

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082118\
 Data File : VU026229.D
 Acq On : 21 Aug 2018 13:47
 Operator : MD/SY
 Sample : J4515-11DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0335DL

Quant Time: Aug 22 00:25:35 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	129131	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	131196	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	59768	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34269	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.68	69	29607	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.28	63	77457	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.40%
20) 2-Butanone-d5	4.19	46	110288	56.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.28%
24) Chloroform-d	4.65	84	82923	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.31	65	45363	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.35	84	155738	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.33	67	50967	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.57	98	132910	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.85	79	18929	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.32	63	85032	52.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41581	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	56805	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

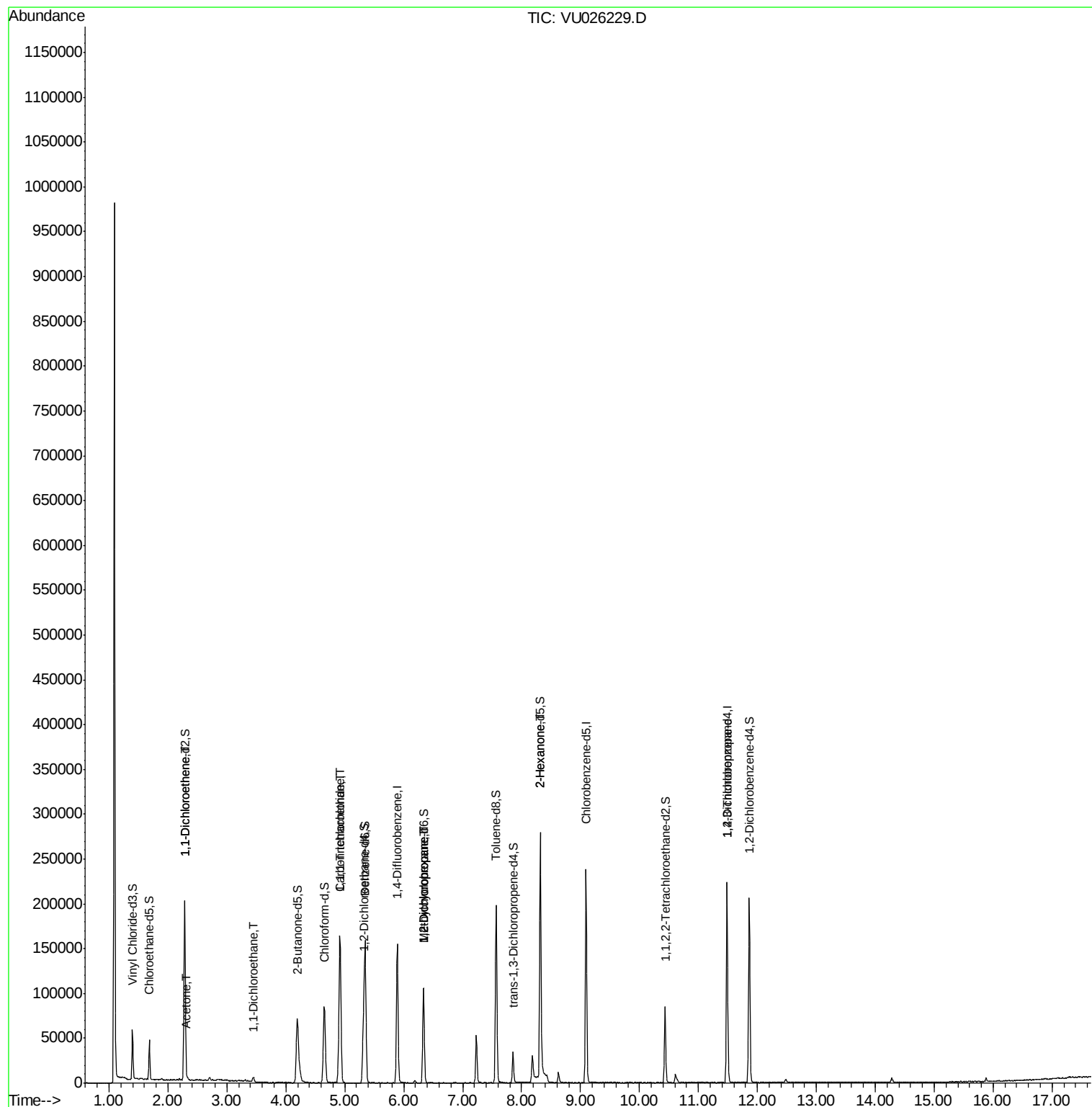
					Qvalue
12) 1,1-Dichloroethene	2.29	96	44068	5.871 ug/L	94
13) Acetone	2.32	43	1064	0.825 ug/L	49
19) 1,1-Dichloroethane	3.45	63	6631	0.427 ug/L	94
29) 1,1,1-Trichloroethane	4.92	97	128820	7.581 ug/L	100
31) Carbon tetrachloride	4.92	117	16820	1.088 ug/L	98
35) Methylcyclohexane	6.33	83	12094	0.796 ug/L #	16
37) 1,2-Dichloropropane	6.34	63	5925	0.578 ug/L #	97
48) 2-Hexanone	8.32	43	11002	2.864 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	7016	1.134 ug/L	100

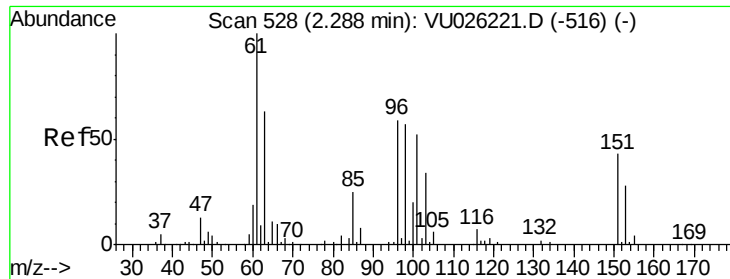
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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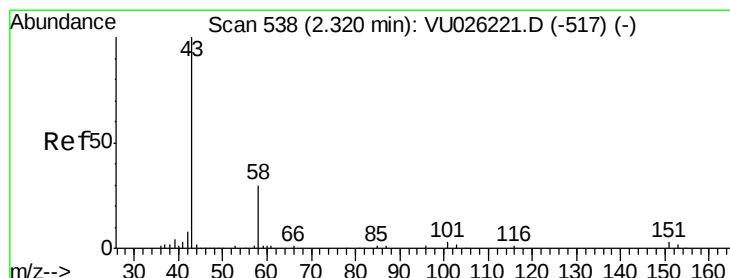
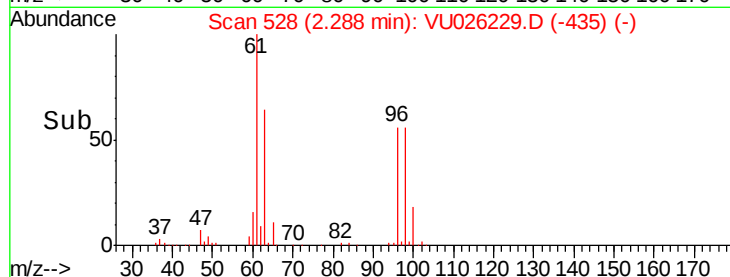
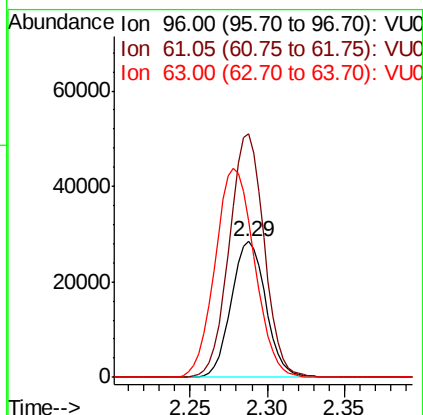
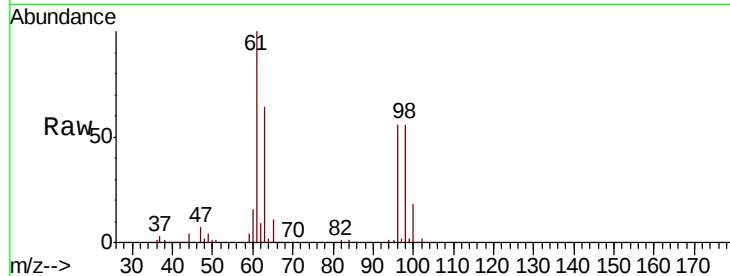




#12
 1,1-Dichloroethene
 Concen: 5.871 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU026229.D
 Acq: 21 Aug 2018 13:47

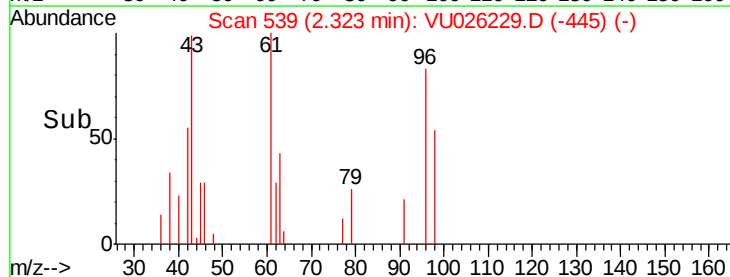
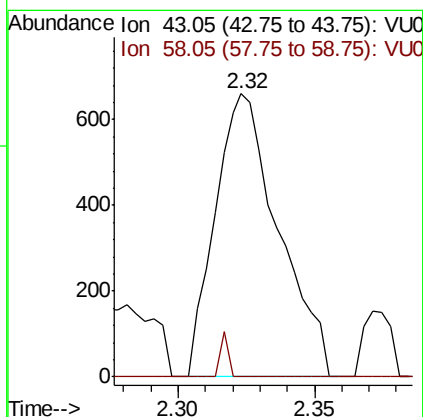
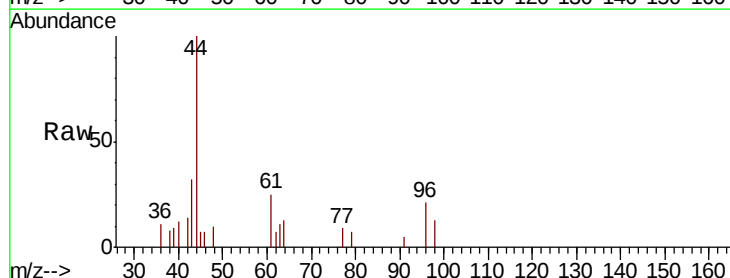
Instrument :
 MSVOA_U
 ClientSampleID :
 C0335DL

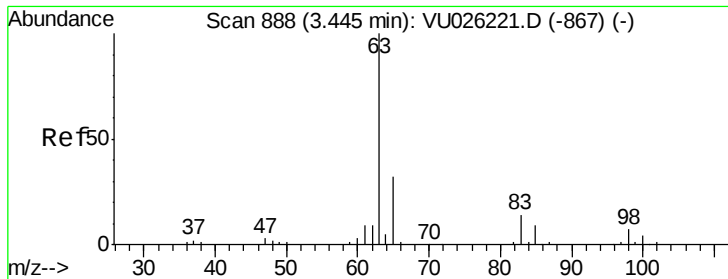
Tgt Ion: 96 Resp: 44068
 Ion Ratio Lower Upper
 96 100
 61 179.3 125.3 232.7
 63 114.9 90.9 168.9



#13
 Acetone
 Concen: 0.825 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU026229.D
 Acq: 21 Aug 2018 13:47

Tgt Ion: 43 Resp: 1064
 Ion Ratio Lower Upper
 43 100
 58 1.9 0.0 59.0

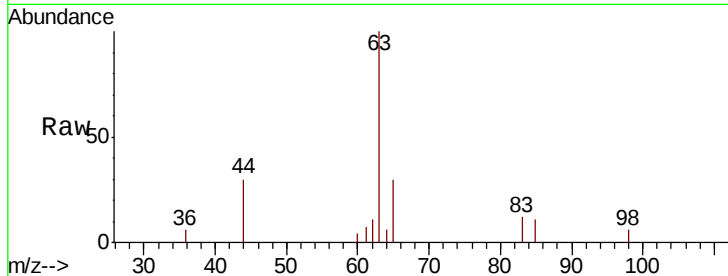




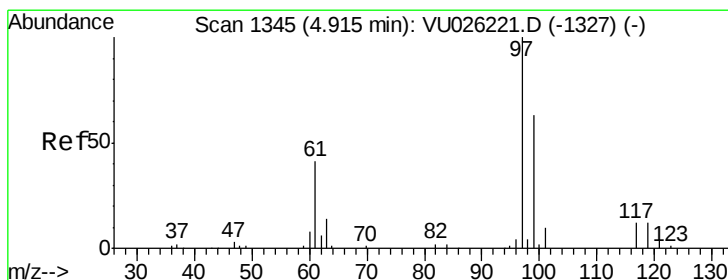
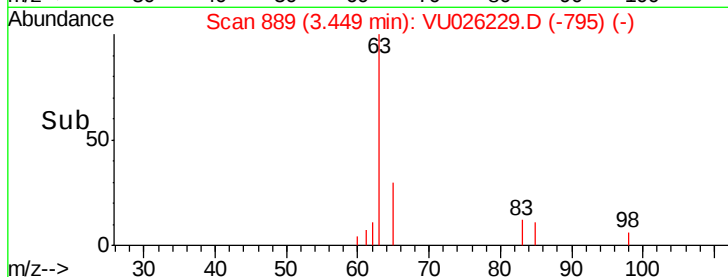
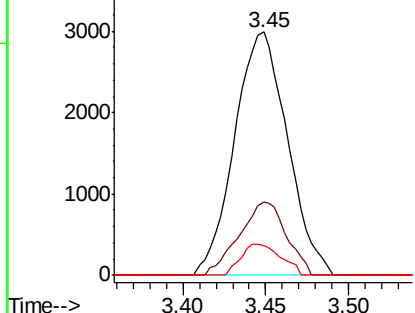
#19
 1,1-Dichloroethane
 Concen: 0.427 ug/L
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU026229.D
 Acq: 21 Aug 2018 13:47

Instrument :
 MSVOA_U
 ClientSampleId :
 C0335DL

Tgt Ion: 63 Resp: 6631
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.2 43.0
 83 12.1 10.1 18.9

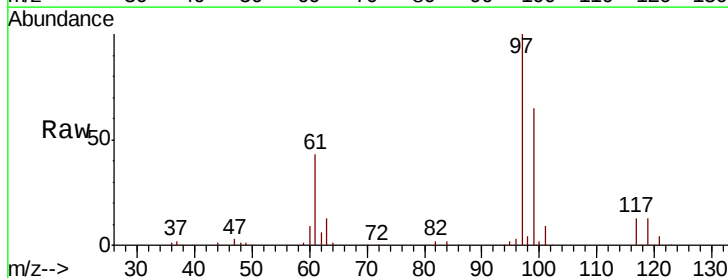


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

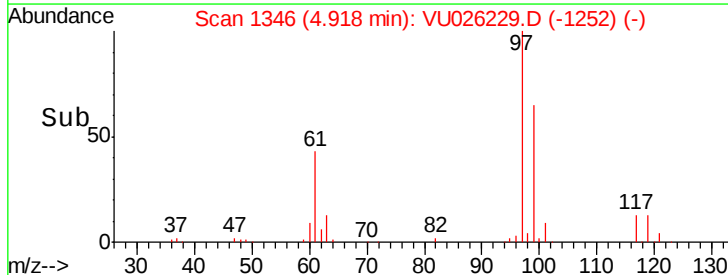
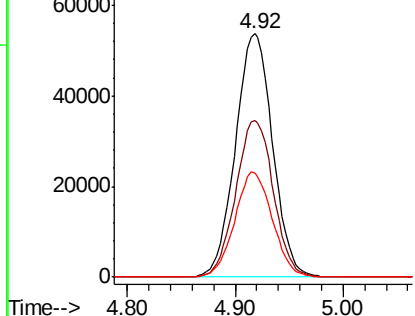


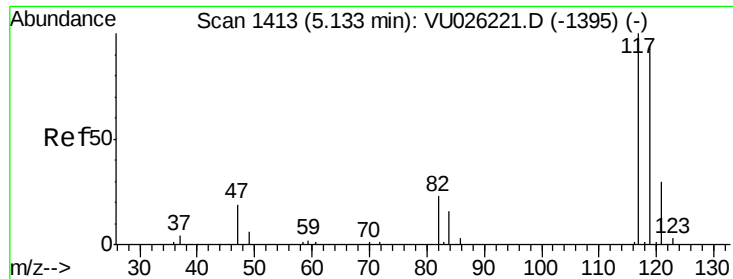
#29
 1,1,1-Trichloroethane
 Concen: 7.581 ug/L
 RT: 4.92 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VU026229.D
 Acq: 21 Aug 2018 13:47

Tgt Ion: 97 Resp: 128820
 Ion Ratio Lower Upper
 97 100
 99 65.2 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

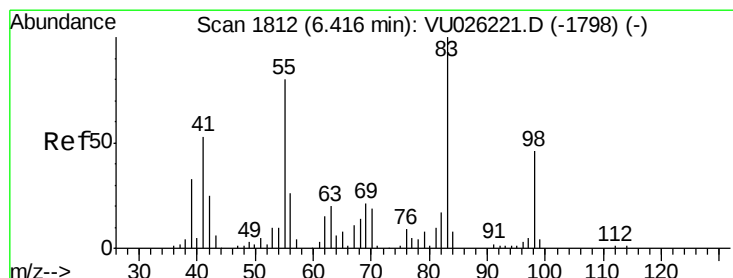
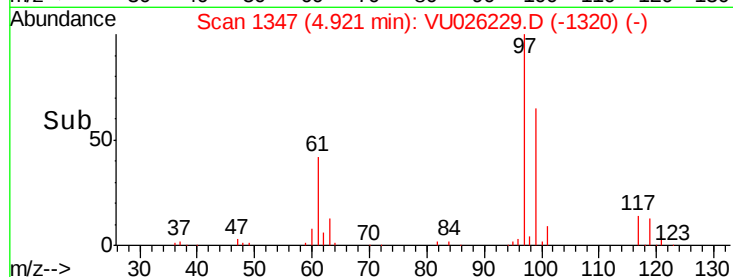
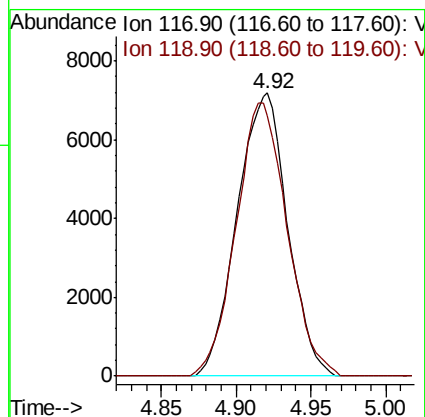
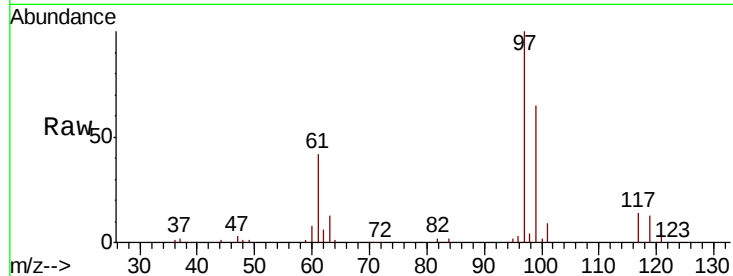




#31
Carbon tetrachloride
Concen: 1.088 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. -0.21 min
Lab File: VU026229.D
Acq: 21 Aug 2018 13:47

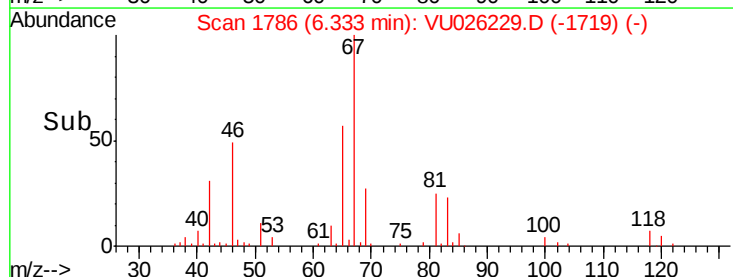
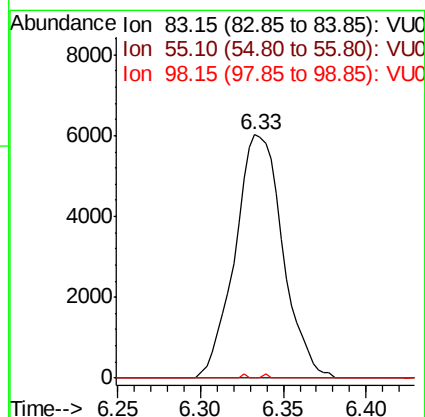
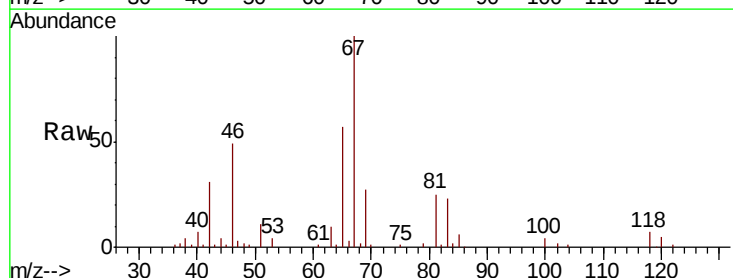
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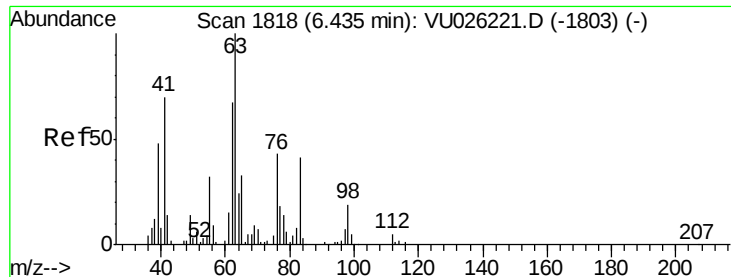
Tgt Ion: 117 Resp: 16820
Ion Ratio Lower Upper
117 100
119 97.8 76.6 115.0



#35
Methylcyclohexane
Concen: 0.796 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026229.D
Acq: 21 Aug 2018 13:47

Tgt Ion: 83 Resp: 12094
Ion Ratio Lower Upper
83 100
55 0.0 65.0 97.4#
98 0.2 37.8 56.6#

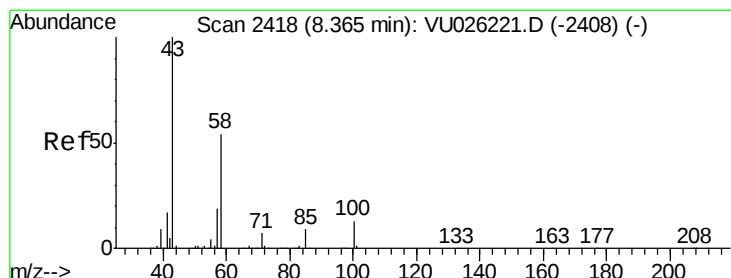
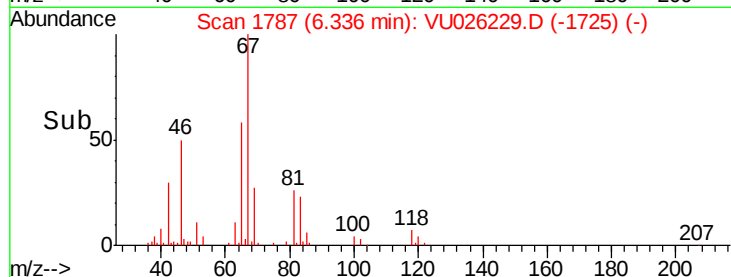
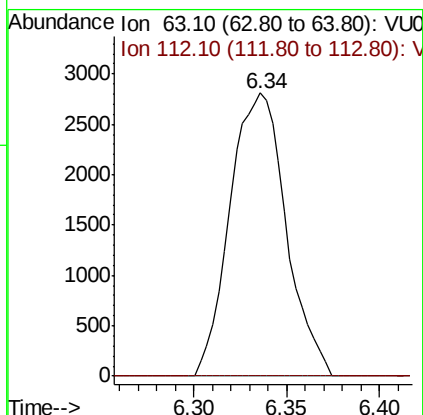
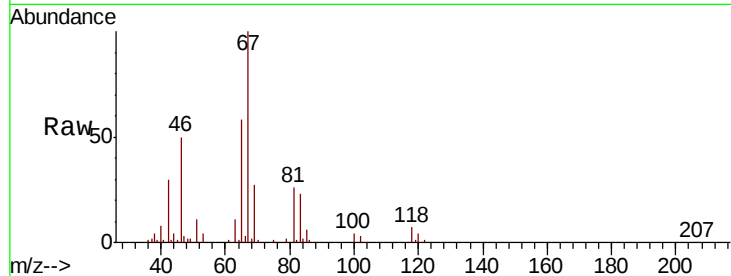




#37
 1,2-Dichloropropane
 Concen: 0.578 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026229.D
 Acq: 21 Aug 2018 13:47

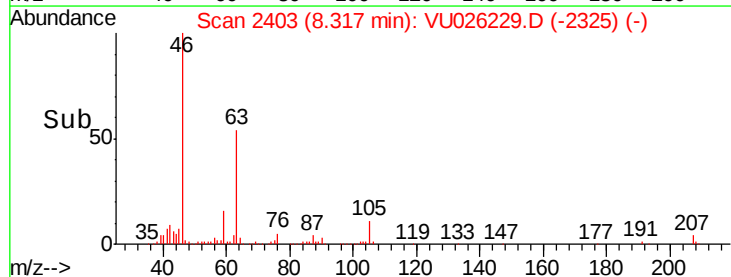
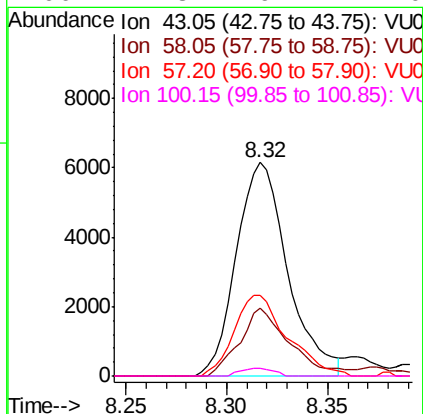
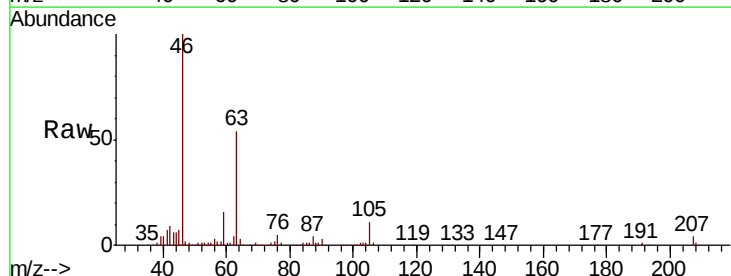
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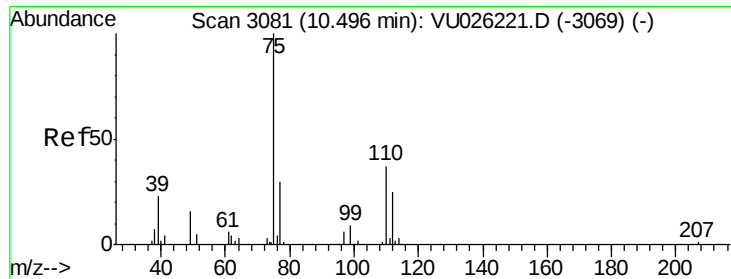
Tgt Ion: 63 Resp: 5925
 Ion Ratio Lower Upper
 63 100
 112 0.7 1.4 2.2#



#48
 2-Hexanone
 Concen: 2.864 ug/L
 RT: 8.32 min Scan# 2403
 Delta R.T. -0.05 min
 Lab File: VU026229.D
 Acq: 21 Aug 2018 13:47

Tgt Ion: 43 Resp: 11002
 Ion Ratio Lower Upper
 43 100
 58 30.9 43.1 64.7#
 57 38.9 15.4 23.0#
 100 2.3 9.4 14.0#





#59

1,2,3-Trichloropropane

Concen: 1.134 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026229.D

Acq: 21 Aug 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

C0335DL

Tgt Ion: 75 Resp: 7016

Ion Ratio Lower Upper

75 100

77 36.1 29.0 43.4

