

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082118\
 Data File : VU026227.D
 Acq On : 21 Aug 2018 12:59
 Operator : MD/SY
 Sample : J4515-03DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0326DL

Quant Time: Aug 22 00:25:23 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	129037	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	131516	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	60429	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35107	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.68	69	29139	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.28	63	68877	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.19	46	110955	57.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.04%
24) Chloroform-d	4.65	84	84395	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.31	65	46007	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.34	84	157717	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.34	67	50909	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.57	98	135853	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.85	79	19699	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.32	63	87130	53.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.36%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	40937	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	57177	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

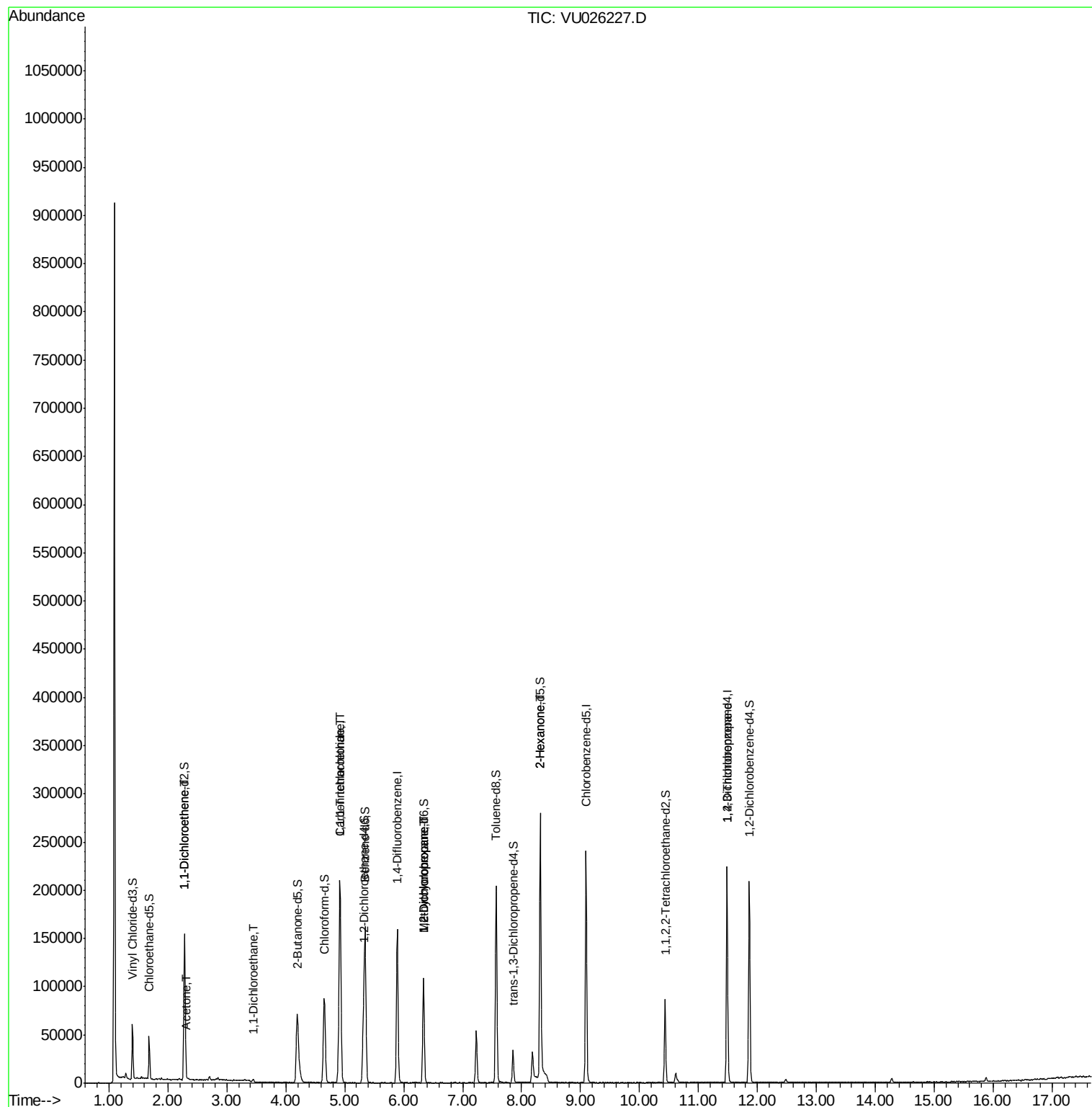
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.29	96	25654	3.420	ug/L	89
13) Acetone	2.32	43	1146	0.889	ug/L	63
19) 1,1-Dichloroethane	3.45	63	3355	0.216	ug/L	95
29) 1,1,1-Trichloroethane	4.92	97	165045	9.689	ug/L	98
31) Carbon tetrachloride	4.92	117	21596	1.394	ug/L	99
35) Methylcyclohexane	6.34	83	12051	0.791	ug/L #	17
37) 1,2-Dichloropropane	6.34	63	5543	0.540	ug/L #	95
48) 2-Hexanone	8.32	43	12215	3.172	ug/L #	68
59) 1,2,3-Trichloropropane	11.49	75	6935	1.118	ug/L	94

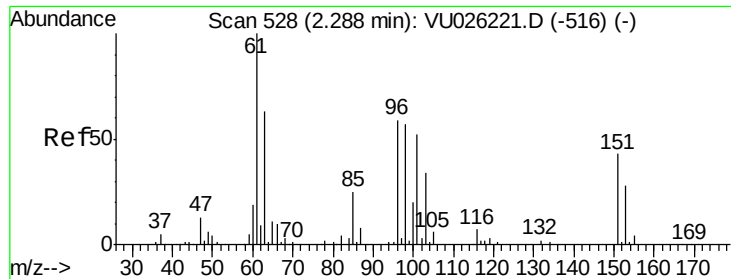
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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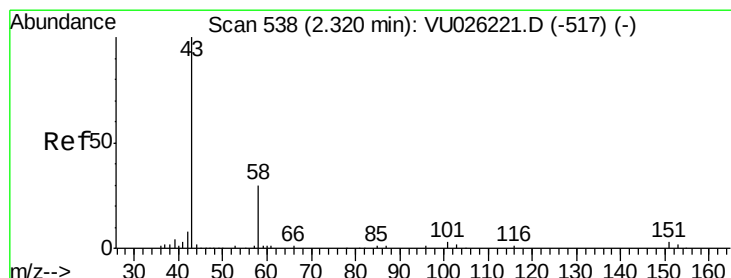
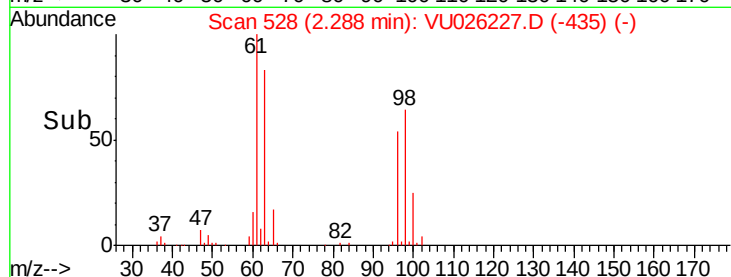
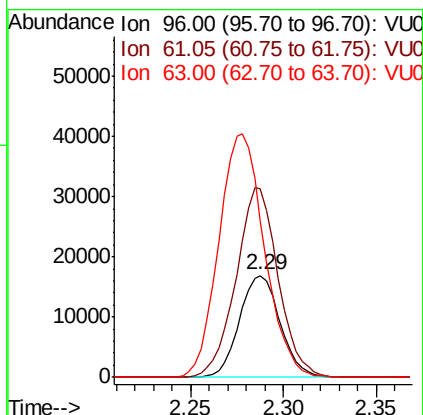
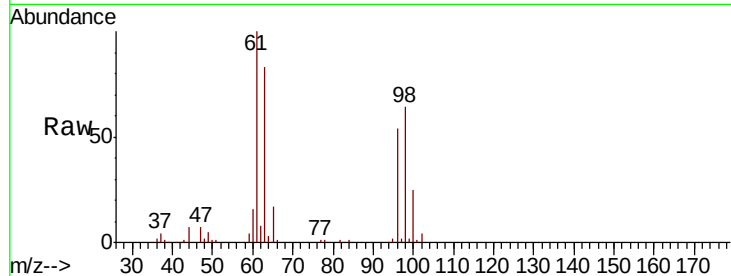




#12
 1,1-Dichloroethene
 Concen: 3.420 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU026227.D
 Acq: 21 Aug 2018 12:59

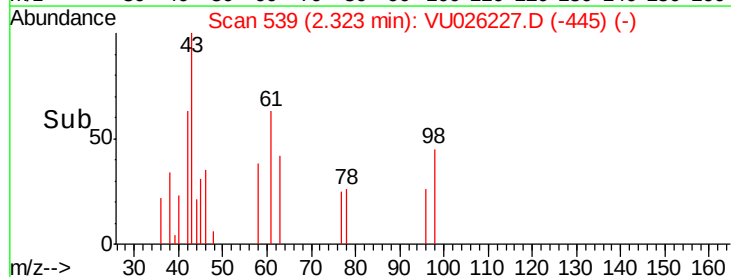
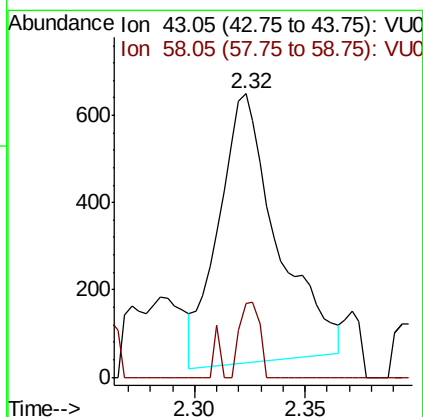
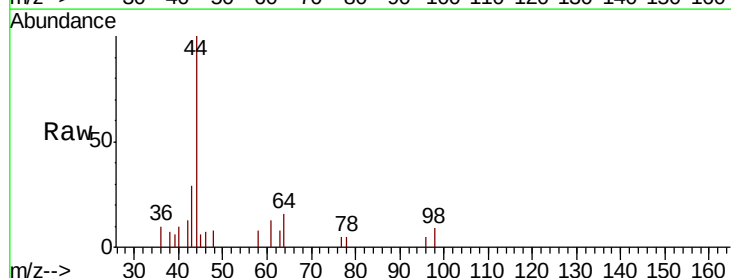
Instrument :
 MSVOA_U
 ClientSampleId :
 C0326DL

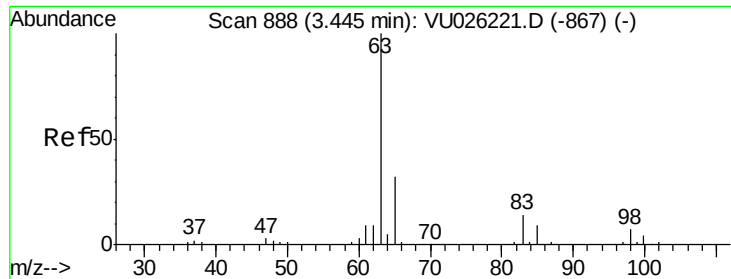
Tgt Ion: 96 Resp: 25654
 Ion Ratio Lower Upper
 96 100
 61 184.5 125.3 232.7
 63 153.2 90.9 168.9



#13
 Acetone
 Concen: 0.889 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU026227.D
 Acq: 21 Aug 2018 12:59

Tgt Ion: 43 Resp: 1146
 Ion Ratio Lower Upper
 43 100
 58 9.6 0.0 59.0

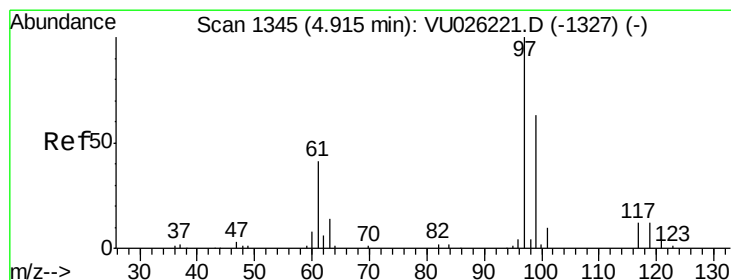
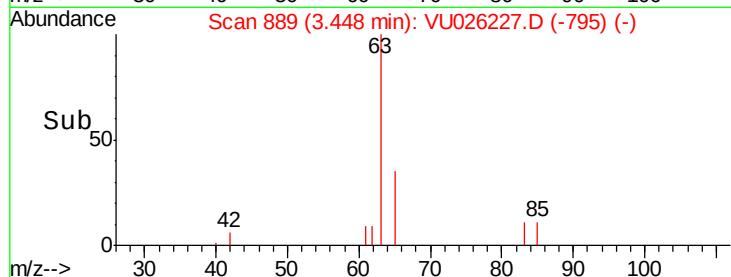
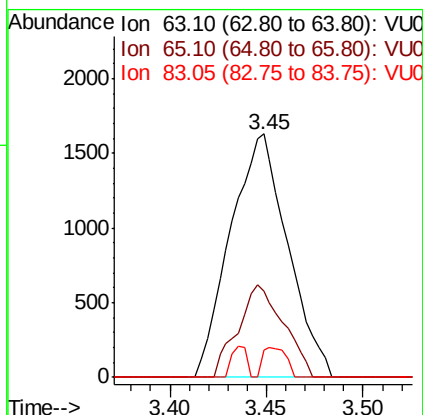
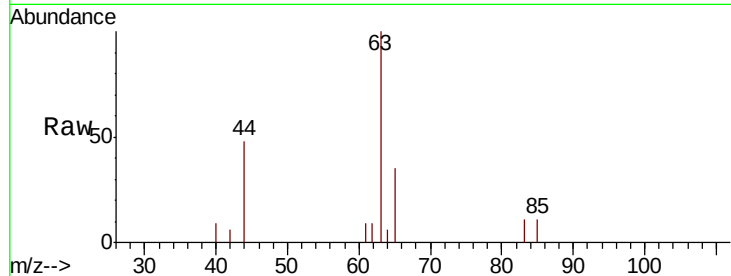




#19
 1,1-Dichloroethane
 Concen: 0.216 ug/L
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU026227.D
 Acq: 21 Aug 2018 12:59

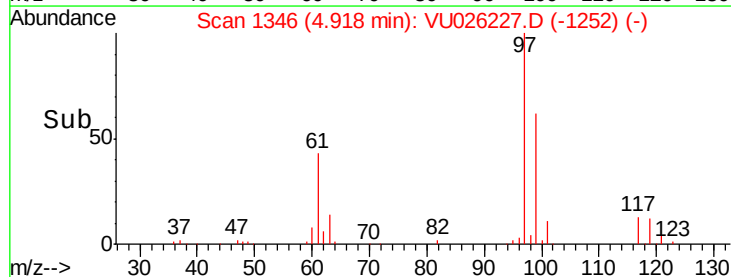
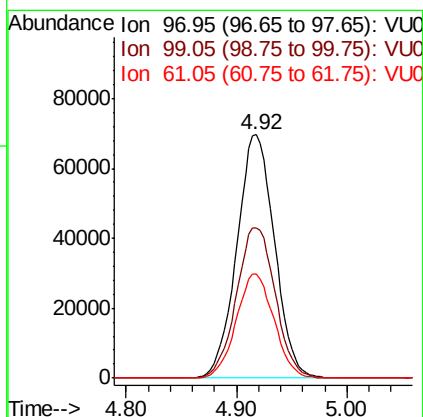
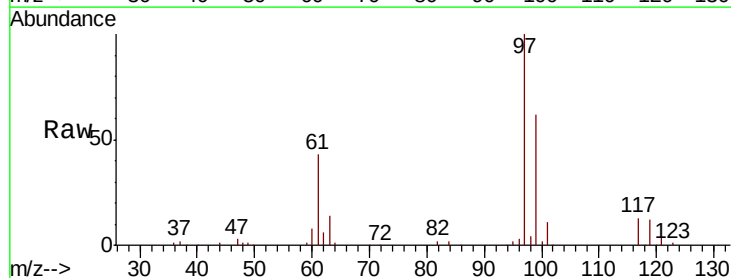
Instrument :
 MSVOA_U
 ClientSampleId :
 C0326DL

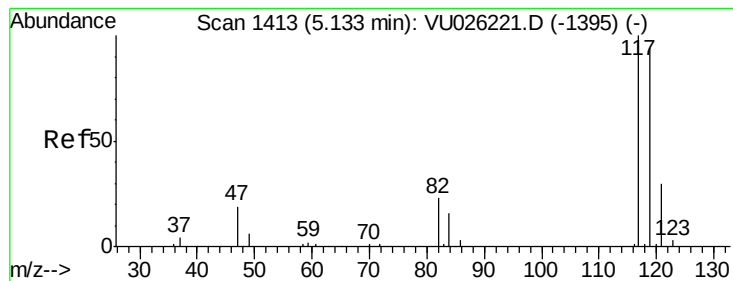
Tgt Ion: 63 Resp: 3355
 Ion Ratio Lower Upper
 63 100
 65 35.2 23.2 43.0
 83 11.0 10.1 18.9



#29
 1,1,1-Trichloroethane
 Concen: 9.689 ug/L
 RT: 4.92 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VU026227.D
 Acq: 21 Aug 2018 12:59

Tgt Ion: 97 Resp: 165045
 Ion Ratio Lower Upper
 97 100
 99 63.7 52.3 78.5
 61 42.9 35.0 52.6





#31

Carbon tetrachloride

Concen: 1.394 ug/L

RT: 4.92 min Scan# 1347

Delta R.T. -0.21 min

Lab File: VU026227.D

Acq: 21 Aug 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

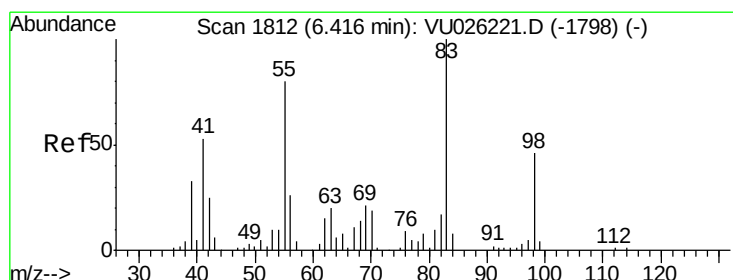
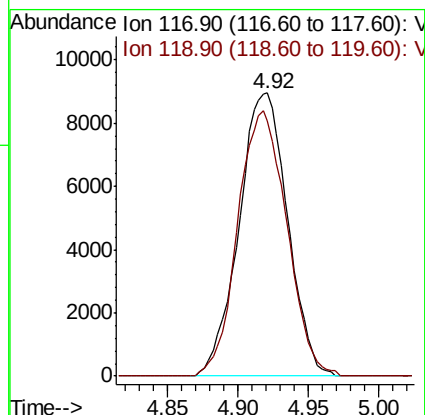
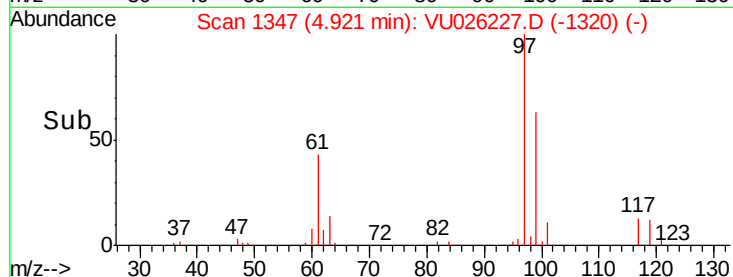
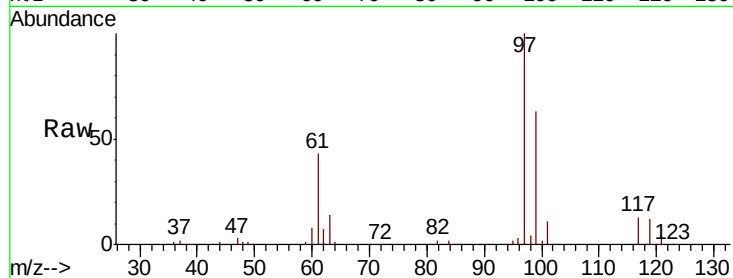
C0326DL

Tgt Ion:117 Resp: 21596

Ion Ratio Lower Upper

117 100

119 94.7 76.6 115.0



#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU026227.D

Acq: 21 Aug 2018 12:59

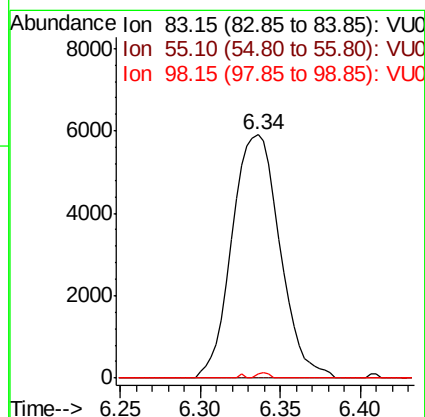
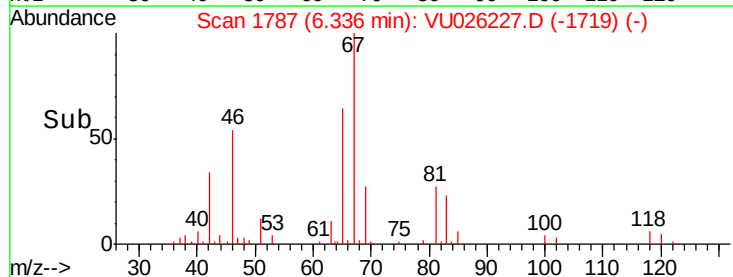
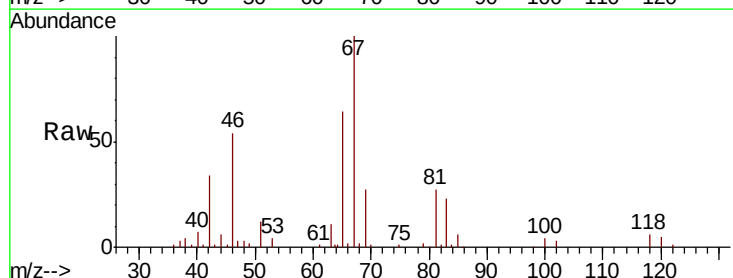
Tgt Ion: 83 Resp: 12051

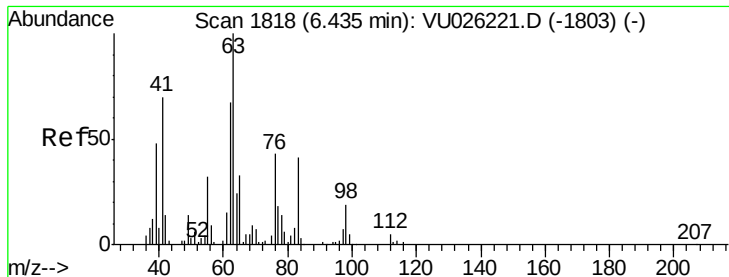
Ion Ratio Lower Upper

83 100

55 0.0 65.0 97.4#

98 0.6 37.8 56.6#

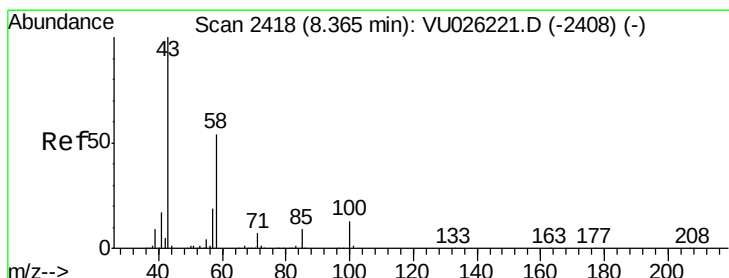
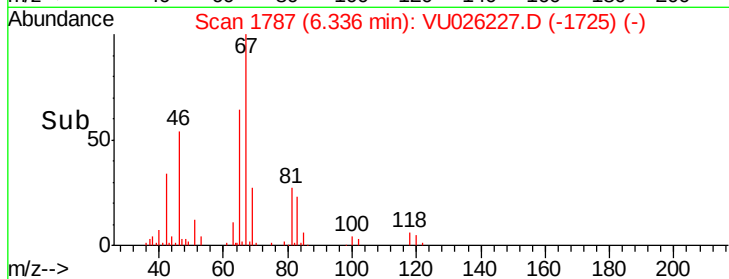
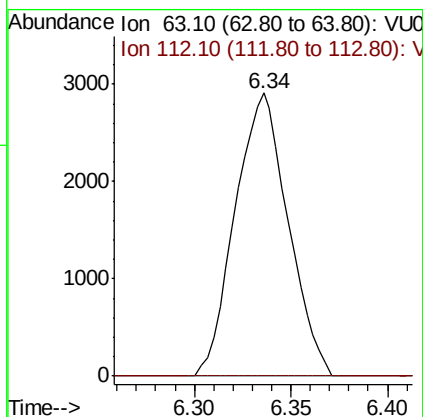
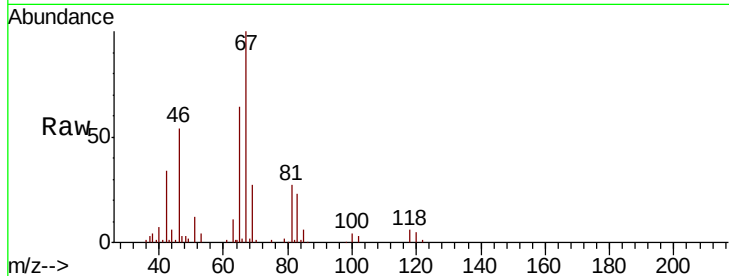




#37
 1,2-Dichloropropane
 Concen: 0.540 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026227.D
 Acq: 21 Aug 2018 12:59

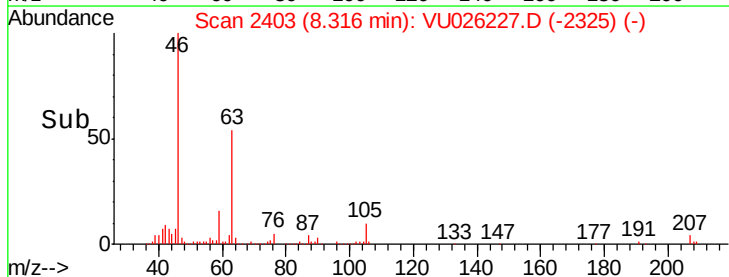
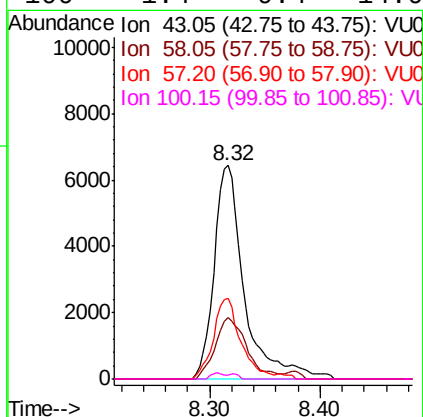
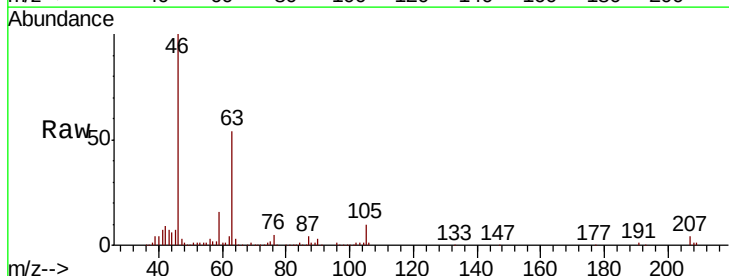
Instrument :
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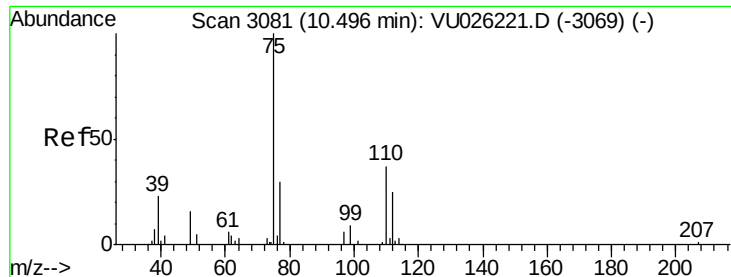
Tgt Ion: 63 Resp: 5543
 Ion Ratio Lower Upper
 63 100
 112 0.0 1.4 2.2#



#48
 2-Hexanone
 Concen: 3.172 ug/L
 RT: 8.32 min Scan# 2403
 Delta R.T. -0.05 min
 Lab File: VU026227.D
 Acq: 21 Aug 2018 12:59

Tgt Ion: 43 Resp: 12215
 Ion Ratio Lower Upper
 43 100
 58 29.9 43.1 64.7#
 57 34.2 15.4 23.0#
 100 1.4 9.4 14.0#





#59

1,2,3-Trichloropropane

Concen: 1.118 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026227.D

Acq: 21 Aug 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

C0326DL

Tgt Ion: 75 Resp: 6935

Ion Ratio Lower Upper

75 100

77 39.7 29.0 43.4

