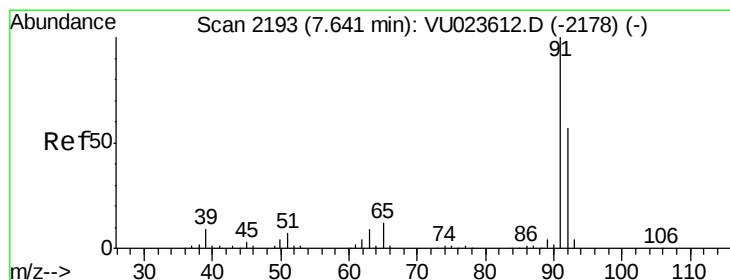
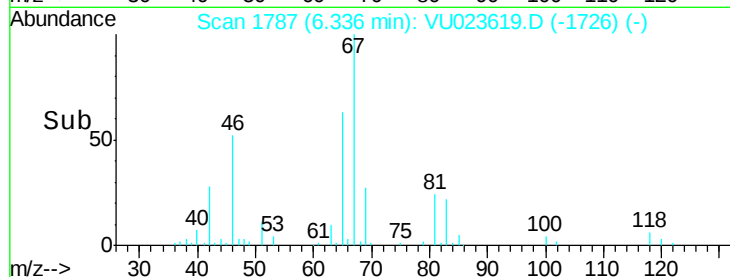
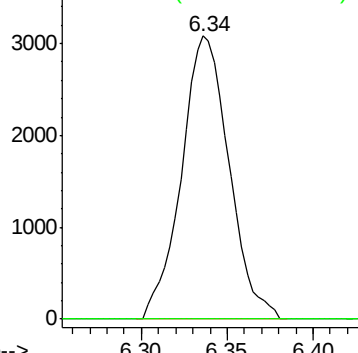
63 100

112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#42

Toluene

Concen: 0.26 ug/L

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU023619.D

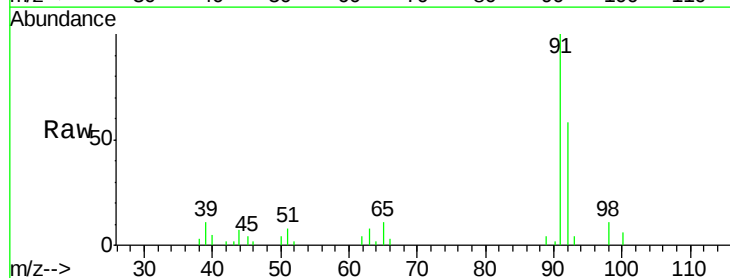
Acq: 03 May 2018 23:32

Tgt Ion: 91 Resp: 11552

Ion Ratio Lower Upper

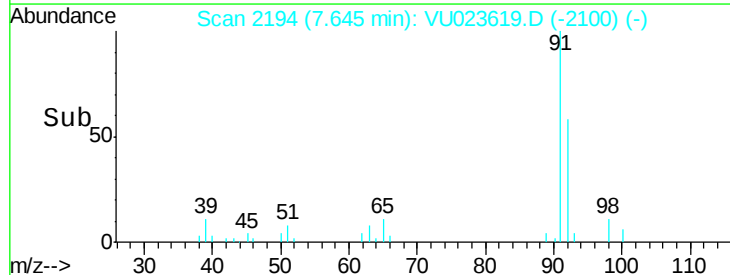
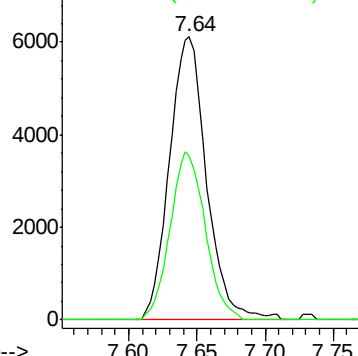
91 100

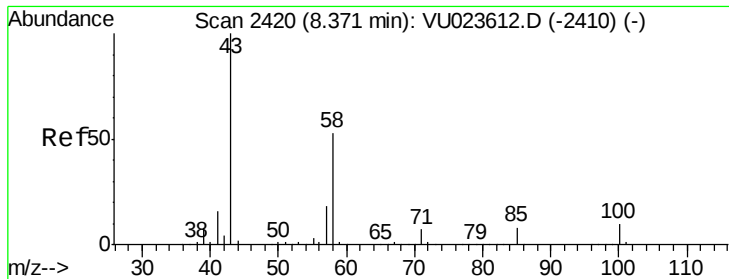
92 58.2 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#48

2-Hexanone

Concen: 2.68 ug/L

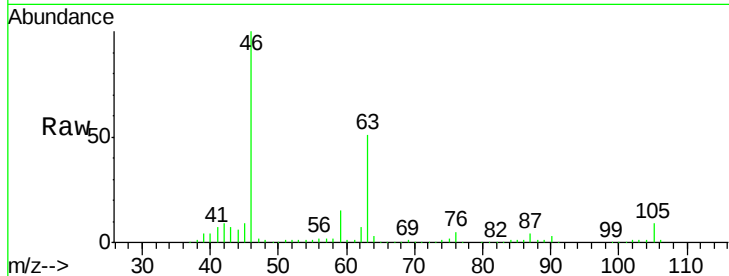
RT: 8.32 min Scan# 2404

Delta R.T. -0.05 min

Lab File: VU023619.D

Acq: 03 May 2018 23:32

Tgt Ion:	43	Resp:	14186
Ion	Ratio	Lower	Upper
43	100		
58	39.0	42.1	63.1#
57	34.3	14.3	21.5#
100	3.9	7.8	11.8#

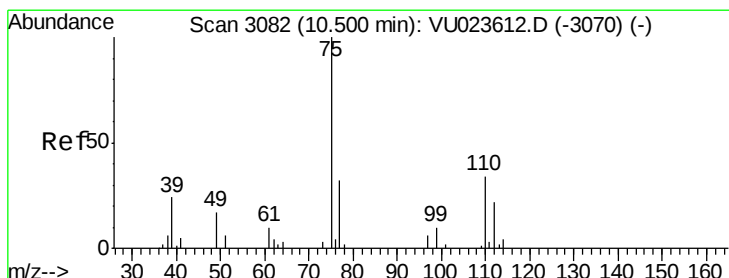
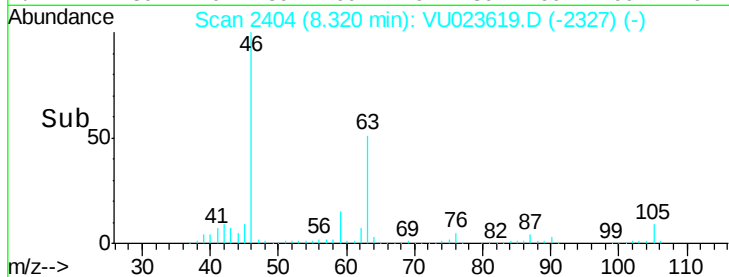
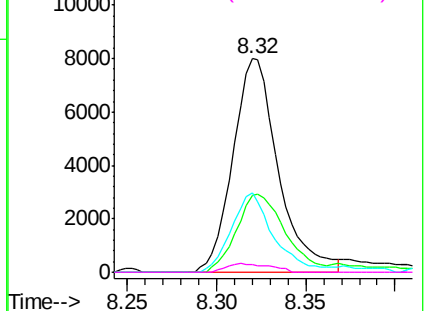


Abundance Ion 43.05 (42.75 to 43.75): VU023619.D (-2327) (-)

Ion 58.05 (57.75 to 58.75): VU023619.D (-2327) (-)

Ion 57.20 (56.90 to 57.90): VU023619.D (-2327) (-)

Ion 100.15 (99.85 to 100.85): VU023619.D (-2327) (-)



#59

1,2,3-Trichloropropane

Concen: 1.06 ug/L

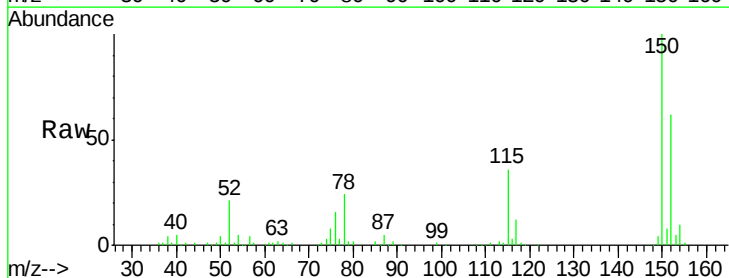
RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU023619.D

Acq: 03 May 2018 23:32

Tgt Ion:	75	Resp:	7472
Ion	Ratio	Lower	Upper
75	100		
77	34.2	26.0	39.0



Abundance Ion 75.00 (74.70 to 75.70): VU023619.D (-2460) (-)

Ion 77.00 (76.70 to 77.70): VU023619.D (-2460) (-)

