

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082118\
 Data File : VU026226.D
 Acq On : 21 Aug 2018 12:35
 Operator : MD/SY
 Sample : J4515-02DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0325DL

Quant Time: Aug 22 00:25:17 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	130732	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	131898	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	60410	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35188	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.68	69	30003	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.28	63	67477	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.20%
20) 2-Butanone-d5	4.19	46	109152	55.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.74%
24) Chloroform-d	4.65	84	83241	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.31	65	46044	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.34	84	151428	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.34	67	49831	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.57	98	133775	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	19241	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.32	63	87047	52.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.96%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	41423	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	58493	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

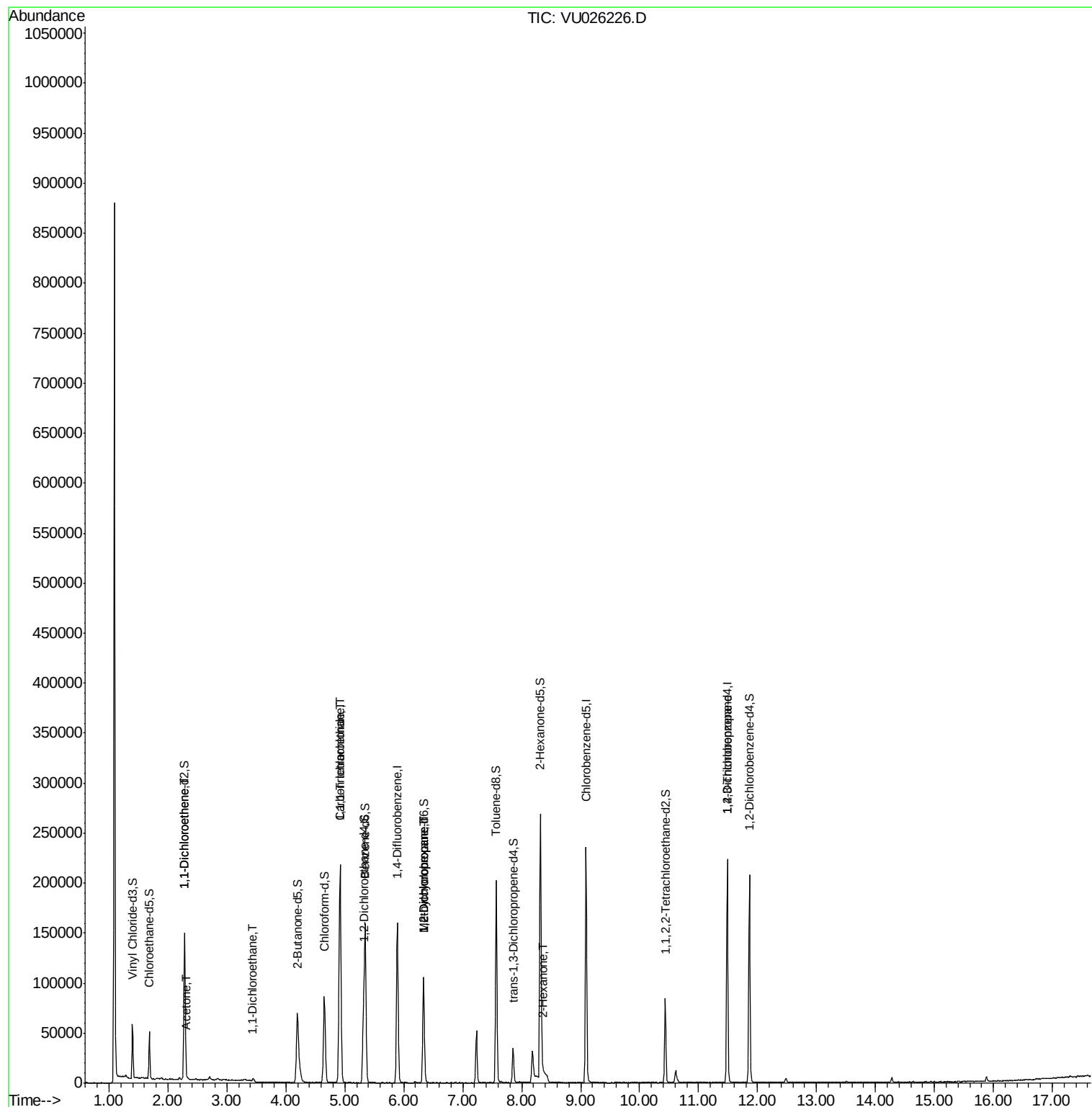
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.29	96	23873	3.142	ug/L #	78
13) Acetone	2.32	43	1239	0.949	ug/L	67
19) 1,1-Dichloroethane	3.45	63	3283	0.209	ug/L	95
29) 1,1,1-Trichloroethane	4.92	97	170688	9.991	ug/L	99
31) Carbon tetrachloride	4.92	117	23224	1.494	ug/L	97
35) Methylcyclohexane	6.33	83	12113	0.793	ug/L #	17
37) 1,2-Dichloropropane	6.34	63	5269	0.512	ug/L #	95
48) 2-Hexanone	8.36	43	987	0.256	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	6702	1.077	ug/L	93

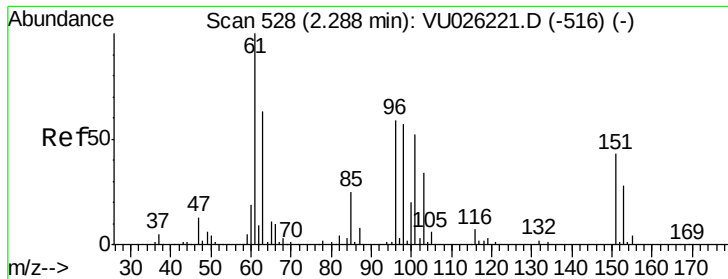
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.142 ug/L

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU026226.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

C0325DL

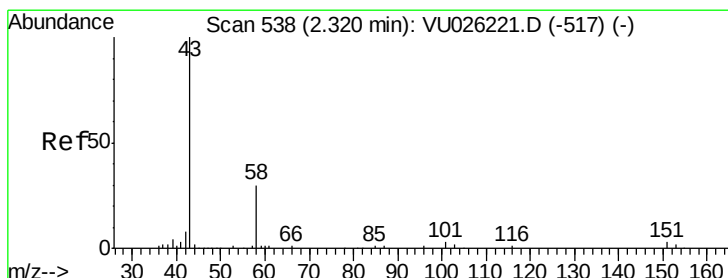
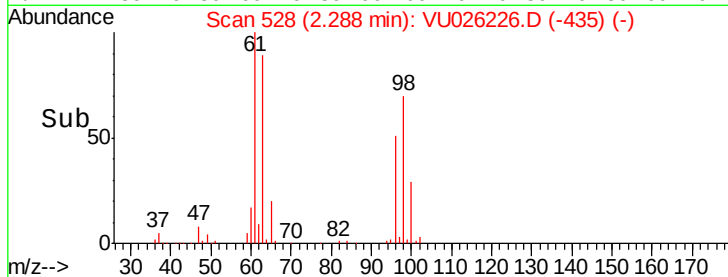
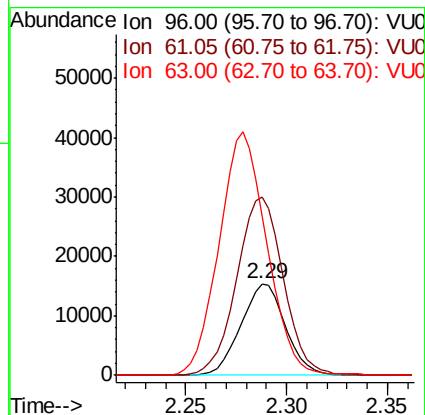
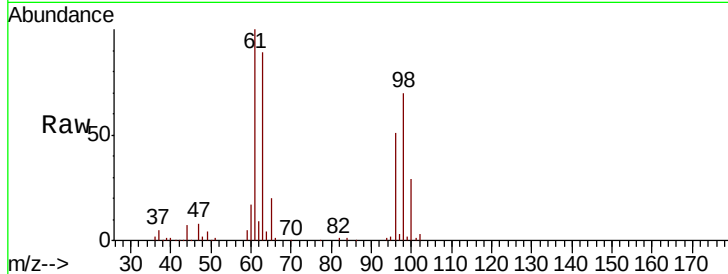
Tgt Ion: 96 Resp: 23873

Ion Ratio Lower Upper

96 100

61 194.8 125.3 232.7

63 174.2 90.9 168.9#



#13

Acetone

Concen: 0.949 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026226.D

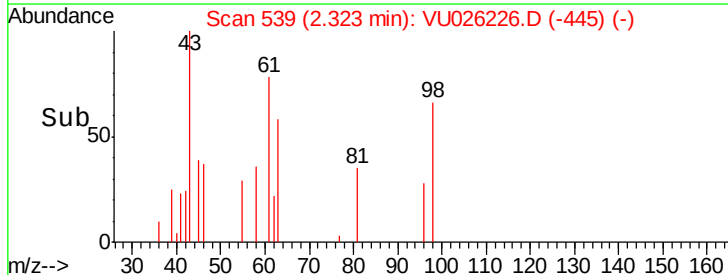
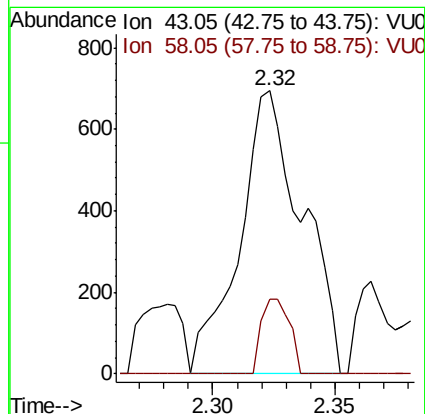
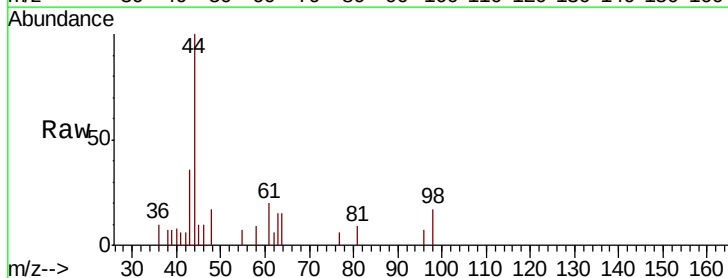
Acq: 21 Aug 2018 12:35

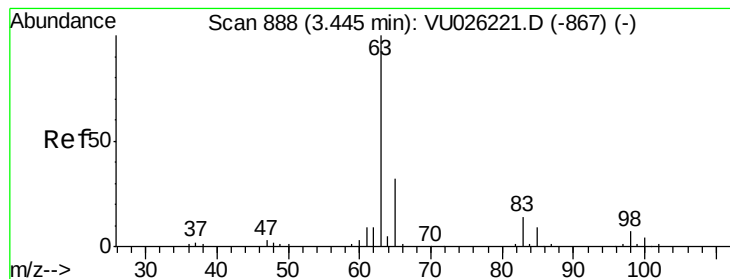
Tgt Ion: 43 Resp: 1239

Ion Ratio Lower Upper

43 100

58 11.7 0.0 59.0





#19

1,1-Dichloroethane

Concen: 0.209 ug/L

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU026226.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

C0325DL

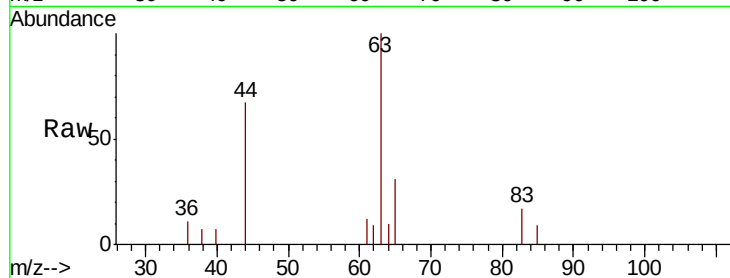
Tgt Ion: 63 Resp: 3283

Ion Ratio Lower Upper

63 100

65 30.7 23.2 43.0

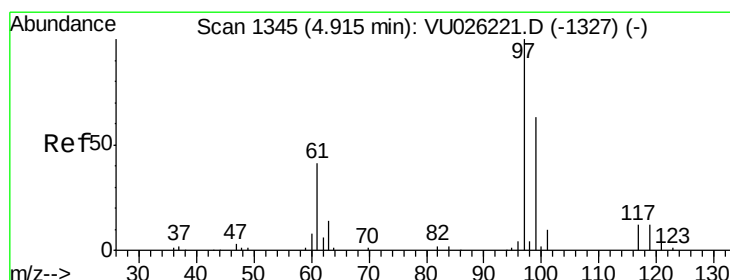
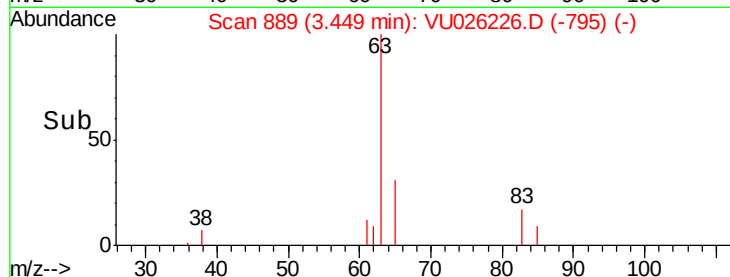
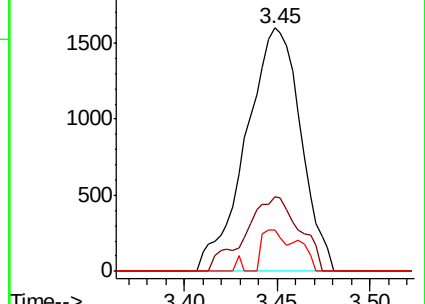
83 17.0 10.1 18.9



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: 9.991 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU026226.D

Acq: 21 Aug 2018 12:35

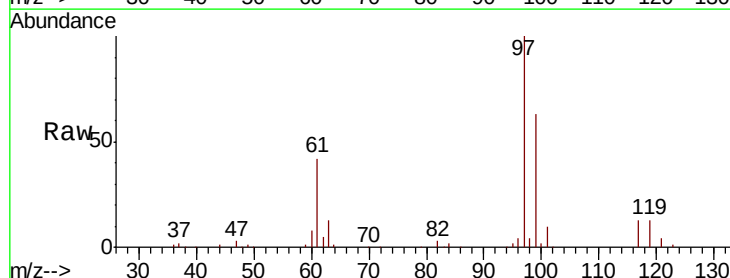
Tgt Ion: 97 Resp: 170688

Ion Ratio Lower Upper

97 100

99 64.4 52.3 78.5

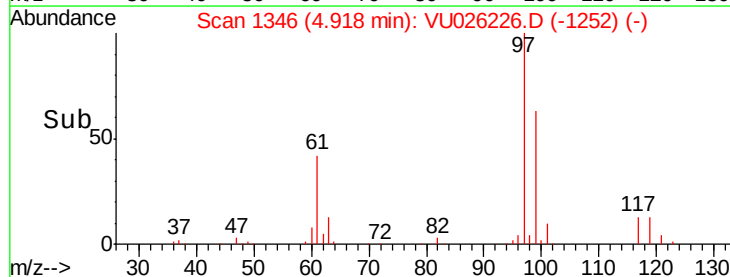
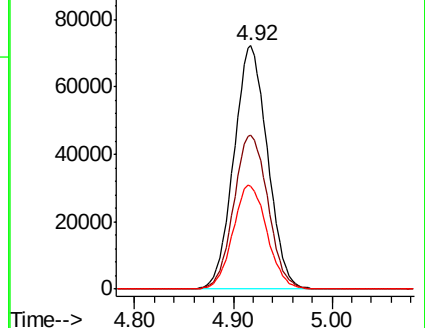
61 43.1 35.0 52.6

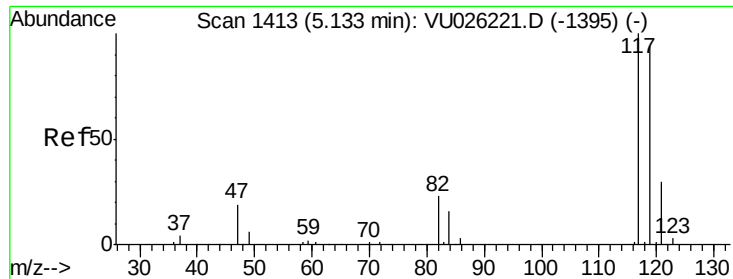


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0





#31

Carbon tetrachloride

Concen: 1.494 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. -0.22 min

Lab File: VU026226.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

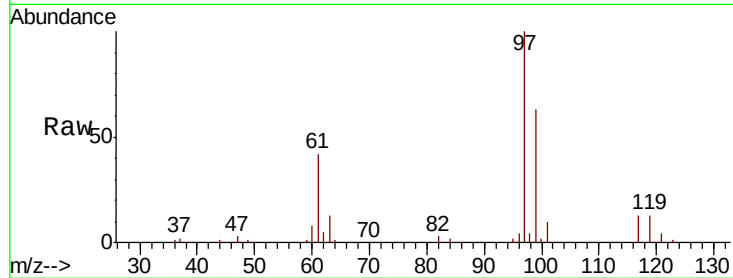
C0325DL

Tgt Ion:117 Resp: 23224

Ion Ratio Lower Upper

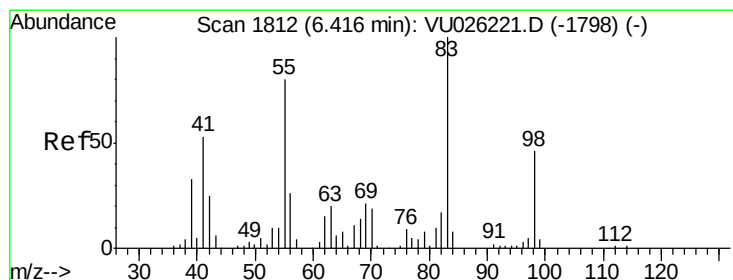
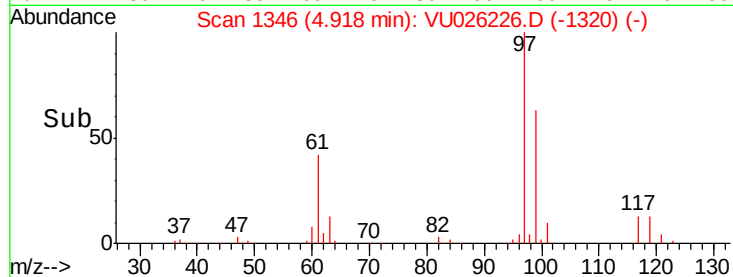
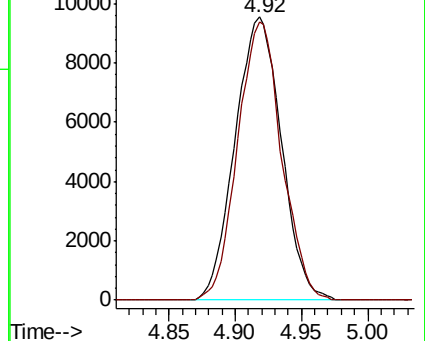
117 100

119 93.3 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: 0.793 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.08 min

Lab File: VU026226.D

Acq: 21 Aug 2018 12:35

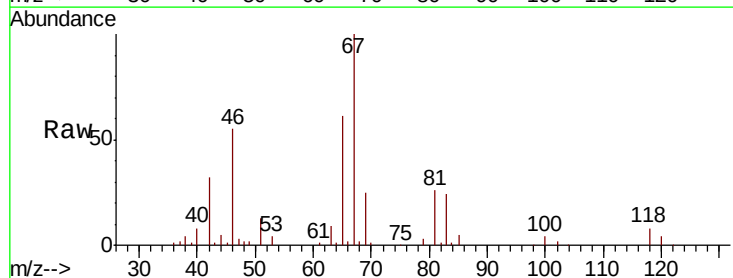
Tgt Ion: 83 Resp: 12113

Ion Ratio Lower Upper

83 100

55 0.0 65.0 97.4#

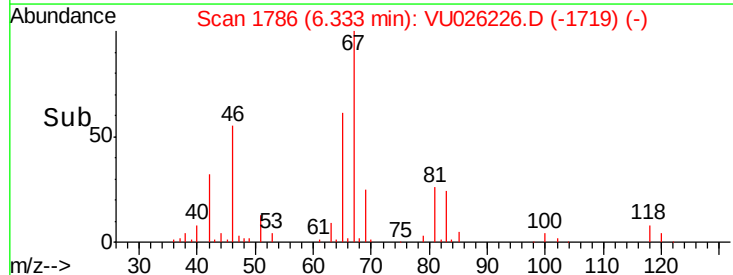
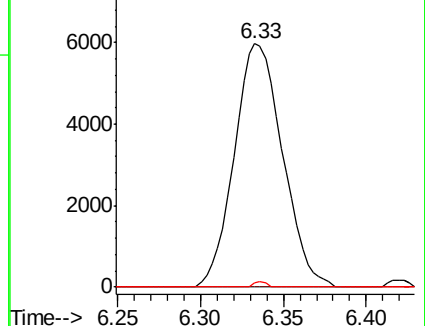
98 0.5 37.8 56.6#

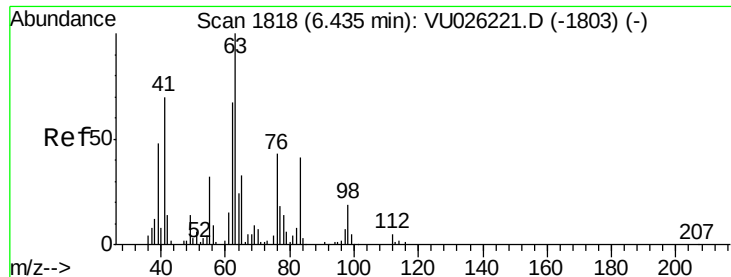


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

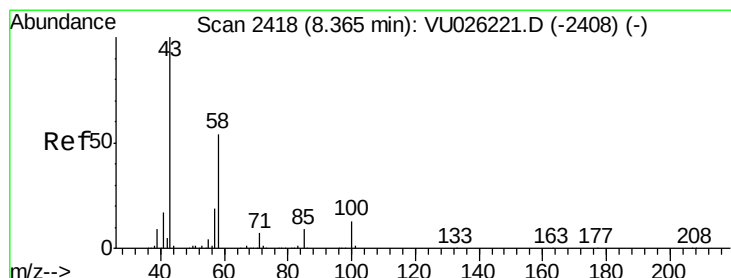
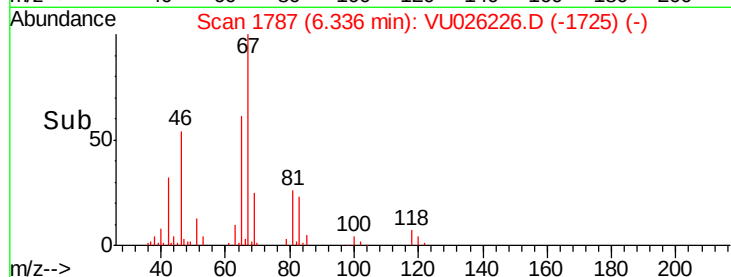
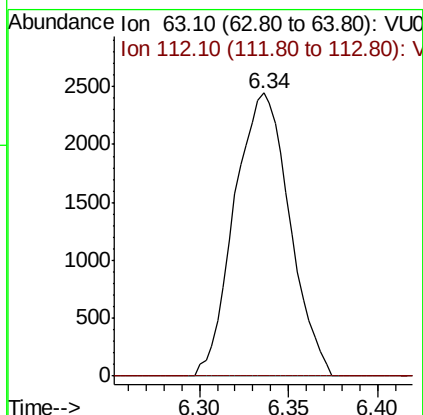
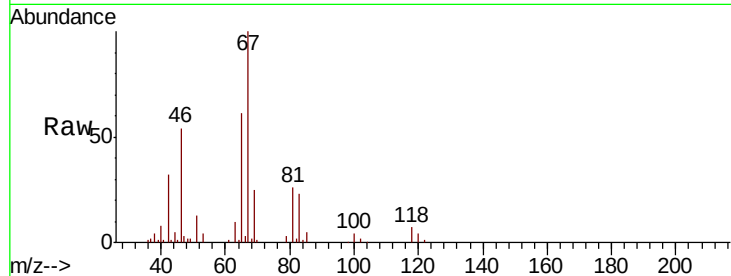




#37
 1,2-Dichloropropane
 Concen: 0.512 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026226.D
 Acq: 21 Aug 2018 12:35

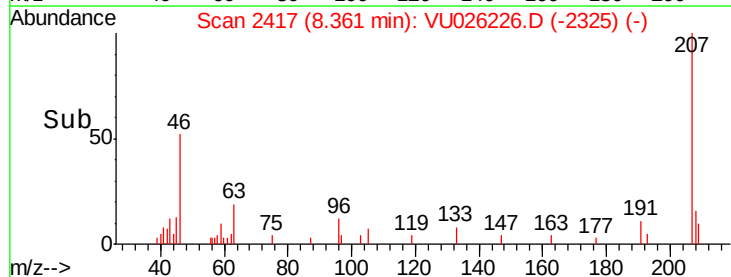
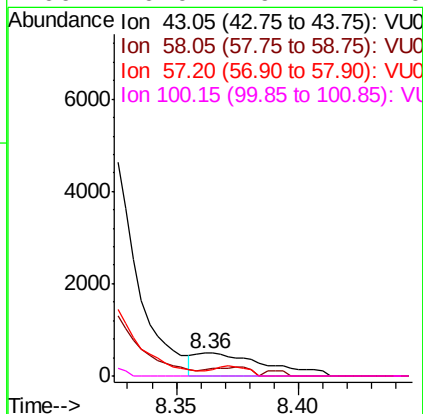
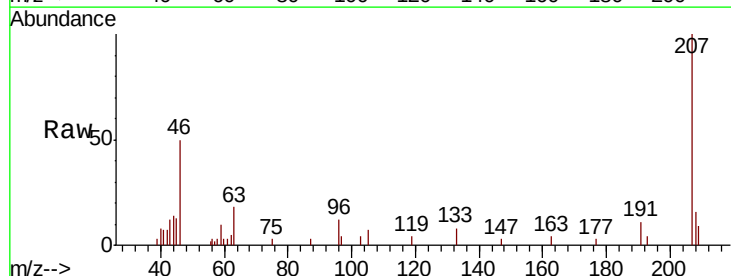
Instrument :
 MSVOA_U
 ClientSampleID :
 C0325DL

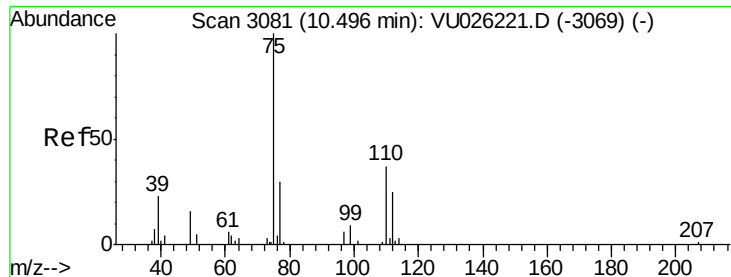
Tgt Ion: 63 Resp: 5269
 Ion Ratio Lower Upper
 63 100
 112 0.0 1.4 2.2#



#48
 2-Hexanone
 Concen: 0.256 ug/L
 RT: 8.36 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: VU026226.D
 Acq: 21 Aug 2018 12:35

Tgt Ion: 43 Resp: 987
 Ion Ratio Lower Upper
 43 100
 58 22.6 43.1 64.7#
 57 20.0 15.4 23.0
 100 0.0 9.4 14.0#





#59

1,2,3-Trichloropropane

Concen: 1.077 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026226.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

C0325DL

Tgt Ion: 75 Resp: 6702

Ion Ratio Lower Upper

75 100

77 40.1 29.0 43.4

