

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082118\
 Data File : VU026236.D
 Acq On : 21 Aug 2018 16:35
 Operator : MD/SY
 Sample : J4488-21DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0323DL

Quant Time: Aug 22 00:26:18 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	114273	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	116222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	51397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33735	5.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.80%
7) Chloroethane-d5	1.68	69	27812	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.28	63	54680	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	4.19	46	103360	59.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.96%
24) Chloroform-d	4.65	84	68068	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.31	65	43531	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.35	84	148934	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.33	67	49636	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.57	98	125934	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	17718	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.32	63	84190	58.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.30%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	39373	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	53819	5.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.60%

Target Compounds

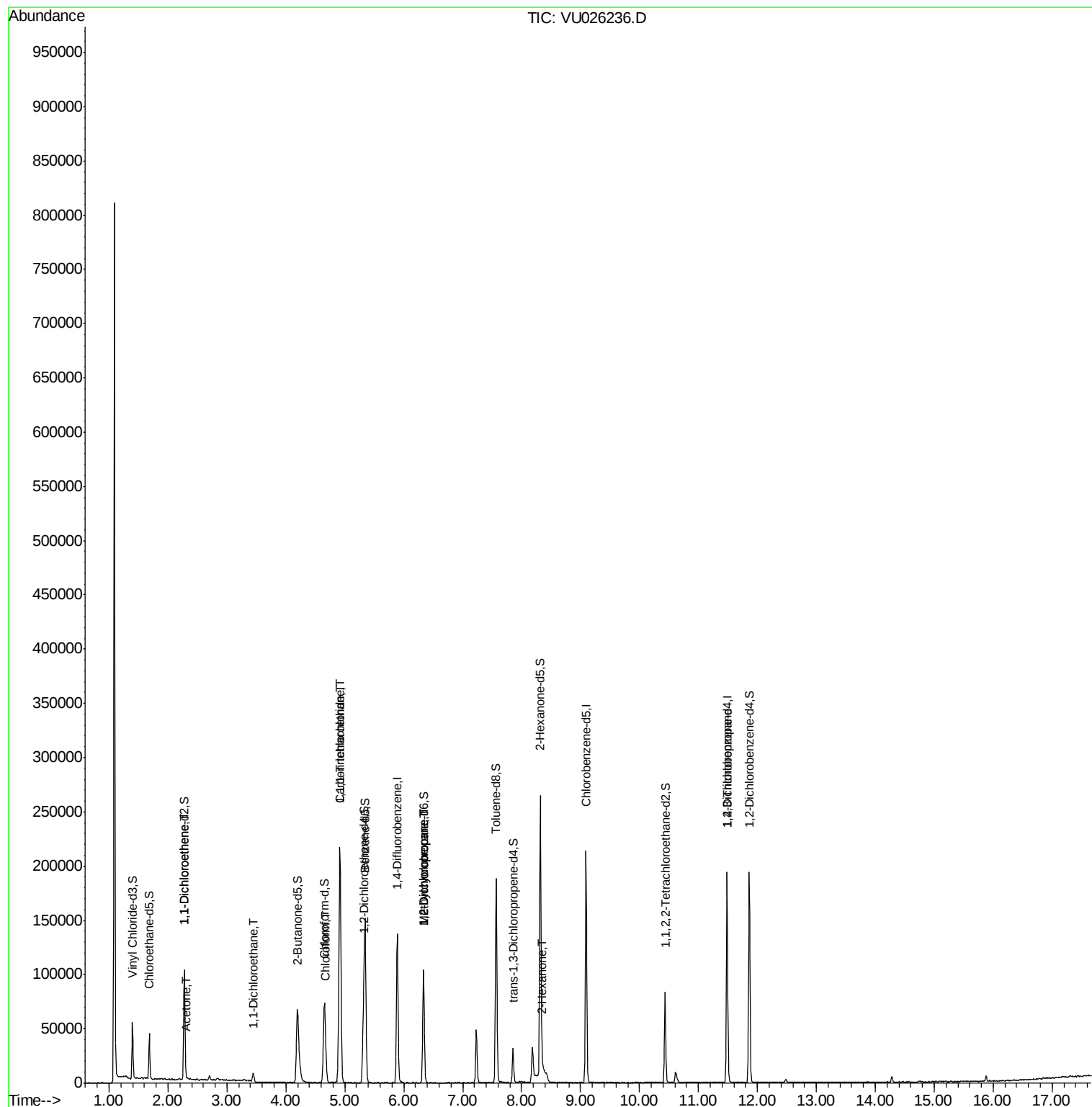
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.28	96	6121	0.922	ug/L #	1
13) Acetone	2.32	43	1204	1.055	ug/L	59
19) 1,1-Dichloroethane	3.45	63	8720	0.635	ug/L	97
25) Chloroform	4.68	83	14893	0.890	ug/L	100
29) 1,1,1-Trichloroethane	4.92	97	171567	11.397	ug/L	99
31) Carbon tetrachloride	4.92	117	21574	1.575	ug/L	96
35) Methylcyclohexane	6.33	83	11338	0.842	ug/L #	17
37) 1,2-Dichloropropane	6.34	63	5842	0.644	ug/L #	96
48) 2-Hexanone	8.36	43	1175	0.345	ug/L #	69
59) 1,2,3-Trichloropropane	11.49	75	5789	1.056	ug/L	98

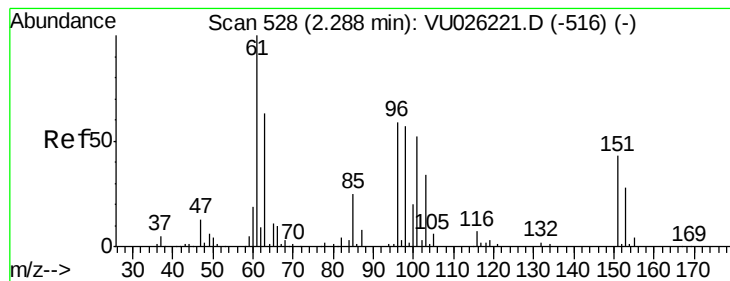
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.922 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU026236.D

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Instrument :

MSVOA_U

ClientSampleId :

C0323DL

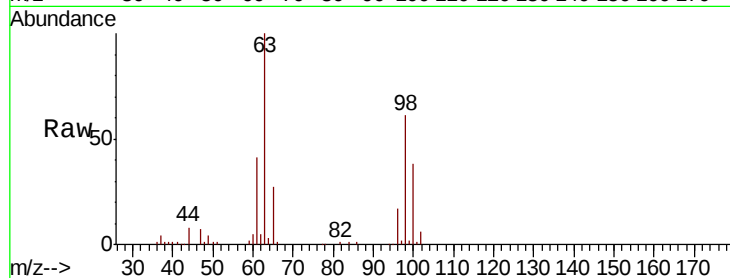
Tgt Ion: 96 Resp: 6121

Ion Ratio Lower Upper

96 100

61 238.1 125.3 232.7#

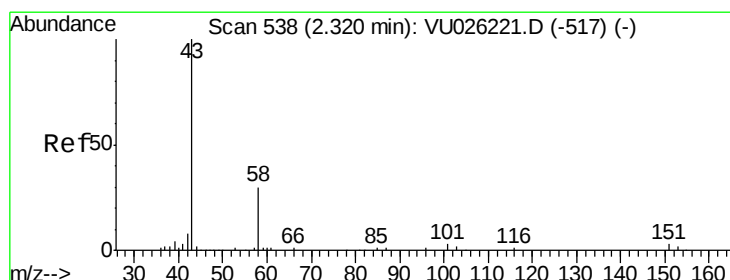
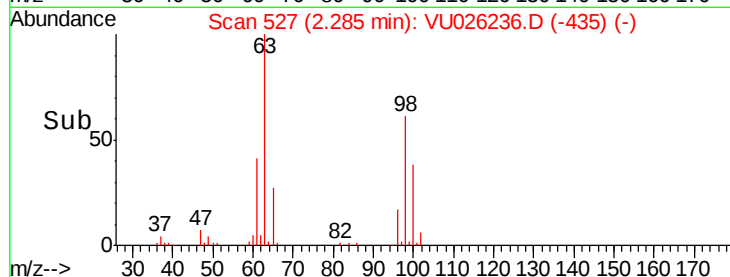
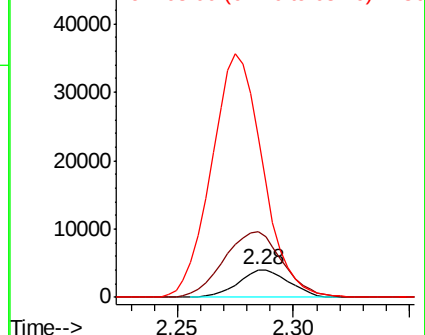
63 585.9 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 1.055 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026236.D

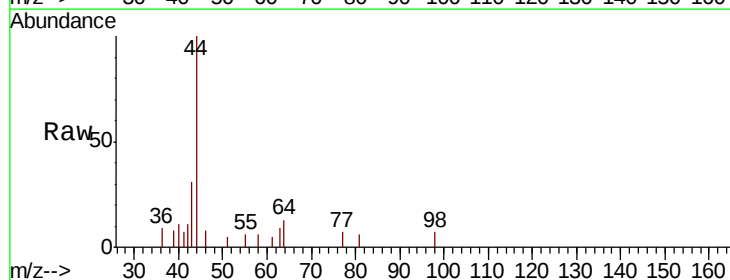
Acq: 21 Aug 2018 16:35

Tgt Ion: 43 Resp: 1204

Ion Ratio Lower Upper

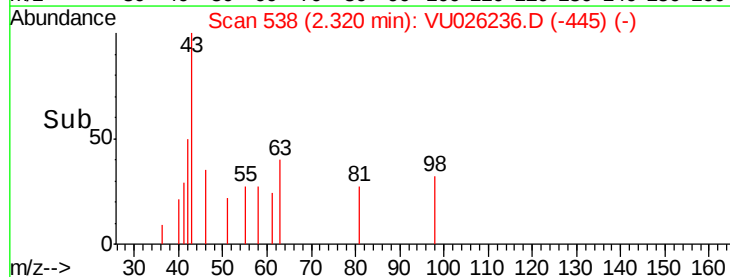
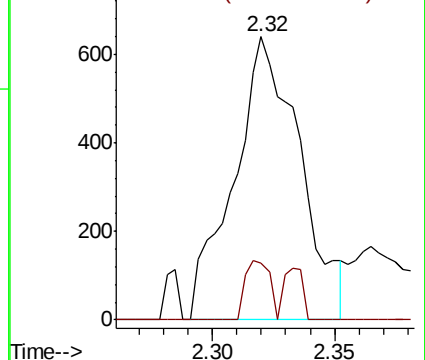
43 100

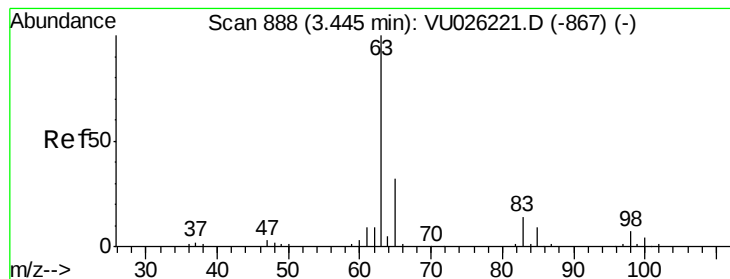
58 7.6 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#19

1,1-Dichloroethane

Concen: 0.635 ug/L

RT: 3.45 min Scan# 888

Delta R.T. 0.00 min

Lab File: VU026236.D

Acq: 21 Aug 2018 16:35

Instrument :

MSVOA_U

ClientSampleId :

C0323DL

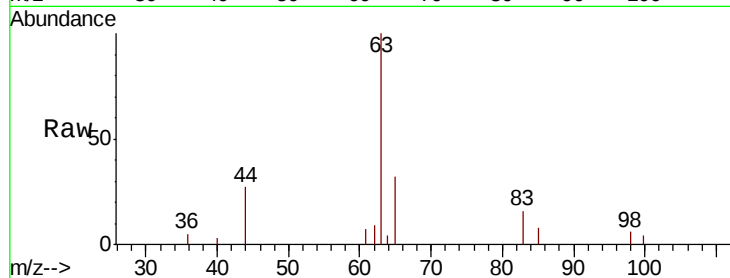
Tgt Ion: 63 Resp: 8720

Ion Ratio Lower Upper

63 100

65 31.8 23.2 43.0

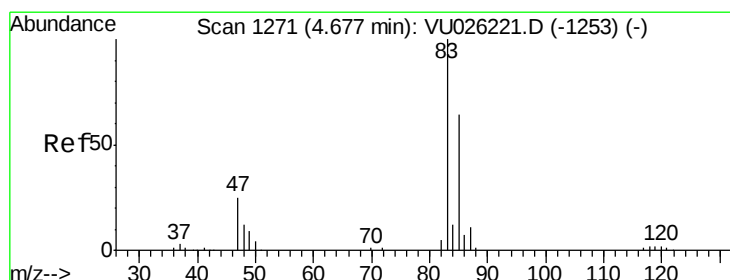
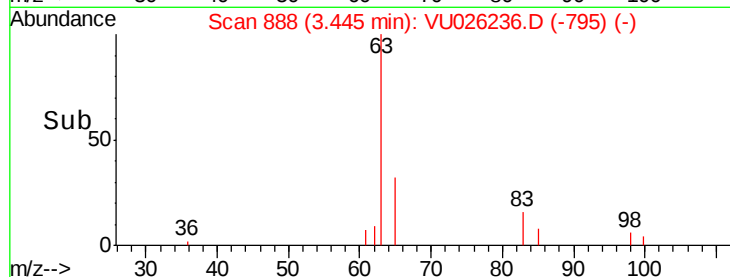
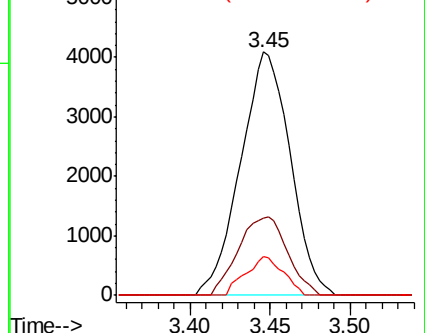
83 16.1 10.1 18.9



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



#25

Chloroform

Concen: 0.890 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU026236.D

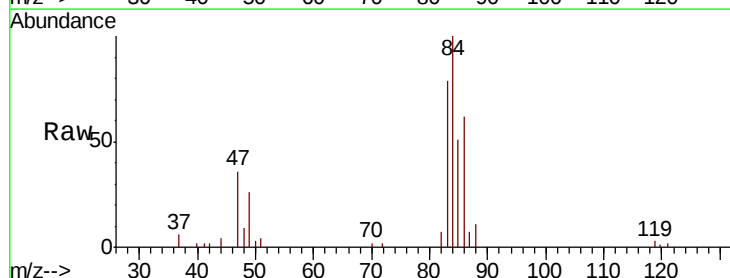
Acq: 21 Aug 2018 16:35

Tgt Ion: 83 Resp: 14893

Ion Ratio Lower Upper

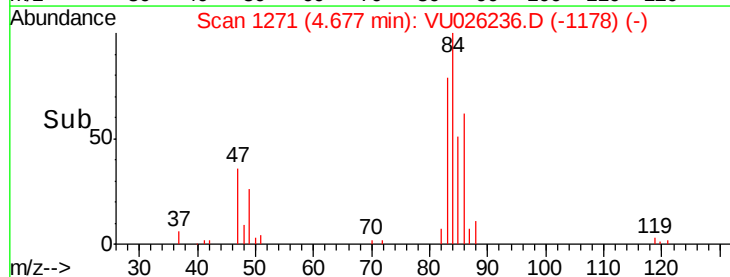
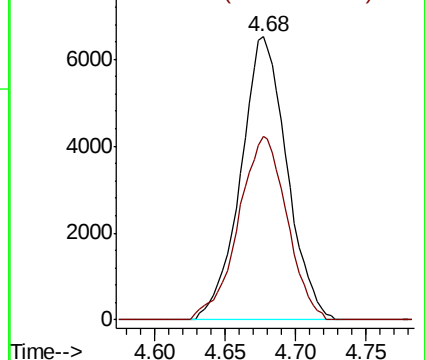
83 100

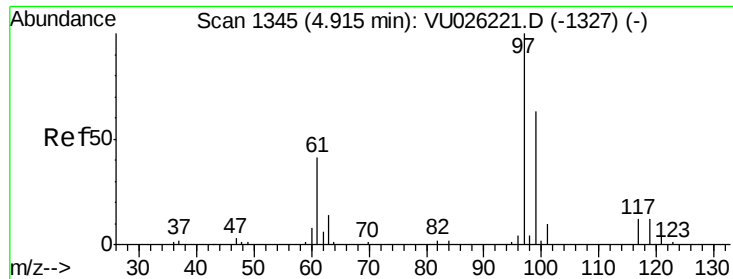
85 64.9 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

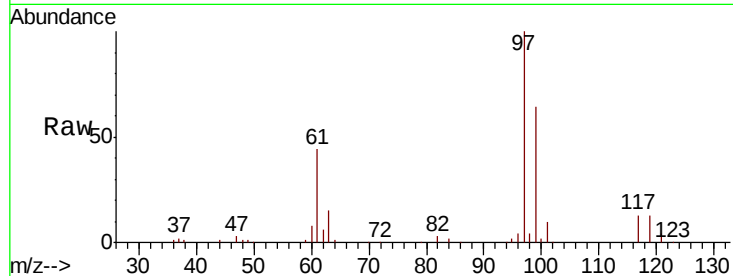




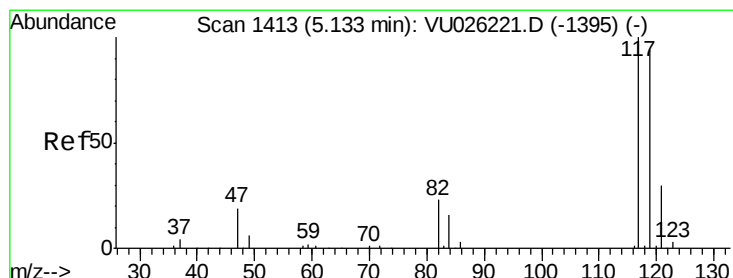
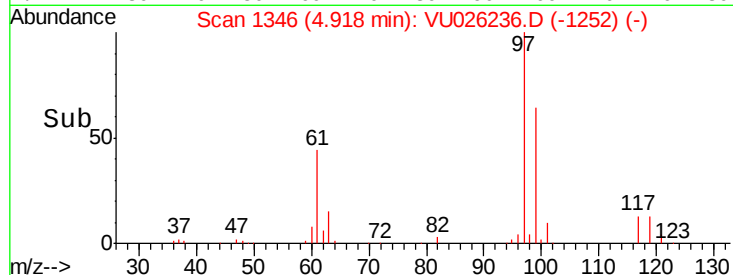
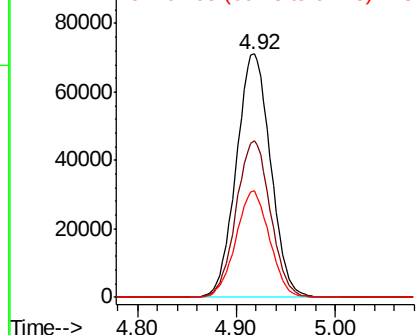
#29
 1,1,1-Trichloroethane
 Concen: 11.397 ug/L
 RT: 4.92 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VU026236.D
 Acq: 21 Aug 2018 16:35

Instrument :
 MSVOA_U
 ClientSampleId :
 C0323DL

Tgt Ion: 97 Resp: 171567
 Ion Ratio Lower Upper
 97 100
 99 64.3 52.3 78.5
 61 43.0 35.0 52.6

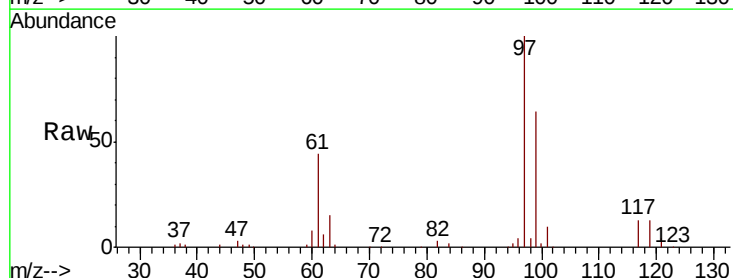


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

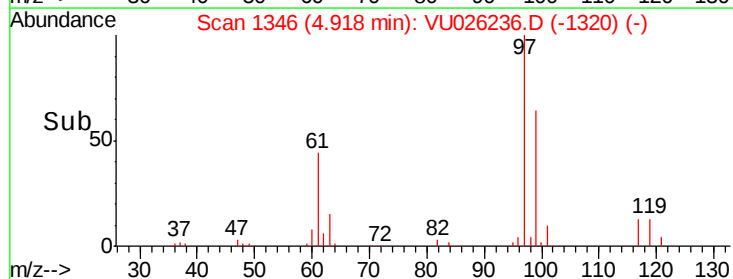
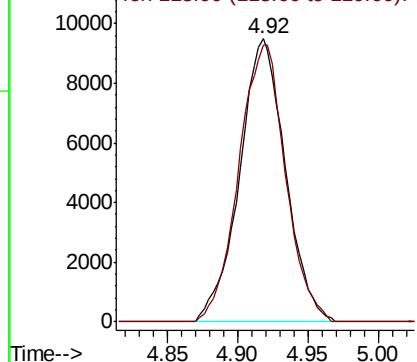


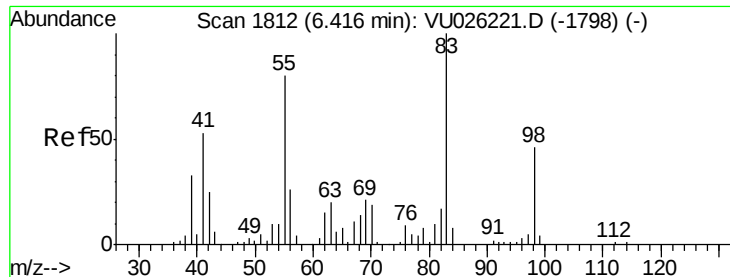
#31
 Carbon tetrachloride
 Concen: 1.575 ug/L
 RT: 4.92 min Scan# 1346
 Delta R.T. -0.22 min
 Lab File: VU026236.D
 Acq: 21 Aug 2018 16:35

Tgt Ion: 117 Resp: 21574
 Ion Ratio Lower Upper
 117 100
 119 99.9 76.6 115.0



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

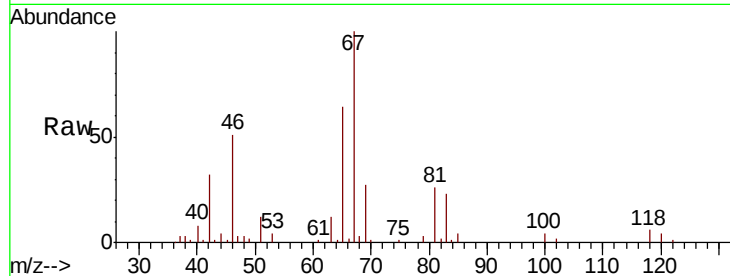




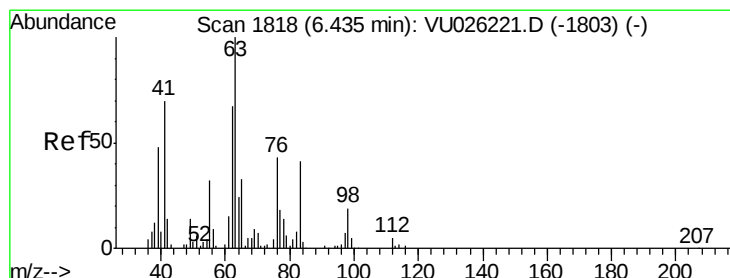
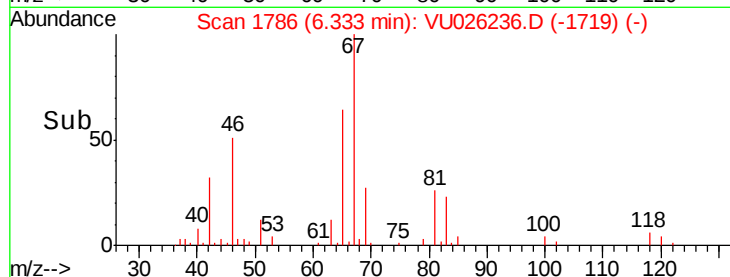
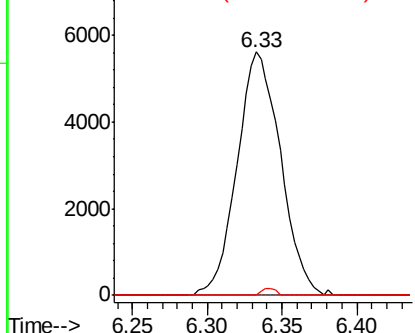
#35
Methylcyclohexane
Concen: 0.842 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026236.D
Acq: 21 Aug 2018 16:35

Instrument :
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Tgt Ion: 83 Resp: 11338
Ion Ratio Lower Upper
83 100
55 0.0 65.0 97.4#
98 0.9 37.8 56.6#

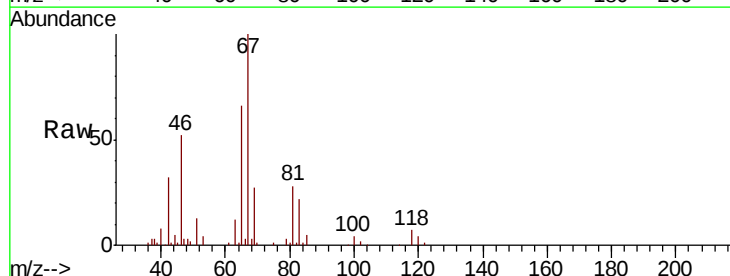


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

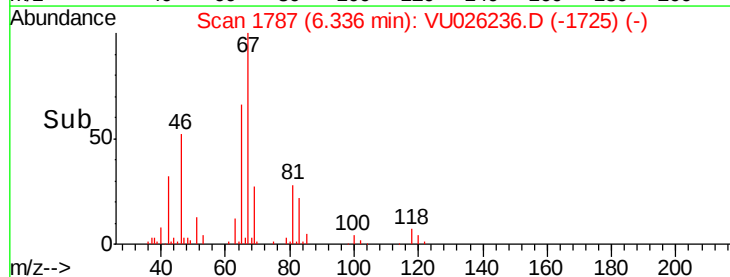
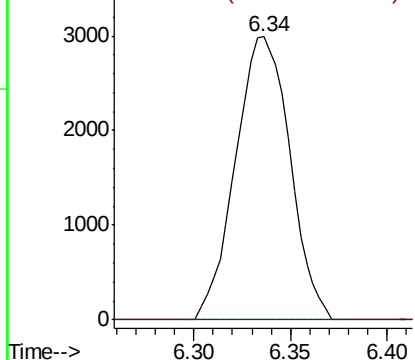


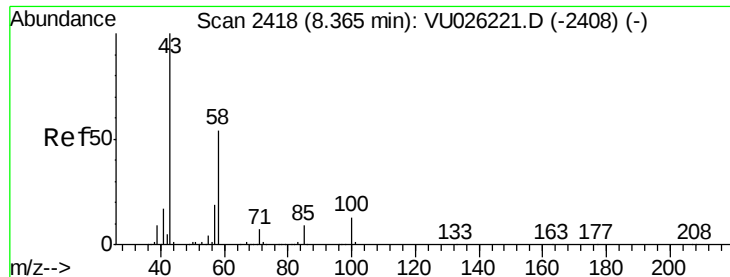
#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026236.D
Acq: 21 Aug 2018 16:35

Tgt Ion: 63 Resp: 5842
Ion Ratio Lower Upper
63 100
112 0.3 1.4 2.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

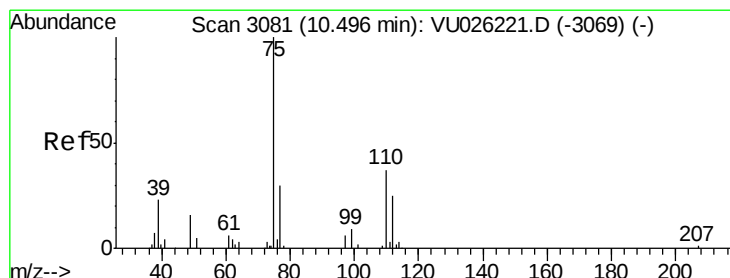
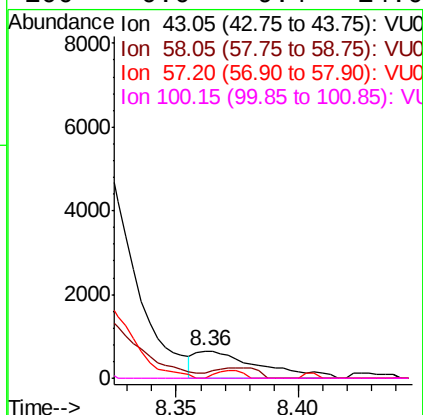
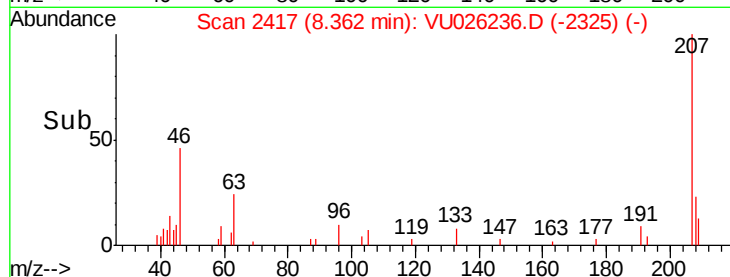
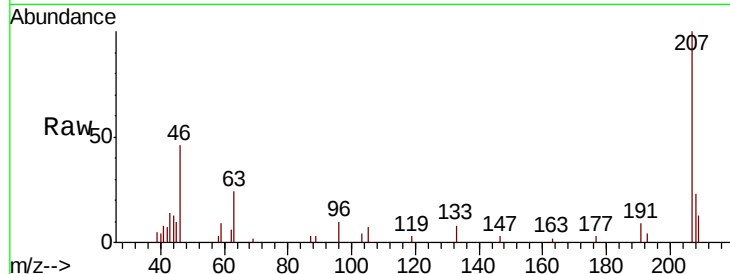




#48
2-Hexanone
Concen: 0.345 ug/L
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU026236.D
Acq: 21 Aug 2018 16:35

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Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
58 27.3 43.1 64.7#
57 11.8 15.4 23.0#
100 0.0 9.4 14.0#



#59
1,2,3-Trichloropropane
Concen: 1.056 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU026236.D
Acq: 21 Aug 2018 16:35

Tgt Ion: 75 Resp: 5789
Ion Ratio Lower Upper
75 100
77 37.2 29.0 43.4

