

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082118\
 Data File : VU026224.D
 Acq On : 21 Aug 2018 11:47
 Operator : MD/SY
 Sample : J4515-17DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0342DL

Quant Time: Aug 22 00:25:05 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	134313	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	133903	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63185	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35193	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.68	69	30081	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.28	63	82075	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.40%
20) 2-Butanone-d5	4.19	46	111927	55.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.52%
24) Chloroform-d	4.65	84	83178	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.31	65	46879	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.35	84	159121	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.33	67	51652	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.57	98	139249	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.85	79	19594	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.32	63	87937	52.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.44%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	42313	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	60049	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

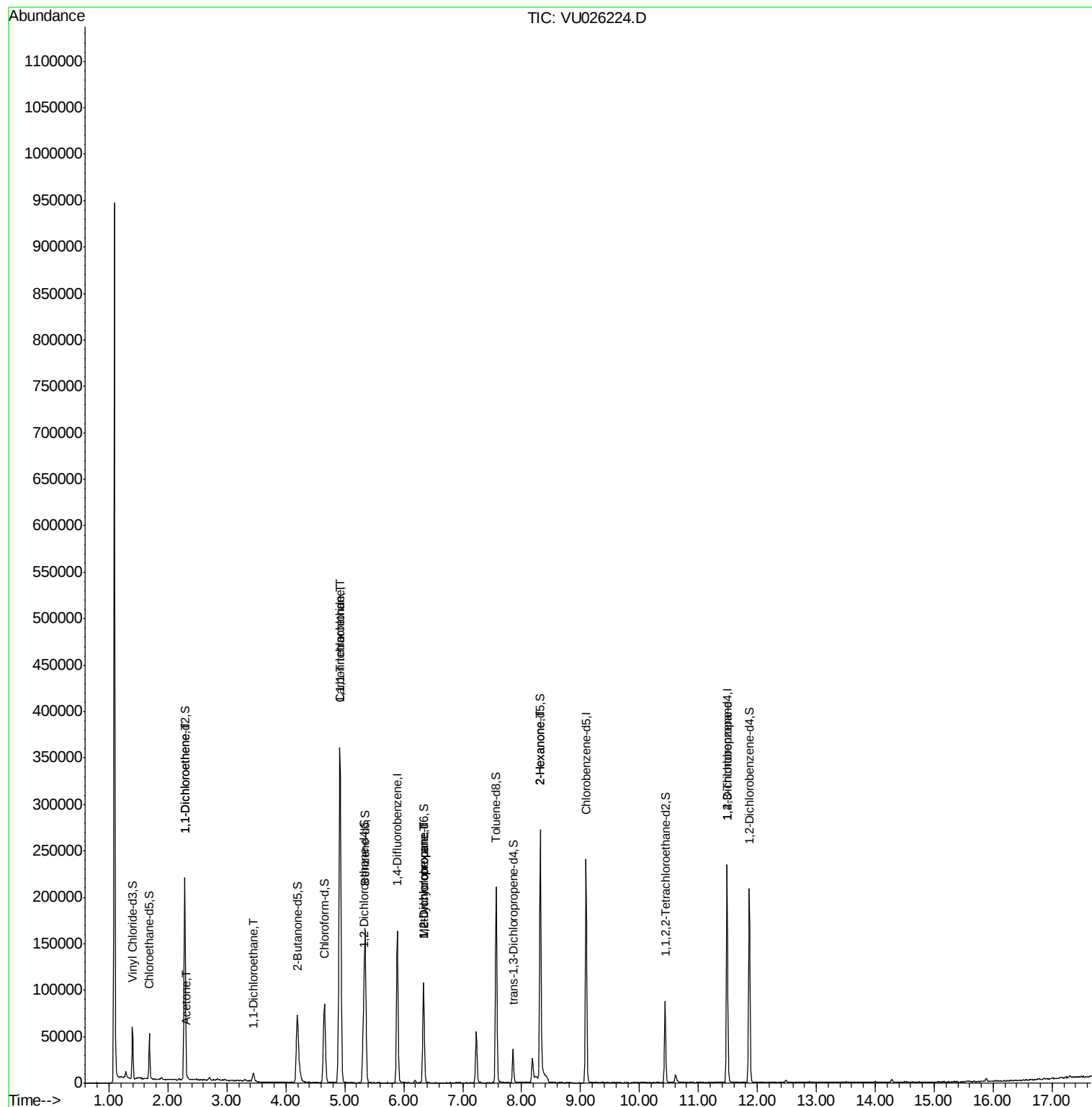
					Qvalue
12) 1,1-Dichloroethene	2.29	96	48475	6.209 ug/L	94
13) Acetone	2.32	43	1457	1.086 ug/L	70
19) 1,1-Dichloroethane	3.45	63	8405	0.521 ug/L	98
29) 1,1,1-Trichloroethane	4.92	97	282077	16.264 ug/L	99
31) Carbon tetrachloride	4.91	117	37914	2.403 ug/L	98
35) Methylcyclohexane	6.33	83	12049	0.777 ug/L #	17
37) 1,2-Dichloropropane	6.34	63	5358	0.512 ug/L #	95
48) 2-Hexanone	8.32	43	12031	3.069 ug/L #	67
59) 1,2,3-Trichloropropane	11.49	75	6591	1.044 ug/L	92

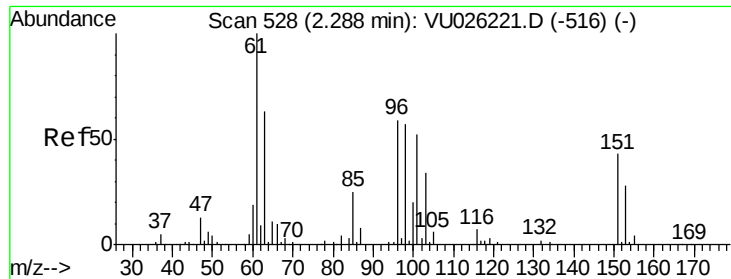
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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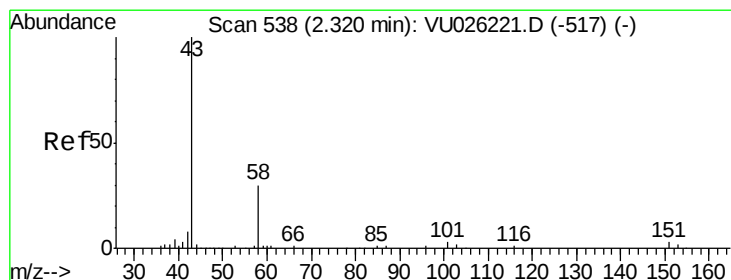
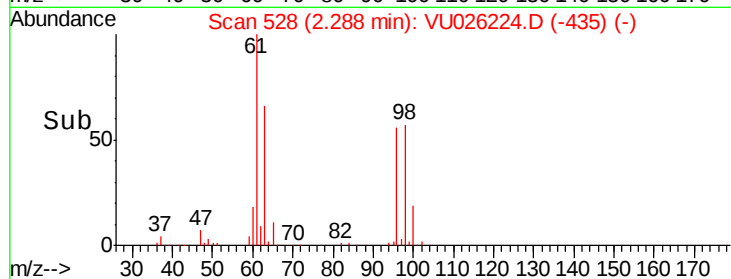
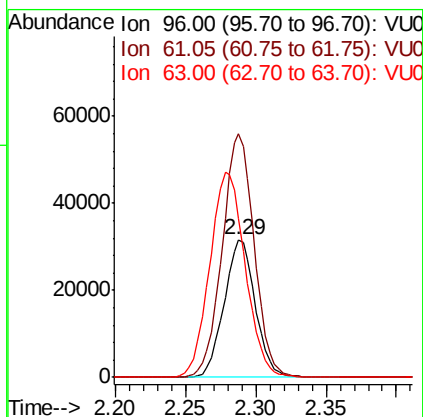
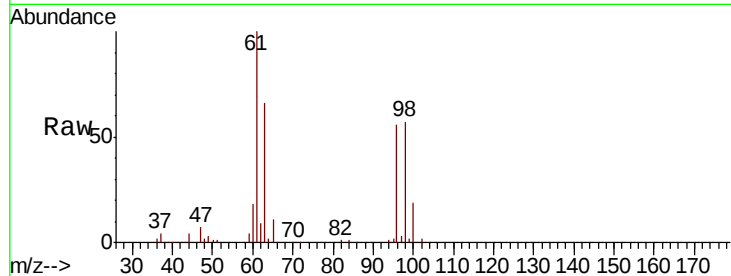




#12
 1,1-Dichloroethene
 Concen: 6.209 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU026224.D
 Acq: 21 Aug 2018 11:47

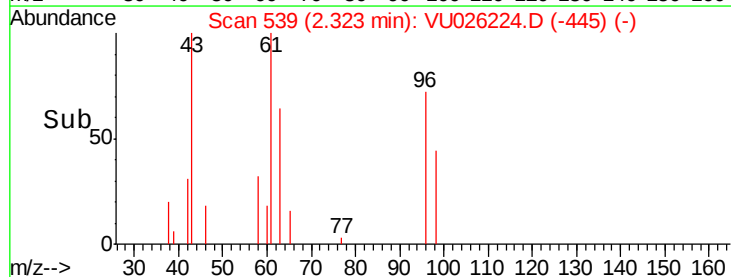
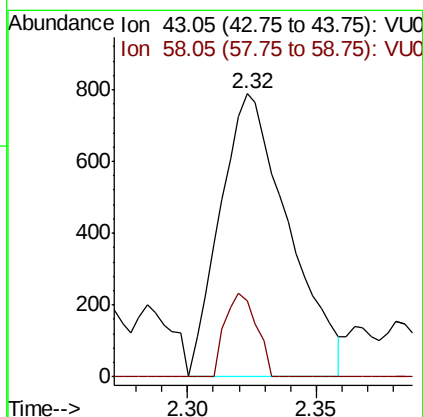
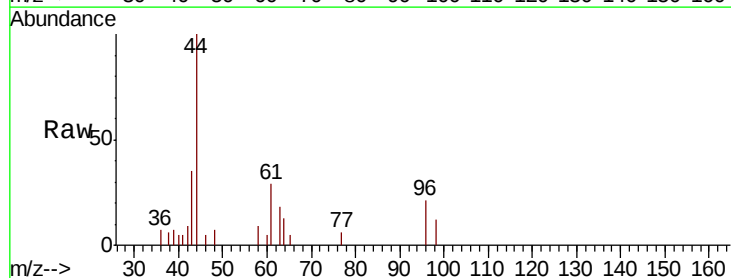
Instrument :
 MSVOA_U
 ClientSampleId :
 C0342DL

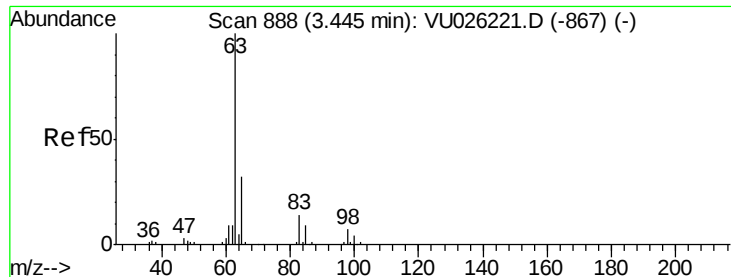
Tgt Ion	Resp	Lower	Upper
96	48475		
61	177.1	125.3	232.7
63	116.2	90.9	168.9



#13
 Acetone
 Concen: 1.086 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU026224.D
 Acq: 21 Aug 2018 11:47

Tgt Ion	Resp	Lower	Upper
43	1457		
58	13.5	0.0	59.0

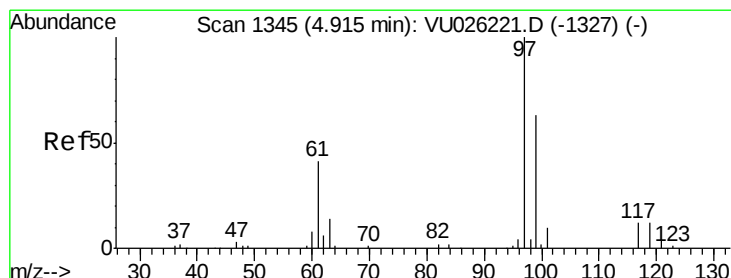
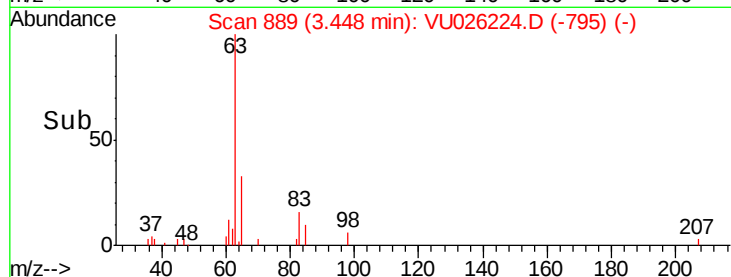
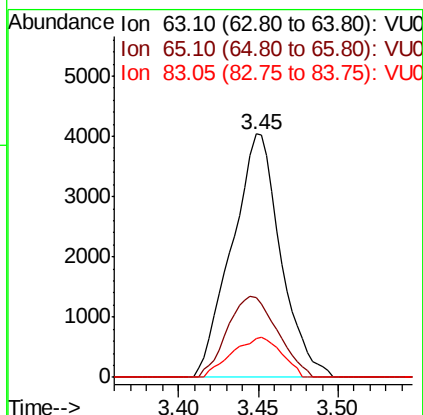
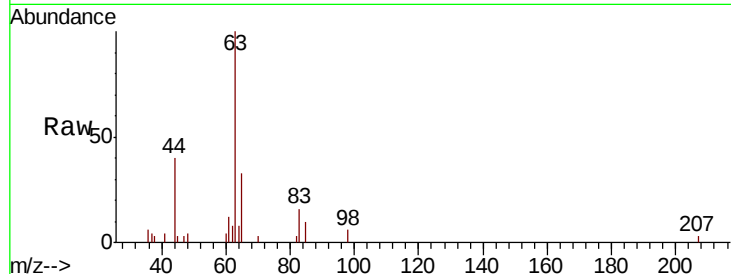




#19
 1,1-Dichloroethane
 Concen: 0.521 ug/L
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU026224.D
 Acq: 21 Aug 2018 11:47

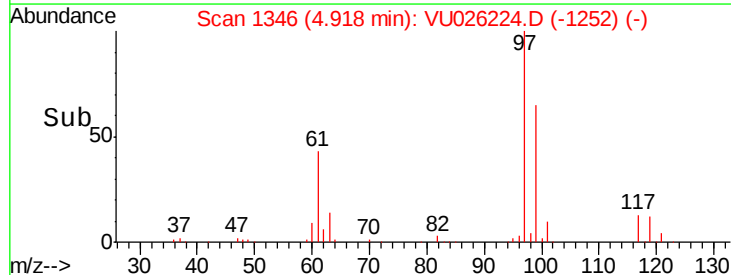
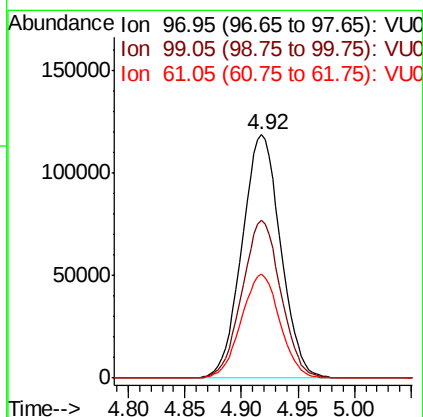
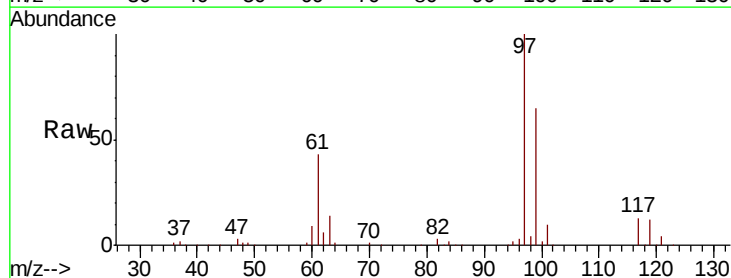
Instrument :
 MSVOA_U
 ClientSampled :
 C0342DL

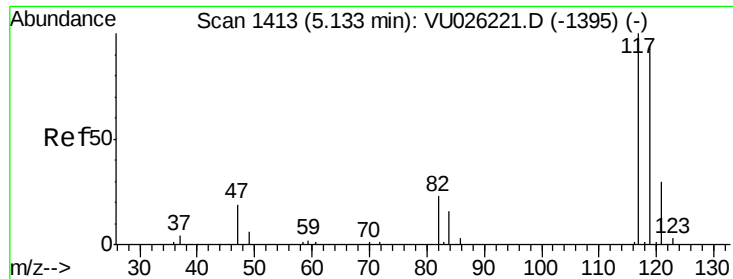
Tgt Ion: 63 Resp: 8405
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.2 43.0
 83 16.0 10.1 18.9



#29
 1,1,1-Trichloroethane
 Concen: 16.264 ug/L
 RT: 4.92 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VU026224.D
 Acq: 21 Aug 2018 11:47

Tgt Ion: 97 Resp: 282077
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.3 78.5
 61 42.7 35.0 52.6

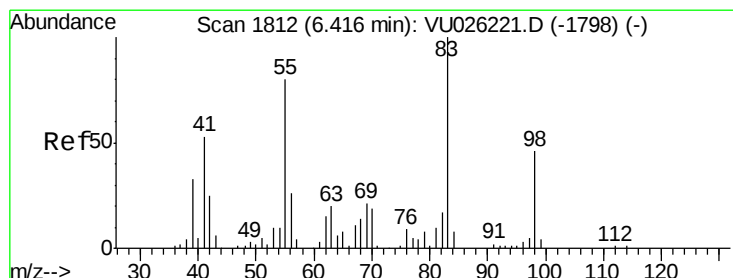
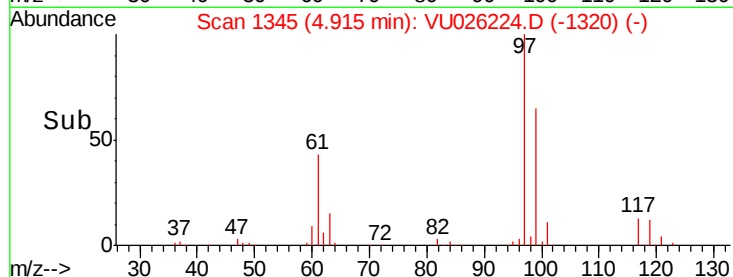
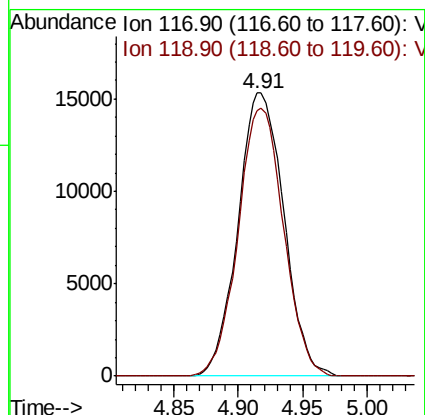
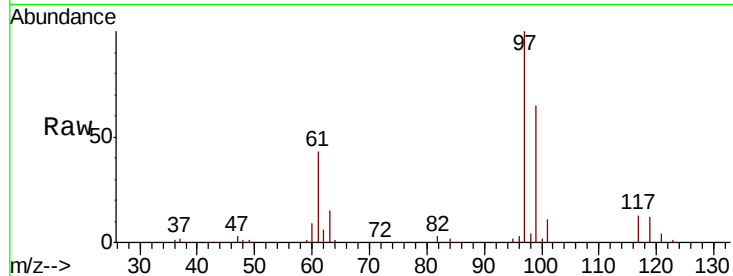




#31
Carbon tetrachloride
Concen: 2.403 ug/L
RT: 4.91 min Scan# 1345
Delta R.T. -0.22 min
Lab File: VU026224.D
Acq: 21 Aug 2018 11:47

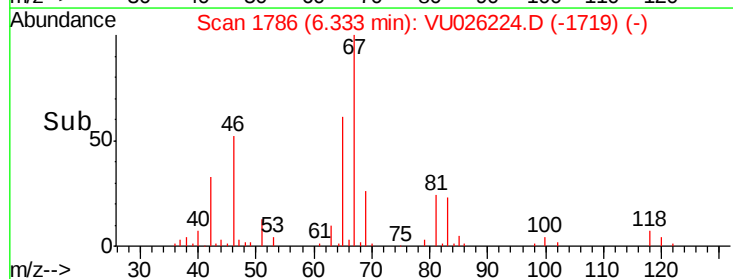
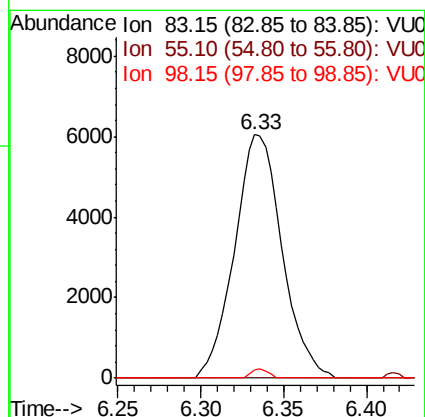
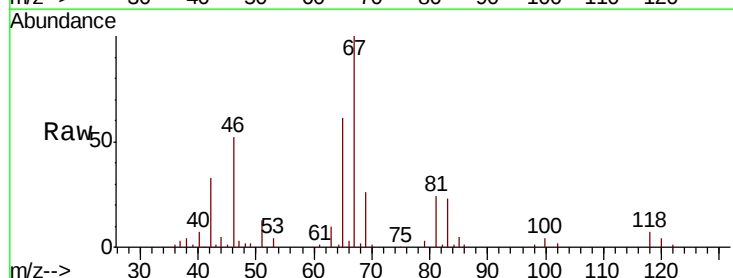
Instrument :
MSVOA_U
ClientSampleId :
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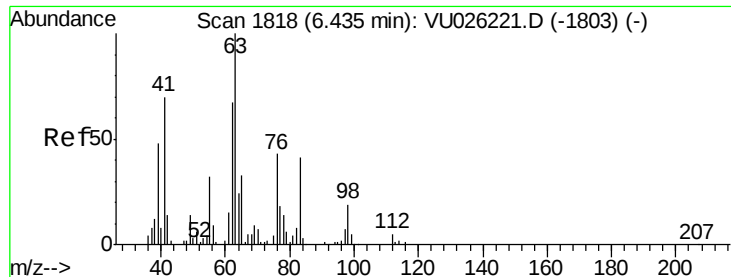
Tgt Ion: 117 Resp: 37914
Ion Ratio Lower Upper
117 100
119 93.9 76.6 115.0



#35
Methylcyclohexane
Concen: 0.777 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026224.D
Acq: 21 Aug 2018 11:47

Tgt Ion: 83 Resp: 12049
Ion Ratio Lower Upper
83 100
55 0.6 65.0 97.4#
98 1.3 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.512 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU026224.D

Acq: 21 Aug 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

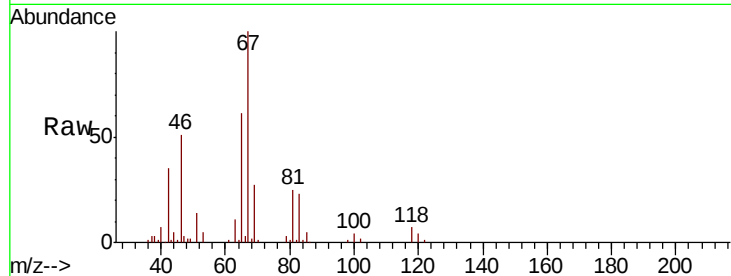
C0342DL

Tgt Ion: 63 Resp: 5358

Ion Ratio Lower Upper

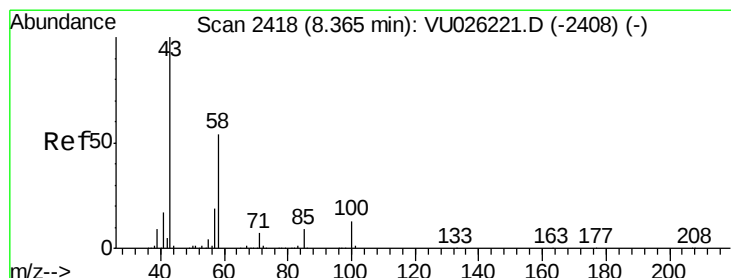
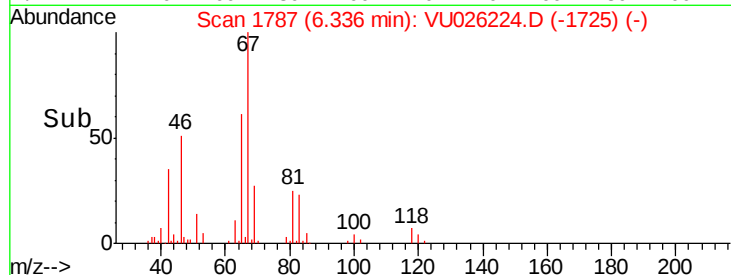
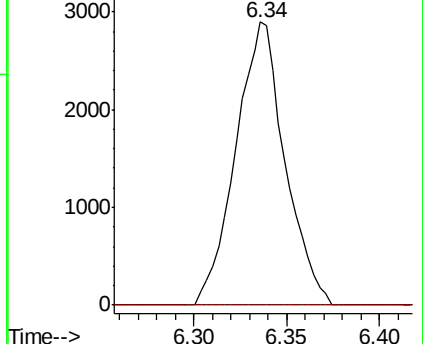
63 100

112 0.0 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: 3.069 ug/L

RT: 8.32 min Scan# 2403

Delta R.T. -0.05 min

Lab File: VU026224.D

Acq: 21 Aug 2018 11:47

Tgt Ion: 43 Resp: 12031

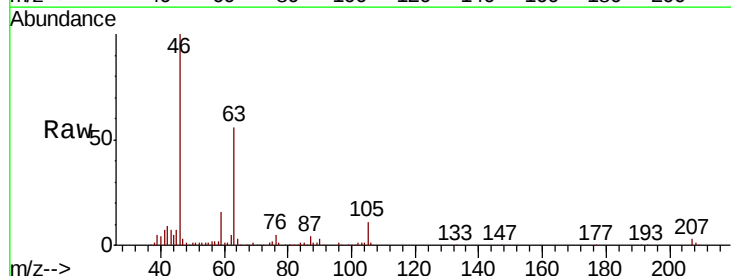
Ion Ratio Lower Upper

43 100

58 30.2 43.1 64.7#

57 35.7 15.4 23.0#

100 2.2 9.4 14.0#

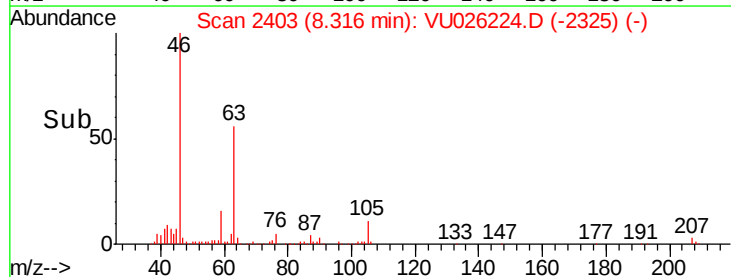
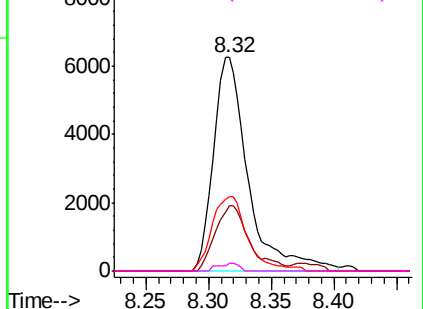


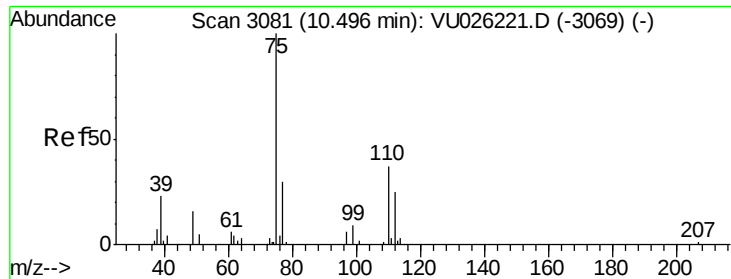
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.044 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026224.D

Acq: 21 Aug 2018 11:47

Instrument :

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Tgt Ion: 75 Resp: 6591

Ion Ratio Lower Upper

75 100

77 40.8 29.0 43.4

