

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU051118\
 Data File : VU023798.D
 Acq On : 11 May 2018 14:03
 Operator : MD/SY
 Sample : J2816-01DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 12 02:09:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR051018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 12 02:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	124055	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	127433	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	56641	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56769	5.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.80%
7) Chloroethane-d5	1.68	69	45215	6.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.80%
11) 1,1-Dichloroethene-d2	2.27	63	79330	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	4.20	46	118376	51.36	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.72%
24) Chloroform-d	4.65	84	86464	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.32	65	45154	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.35	84	171260	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.34	67	58390	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.57	98	140640	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.86	79	17599	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.32	63	87484	50.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.28%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	41552	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.87	152	56696	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

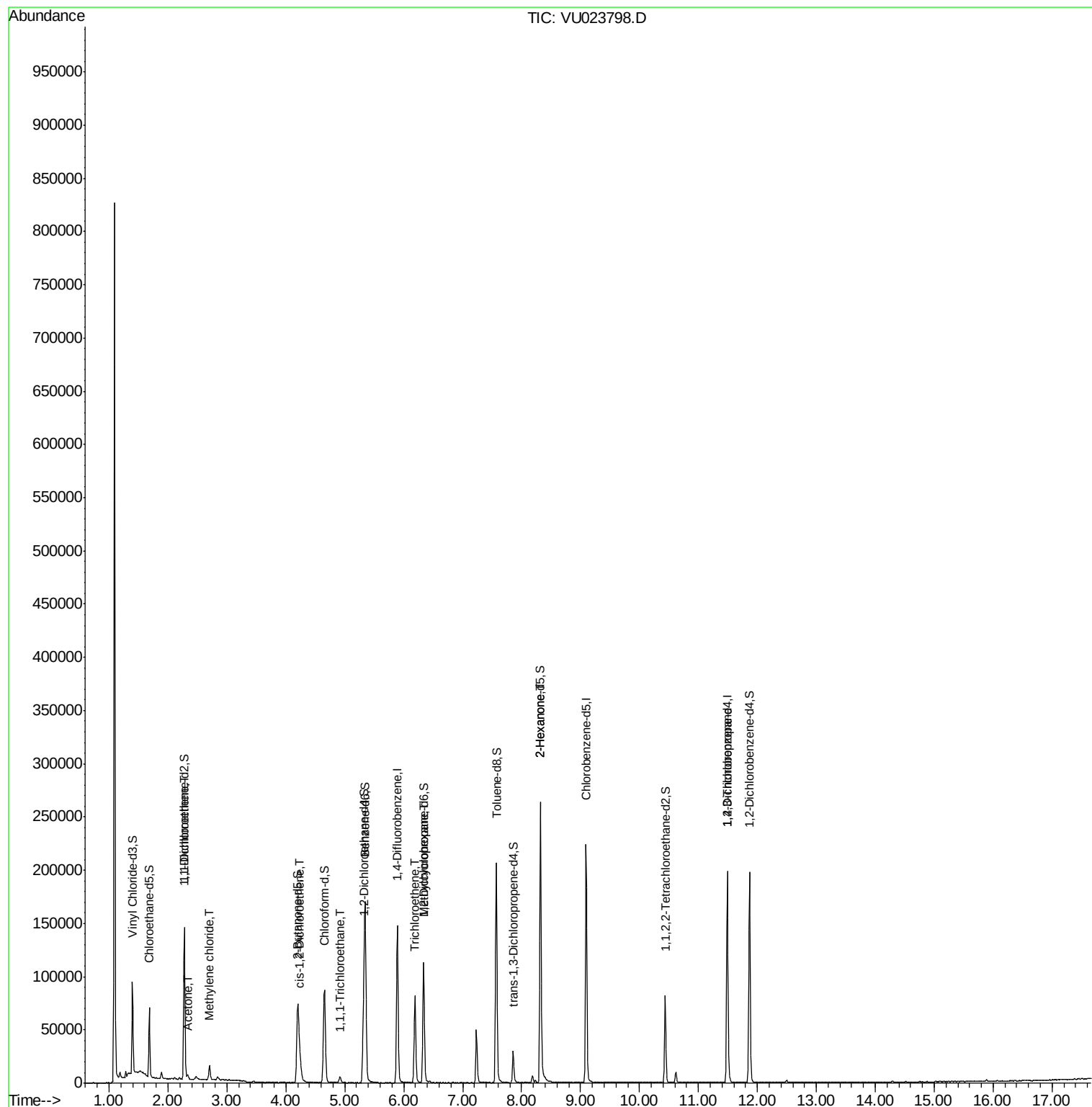
Target Compounds

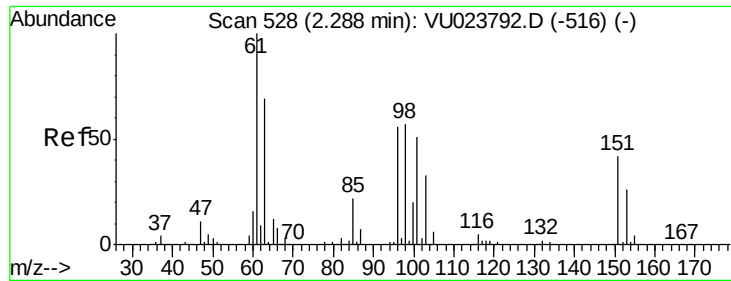
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.29	96	5410	0.67	ug/L	# 1
13) Acetone	2.33	43	3575	2.26	ug/L	92
16) Methylene chloride	2.70	84	6094	0.65	ug/L	95
22) cis-1,2-Dichloroethene	4.23	96	5777	0.57	ug/L	90
29) 1,1,1-Trichloroethane	4.92	97	4390	0.29	ug/L	95
34) Trichloroethene	6.19	95	29585	2.86	ug/L	99
35) Methylcyclohexane	6.34	83	12855	0.85	ug/L	# 15
48) 2-Hexanone	8.32	43	11165	2.59	ug/L	# 70
59) 1,2,3-Trichloropropane	11.49	75	6566	1.07	ug/L	95

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

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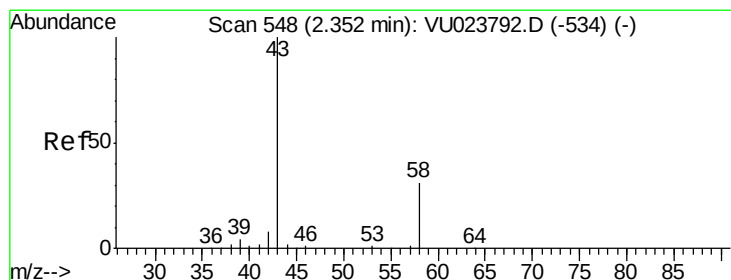
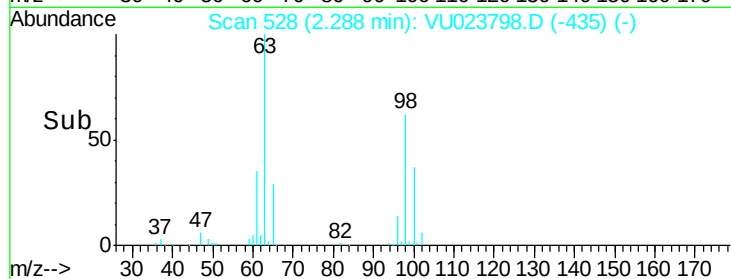
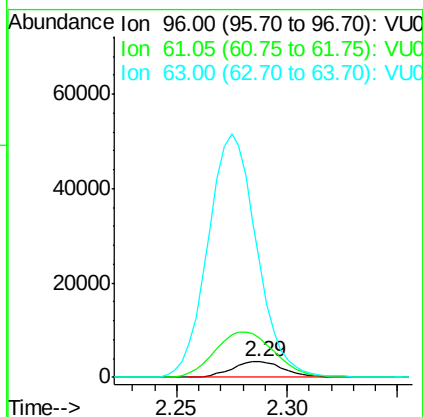
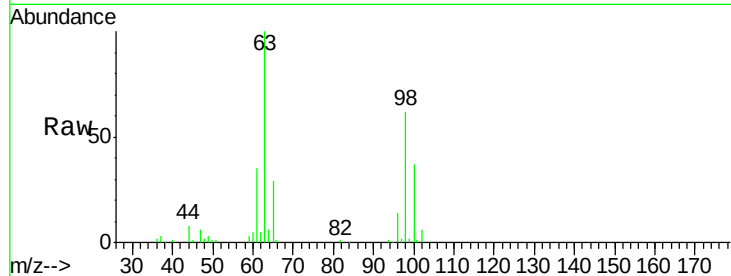
Quant Time: May 12 02:09:01 2018
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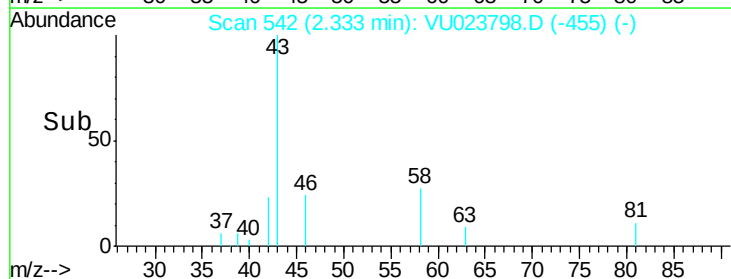
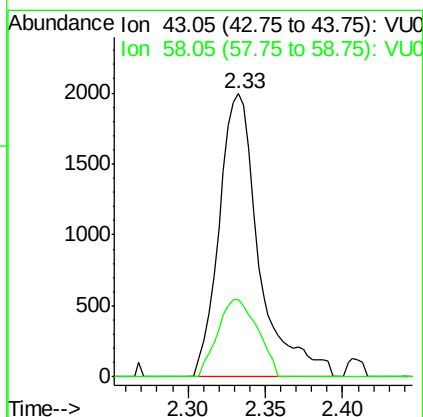
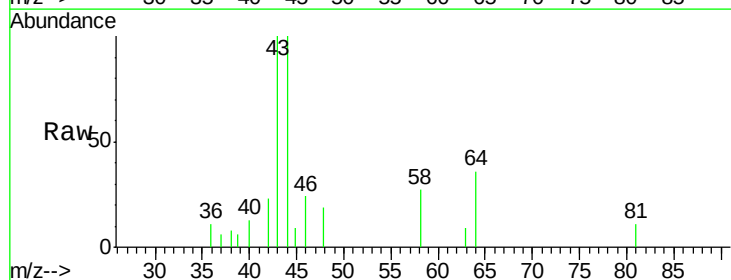
#12
 1,1-Dichloroethene
 Concen: 0.67 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VU023798.D
 Acq: 11 May 2018 14:03

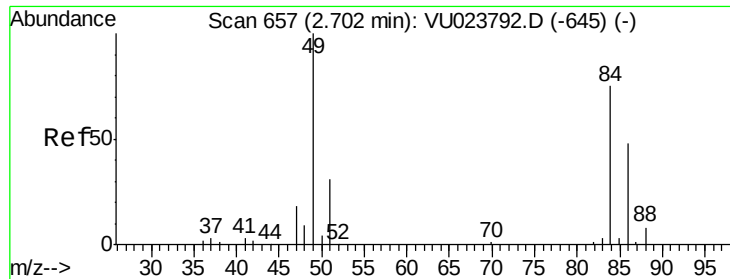
Tgt Ion: 96 Resp: 5410
 Ion Ratio Lower Upper
 96 100
 61 254.0 124.2 230.6#
 63 723.2 84.8 157.4#



#13
 Acetone
 Concen: 2.26 ug/L
 RT: 2.33 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: VU023798.D
 Acq: 11 May 2018 14:03

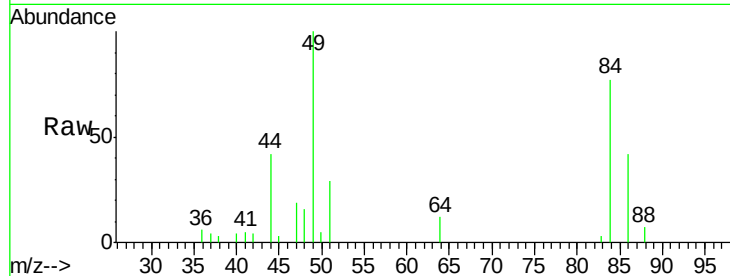
Tgt Ion: 43 Resp: 3575
 Ion Ratio Lower Upper
 43 100
 58 27.4 0.0 64.0



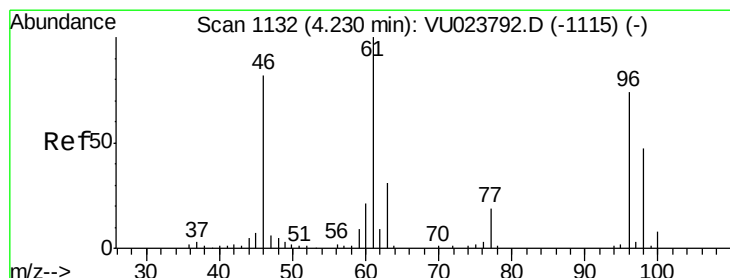
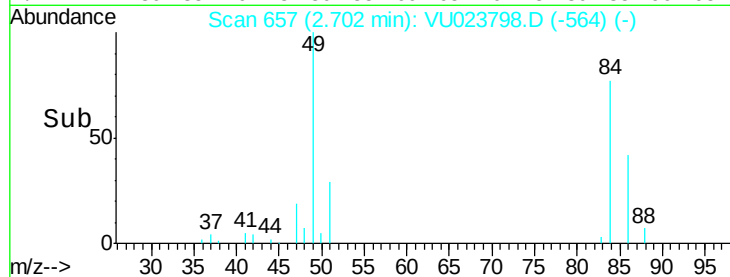
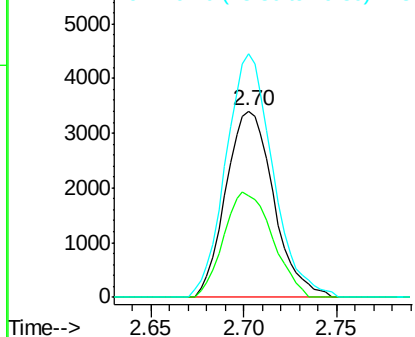


#16
Methylene chloride
Concen: 0.65 ug/L
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023798.D
Acq: 11 May 2018 14:03

Tgt Ion: 84 Resp: 6094
Ion Ratio Lower Upper
84 100
86 54.5 44.6 82.8
49 130.6 90.1 167.3

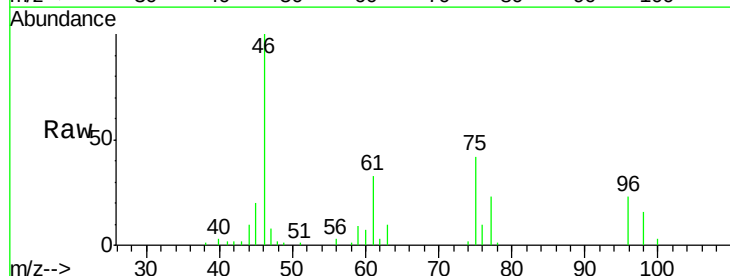


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

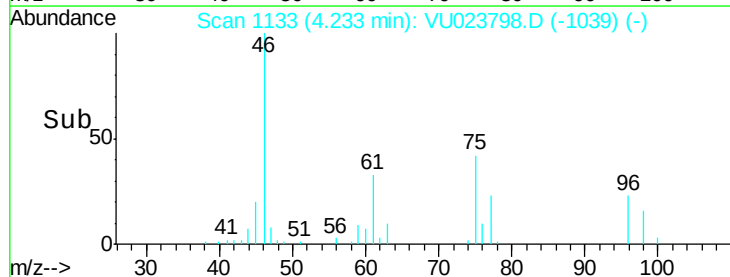
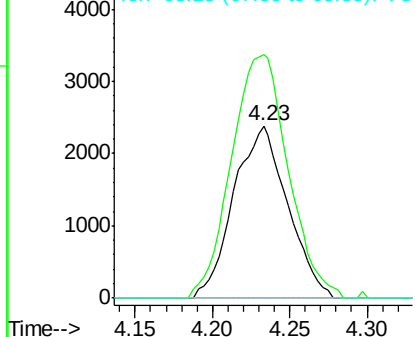


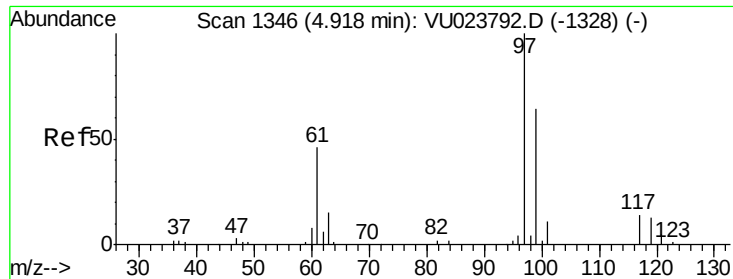
#22
cis-1,2-Dichloroethene
Concen: 0.57 ug/L
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU023798.D
Acq: 11 May 2018 14:03

Tgt Ion: 96 Resp: 5777
Ion Ratio Lower Upper
96 100
61 141.6 91.2 169.4
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





#29

1,1,1-Trichloroethane

Concen: 0.29 ug/L

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU023798.D

Acq: 11 May 2018 14:03

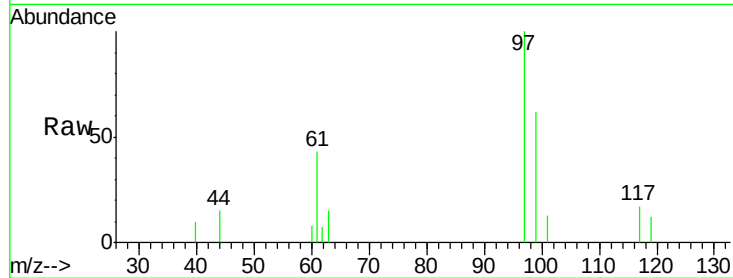
Tgt Ion: 97 Resp: 4390

Ion Ratio Lower Upper

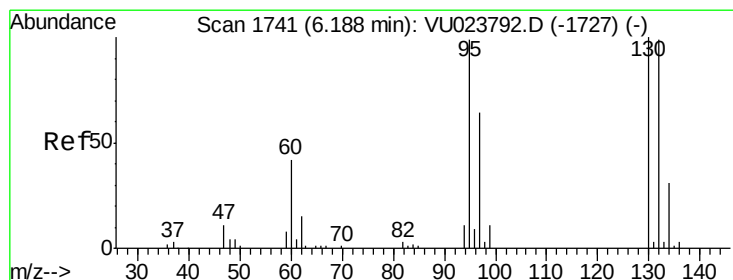
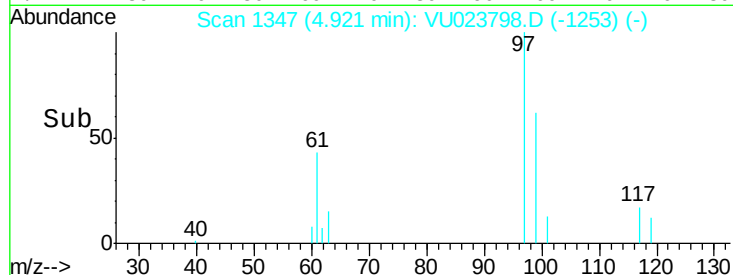
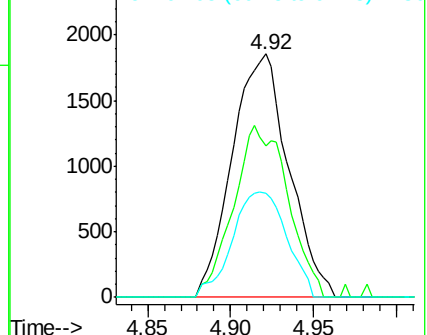
97 100

99 68.2 52.1 78.1

61 41.6 37.2 55.8



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



#34

Trichloroethene

Concen: 2.86 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023798.D

Acq: 11 May 2018 14:03

Tgt Ion: 95 Resp: 29585

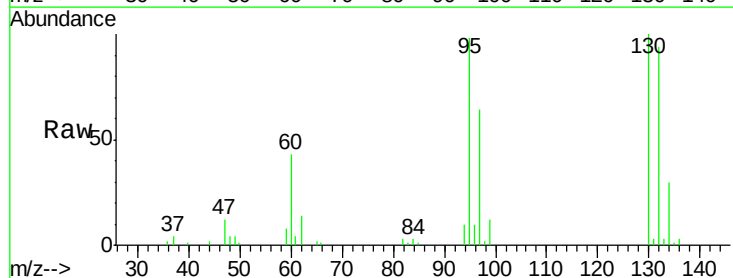
Ion Ratio Lower Upper

95 100

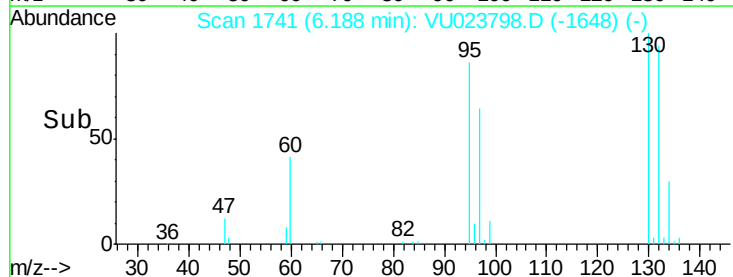
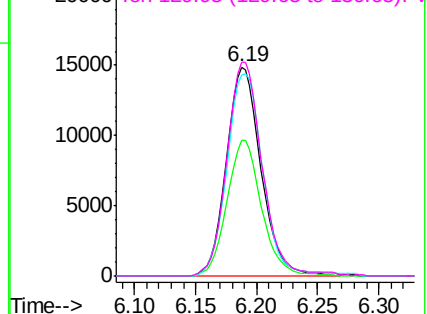
97 65.0 43.8 81.3

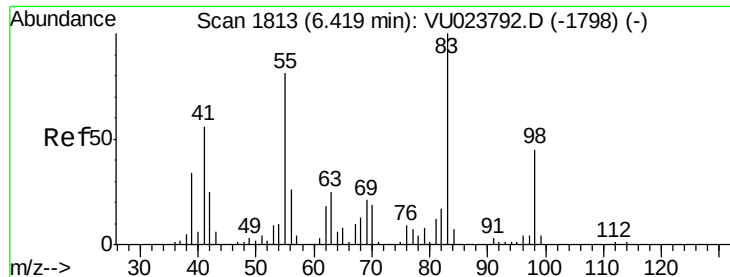
132 96.4 66.8 124.2

130 102.3 71.5 132.7



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: 0.85 ug/L

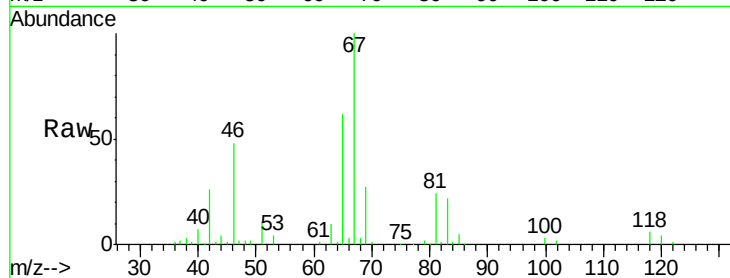
RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU023798.D

Acq: 11 May 2018 14:03

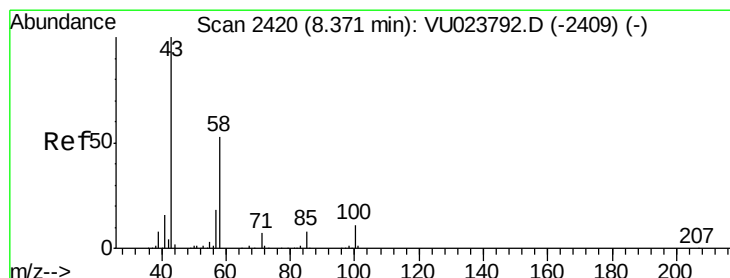
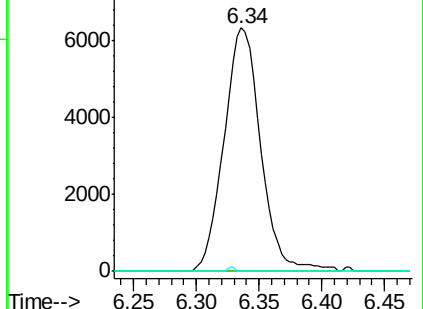
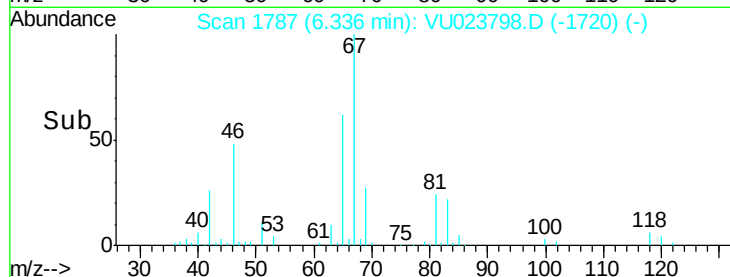
Tgt Ion:	83	Resp:	12855
Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.1	103.7#
98	0.3	37.8	56.8#



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



#48

2-Hexanone

Concen: 2.59 ug/L

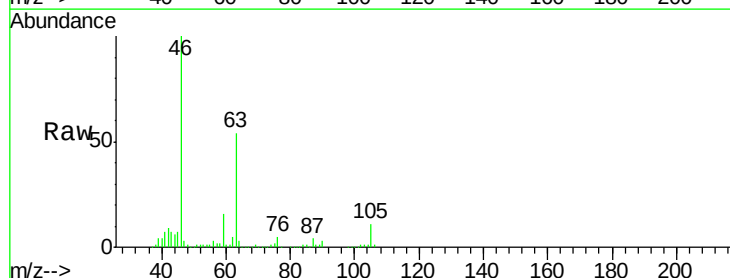
RT: 8.32 min Scan# 2404

Delta R.T. -0.05 min

Lab File: VU023798.D

Acq: 11 May 2018 14:03

Tgt Ion:	43	Resp:	11165
Ion	Ratio	Lower	Upper
43	100		
58	32.7	42.3	63.5#
57	37.1	14.7	22.1#
100	4.6	8.7	13.1#

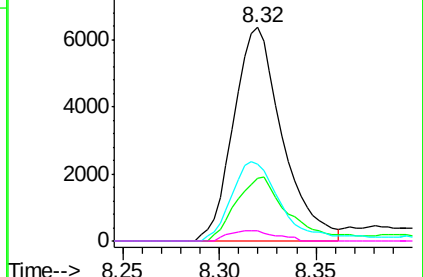
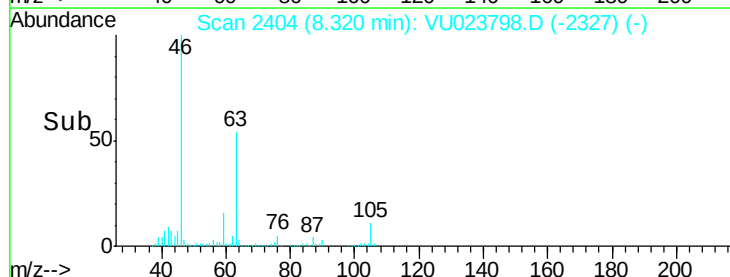


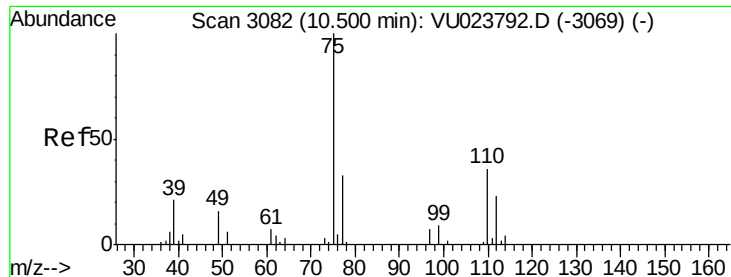
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.07 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023798.D

Acq: 11 May 2018 14:03

Tgt Ion: 75 Resp: 6566

Ion Ratio Lower Upper

75 100

77 35.3 26.1 39.1

