

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082118\
 Data File : VU026223.D
 Acq On : 21 Aug 2018 11:23
 Operator : MD/SY
 Sample : J4515-16DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0341DL

Quant Time: Aug 22 00:24:59 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	156610	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	157451	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	71707	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34112	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.68	69	29380	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.28	63	80073	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.40%
20) 2-Butanone-d5	4.19	46	104443	44.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.44%
24) Chloroform-d	4.65	84	73151	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	5.31	65	43199	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
32) Benzene-d6	5.34	84	154017	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.34	67	48949	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.57	98	133944	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	7.85	79	19590	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.32	63	82544	42.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.16%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	40316	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	55896	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

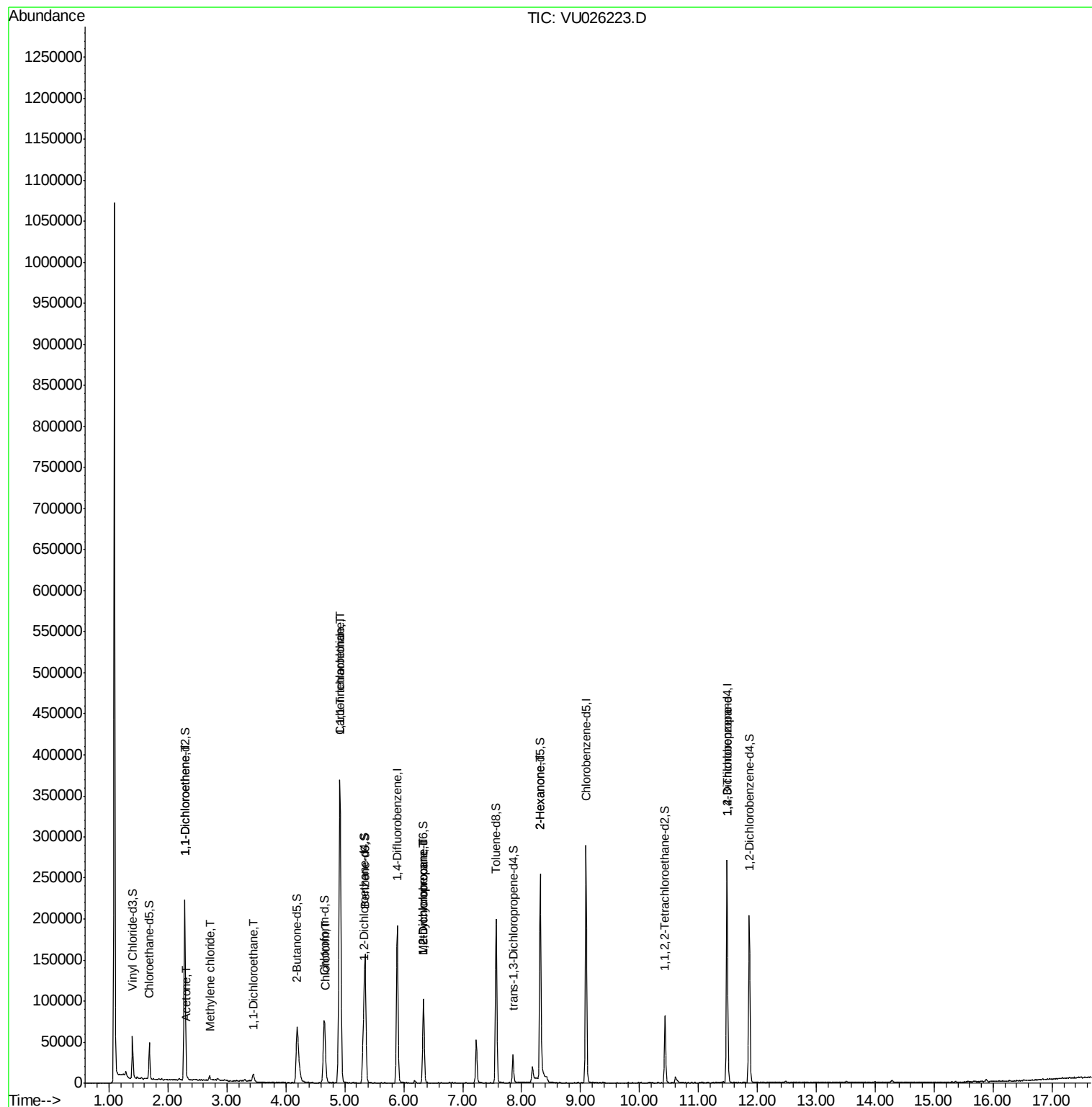
					Qvalue
12) 1,1-Dichloroethene	2.29	96	50734	5.573	ug/L 86
13) Acetone	2.32	43	1886	1.206	ug/L 81
16) Methylene chloride	2.70	84	2187	0.203	ug/L 88
19) 1,1-Dichloroethane	3.45	63	8543	0.454	ug/L 95
25) Chloroform	4.67	83	7966	0.347	ug/L 97
29) 1,1,1-Trichloroethane	4.92	97	289356	14.188	ug/L 99
31) Carbon tetrachloride	4.91	117	38033	2.050	ug/L 98
35) Methylcyclohexane	6.33	83	11822	0.648	ug/L # 16
37) 1,2-Dichloropropane	6.33	63	5589	0.455	ug/L # 95
48) 2-Hexanone	8.31	43	10488	2.275	ug/L # 66
59) 1,2,3-Trichloropropane	11.49	75	8279	1.115	ug/L 91

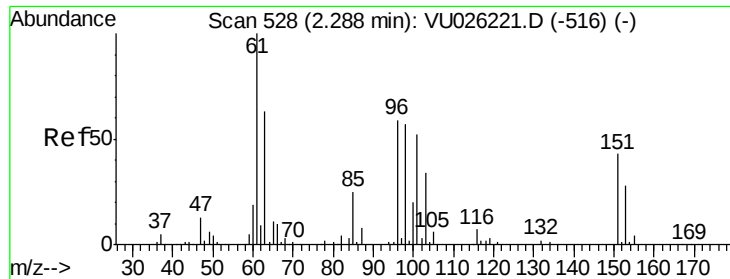
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.573 ug/L

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU026223.D

Acq: 21 Aug 2018 11:23

Instrument :

MSVOA_U

ClientSampleId :

C0341DL

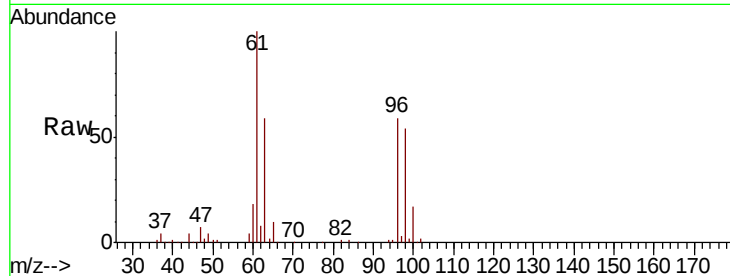
Tgt Ion: 96 Resp: 50734

Ion Ratio Lower Upper

96 100

61 169.8 125.3 232.7

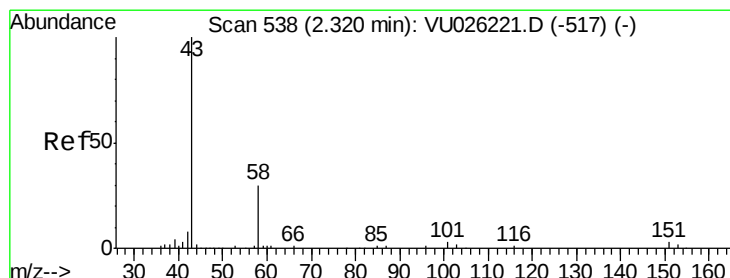
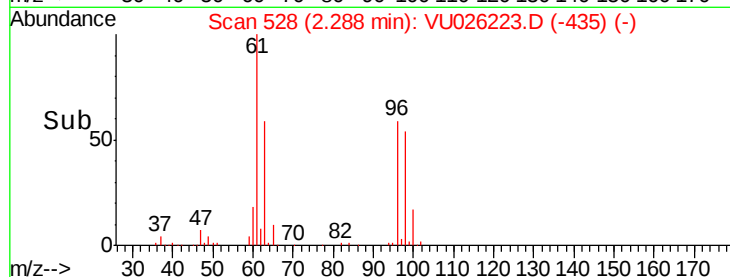
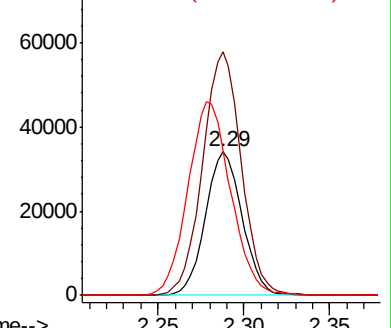
63 101.0 90.9 168.9



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: 1.206 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026223.D

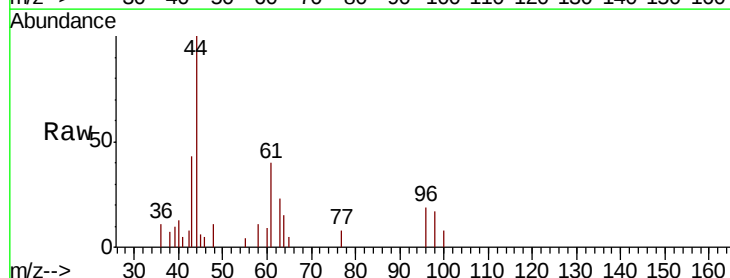
Acq: 21 Aug 2018 11:23

Tgt Ion: 43 Resp: 1886

Ion Ratio Lower Upper

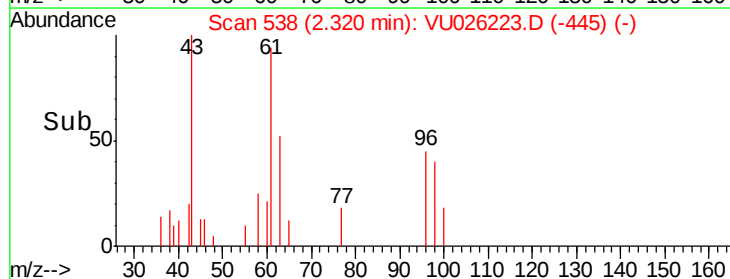
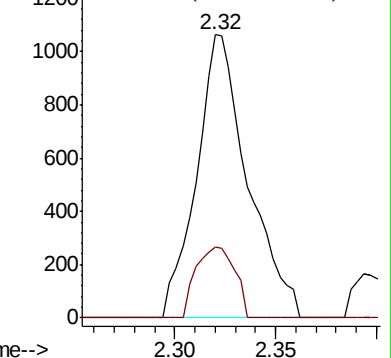
43 100

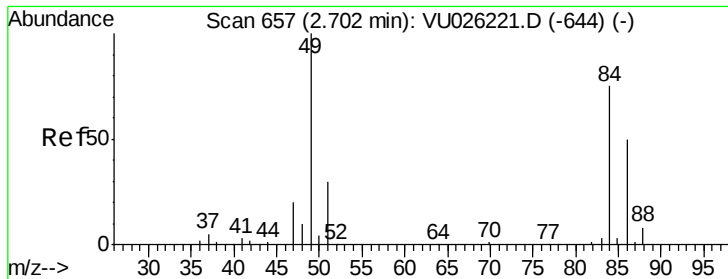
58 19.1 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

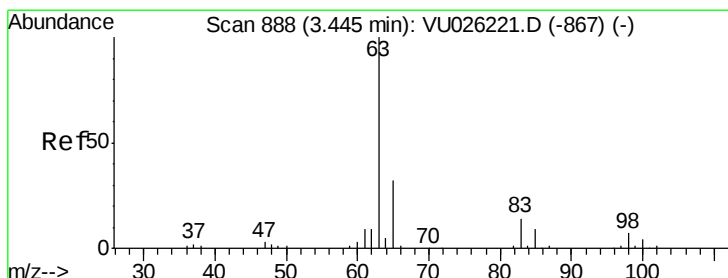
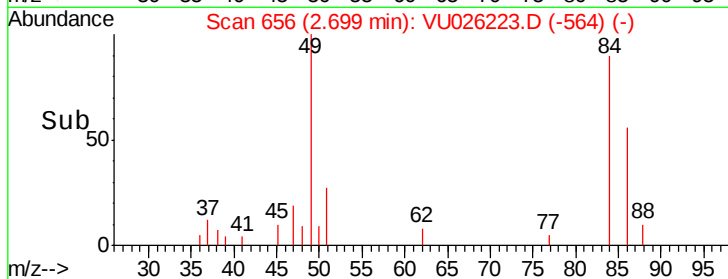
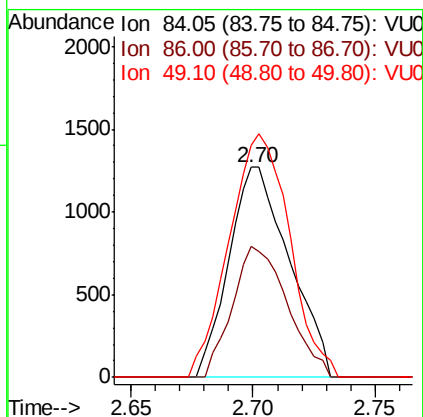
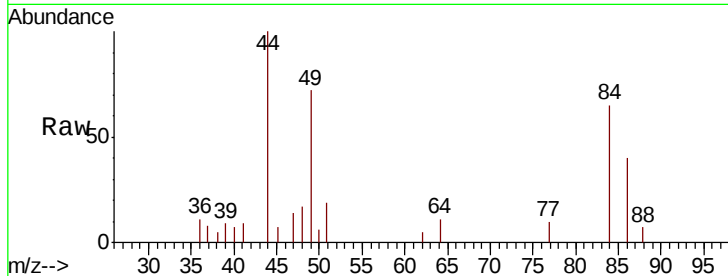




#16
Methylene chloride
Concen: 0.203 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU026223.D
Acq: 21 Aug 2018 11:23

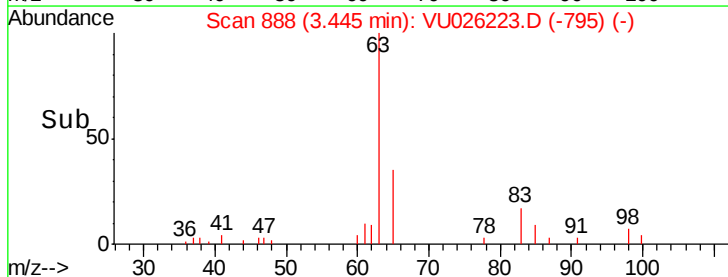
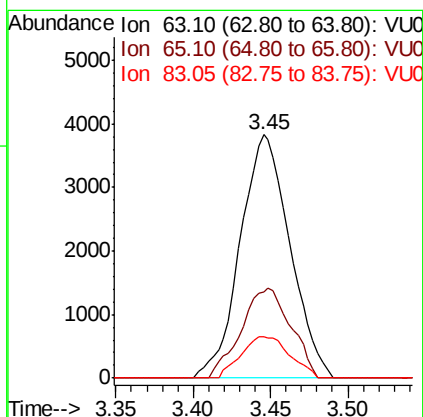
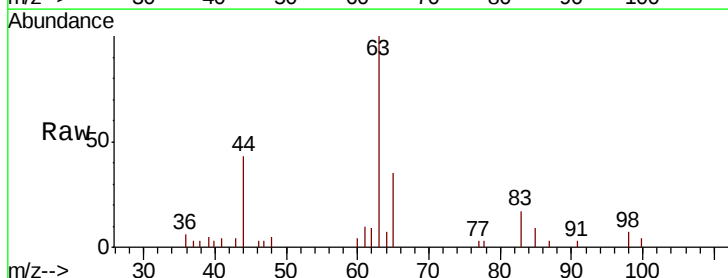
Instrument :
MSVOA_U
ClientSampleId :
C0341DL

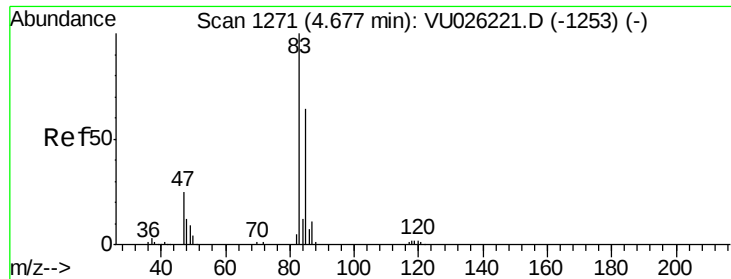
Tgt Ion: 84 Resp: 2187
Ion Ratio Lower Upper
84 100
86 62.2 48.6 90.2
49 110.7 89.0 165.4



#19
1,1-Dichloroethane
Concen: 0.454 ug/L
RT: 3.45 min Scan# 888
Delta R.T. 0.00 min
Lab File: VU026223.D
Acq: 21 Aug 2018 11:23

Tgt Ion: 63 Resp: 8543
Ion Ratio Lower Upper
63 100
65 35.4 23.2 43.0
83 17.1 10.1 18.9

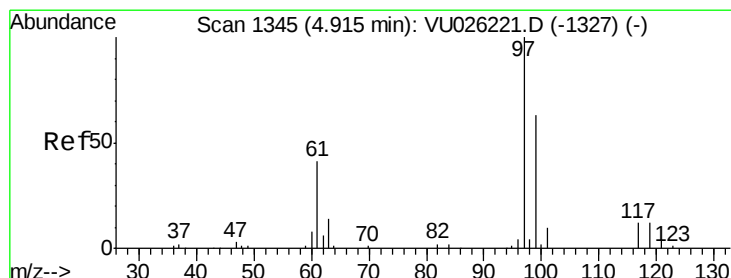
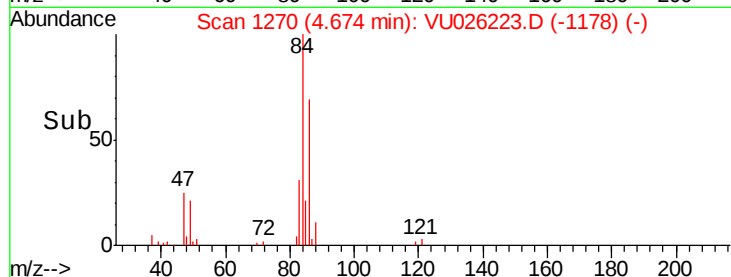
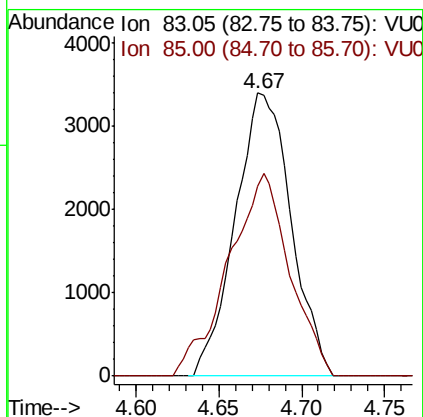
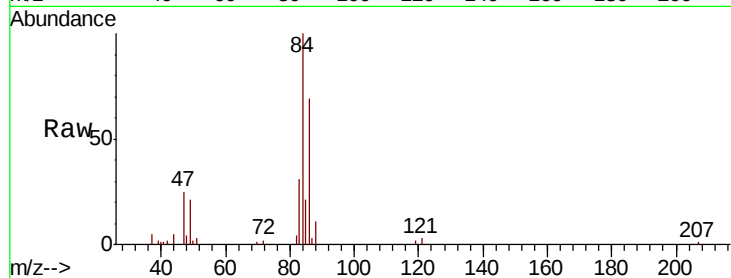




#25
Chloroform
Concen: 0.347 ug/L
RT: 4.67 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU026223.D
Acq: 21 Aug 2018 11:23

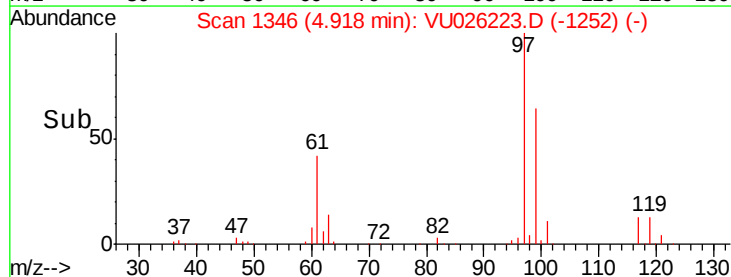
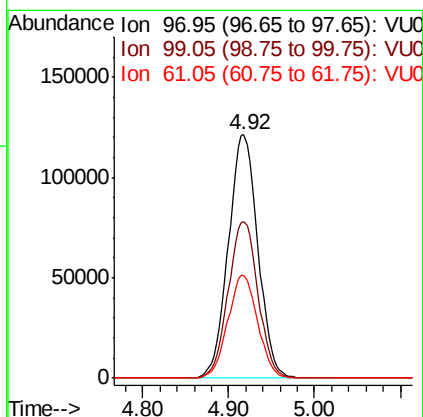
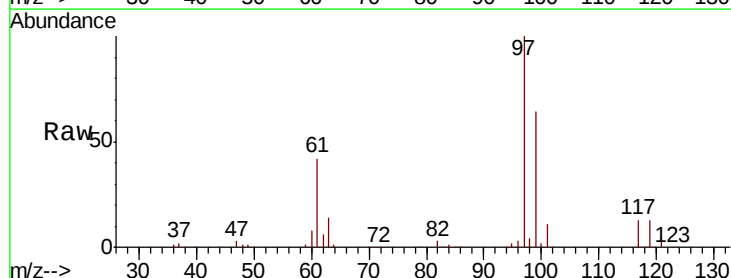
Instrument :
MSVOA_U
ClientSampleId :
C0341DL

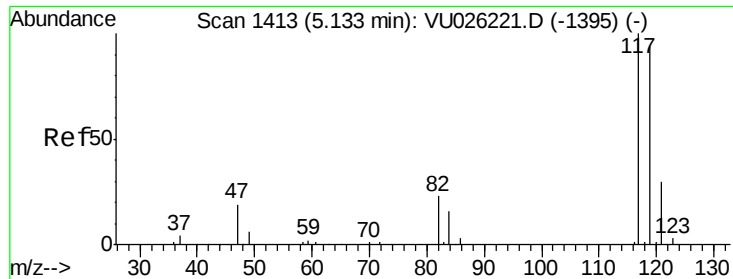
Tgt Ion: 83 Resp: 7966
Ion Ratio Lower Upper
83 100
85 67.0 45.5 84.5



#29
1,1,1-Trichloroethane
Concen: 14.188 ug/L
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU026223.D
Acq: 21 Aug 2018 11:23

Tgt Ion: 97 Resp: 289356
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 42.7 35.0 52.6





#31

Carbon tetrachloride

Concen: 2.050 ug/L

RT: 4.91 min Scan# 1345

Delta R.T. -0.22 min

Lab File: VU026223.D

Acq: 21 Aug 2018 11:23

Instrument :

MSVOA_U

ClientSampleId :

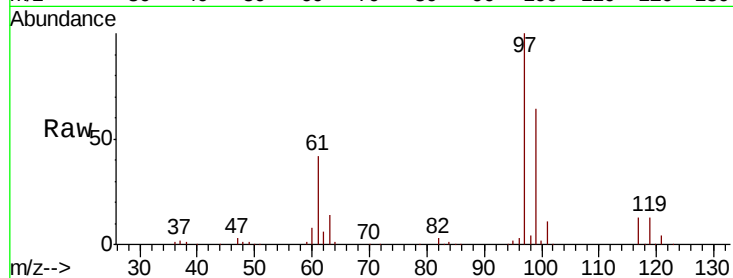
C0341DL

Tgt Ion:117 Resp: 38033

Ion Ratio Lower Upper

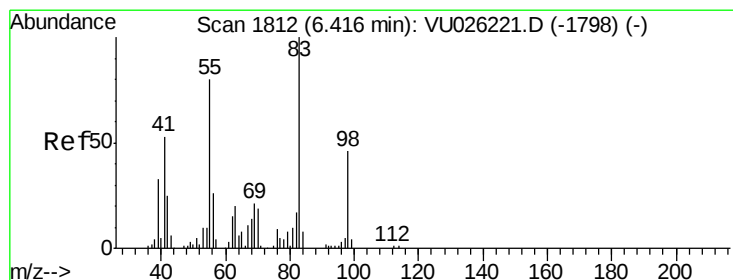
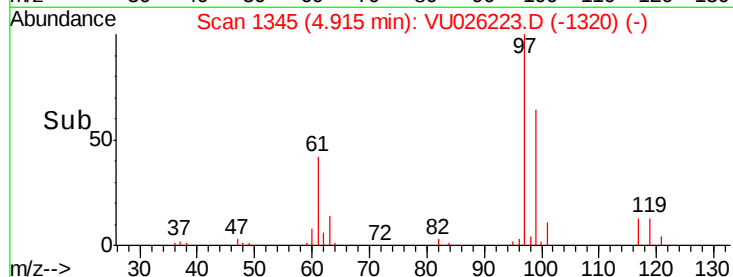
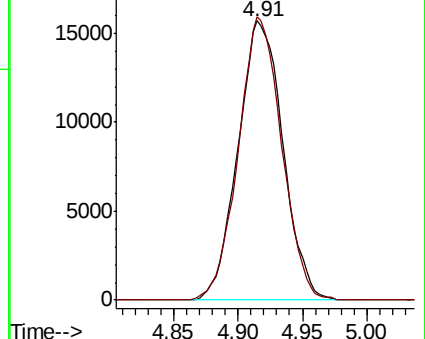
117 100

119 97.9 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: 0.648 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.08 min

Lab File: VU026223.D

Acq: 21 Aug 2018 11:23

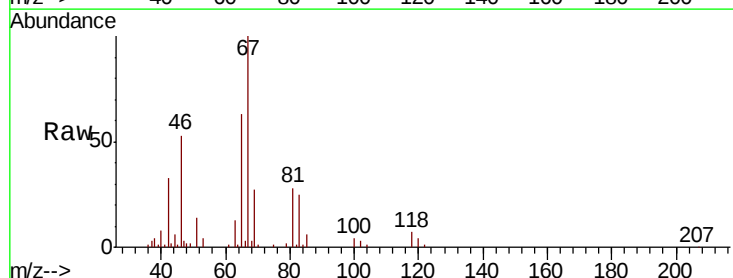
Tgt Ion: 83 Resp: 11822

Ion Ratio Lower Upper

83 100

55 0.0 65.0 97.4#

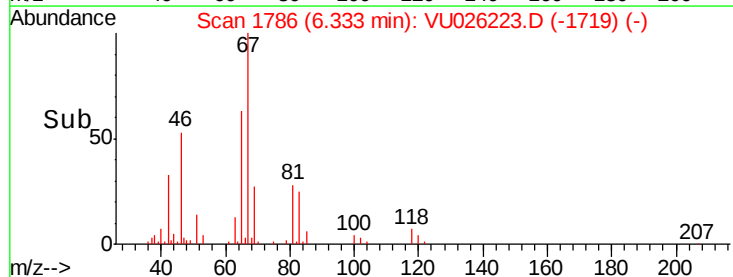
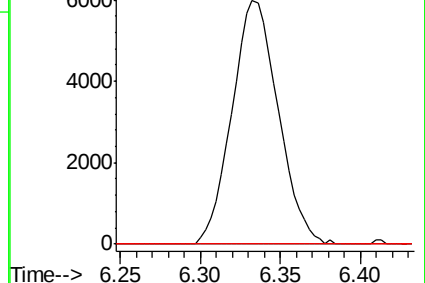
98 0.0 37.8 56.6#

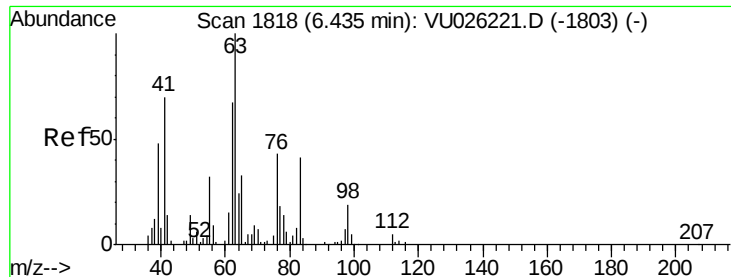


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

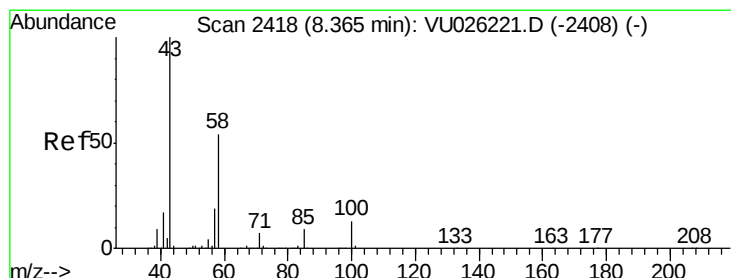
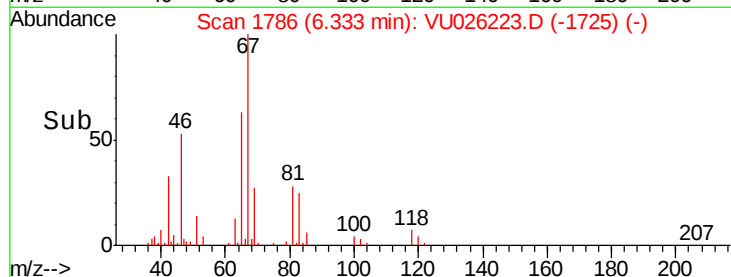
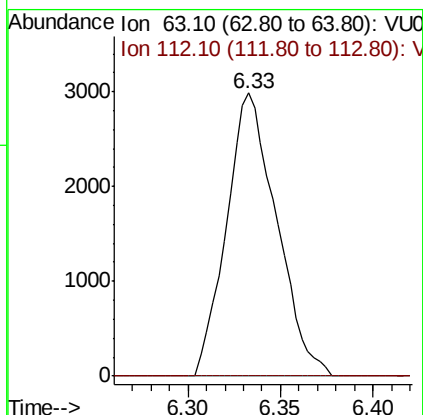
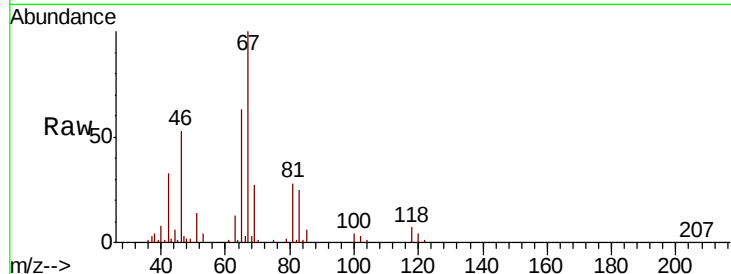




#37
 1,2-Dichloropropane
 Concen: 0.455 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026223.D
 Acq: 21 Aug 2018 11:23

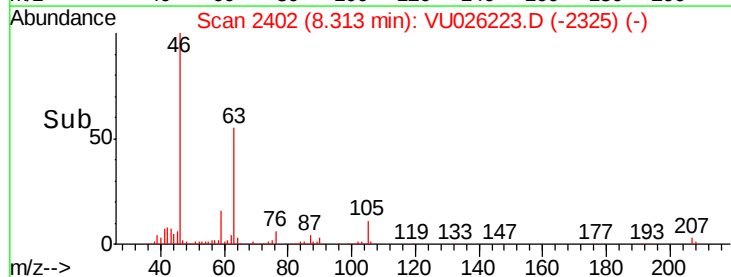
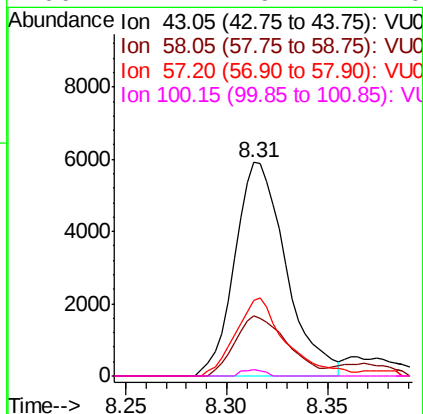
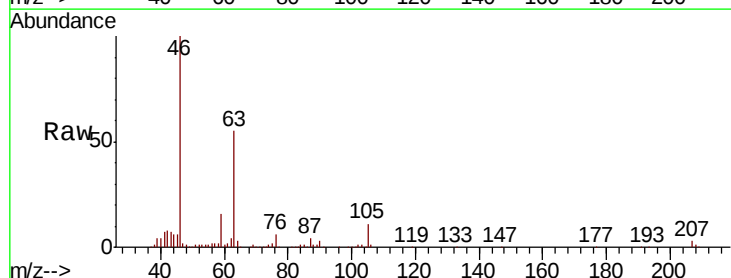
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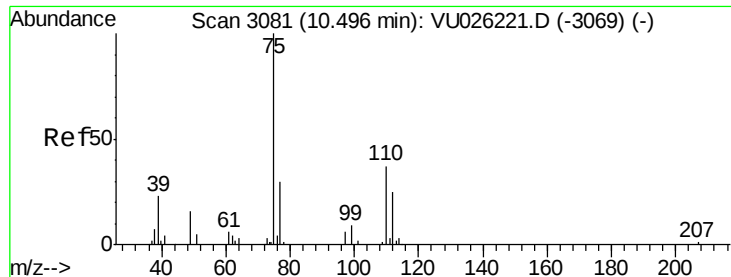
Tgt Ion: 63 Resp: 5589
 Ion Ratio Lower Upper
 63 100
 112 0.0 1.4 2.2#



#48
 2-Hexanone
 Concen: 2.275 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU026223.D
 Acq: 21 Aug 2018 11:23

Tgt Ion: 43 Resp: 10488
 Ion Ratio Lower Upper
 43 100
 58 28.9 43.1 64.7#
 57 35.6 15.4 23.0#
 100 1.4 9.4 14.0#





#59

1,2,3-Trichloropropane

Concen: 1.115 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026223.D

Acq: 21 Aug 2018 11:23

Instrument :

MSVOA_U

ClientSampleId :

C0341DL

Tgt Ion: 75 Resp: 8279

Ion Ratio Lower Upper

75 100

77 31.2 29.0 43.4

