

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082118\
 Data File : VU026228.D
 Acq On : 21 Aug 2018 13:23
 Operator : MD/SY
 Sample : J4515-06DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0343DL

Quant Time: Aug 22 00:25:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 22 00:24:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	131387	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	132796	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	61309	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36212	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.68	69	30209	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.28	63	76510	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.20%
20) 2-Butanone-d5	4.19	46	112907	56.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.98%
24) Chloroform-d	4.65	84	83023	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.31	65	46295	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.34	84	155726	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.33	67	50829	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.57	98	136110	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.85	79	19823	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.32	63	89505	54.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.22%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	42263	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	57301	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

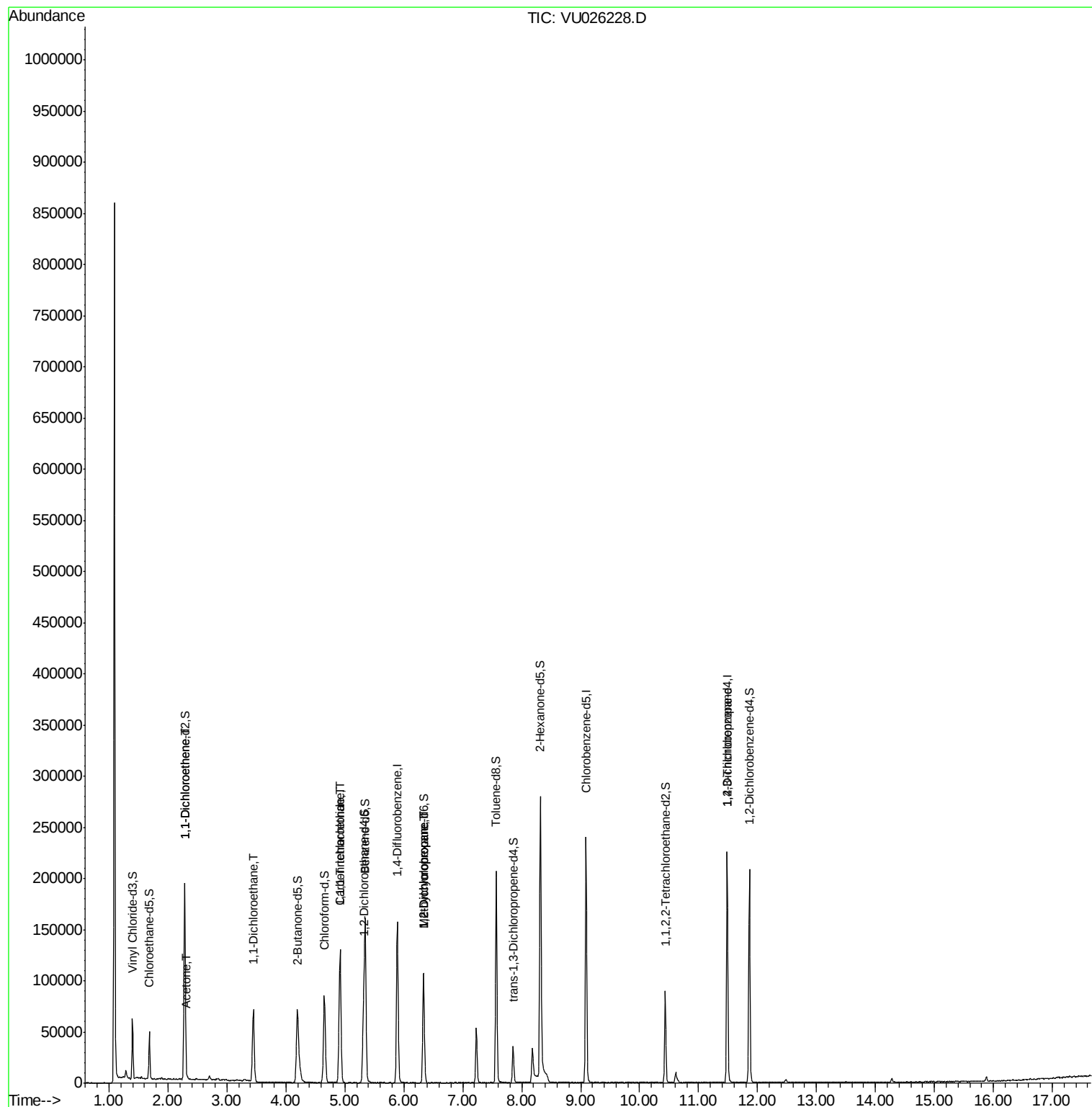
					Qvalue
12) 1,1-Dichloroethene	2.29	96	41147	5.388 ug/L	96
13) Acetone	2.32	43	1019	0.777 ug/L	98
19) 1,1-Dichloroethane	3.45	63	76169	4.823 ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	100942	5.869 ug/L	100
31) Carbon tetrachloride	4.91	117	13627	0.871 ug/L	97
35) Methylcyclohexane	6.34	83	12147	0.790 ug/L #	17
37) 1,2-Dichloropropane	6.34	63	5821	0.561 ug/L #	95
59) 1,2,3-Trichloropropane	11.49	75	7120	1.137 ug/L	98

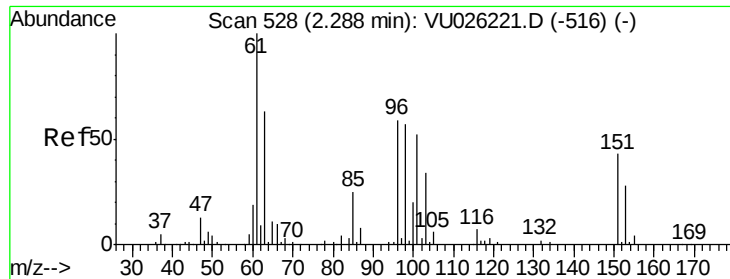
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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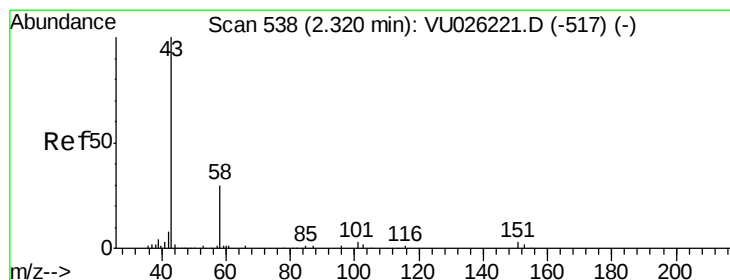
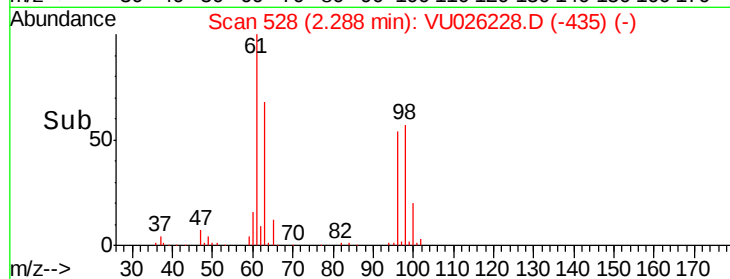
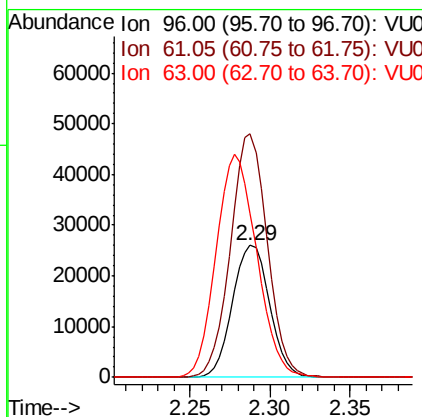
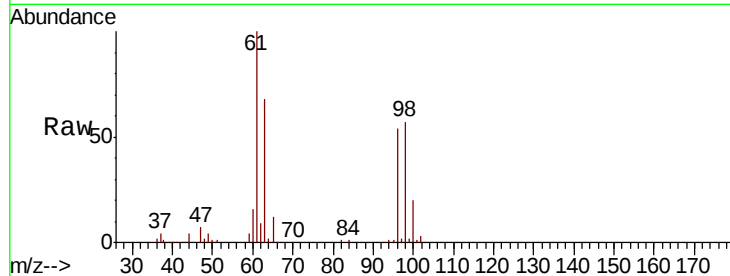




#12
 1,1-Dichloroethene
 Concen: 5.388 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU026228.D
 Acq: 21 Aug 2018 13:23

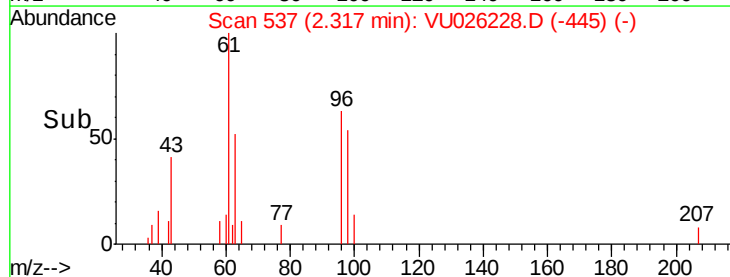
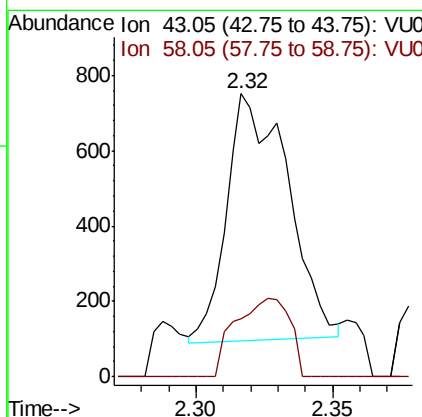
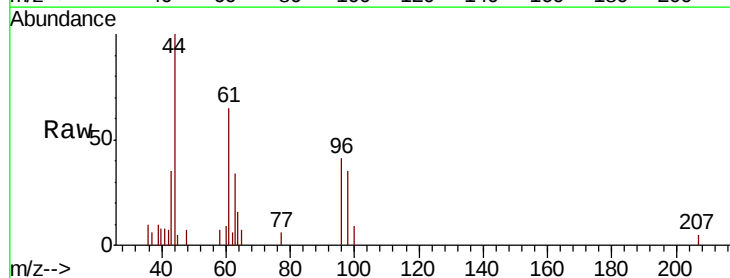
Instrument :
 MSVOA_U
 ClientSampleID :
 C0343DL

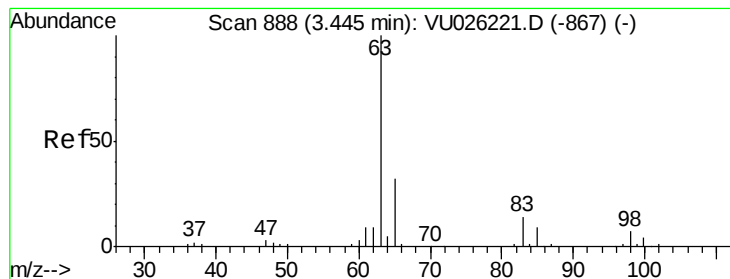
Tgt Ion: 96 Resp: 41147
 Ion Ratio Lower Upper
 96 100
 61 184.2 125.3 232.7
 63 124.3 90.9 168.9



#13
 Acetone
 Concen: 0.777 ug/L
 RT: 2.32 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: VU026228.D
 Acq: 21 Aug 2018 13:23

Tgt Ion: 43 Resp: 1019
 Ion Ratio Lower Upper
 43 100
 58 28.3 0.0 59.0





#19

1,1-Dichloroethane

Concen: 4.823 ug/L

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU026228.D

Acq: 21 Aug 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

C0343DL

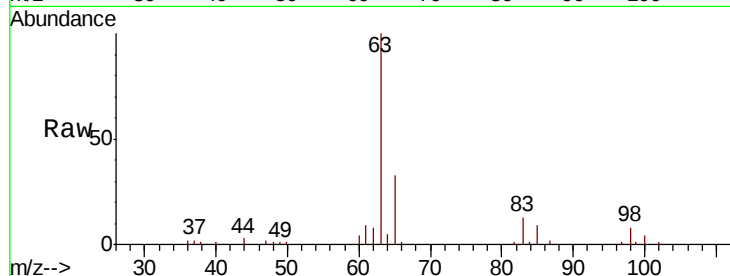
Tgt Ion: 63 Resp: 76169

Ion Ratio Lower Upper

63 100

65 33.1 23.2 43.0

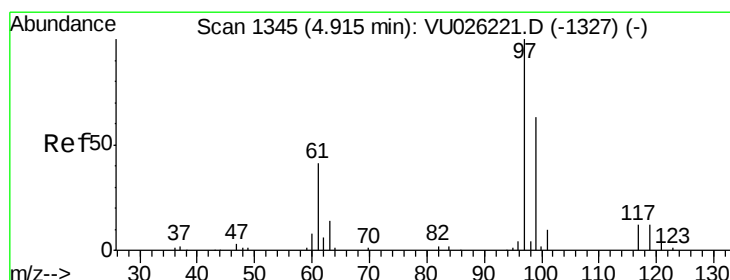
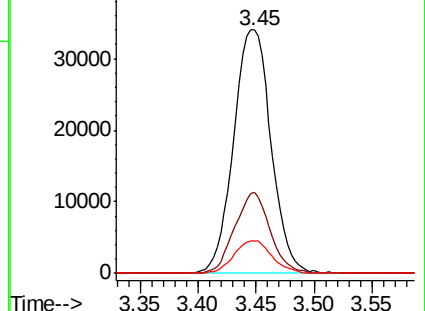
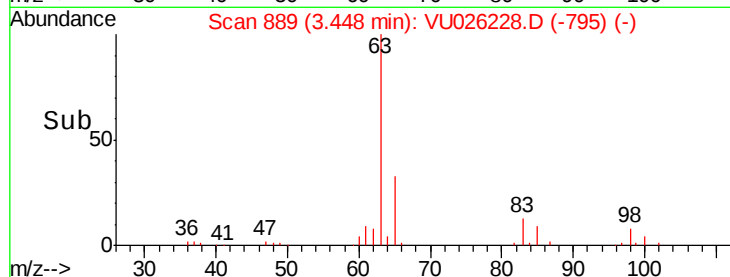
83 13.5 10.1 18.9



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



#29

1,1,1-Trichloroethane

Concen: 5.869 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU026228.D

Acq: 21 Aug 2018 13:23

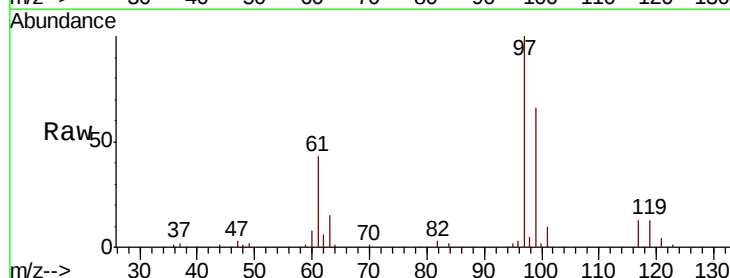
Tgt Ion: 97 Resp: 100942

Ion Ratio Lower Upper

97 100

99 65.1 52.3 78.5

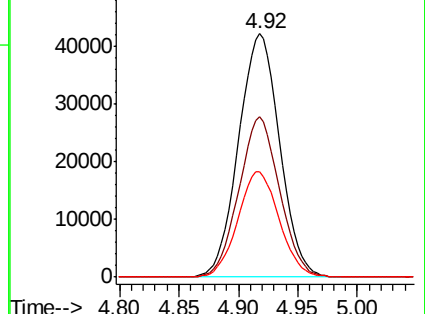
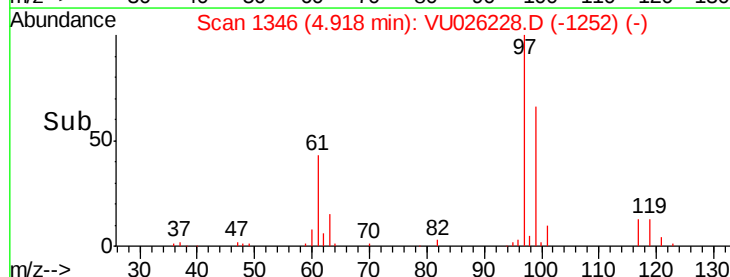
61 43.6 35.0 52.6

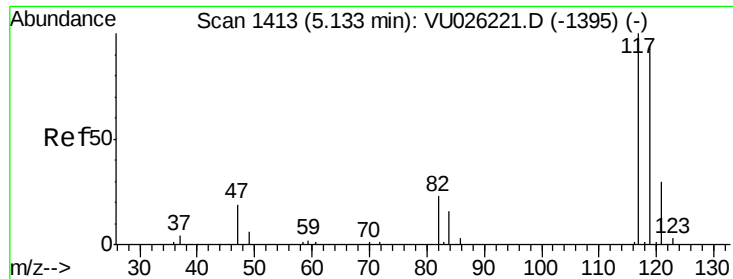


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0





#31

Carbon tetrachloride

Concen: 0.871 ug/L

RT: 4.91 min Scan# 1345

Delta R.T. -0.22 min

Lab File: VU026228.D

Acq: 21 Aug 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

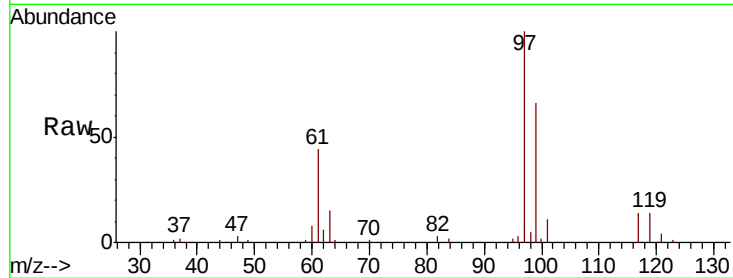
C0343DL

Tgt Ion:117 Resp: 13627

Ion Ratio Lower Upper

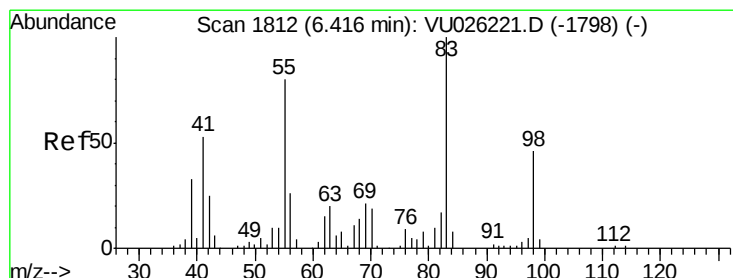
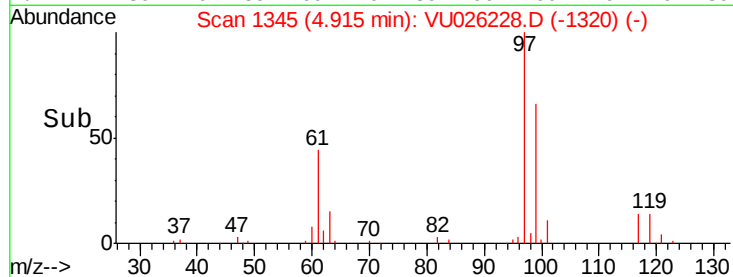
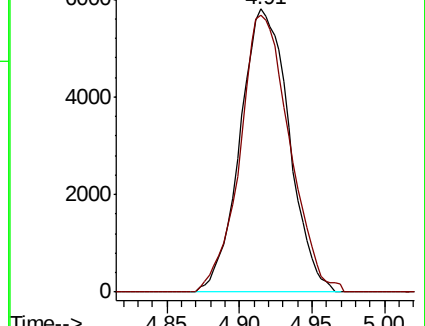
117 100

119 99.1 76.6 115.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.790 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU026228.D

Acq: 21 Aug 2018 13:23

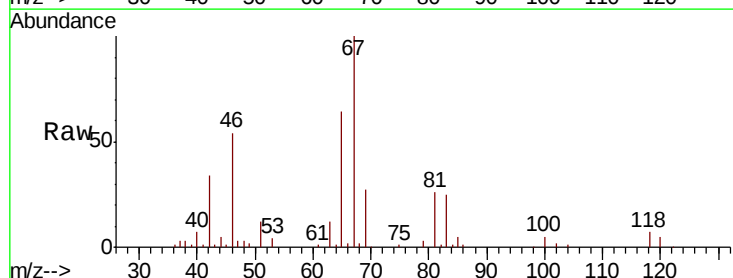
Tgt Ion: 83 Resp: 12147

Ion Ratio Lower Upper

83 100

55 0.0 65.0 97.4#

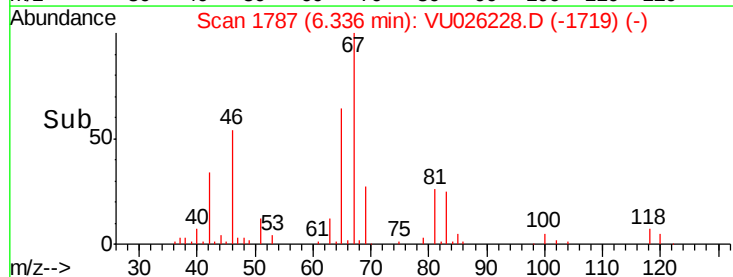
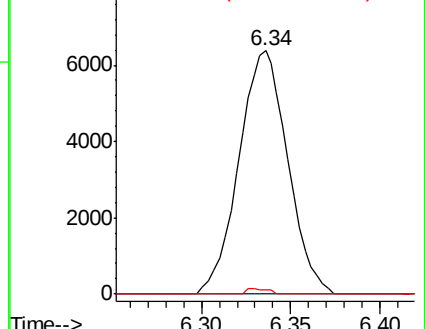
98 1.0 37.8 56.6#

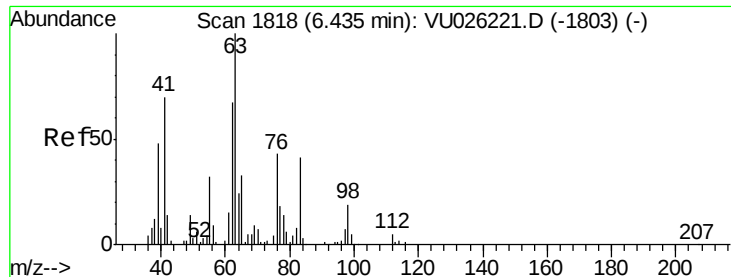


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

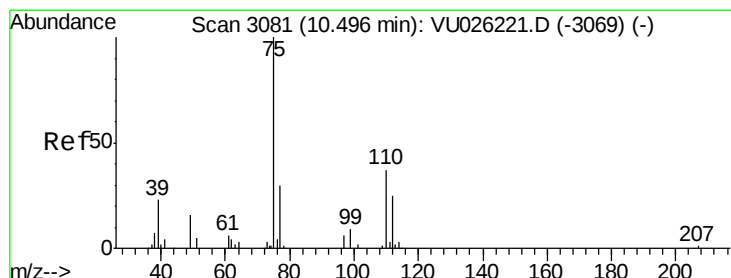
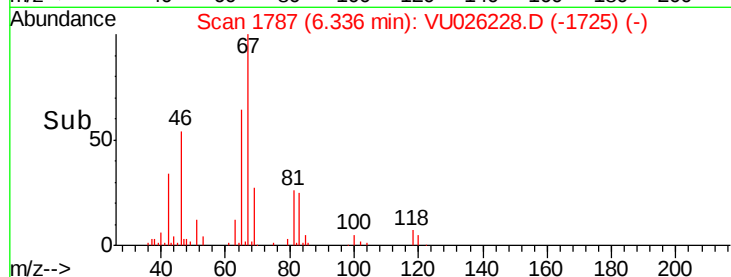
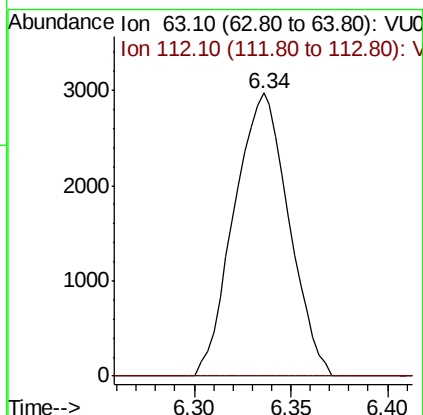
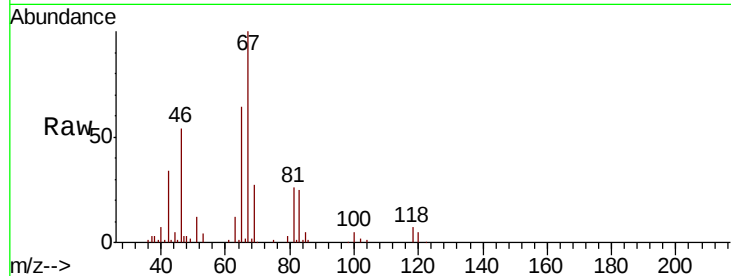




#37
 1,2-Dichloropropane
 Concen: 0.561 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026228.D
 Acq: 21 Aug 2018 13:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0343DL

Tgt Ion: 63 Resp: 5821
 Ion Ratio Lower Upper
 63 100
 112 0.0 1.4 2.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.137 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026228.D
 Acq: 21 Aug 2018 13:23

Tgt Ion: 75 Resp: 7120
 Ion Ratio Lower Upper
 75 100
 77 35.1 29.0 43.4

