

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082118\
 Data File : VU026230.D
 Acq On : 21 Aug 2018 14:11
 Operator : MD/SY
 Sample : J4488-07DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0300DL

Quant Time: Aug 22 00:25:41 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	126644	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	132705	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	59223	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33551	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.68	69	29023	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.27	63	53823	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.19	46	110768	58.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.00%
24) Chloroform-d	4.65	84	81619	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.31	65	45334	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.34	84	150239	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.33	67	50611	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.57	98	127805	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.85	79	19092	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.32	63	86273	52.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41481	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	55450	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

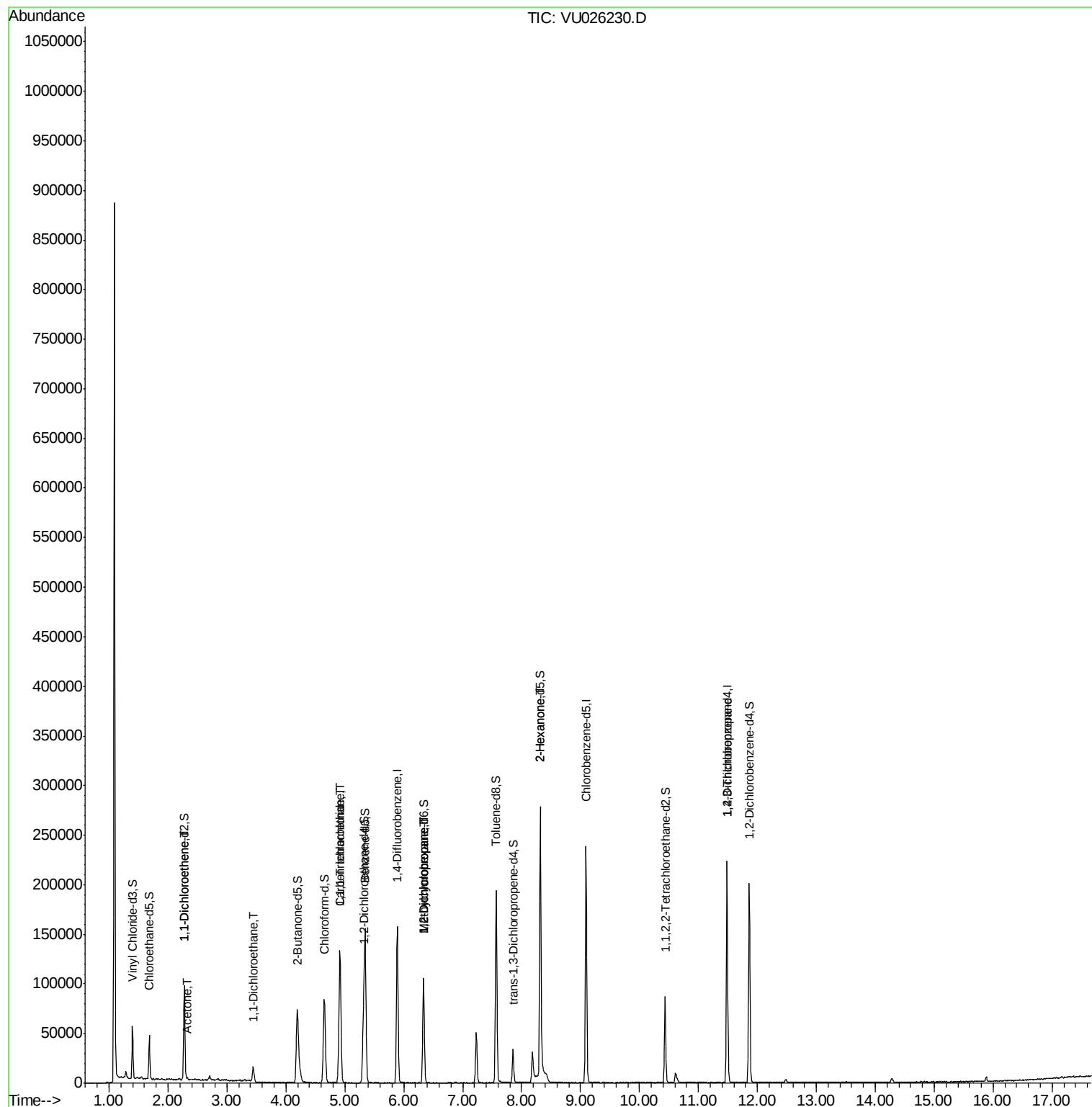
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.29	96	1764	0.240	ug/L #	1
13) Acetone	2.33	43	1558	1.232	ug/L	83
19) 1,1-Dichloroethane	3.45	63	15991	1.050	ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	104264	6.066	ug/L	98
31) Carbon tetrachloride	4.92	117	13385	0.856	ug/L	98
35) Methylcyclohexane	6.34	83	12416	0.808	ug/L #	17
37) 1,2-Dichloropropane	6.34	63	5648	0.545	ug/L #	95
48) 2-Hexanone	8.32	43	11008	2.833	ug/L #	71
59) 1,2,3-Trichloropropane	11.49	75	6586	1.052	ug/L	90

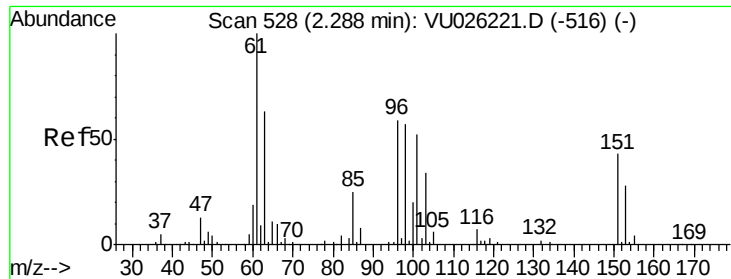
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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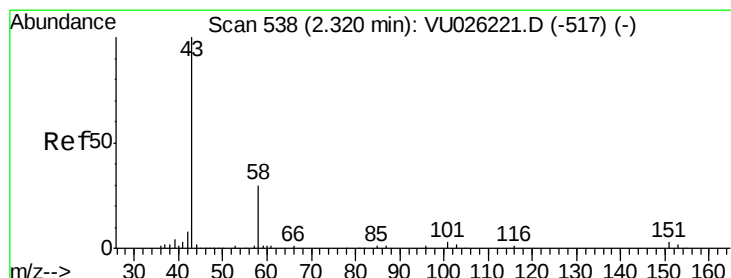
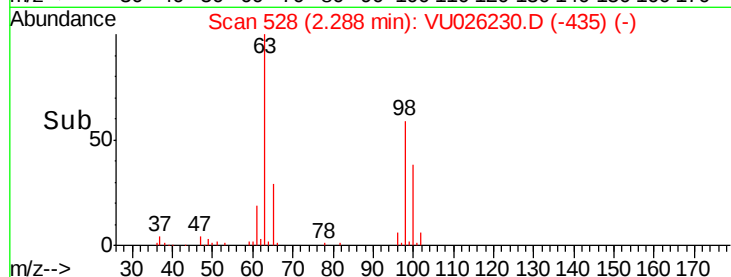
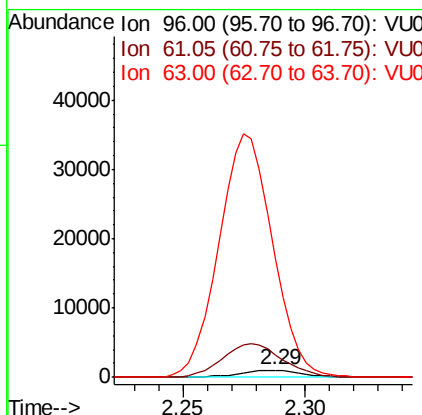
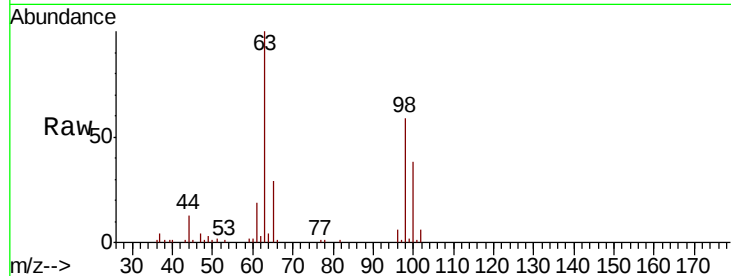




#12
 1,1-Dichloroethene
 Concen: 0.240 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU026230.D
 Acq: 21 Aug 2018 14:11

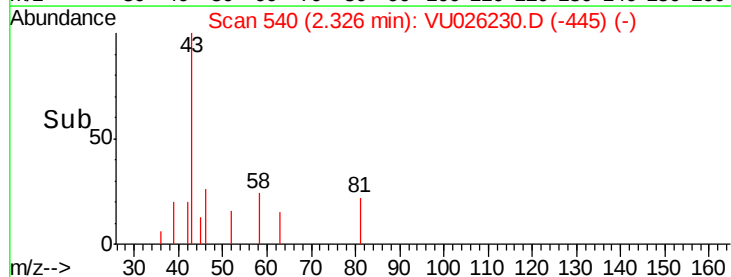
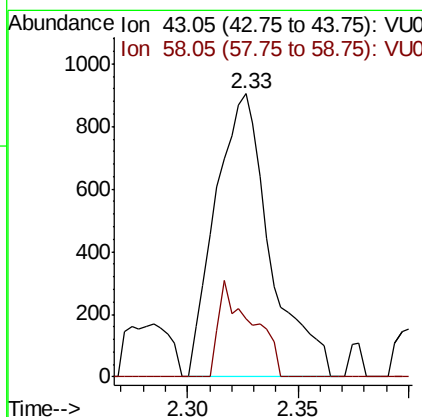
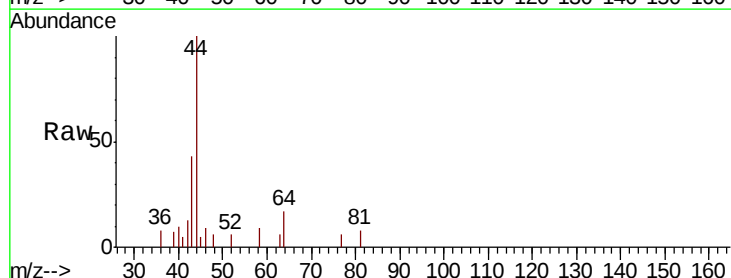
Instrument :
 MSVOA_U
 ClientSampleID :
 C0300DL

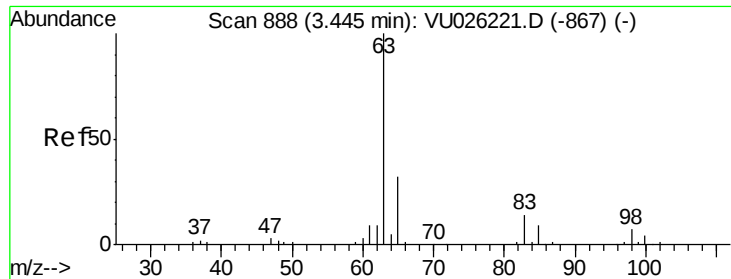
Tgt Ion: 96 Resp: 1764
 Ion Ratio Lower Upper
 96 100
 61 303.9 125.3 232.7#
 63 1628.3 90.9 168.9#



#13
 Acetone
 Concen: 1.232 ug/L
 RT: 2.33 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: VU026230.D
 Acq: 21 Aug 2018 14:11

Tgt Ion: 43 Resp: 1558
 Ion Ratio Lower Upper
 43 100
 58 20.6 0.0 59.0

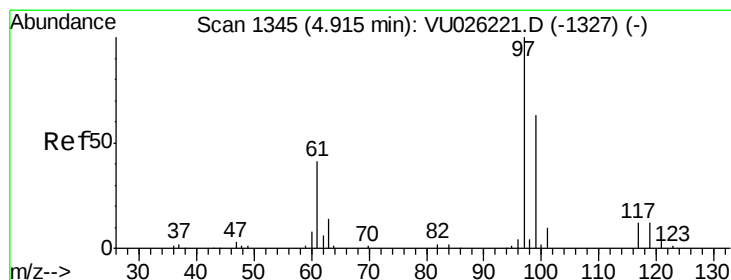
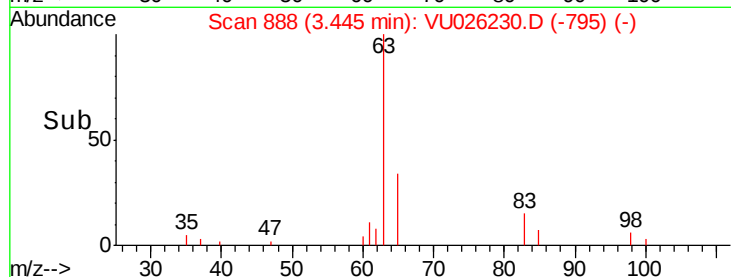
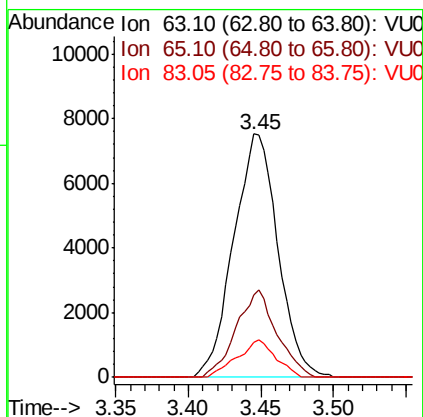
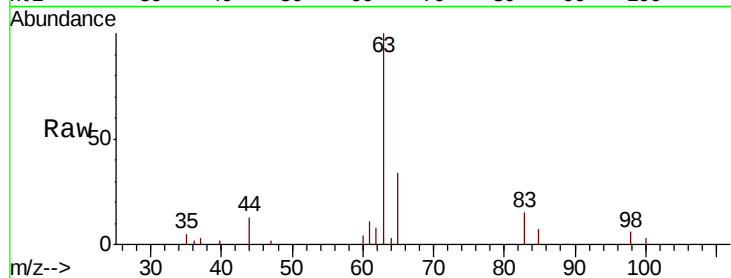




#19
 1,1-Dichloroethane
 Concen: 1.050 ug/L
 RT: 3.45 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VU026230.D
 Acq: 21 Aug 2018 14:11

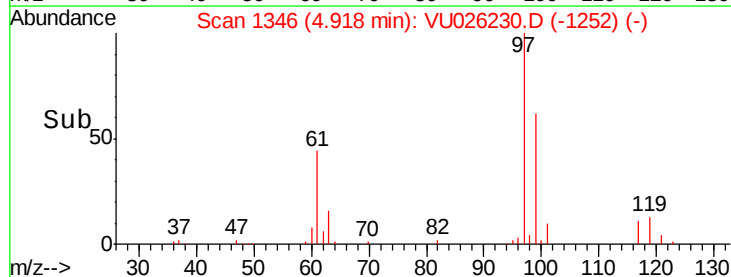
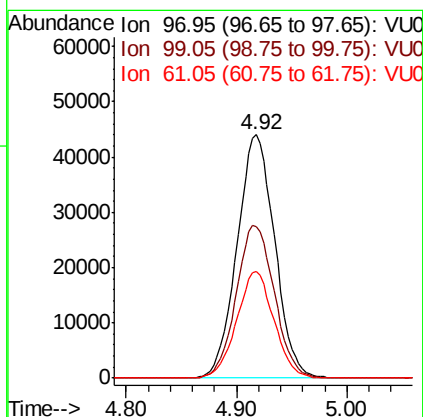
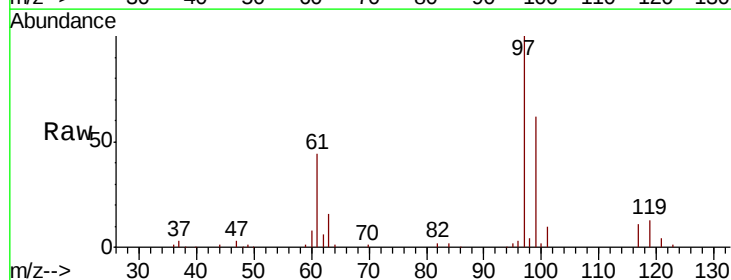
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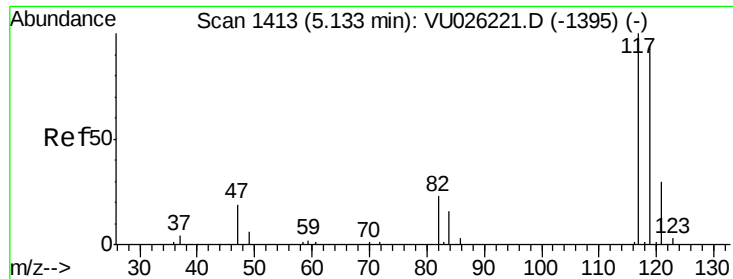
Tgt Ion: 63 Resp: 15991
 Ion Ratio Lower Upper
 63 100
 65 33.8 23.2 43.0
 83 14.6 10.1 18.9



#29
 1,1,1-Trichloroethane
 Concen: 6.066 ug/L
 RT: 4.92 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VU026230.D
 Acq: 21 Aug 2018 14:11

Tgt Ion: 97 Resp: 104264
 Ion Ratio Lower Upper
 97 100
 99 63.5 52.3 78.5
 61 43.1 35.0 52.6





#31

Carbon tetrachloride

Concen: 0.856 ug/L

RT: 4.92 min Scan# 1348

Delta R.T. -0.21 min

Lab File: VU026230.D

Acq: 21 Aug 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

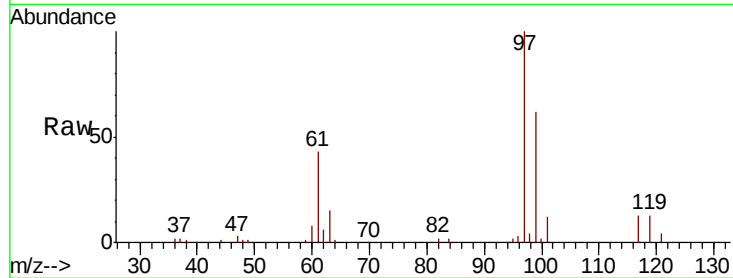
C0300DL

Tgt Ion:117 Resp: 13385

Ion Ratio Lower Upper

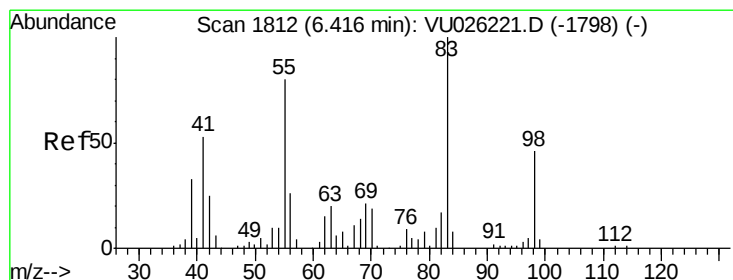
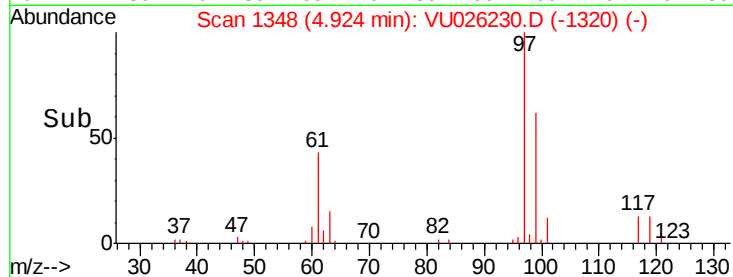
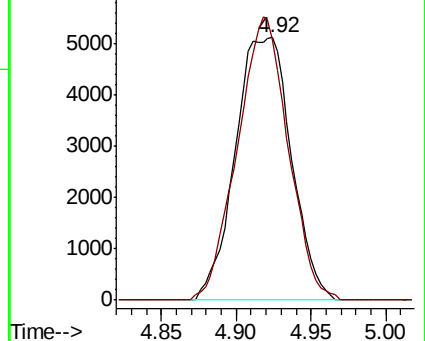
117 100

119 97.4 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: 0.808 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU026230.D

Acq: 21 Aug 2018 14:11

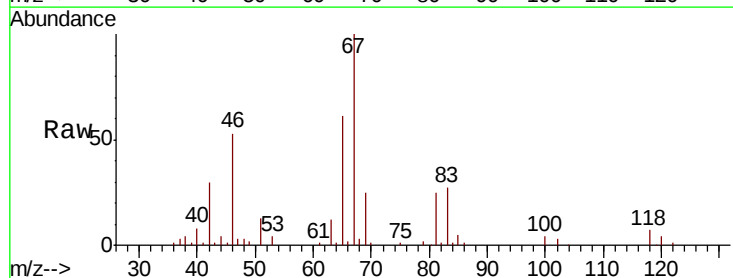
Tgt Ion: 83 Resp: 12416

Ion Ratio Lower Upper

83 100

55 0.4 65.0 97.4#

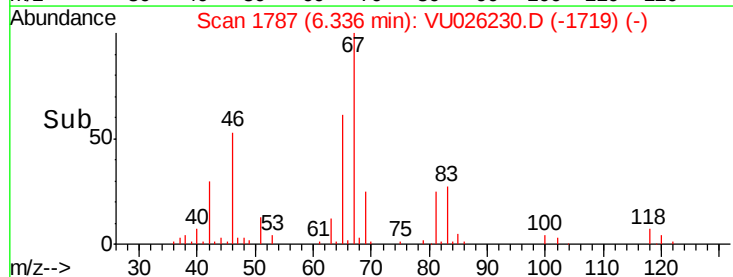
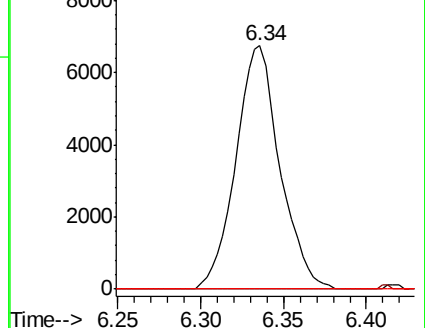
98 0.0 37.8 56.6#

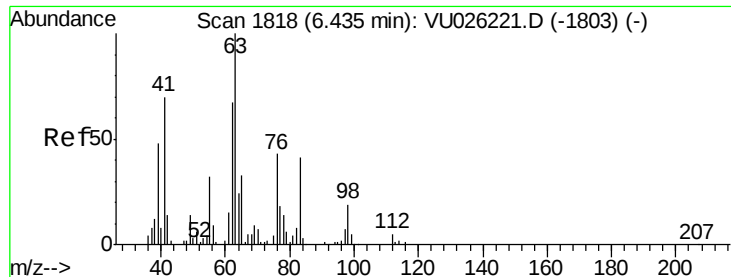


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

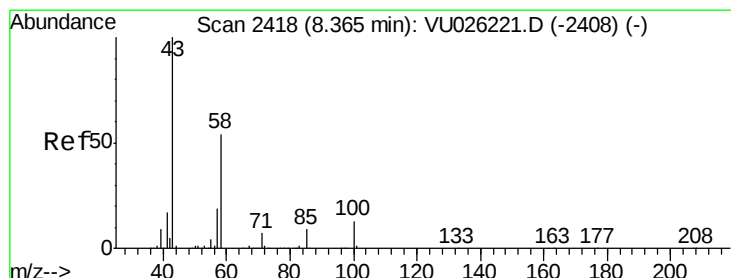
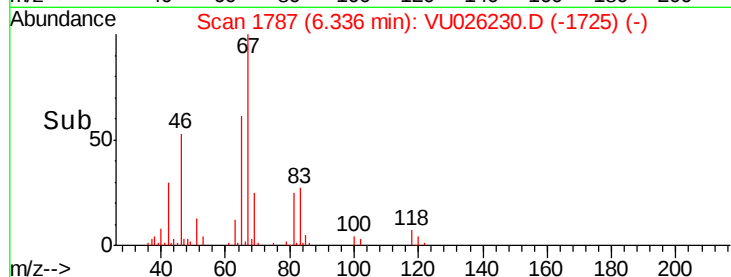
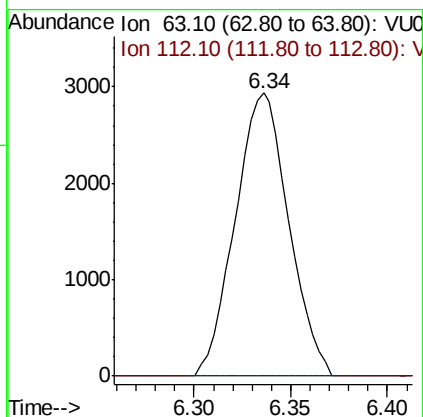
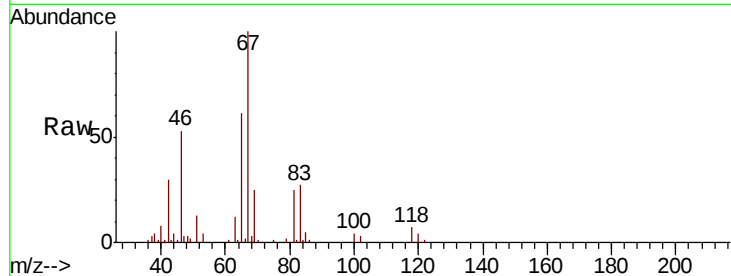




#37
 1,2-Dichloropropane
 Concen: 0.545 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026230.D
 Acq: 21 Aug 2018 14:11

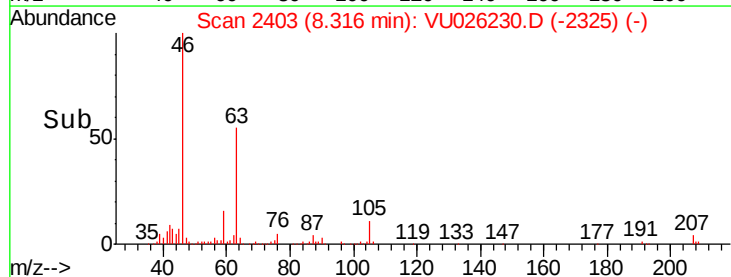
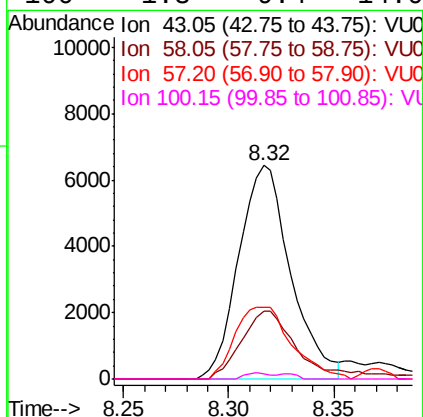
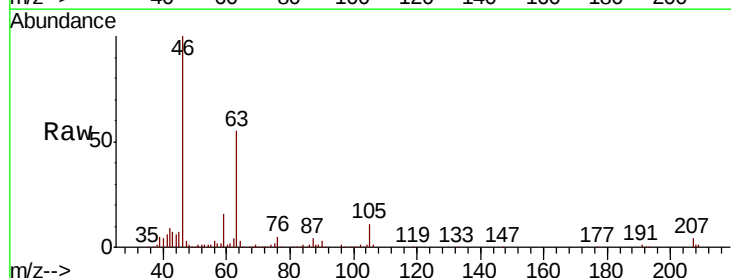
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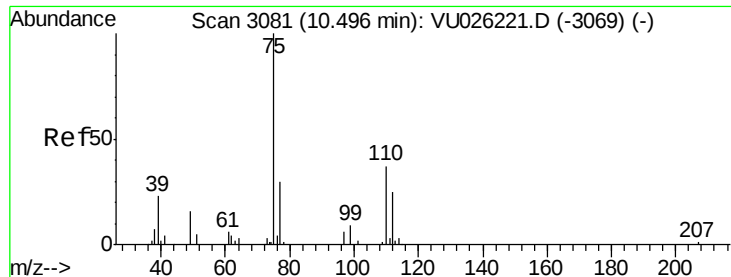
Tgt Ion: 63 Resp: 5648
 Ion Ratio Lower Upper
 63 100
 112 0.0 1.4 2.2#



#48
 2-Hexanone
 Concen: 2.833 ug/L
 RT: 8.32 min Scan# 2403
 Delta R.T. -0.05 min
 Lab File: VU026230.D
 Acq: 21 Aug 2018 14:11

Tgt Ion: 43 Resp: 11008
 Ion Ratio Lower Upper
 43 100
 58 35.5 43.1 64.7#
 57 36.8 15.4 23.0#
 100 1.3 9.4 14.0#





#59

1,2,3-Trichloropropane

Concen: 1.052 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026230.D

Acq: 21 Aug 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

C0300DL

Tgt Ion: 75 Resp: 6586

Ion Ratio Lower Upper

75 100

77 42.2 29.0 43.4

