

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082818\
 Data File : VU026414.D
 Acq On : 28 Aug 2018 22:08
 Operator : MD/SY
 Sample : J4633-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 01:41:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 00:08:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	58501	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	59286	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	26123	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	20190	2.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	51.80%
7) Chloroethane-d5	1.68	69	18451	3.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.00%#
11) 1,1-Dichloroethene-d2	2.27	63	32098	2.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.60%#
20) 2-Butanone-d5	4.20	46	54014	37.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.96%
24) Chloroform-d	4.65	84	36578	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.31	65	20497	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
32) Benzene-d6	5.34	84	70602	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.60%#
36) 1,2-Dichloropropane-d6	6.34	67	24485	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.80%
41) Toluene-d8	7.57	98	60126	3.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.40%#
43) trans-1,3-Dichloropropene-	7.85	79	7130	2.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.20%
46) 2-Hexanone-d5	8.32	63	38845	35.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.44%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	19162	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	23522	3.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.20%#

Target Compounds

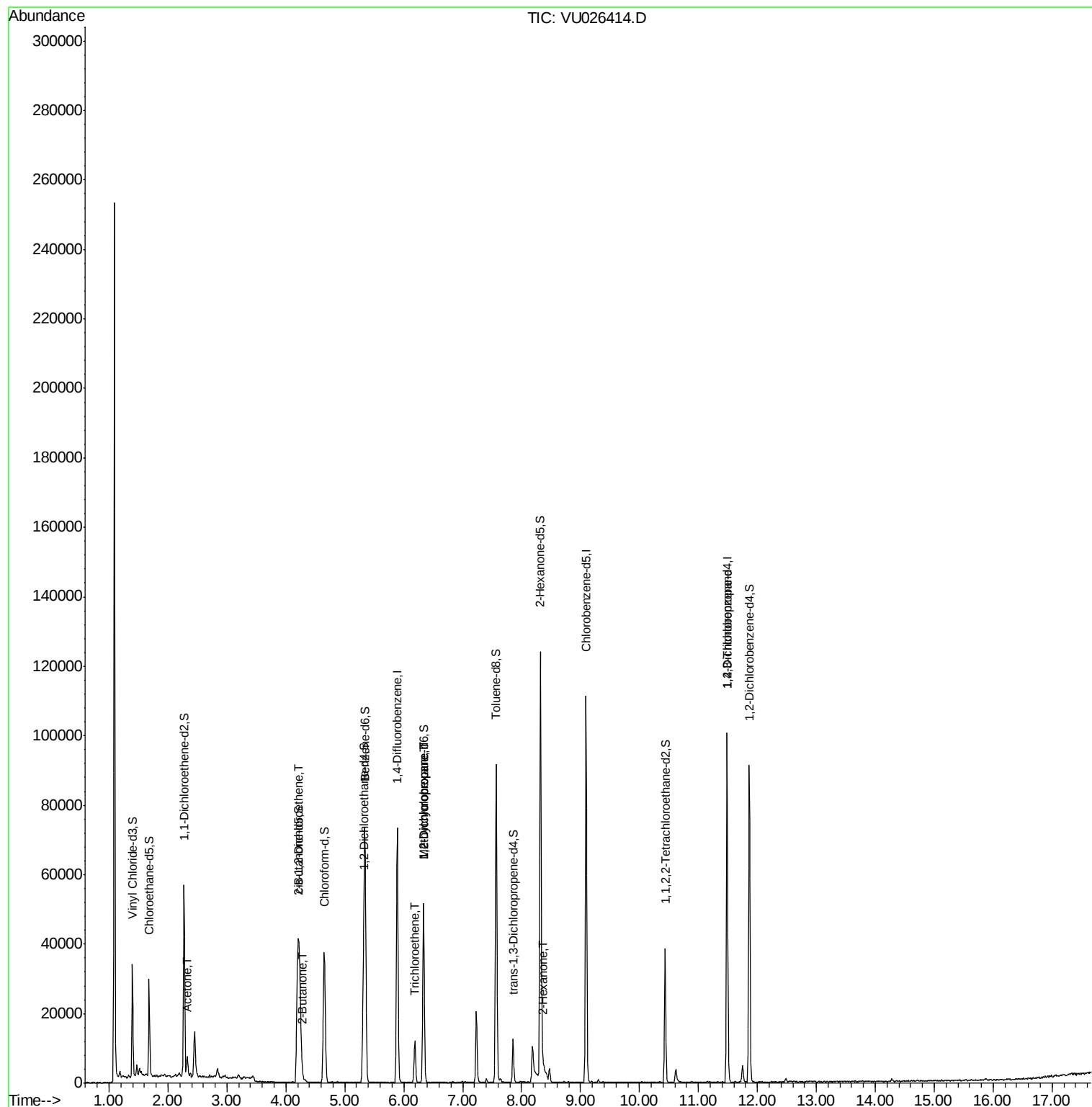
					Ovalue
13) Acetone	2.33	43	5796	5.447	ug/L 99
21) 2-Butanone	4.29	43	858	0.628	ug/L # 58
22) cis-1,2-Dichloroethene	4.23	96	12928	2.438	ug/L 98
34) Trichloroethene	6.19	95	4371	0.823	ug/L 96
35) Methylcyclohexane	6.34	83	5287	0.700	ug/L # 17
37) 1,2-Dichloropropane	6.34	63	2534	0.465	ug/L # 89
48) 2-Hexanone	8.37	43	992	0.436	ug/L # 89
59) 1,2,3-Trichloropropane	11.49	75	3250	1.031	ug/L # 86

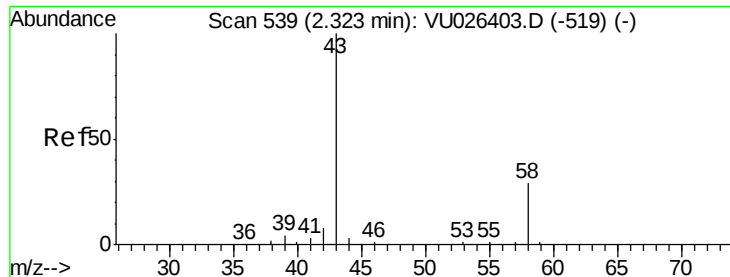
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.447 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU026414.D

Acq: 28 Aug 2018 22:08

Instrument :

MSVOA_U

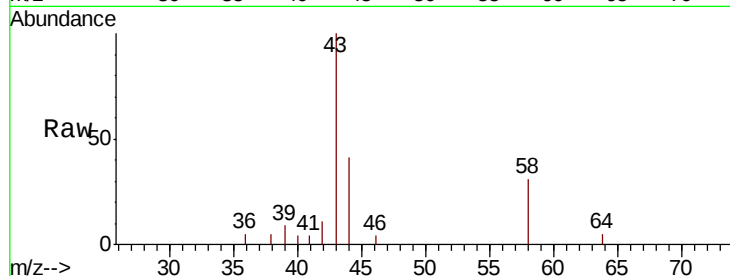
ClientSampleId :

Tot Ion: 43 Resp: 5796

Ion Ratio Lower Upper

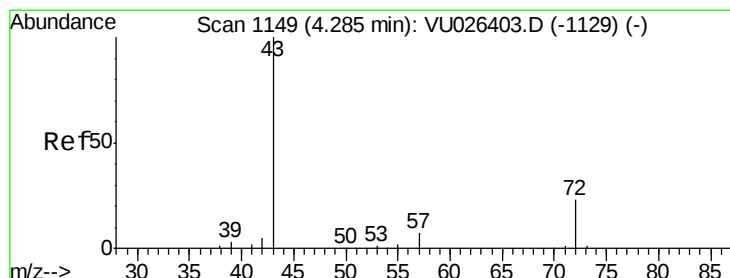
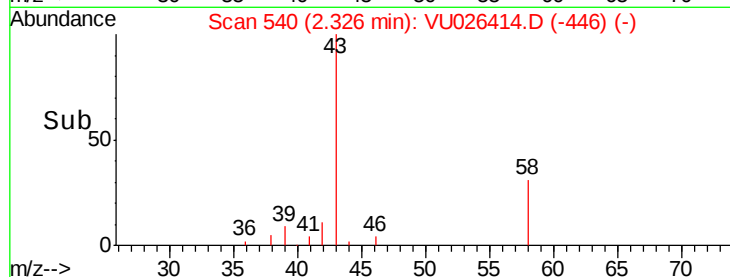
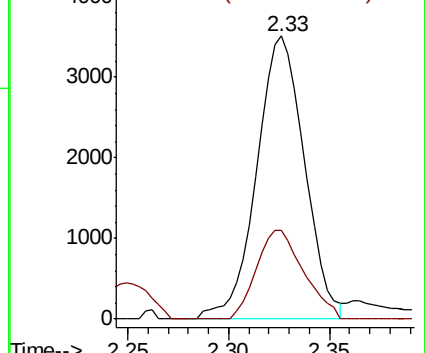
43 100

58 31.0 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 0.628 ug/L

RT: 4.29 min Scan# 1151

Delta R.T. 0.01 min

Lab File: VU026414.D

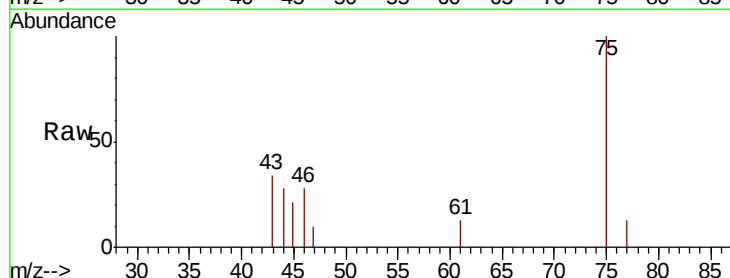
Acq: 28 Aug 2018 22:08

Tgt Ion: 43 Resp: 858

Ion Ratio Lower Upper

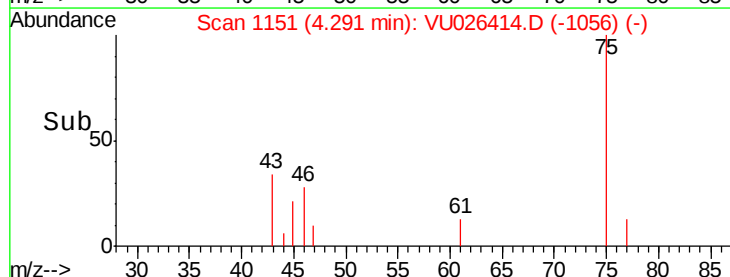
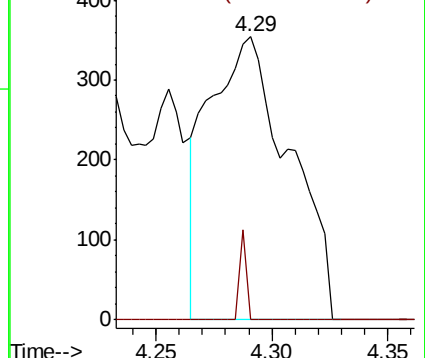
43 100

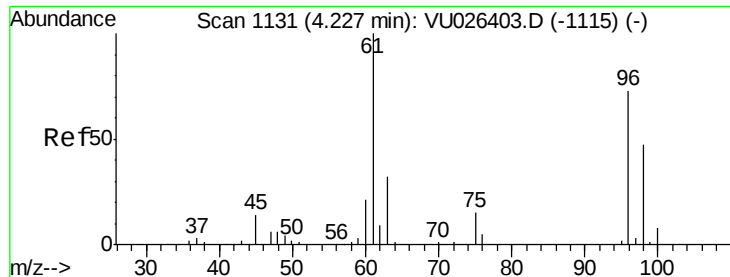
72 2.6 11.4 34.1#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 2.438 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU026414.D

Acq: 28 Aug 2018 22:08

Instrument :

MSVOA_U

ClientSampleId :

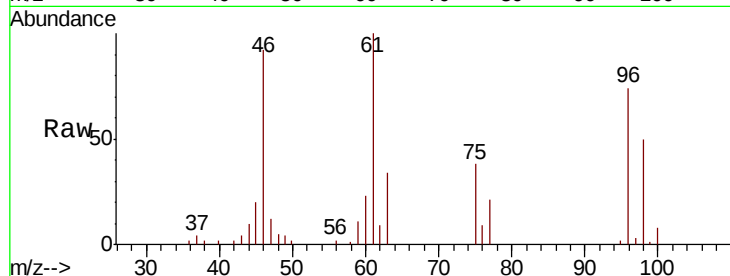
Tot Ion: 96 Resp: 12928

Ion Ratio Lower Upper

96 100

61 134.7 95.9 178.1

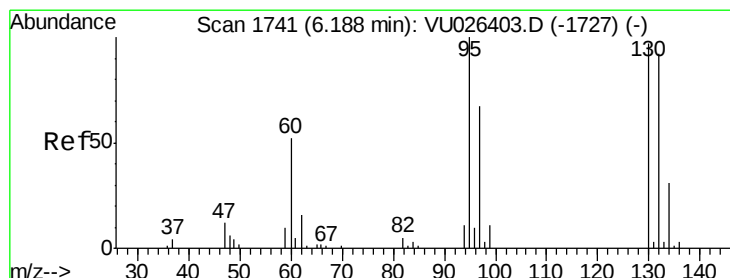
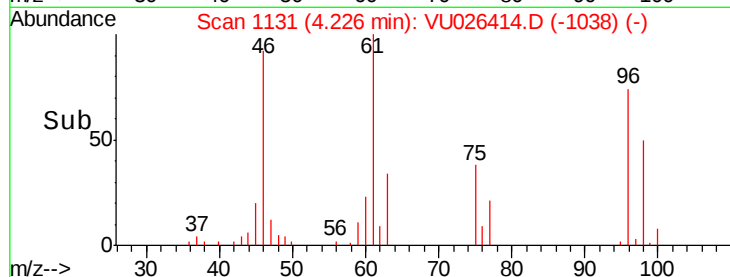
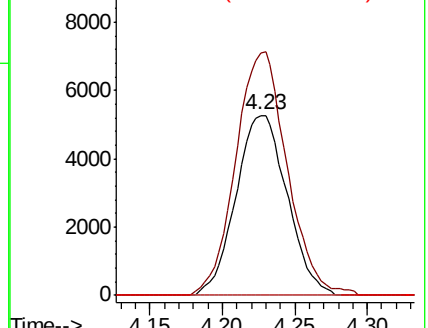
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene

Concen: 0.823 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU026414.D

Acq: 28 Aug 2018 22:08

Tgt Ion: 95 Resp: 4371

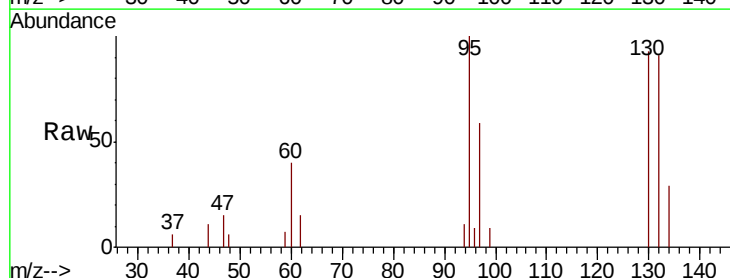
Ion Ratio Lower Upper

95 100

97 59.2 46.6 86.6

132 91.2 64.2 119.2

130 93.1 68.2 126.6

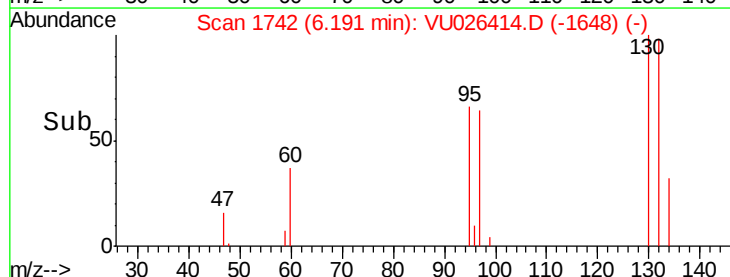
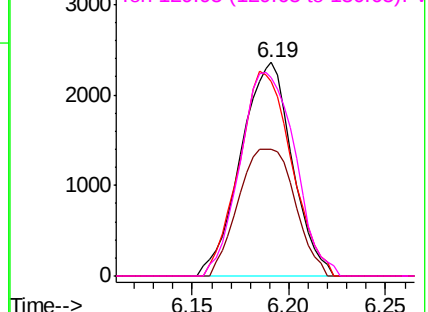


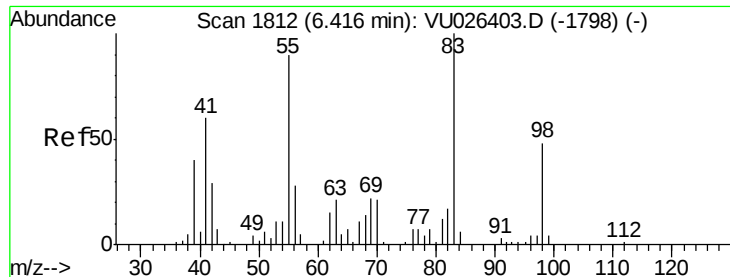
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

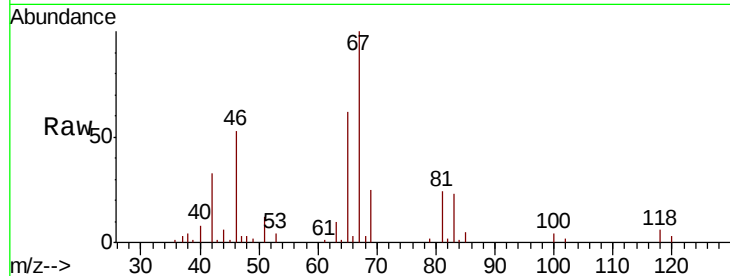




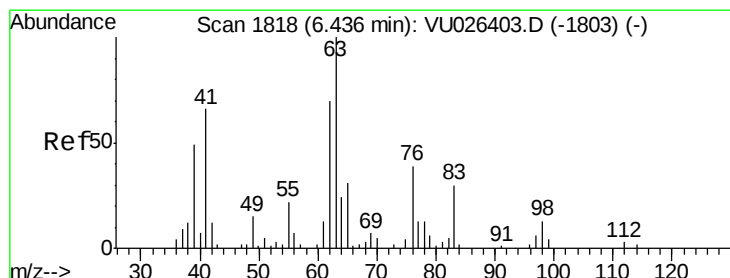
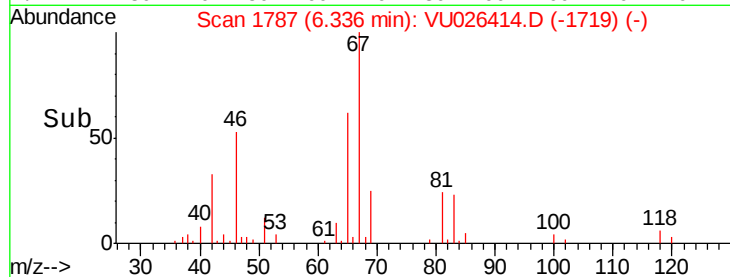
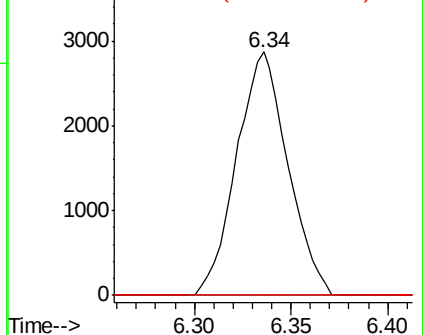
#35
Methvlcvclohexane
Concen: 0.700 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU026414.D
Acq: 28 Aug 2018 22:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.1	102.1#
98	2.5	36.0	54.0#

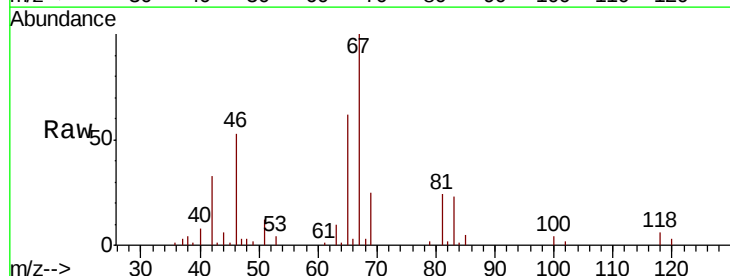


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

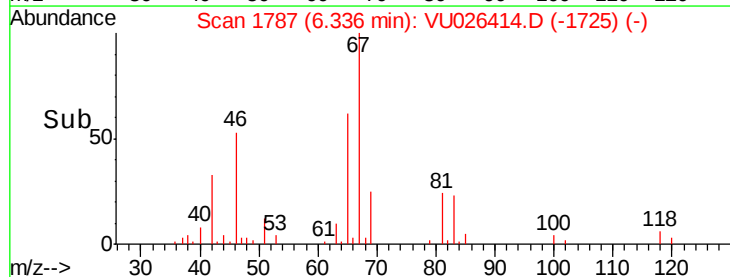
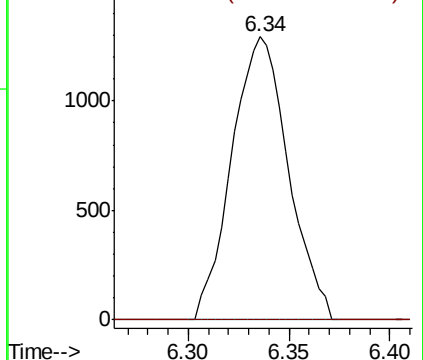


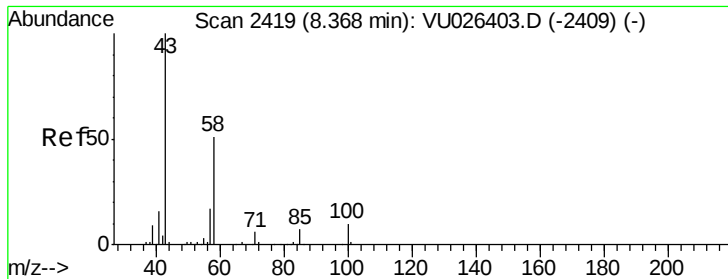
#37
1,2-Dichloropropane
Concen: 0.465 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026414.D
Acq: 28 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



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

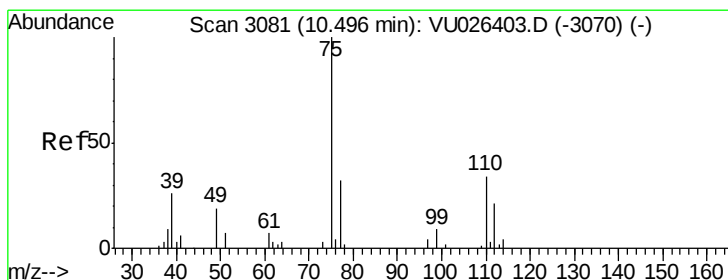
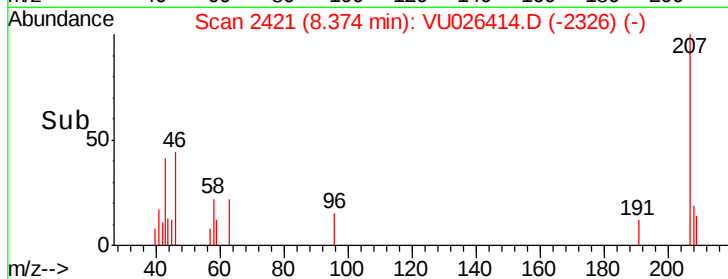
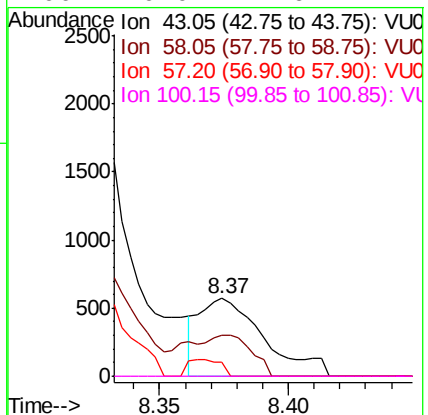
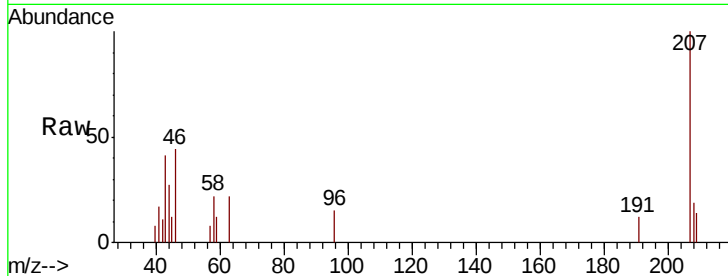




#48
2-Hexanone
Concen: 0.436 ug/L
RT: 8.37 min Scan# 2421
Delta R.T. 0.01 min
Lab File: VU026414.D
Acq: 28 Aug 2018 22:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 55.0 40.5 60.7
57 11.2 14.0 21.0#
100 0.0 7.6 11.4#



#59
1,2,3-Trichloropropane
Concen: 1.031 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU026414.D
Acq: 28 Aug 2018 22:08

Tgt Ion: 75 Resp: 3250
Ion Ratio Lower Upper
75 100
77 39.0 25.0 37.4#

