

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082118\
 Data File : VU026231.D
 Acq On : 21 Aug 2018 14:35
 Operator : MD/SY
 Sample : J4488-12DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0307DL

Quant Time: Aug 22 00:25:48 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	132456	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	133779	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	60859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	32710	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.68	69	30291	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.28	63	73415	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.20%
20) 2-Butanone-d5	4.19	46	109248	54.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.38%
24) Chloroform-d	4.65	84	79662	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.31	65	43817	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.34	84	147206	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.33	67	49293	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.57	98	127268	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.85	79	18562	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.32	63	85234	51.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.28%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	40688	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	52973	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

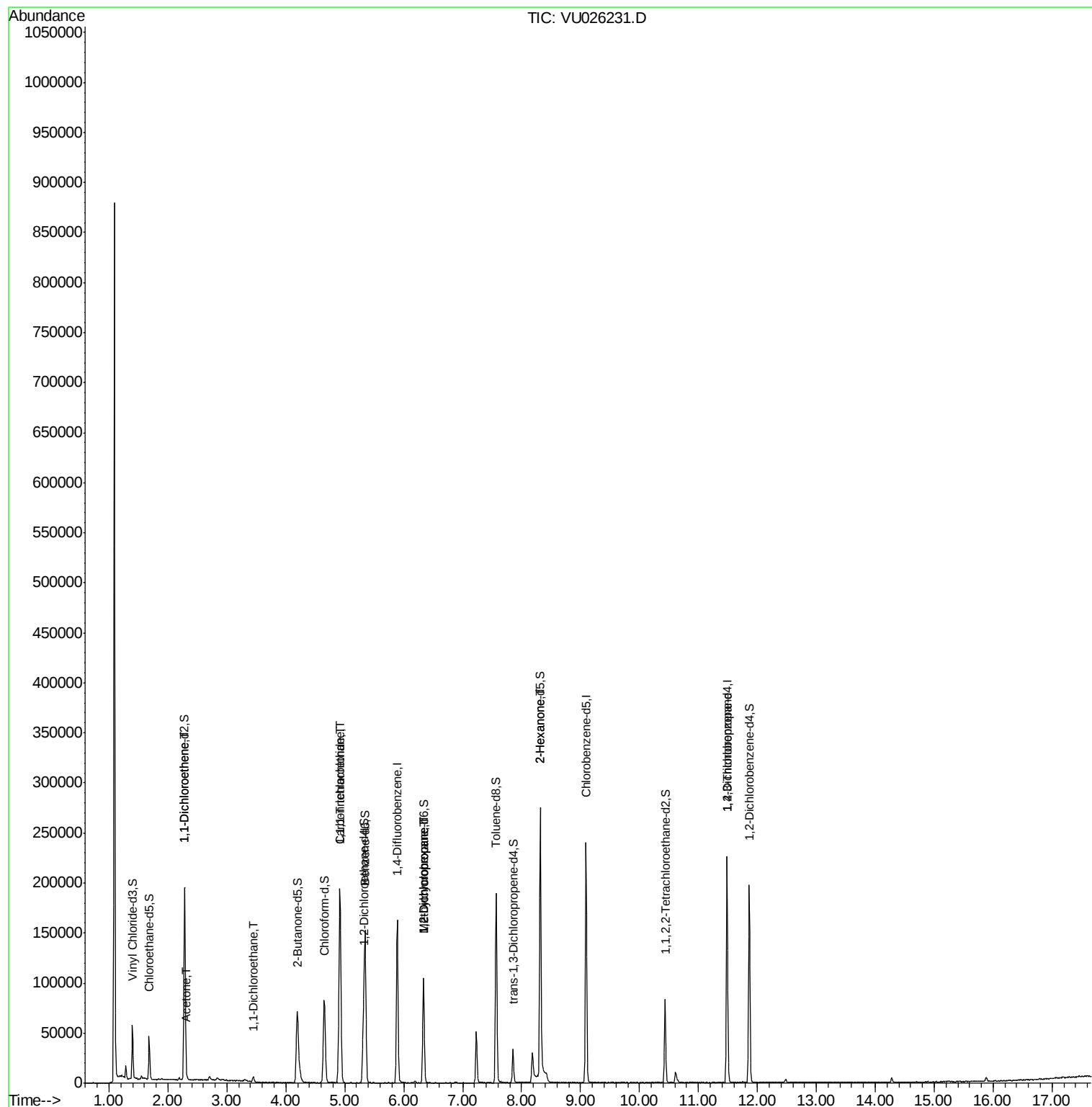
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.29	96	42285	5.492	ug/L	89
13) Acetone	2.32	43	1078	0.815	ug/L	77
19) 1,1-Dichloroethane	3.45	63	5914	0.371	ug/L	96
29) 1,1,1-Trichloroethane	4.92	97	152036	8.774	ug/L	98
31) Carbon tetrachloride	4.92	117	19507	1.238	ug/L	96
35) Methylcyclohexane	6.34	83	11591	0.748	ug/L #	17
37) 1,2-Dichloropropane	6.34	63	5649	0.541	ug/L #	97
48) 2-Hexanone	8.32	43	11307	2.887	ug/L #	68
59) 1,2,3-Trichloropropane	11.49	75	7154	1.134	ug/L	98

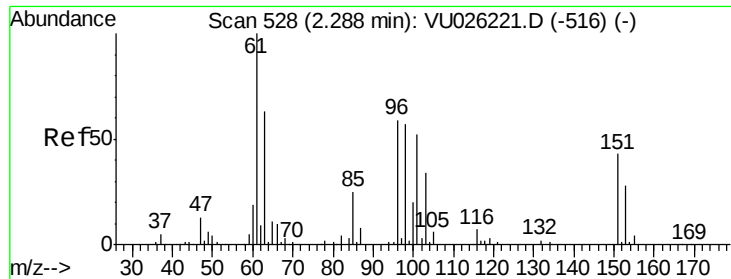
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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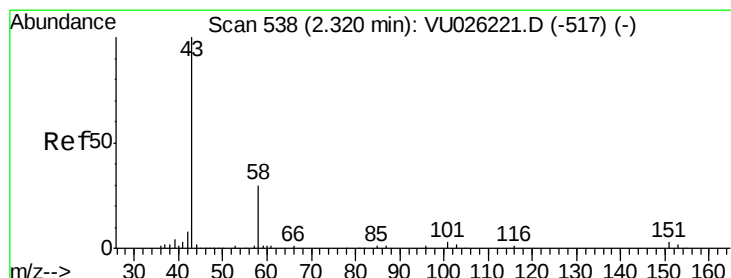
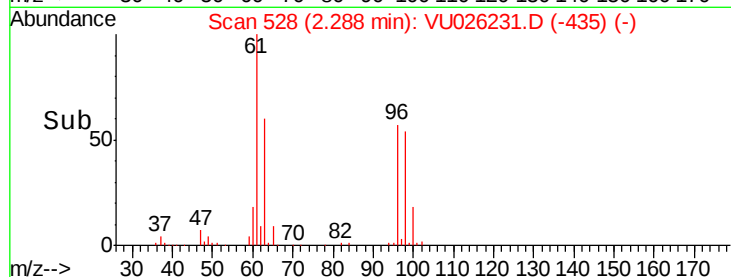
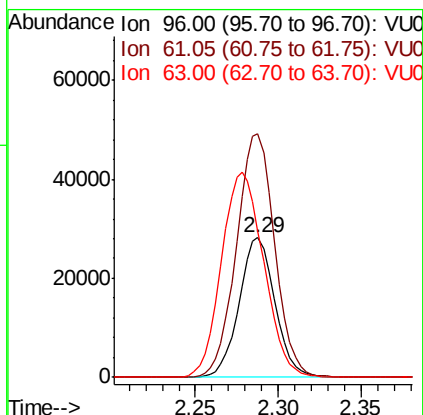
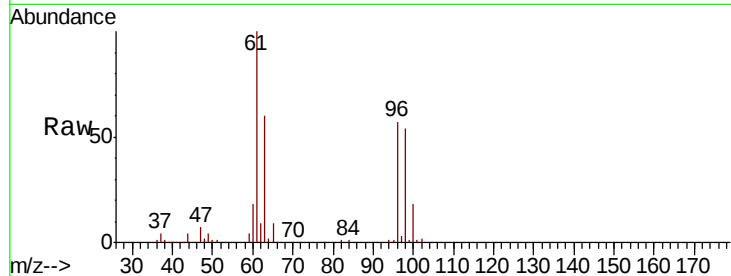




#12
 1,1-Dichloroethene
 Concen: 5.492 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU026231.D
 Acq: 21 Aug 2018 14:35

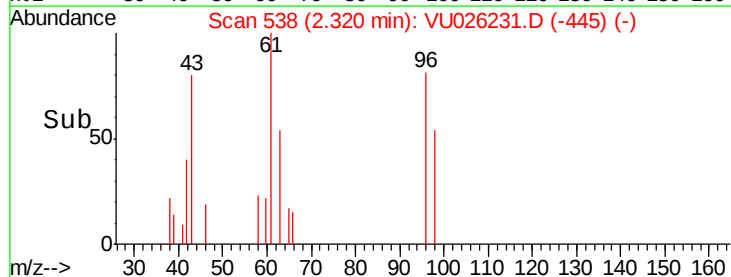
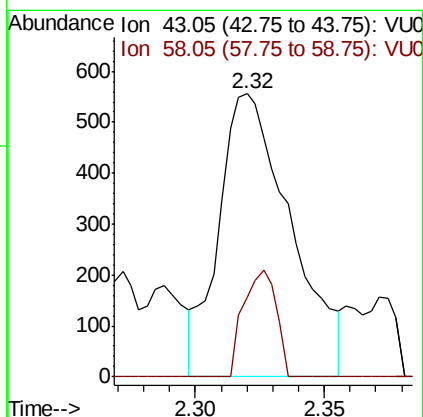
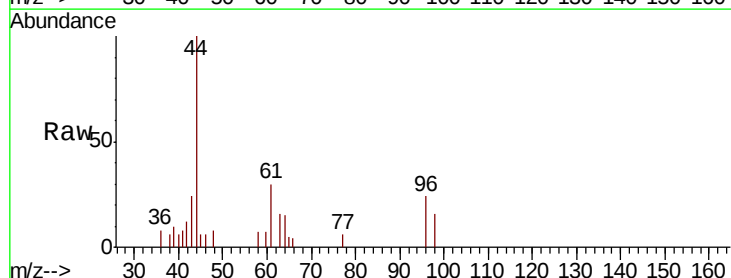
Instrument :
 MSVOA_U
 ClientSampleID :
 C0307DL

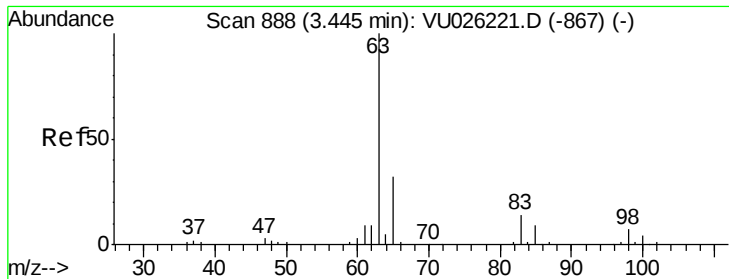
Tgt Ion: 96 Resp: 42285
 Ion Ratio Lower Upper
 96 100
 61 174.6 125.3 232.7
 63 105.2 90.9 168.9



#13
 Acetone
 Concen: 0.815 ug/L
 RT: 2.32 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: VU026231.D
 Acq: 21 Aug 2018 14:35

Tgt Ion: 43 Resp: 1078
 Ion Ratio Lower Upper
 43 100
 58 17.3 0.0 59.0

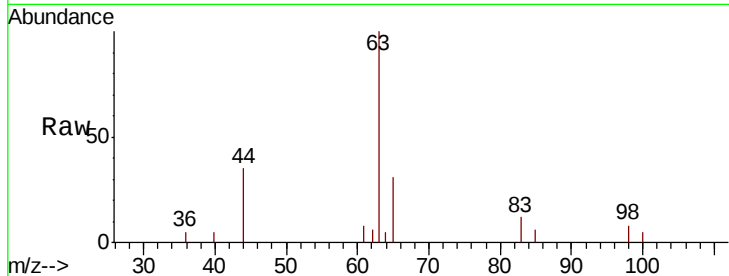




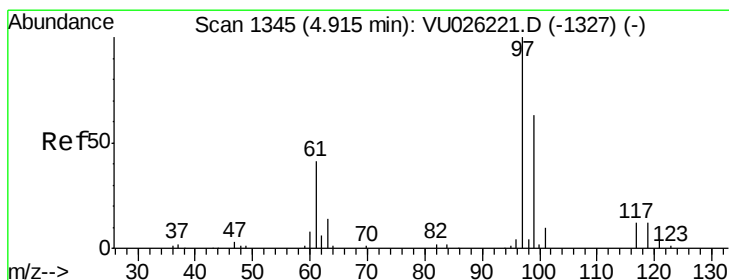
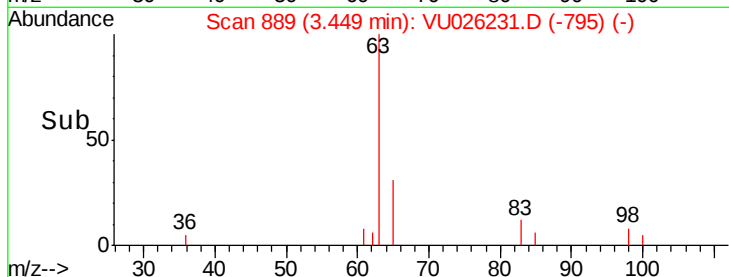
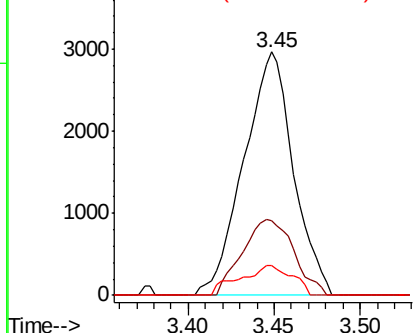
#19
 1,1-Dichloroethane
 Concen: 0.371 ug/L
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU026231.D
 Acq: 21 Aug 2018 14:35

Instrument :
 MSVOA_U
 ClientSampleId :
 C0307DL

Tgt Ion: 63 Resp: 5914
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.2 43.0
 83 12.4 10.1 18.9

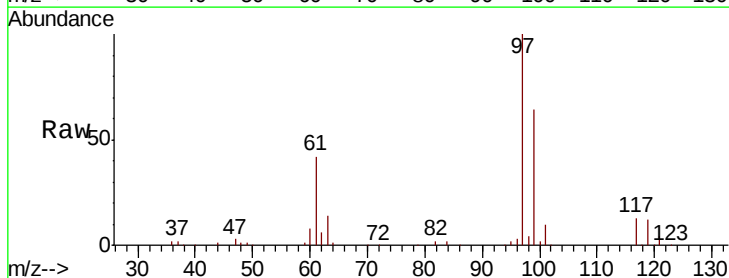


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

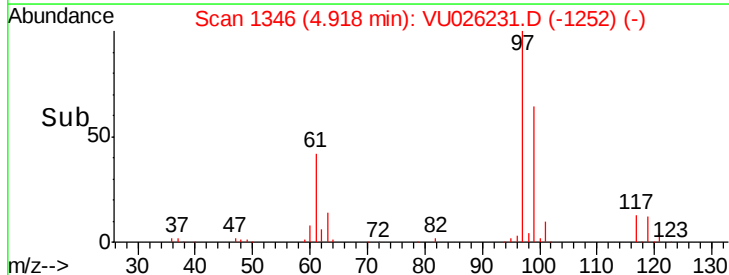
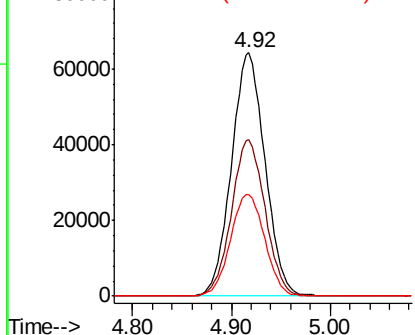


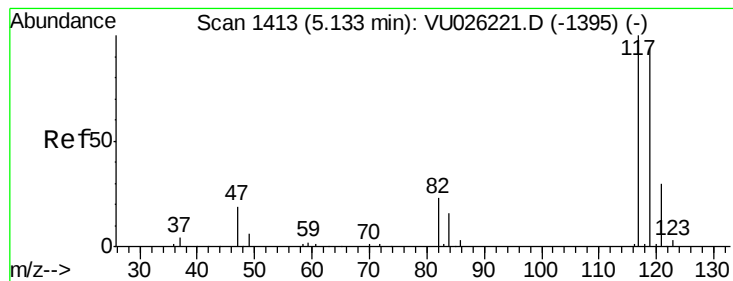
#29
 1,1,1-Trichloroethane
 Concen: 8.774 ug/L
 RT: 4.92 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VU026231.D
 Acq: 21 Aug 2018 14:35

Tgt Ion: 97 Resp: 152036
 Ion Ratio Lower Upper
 97 100
 99 64.2 52.3 78.5
 61 42.7 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: 1.238 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. -0.22 min

Lab File: VU026231.D

Acq: 21 Aug 2018 14:35

Instrument :

MSVOA_U

ClientSampleId :

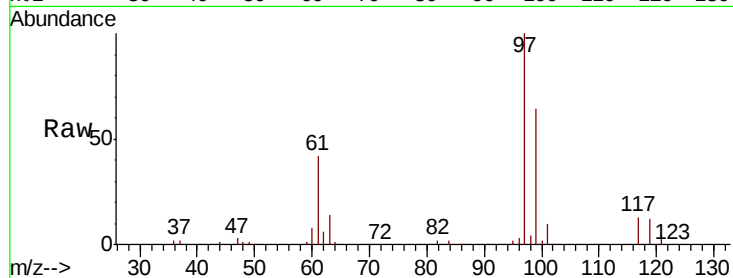
C0307DL

Tgt Ion: 117 Resp: 19507

Ion Ratio Lower Upper

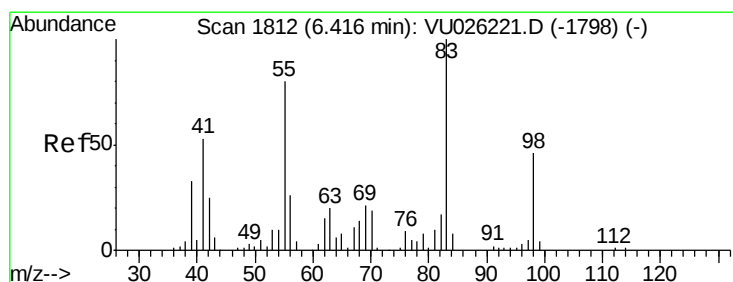
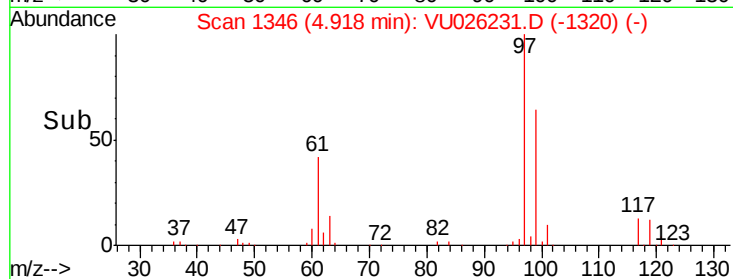
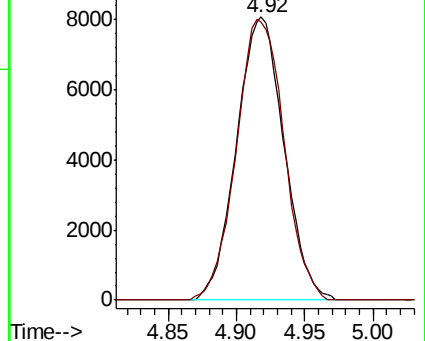
117 100

119 99.6 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: 0.748 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU026231.D

Acq: 21 Aug 2018 14:35

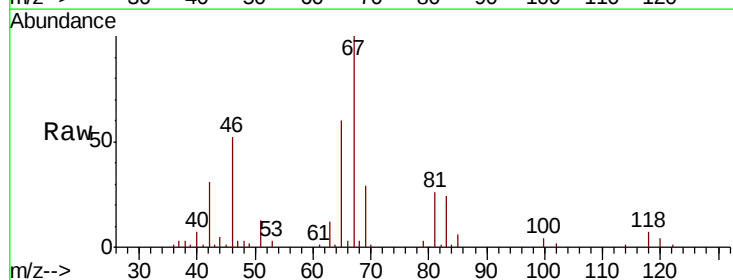
Tgt Ion: 83 Resp: 11591

Ion Ratio Lower Upper

83 100

55 0.0 65.0 97.4#

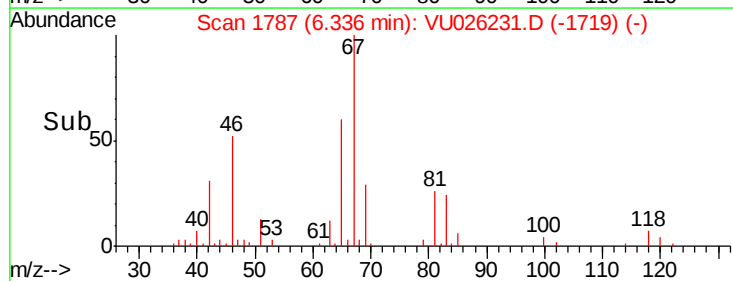
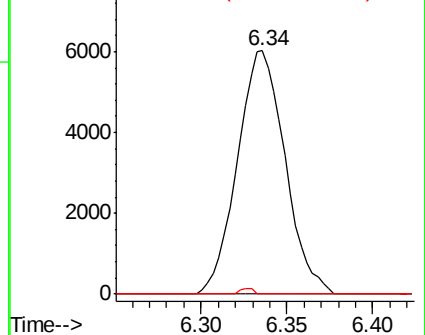
98 0.6 37.8 56.6#

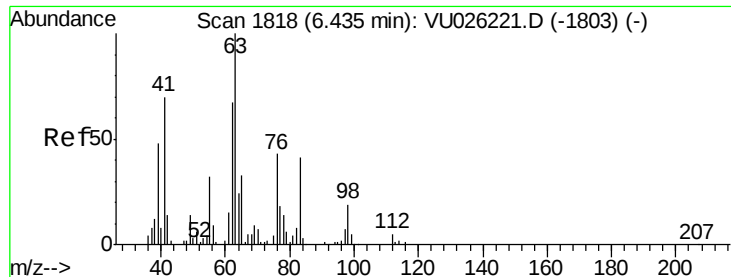


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

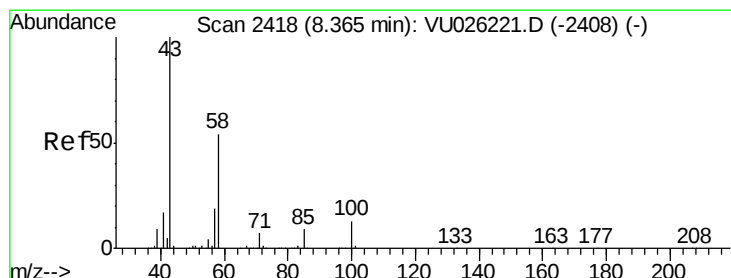
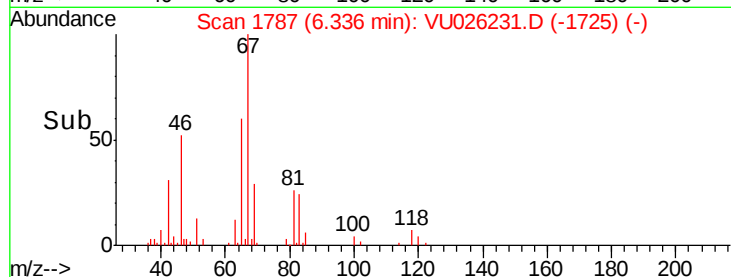
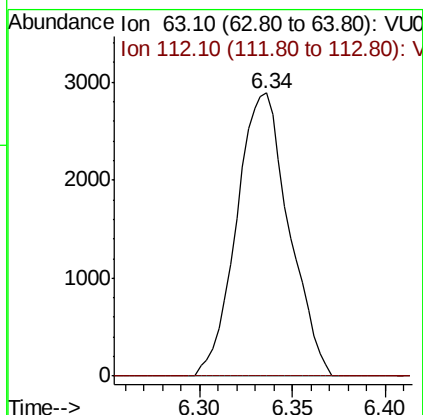
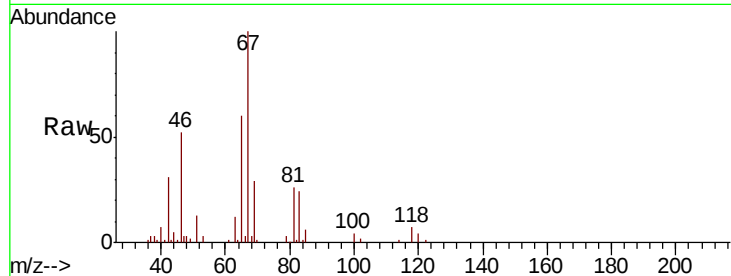




#37
 1,2-Dichloropropane
 Concen: 0.541 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026231.D
 Acq: 21 Aug 2018 14:35

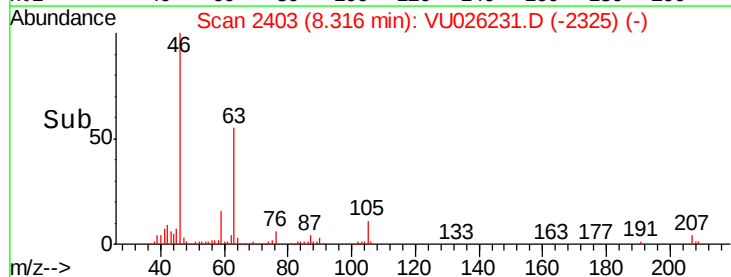
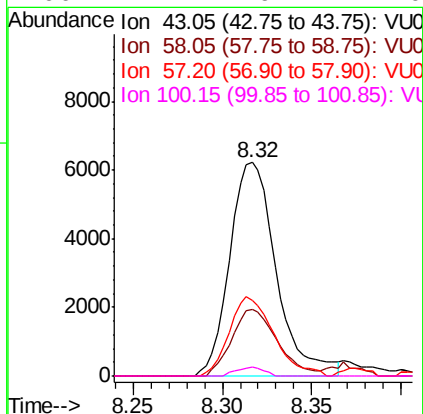
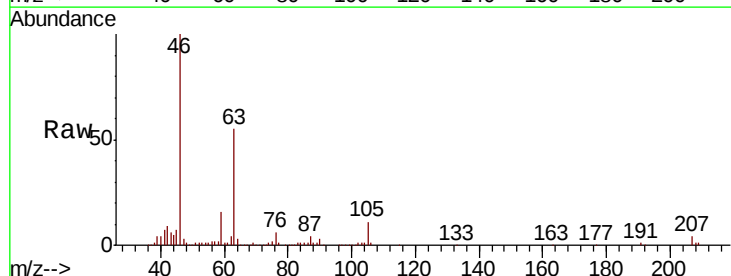
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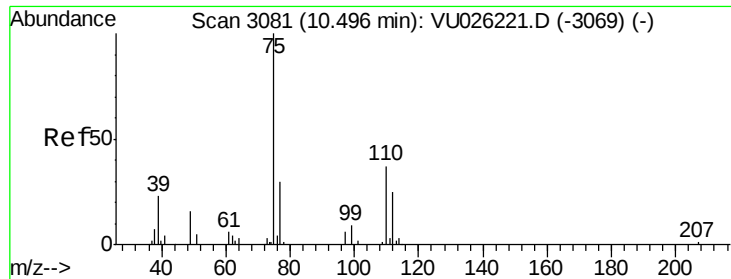
Tgt Ion: 63 Resp: 5649
 Ion Ratio Lower Upper
 63 100
 112 0.8 1.4 2.2#



#48
 2-Hexanone
 Concen: 2.887 ug/L
 RT: 8.32 min Scan# 2403
 Delta R.T. -0.05 min
 Lab File: VU026231.D
 Acq: 21 Aug 2018 14:35

Tgt Ion: 43 Resp: 11307
 Ion Ratio Lower Upper
 43 100
 58 30.5 43.1 64.7#
 57 35.3 15.4 23.0#
 100 2.4 9.4 14.0#





#59
 1,2,3-Trichloropropane
 Concen: 1.134 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026231.D
 Acq: 21 Aug 2018 14:35

Instrument :
 MSVOA_U
 ClientSampleId :
 C0307DL

Tgt Ion: 75 Resp: 7154
 Ion Ratio Lower Upper
 75 100
 77 35.0 29.0 43.4

