

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082118\
 Data File : VU026234.D
 Acq On : 21 Aug 2018 15:47
 Operator : MD/SY
 Sample : J4488-18DL 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0361DL

Quant Time: Aug 22 00:26:06 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	124235	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	129478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	57121	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	32966	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.68	69	27671	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.28	63	74487	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.40%
20) 2-Butanone-d5	4.19	46	108580	57.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.92%
24) Chloroform-d	4.65	84	81223	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.31	65	44220	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.34	84	145259	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.34	67	48758	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.57	98	124931	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	17603	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.32	63	82645	51.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.48%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	40686	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	52285	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

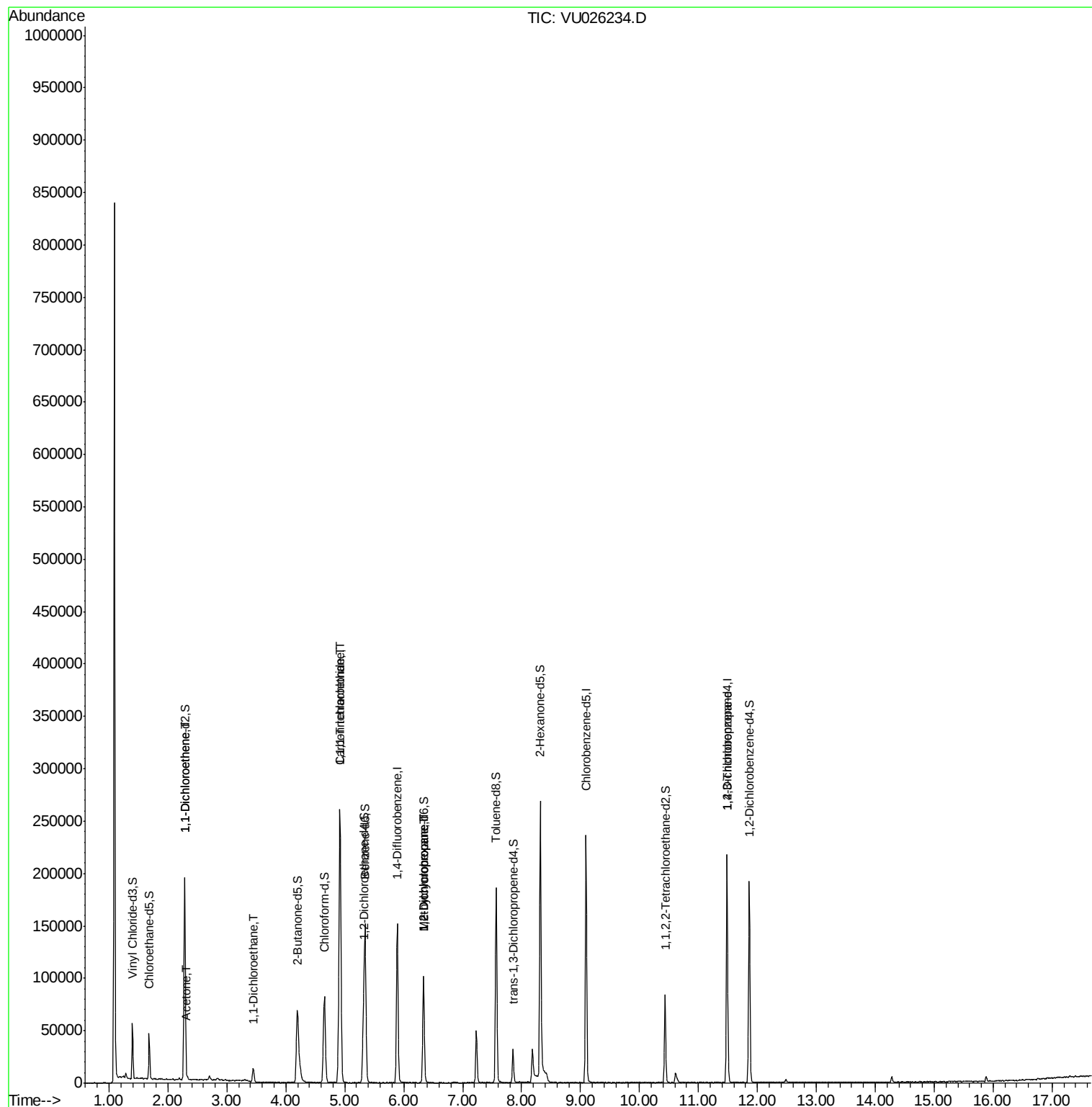
					Qvalue
12) 1,1-Dichloroethene	2.29	96	42696	5.912 ug/L	92
13) Acetone	2.32	43	1319	1.063 ug/L	86
19) 1,1-Dichloroethane	3.45	63	13920	0.932 ug/L	95
29) 1,1,1-Trichloroethane	4.92	97	203786	12.151 ug/L	100
31) Carbon tetrachloride	4.92	117	27229	1.785 ug/L	97
35) Methylcyclohexane	6.34	83	12059	0.804 ug/L #	16
37) 1,2-Dichloropropane	6.33	63	5468	0.541 ug/L #	95
59) 1,2,3-Trichloropropane	11.49	75	6622	1.084 ug/L	91

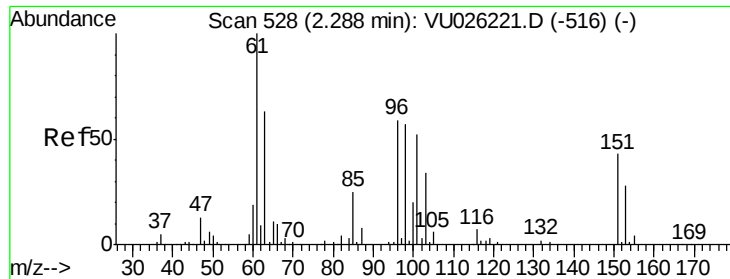
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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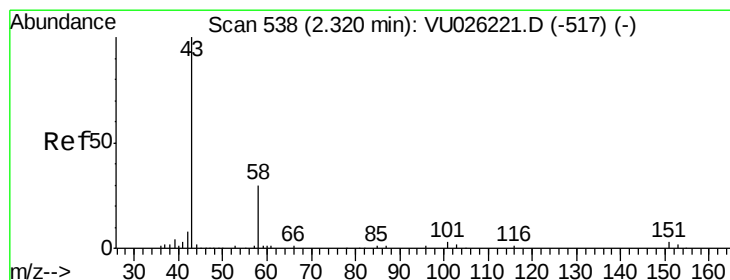
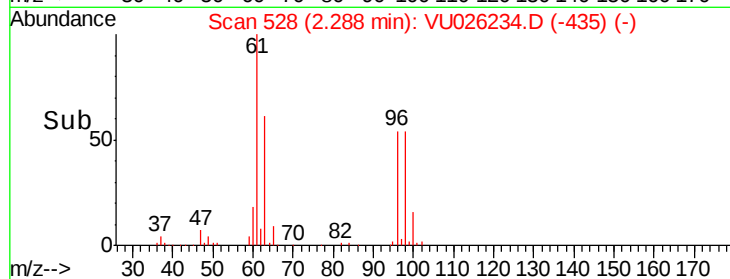
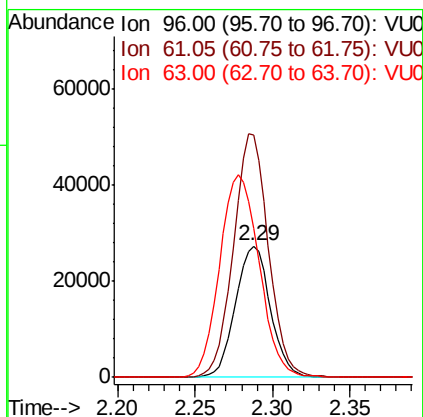
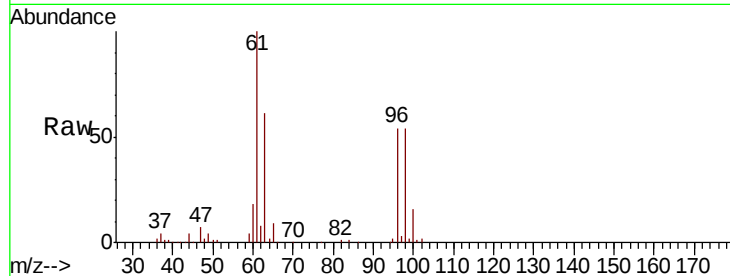




#12
 1,1-Dichloroethene
 Concen: 5.912 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU026234.D
 Acq: 21 Aug 2018 15:47

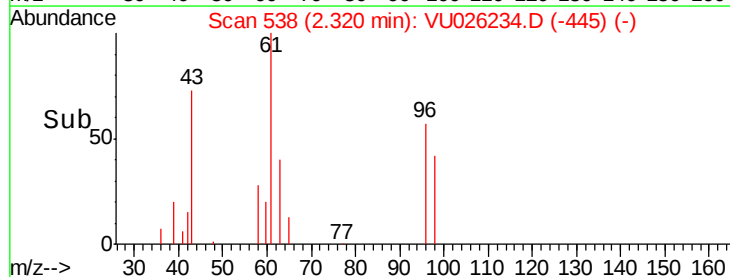
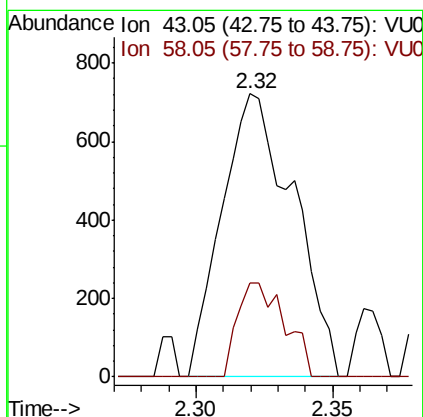
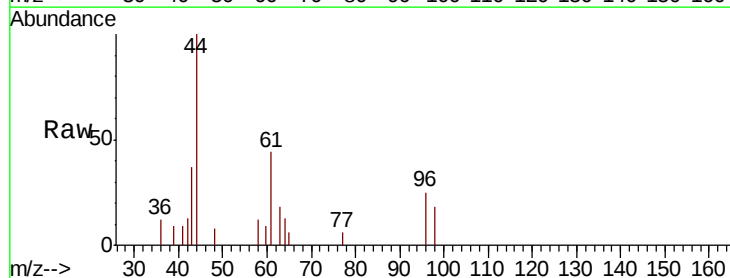
Instrument :
 MSVOA_U
 ClientSampleID :
 C0361DL

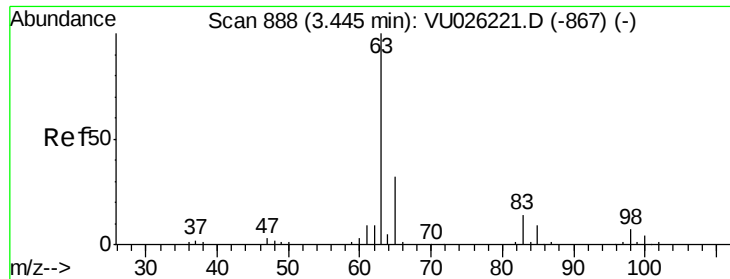
Tgt Ion	Resp	Lower	Upper
96	42696		
61	184.4	125.3	232.7
63	112.7	90.9	168.9



#13
 Acetone
 Concen: 1.063 ug/L
 RT: 2.32 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: VU026234.D
 Acq: 21 Aug 2018 15:47

Tgt Ion	Resp	Lower	Upper
43	1319		
58	22.0	0.0	59.0

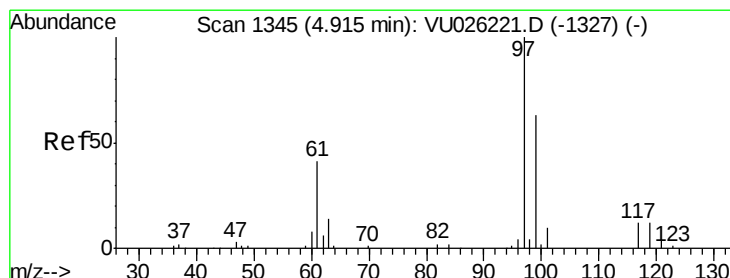
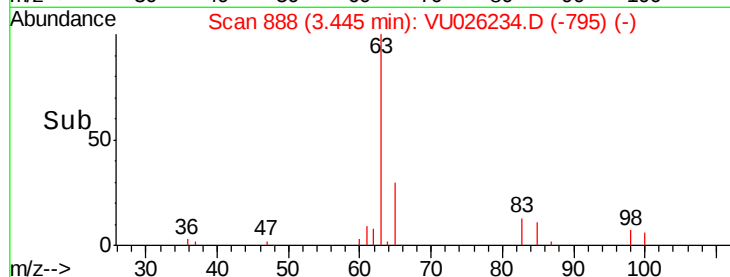
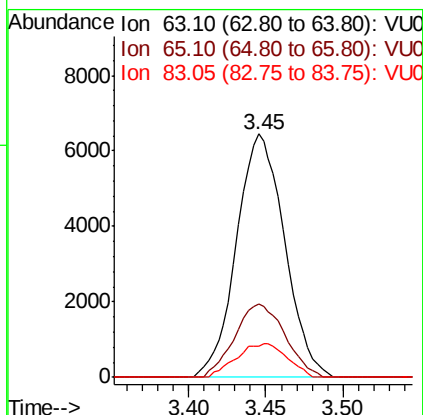
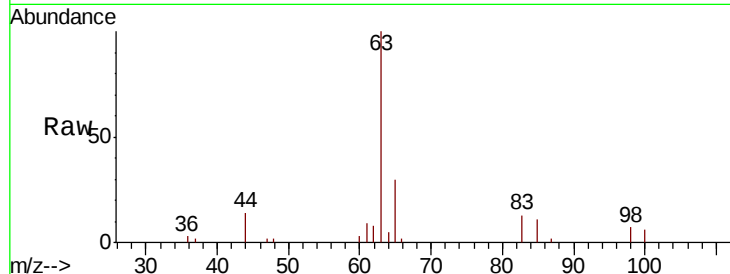




#19
 1,1-Dichloroethane
 Concen: 0.932 ug/L
 RT: 3.45 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VU026234.D
 Acq: 21 Aug 2018 15:47

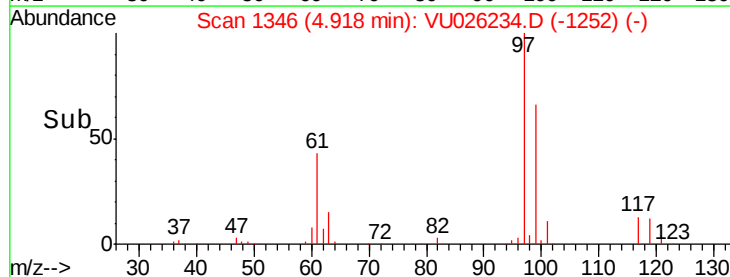
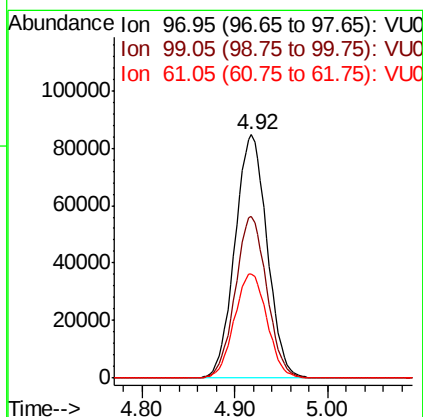
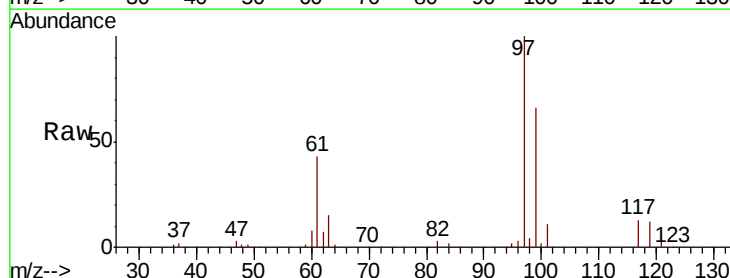
Instrument :
 MSVOA_U
 ClientSampleId :
 C0361DL

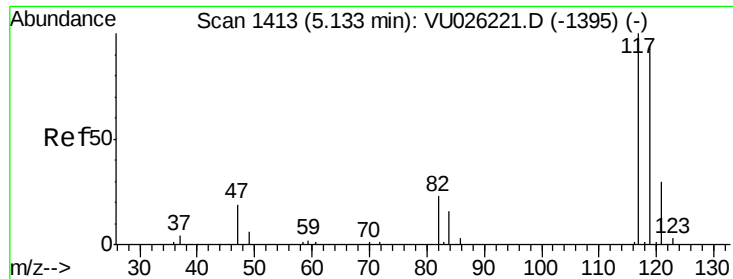
Tgt Ion: 63 Resp: 13920
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.2 43.0
 83 12.8 10.1 18.9



#29
 1,1,1-Trichloroethane
 Concen: 12.151 ug/L
 RT: 4.92 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VU026234.D
 Acq: 21 Aug 2018 15:47

Tgt Ion: 97 Resp: 203786
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.3 78.5
 61 43.6 35.0 52.6





#31

Carbon tetrachloride

Concen: 1.785 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. -0.22 min

Lab File: VU026234.D

Acq: 21 Aug 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

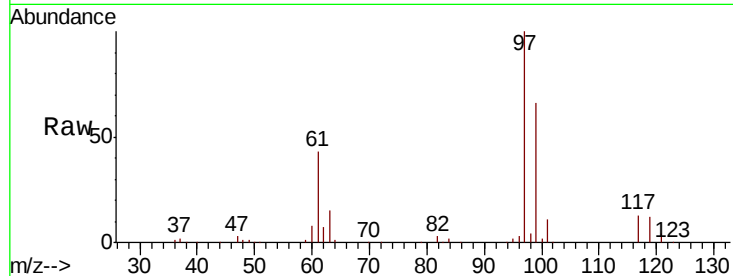
C0361DL

Tgt Ion: 117 Resp: 27229

Ion Ratio Lower Upper

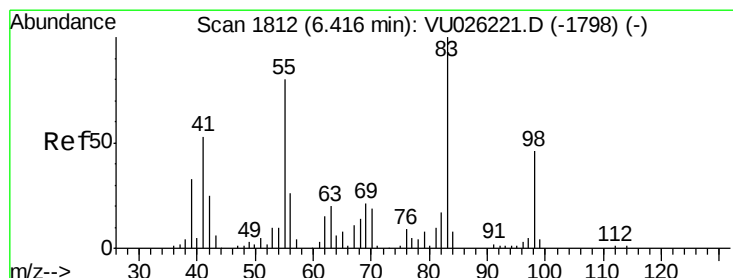
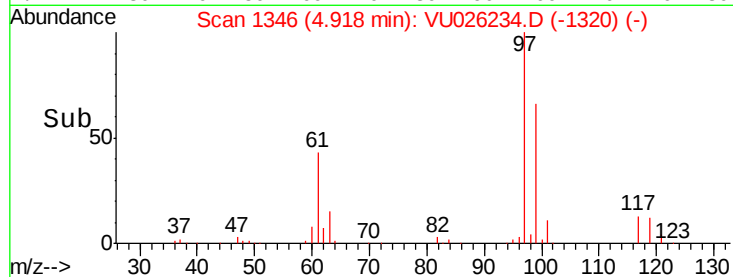
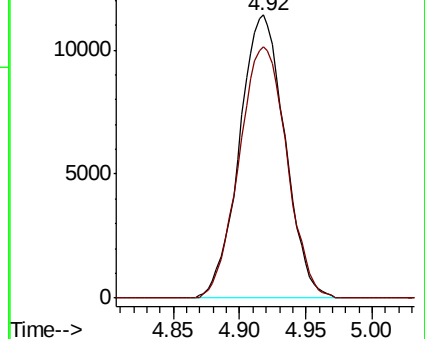
117 100

119 93.0 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: 0.804 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU026234.D

Acq: 21 Aug 2018 15:47

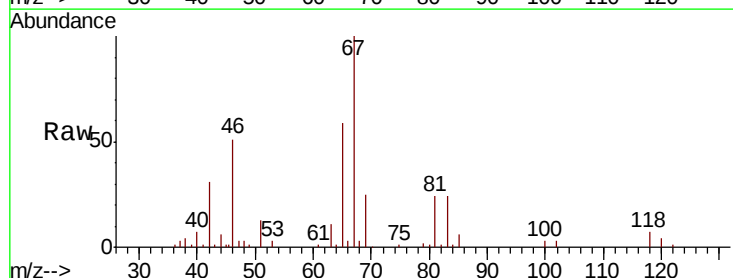
Tgt Ion: 83 Resp: 12059

Ion Ratio Lower Upper

83 100

55 0.0 65.0 97.4#

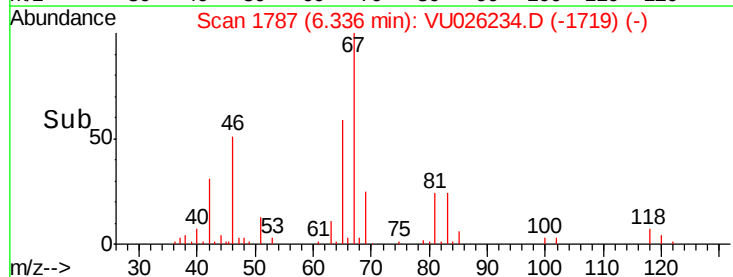
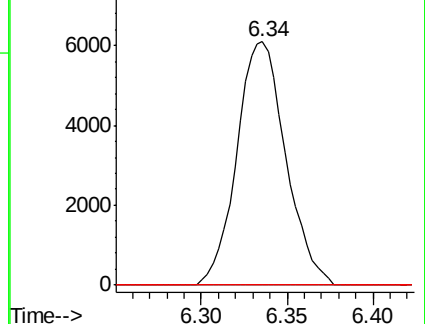
98 0.0 37.8 56.6#

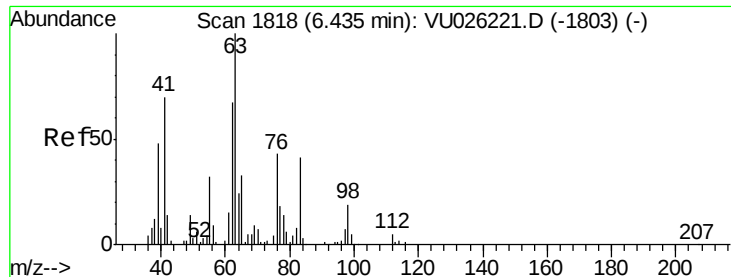


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

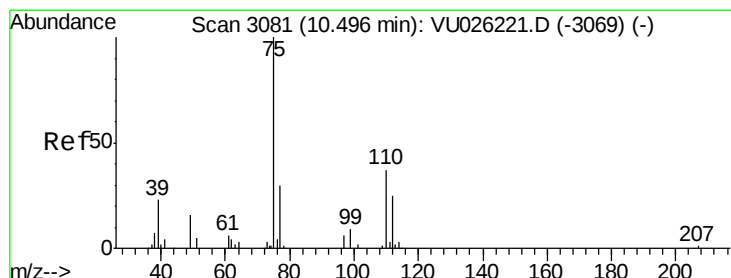
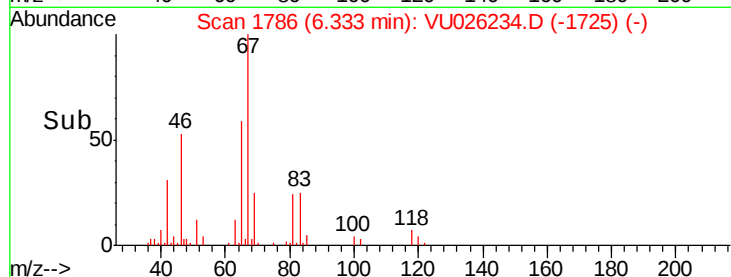
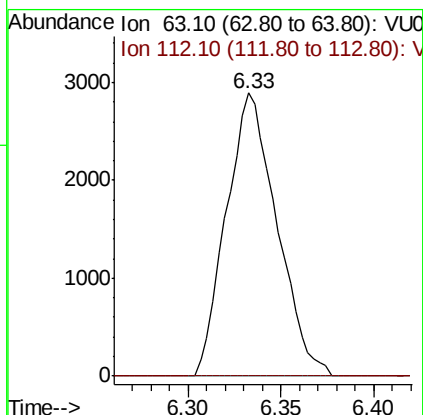
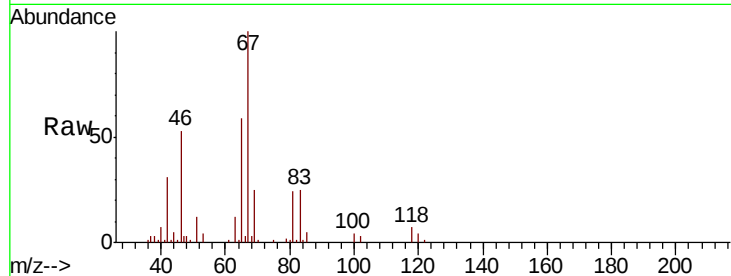




#37
 1,2-Dichloropropane
 Concen: 0.541 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026234.D
 Acq: 21 Aug 2018 15:47

Instrument :
 MSVOA_U
 ClientSampleId :
 C0361DL

Tgt Ion: 63 Resp: 5468
 Ion Ratio Lower Upper
 63 100
 112 0.0 1.4 2.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.084 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026234.D
 Acq: 21 Aug 2018 15:47

Tgt Ion: 75 Resp: 6622
 Ion Ratio Lower Upper
 75 100
 77 41.6 29.0 43.4

