

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082118\
 Data File : VU026232.D
 Acq On : 21 Aug 2018 14:59
 Operator : MD/SY
 Sample : J4488-15DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0320DL

Quant Time: Aug 22 00:25:54 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	126784	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	130959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	57520	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33134	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.68	69	28178	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.28	63	72903	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.00%
20) 2-Butanone-d5	4.19	46	107874	56.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.84%
24) Chloroform-d	4.65	84	80933	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.32	65	44487	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.34	84	149734	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.34	67	48861	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.57	98	127797	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.85	79	18391	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.32	63	84842	52.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.02%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	39793	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	54464	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

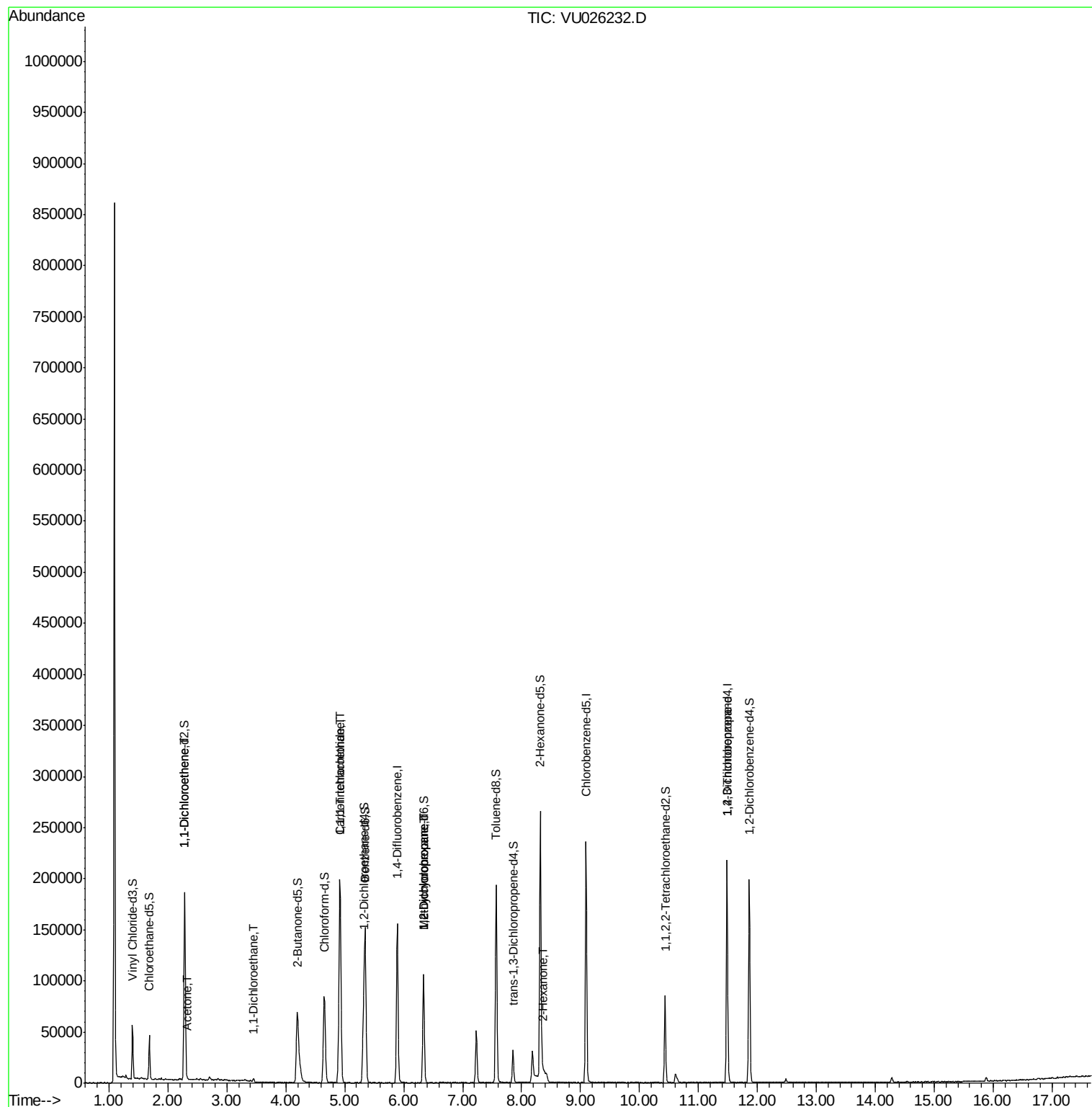
					Qvalue
12) 1,1-Dichloroethene	2.29	96	39885	5.412 ug/L	91
13) Acetone	2.33	43	984	0.777 ug/L	87
19) 1,1-Dichloroethane	3.45	63	4088	0.268 ug/L	90
29) 1,1,1-Trichloroethane	4.92	97	156005	9.197 ug/L	99
31) Carbon tetrachloride	4.91	117	21138	1.370 ug/L	99
35) Methylcyclohexane	6.34	83	11868	0.782 ug/L #	16
37) 1,2-Dichloropropane	6.34	63	5281	0.516 ug/L #	95
48) 2-Hexanone	8.37	43	835	0.218 ug/L #	63
59) 1,2,3-Trichloropropane	11.48	75	6755	1.094 ug/L	100

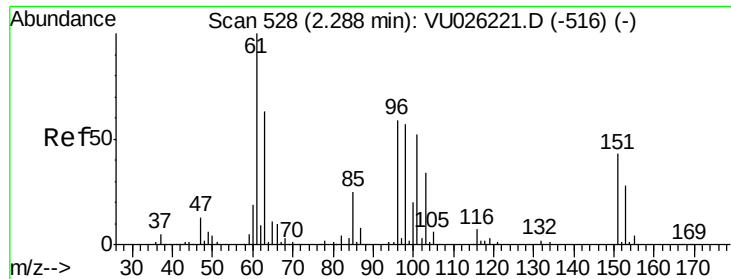
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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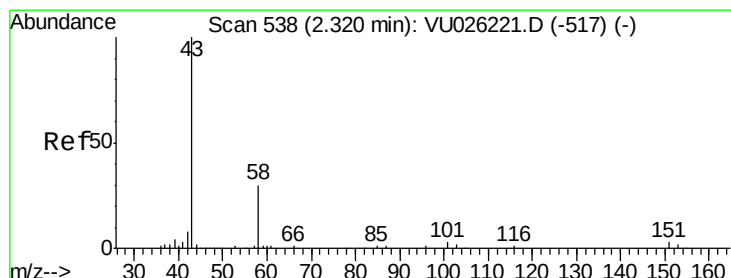
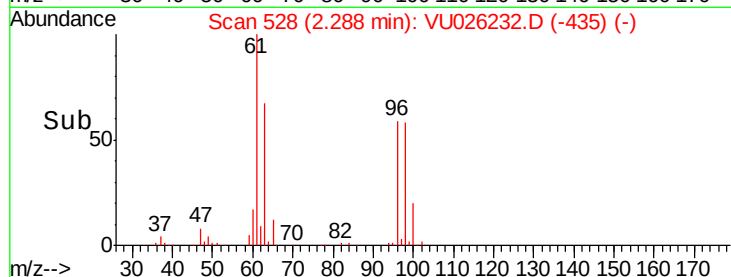
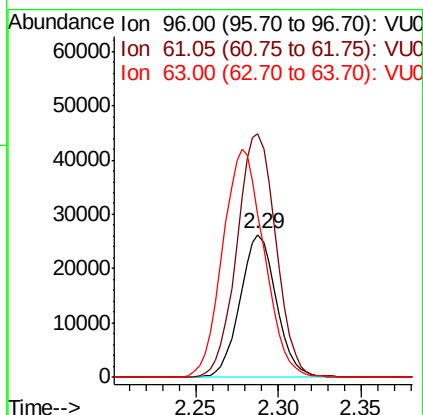
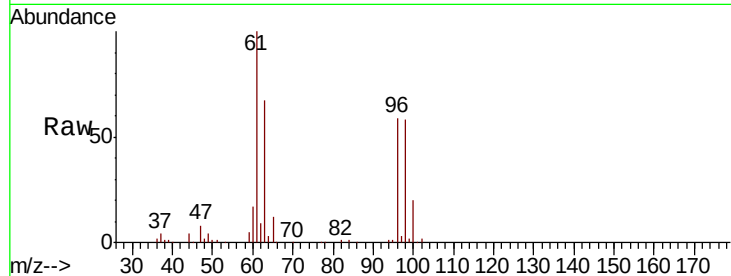




#12
 1,1-Dichloroethene
 Concen: 5.412 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU026232.D
 Acq: 21 Aug 2018 14:59

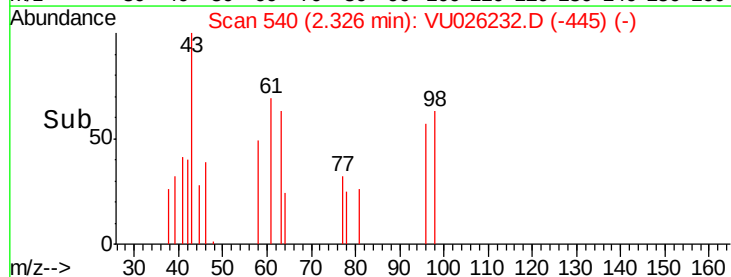
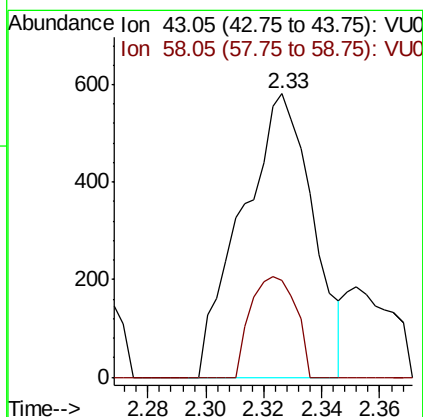
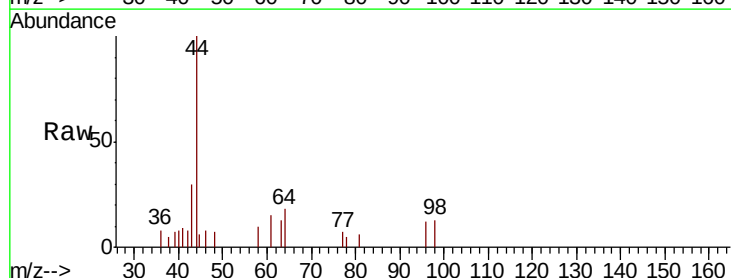
Instrument :
 MSVOA_U
 ClientSampleID :
 C0320DL

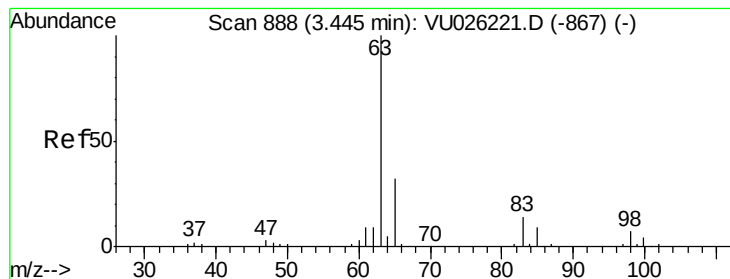
Tgt Ion: 96 Resp: 39885
 Ion Ratio Lower Upper
 96 100
 61 170.7 125.3 232.7
 63 113.9 90.9 168.9



#13
 Acetone
 Concen: 0.777 ug/L
 RT: 2.33 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: VU026232.D
 Acq: 21 Aug 2018 14:59

Tgt Ion: 43 Resp: 984
 Ion Ratio Lower Upper
 43 100
 58 22.6 0.0 59.0





#19

1,1-Dichloroethane

Concen: 0.268 ug/L

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU026232.D

Acq: 21 Aug 2018 14:59

Instrument :

MSVOA_U

ClientSampleId :

C0320DL

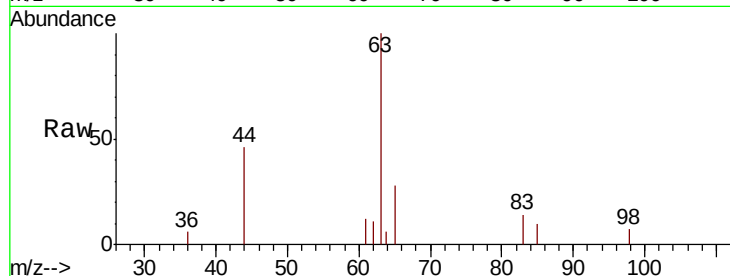
Tgt Ion: 63 Resp: 4088

Ion Ratio Lower Upper

63 100

65 26.2 23.2 43.0

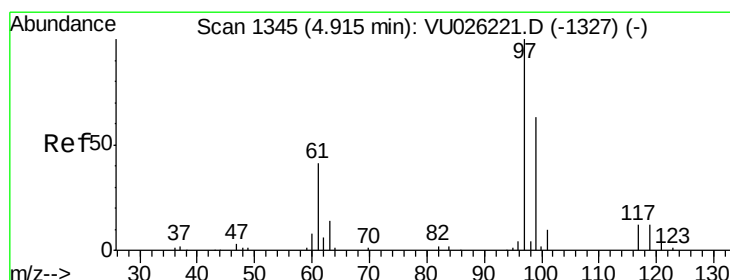
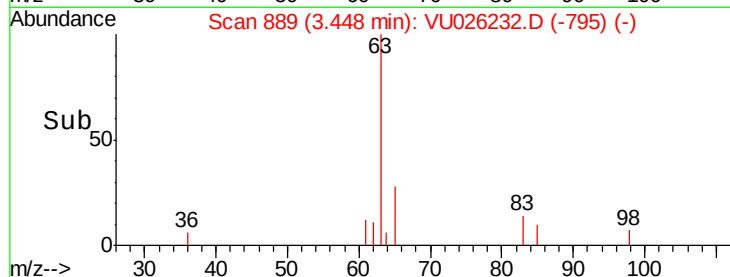
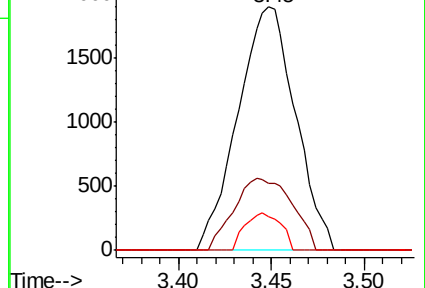
83 13.0 10.1 18.9



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: 9.197 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU026232.D

Acq: 21 Aug 2018 14:59

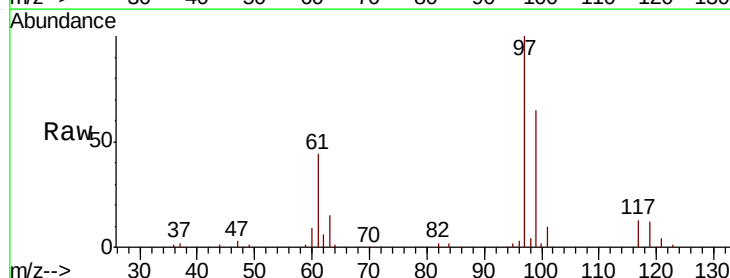
Tgt Ion: 97 Resp: 156005

Ion Ratio Lower Upper

97 100

99 64.0 52.3 78.5

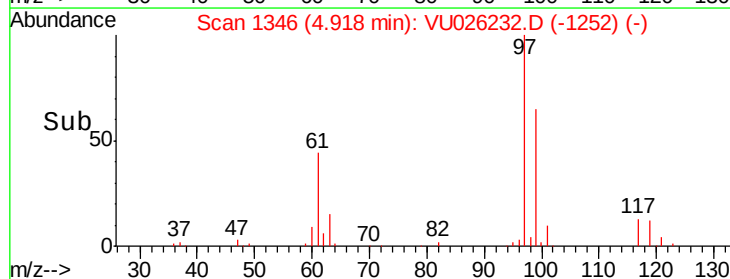
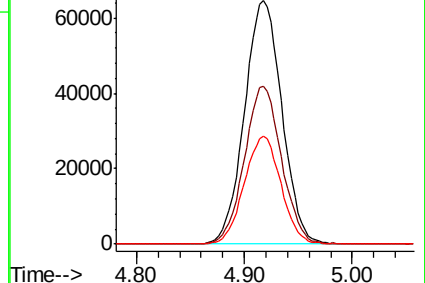
61 43.5 35.0 52.6

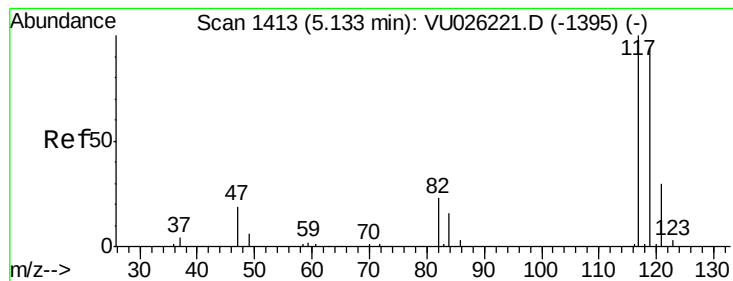


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0





#31

Carbon tetrachloride

Concen: 1.370 ug/L

RT: 4.91 min Scan# 1345

Delta R.T. -0.22 min

Lab File: VU026232.D

Acq: 21 Aug 2018 14:59

Instrument :

MSVOA_U

ClientSampleId :

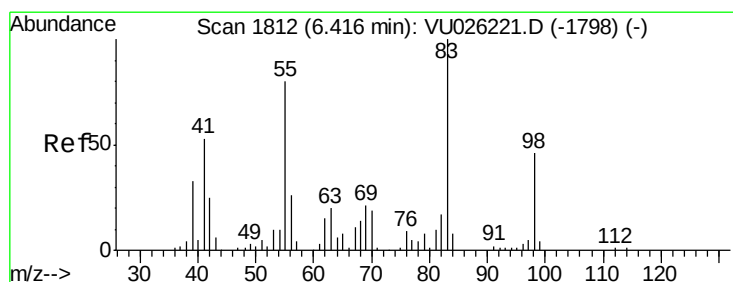
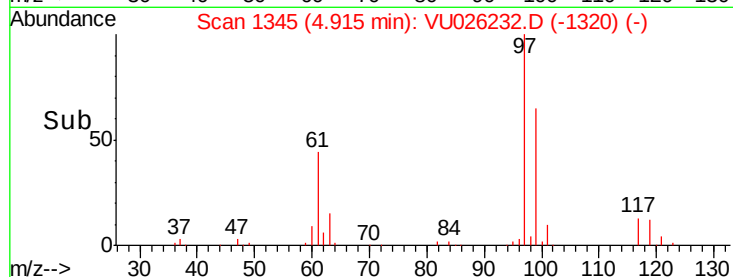
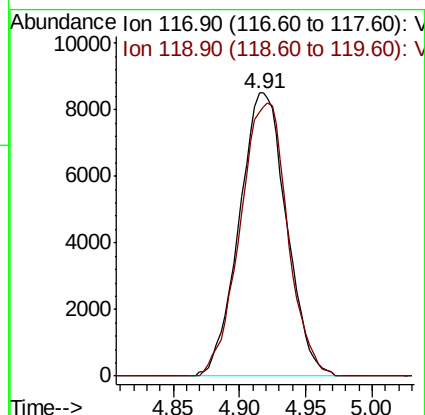
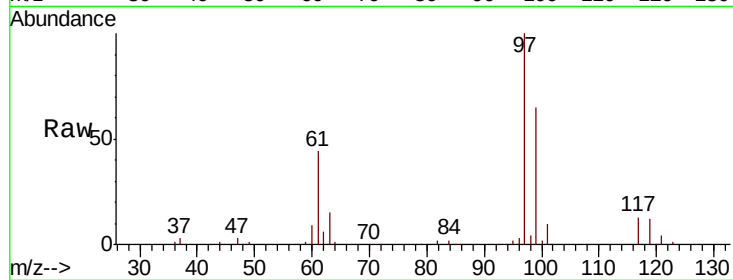
C0320DL

Tgt Ion:117 Resp: 21138

Ion Ratio Lower Upper

117 100

119 96.9 76.6 115.0



#35

Methylcyclohexane

Concen: 0.782 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU026232.D

Acq: 21 Aug 2018 14:59

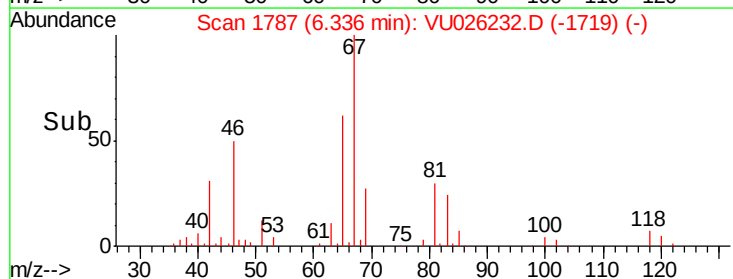
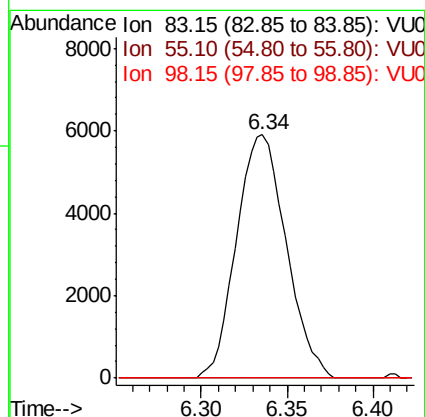
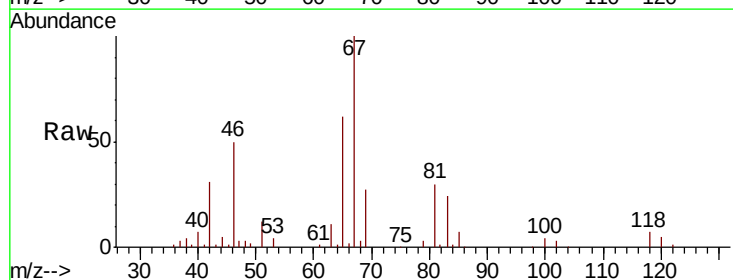
Tgt Ion: 83 Resp: 11868

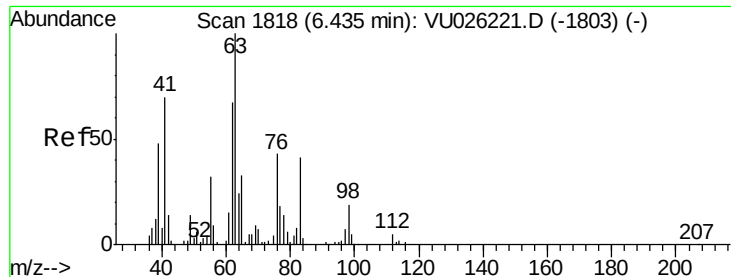
Ion Ratio Lower Upper

83 100

55 0.0 65.0 97.4#

98 0.0 37.8 56.6#

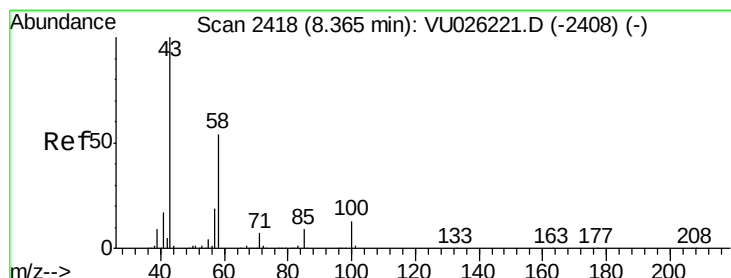
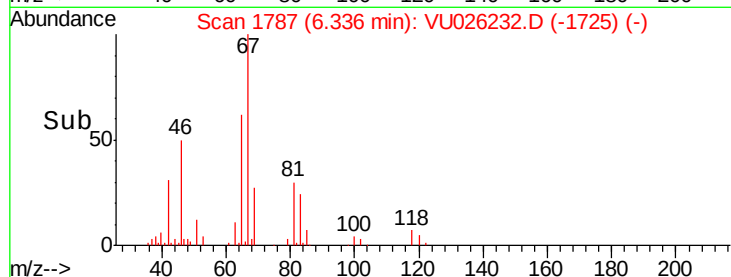
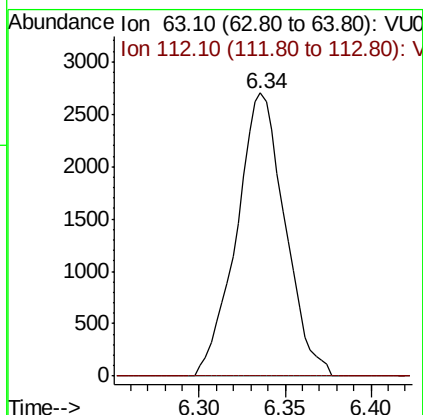
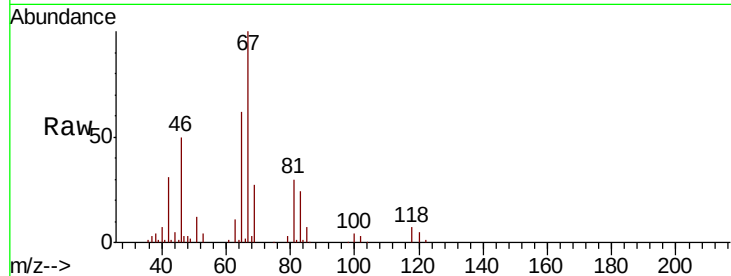




#37
 1,2-Dichloropropane
 Concen: 0.516 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026232.D
 Acq: 21 Aug 2018 14:59

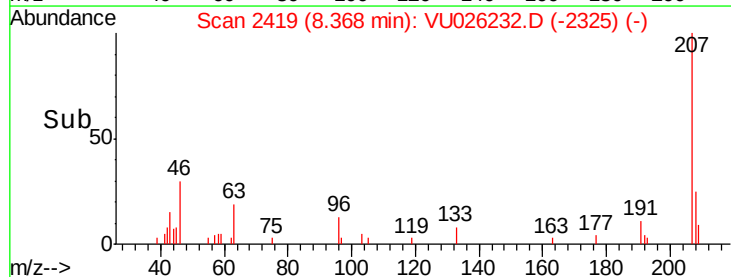
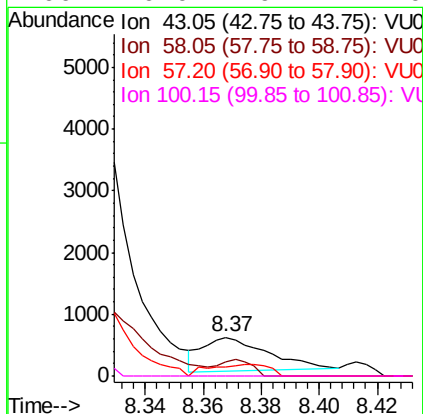
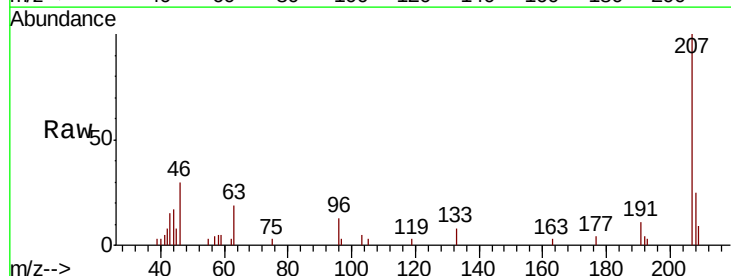
Instrument :
 MSVOA_U
 ClientSampleId :
 C0320DL

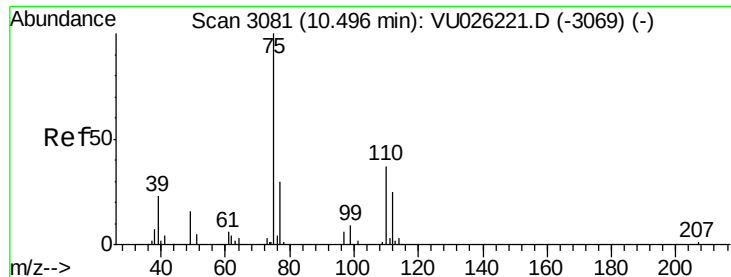
Tgt Ion: 63 Resp: 5281
 Ion Ratio Lower Upper
 63 100
 112 0.0 1.4 2.2#



#48
 2-Hexanone
 Concen: 0.218 ug/L
 RT: 8.37 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: VU026232.D
 Acq: 21 Aug 2018 14:59

Tgt Ion: 43 Resp: 835
 Ion Ratio Lower Upper
 43 100
 58 24.0 43.1 64.7#
 57 31.6 15.4 23.0#
 100 0.0 9.4 14.0#





#59

1,2,3-Trichloropropane

Concen: 1.094 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026232.D

Acq: 21 Aug 2018 14:59

Instrument :

MSVOA_U

ClientSampleId :

C0320DL

Tgt Ion: 75 Resp: 6755

Ion Ratio Lower Upper

75 100

77 36.4 29.0 43.4

