

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
 Data File : VU031306.D
 Acq On : 18 Apr 2019 14:52
 Operator : JC/SP
 Sample : K2410-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XE3

Quant Time: Apr 19 04:41:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 04:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	199474	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	196329	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77858	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	105687	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.68	69	83679	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.27	63	156819	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.20	46	215076	50.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.06%
24) Chloroform-d	4.64	84	137130	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.31	65	76743	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.34	84	263268	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.33	67	85707	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.56	98	269378	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
43) trans-1,3-Dichloropropene-	7.85	79	40153	5.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.60%
46) 2-Hexanone-d5	8.31	63	157304	49.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	71378	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	81338	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

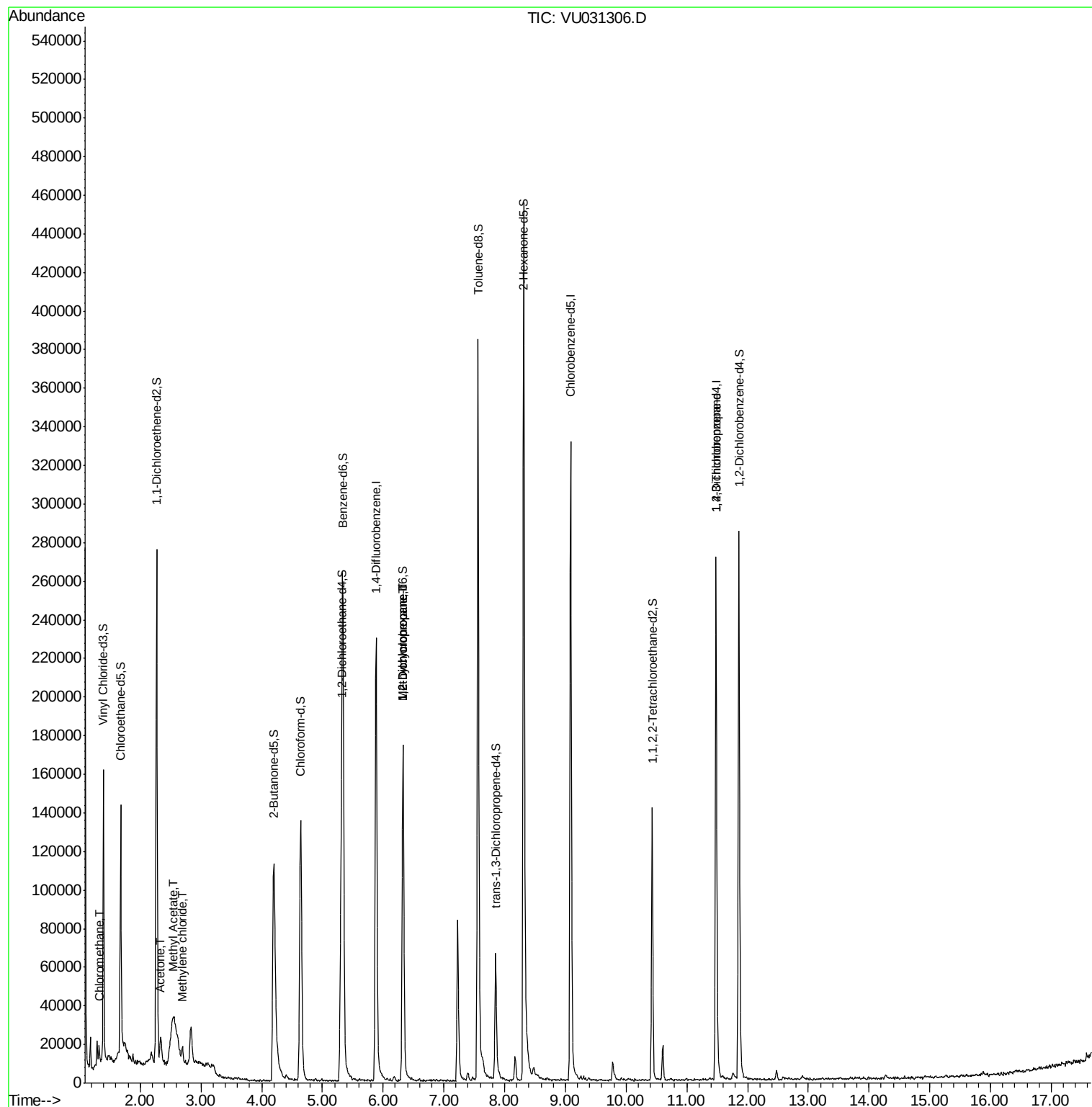
					Qvalue
3) Chloromethane	1.32	50	4135	0.133 ug/L	93
13) Acetone	2.34	43	14711	3.076 ug/L	99
15) Methyl Acetate	2.55	43	4596	0.352 ug/L #	56
16) Methylene chloride	2.70	84	3605	0.139 ug/L #	72
35) Methylcyclohexane	6.33	83	19204	0.774 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	9958	0.567 ug/L #	91
59) 1,2,3-Trichloropropane	11.48	75	8417	0.734 ug/L	96

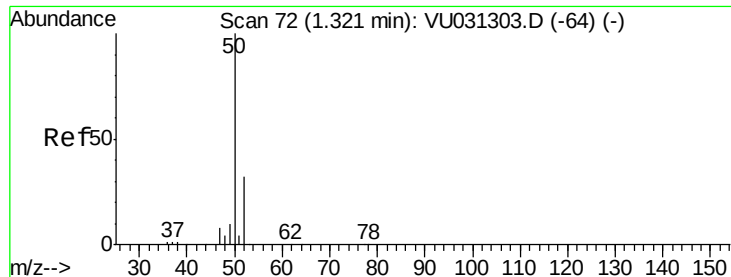
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.133 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU031306.D

Acq: 18 Apr 2019 14:52

Instrument :

MSVOA_U

ClientSampleId :

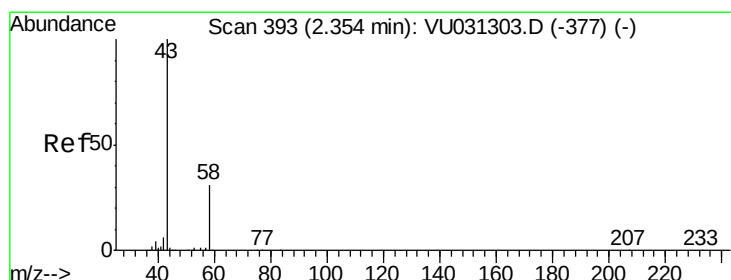
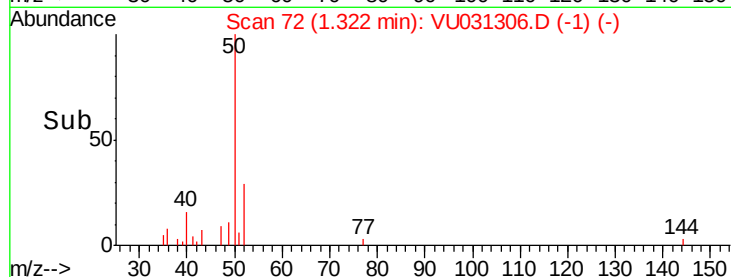
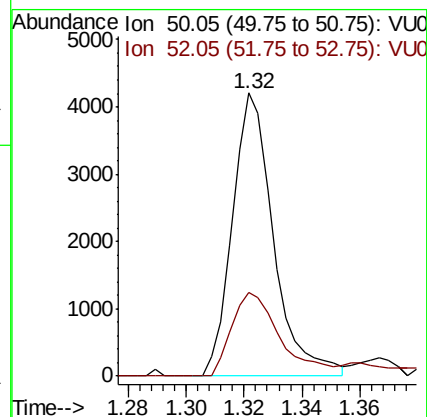
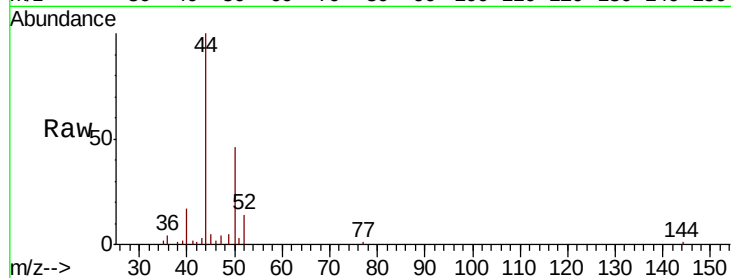
C0XE3

Tgt Ion: 50 Resp: 4135

Ion Ratio Lower Upper

50 100

52 29.4 23.2 43.2



#13

Acetone

Concen: 3.076 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU031306.D

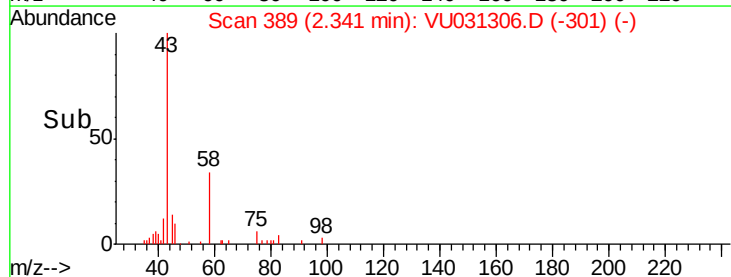
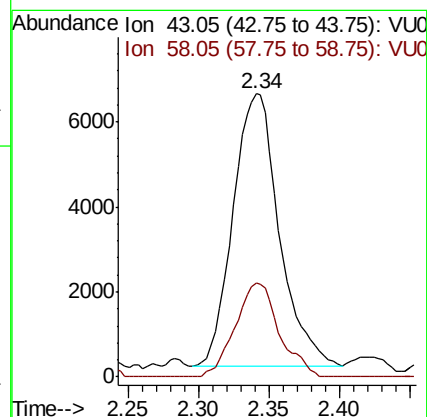
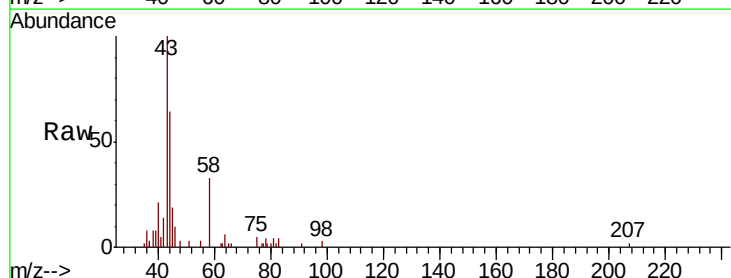
Acq: 18 Apr 2019 14:52

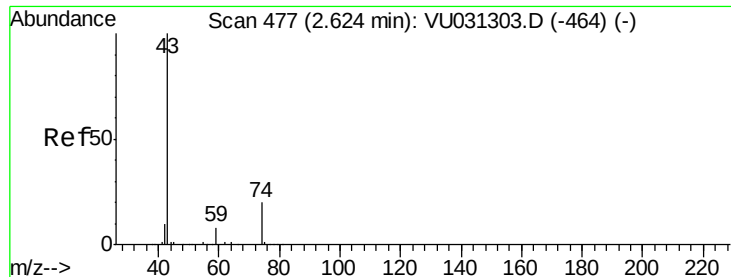
Tgt Ion: 43 Resp: 14711

Ion Ratio Lower Upper

43 100

58 32.6 0.0 64.4





#15

Methyl Acetate

Concen: 0.352 ug/L

RT: 2.55 min Scan# 453

Delta R.T. -0.08 min

Lab File: VU031306.D

Acq: 18 Apr 2019 14:52

Instrument :

MSVOA_U

ClientSampled :

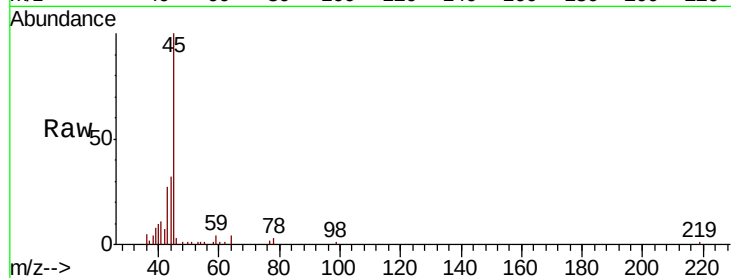
C0XE3

Tgt Ion: 43 Resp: 4596

Ion Ratio Lower Upper

43 100

74 0.5 16.7 25.1#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.55

4000

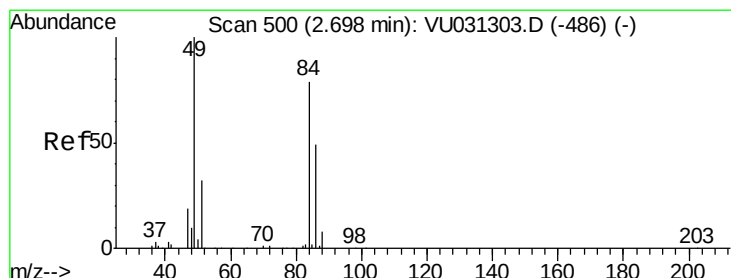
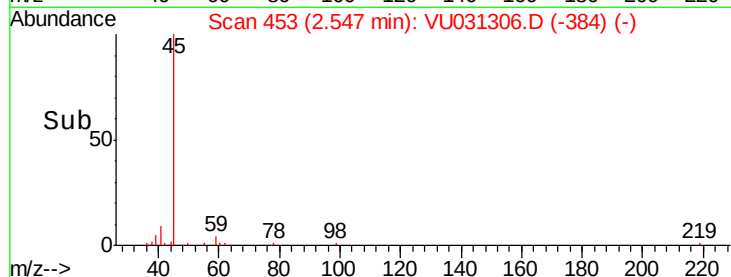
3000

2000

1000

0

Time-->



#16

Methylene chloride

Concen: 0.139 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU031306.D

Acq: 18 Apr 2019 14:52

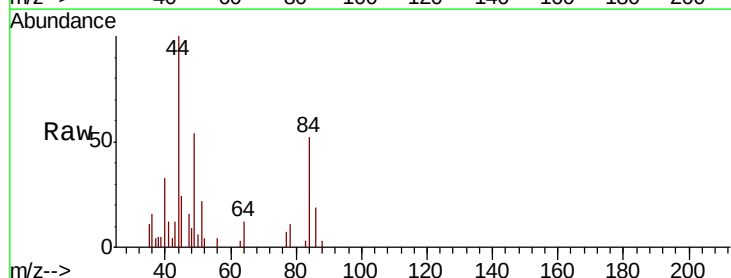
Tgt Ion: 84 Resp: 3605

Ion Ratio Lower Upper

84 100

86 36.5 44.1 81.9#

49 105.2 94.6 175.6



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

3000

2500

2000

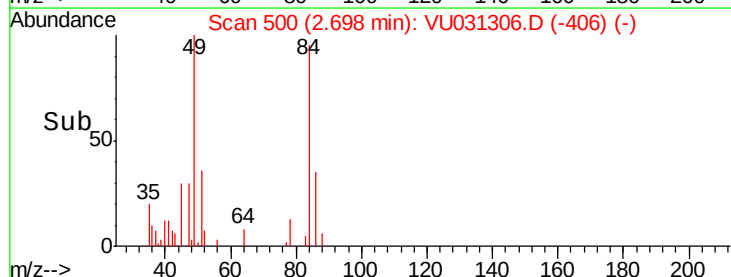
1500

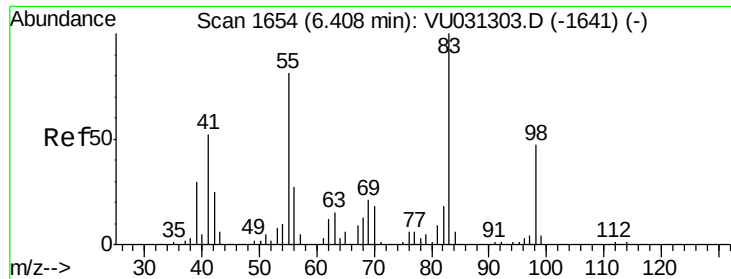
1000

500

0

Time-->

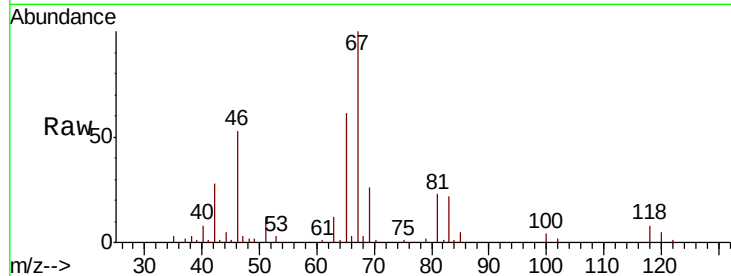




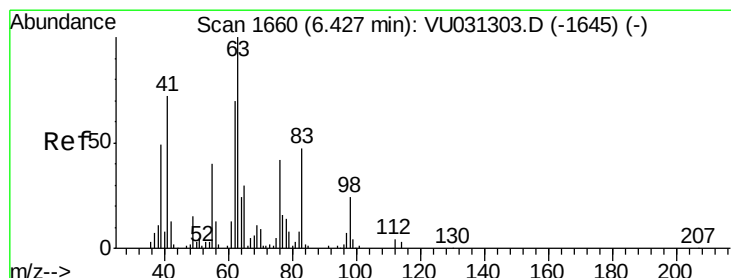
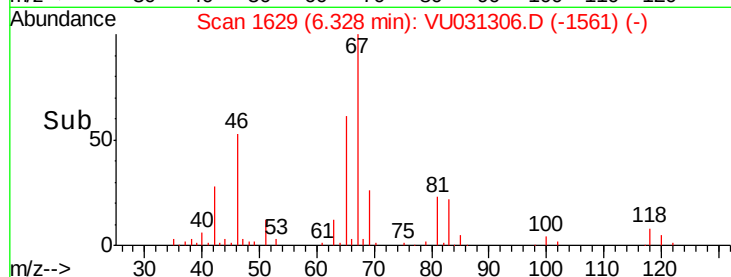
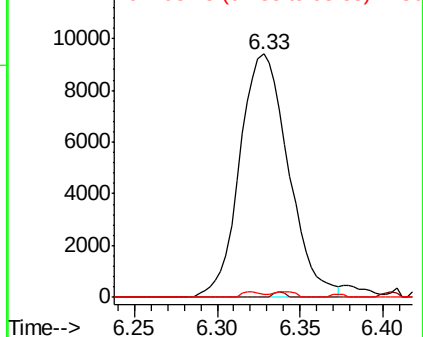
#35
Methylcyclohexane
Concen: 0.774 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031306.D
Acq: 18 Apr 2019 14:52

Instrument :
MSVOA_U
ClientSampled :
C0XE3

Tgt Ion: 83 Resp: 19204
Ion Ratio Lower Upper
83 100
55 0.5 70.6 105.8#
98 1.0 37.0 55.4#

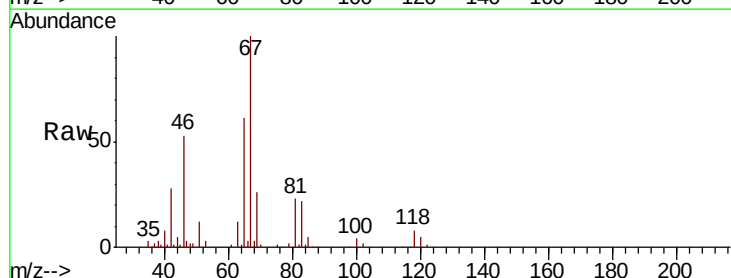


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

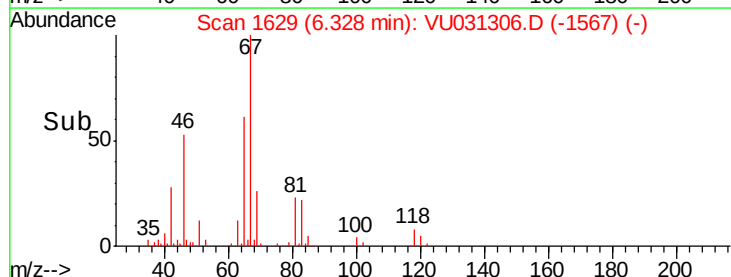
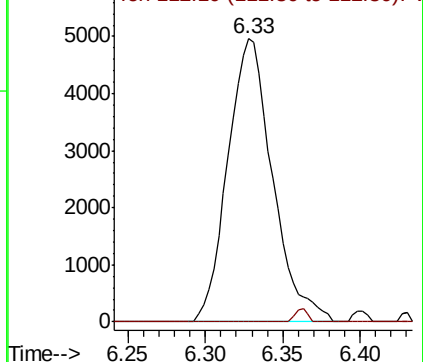


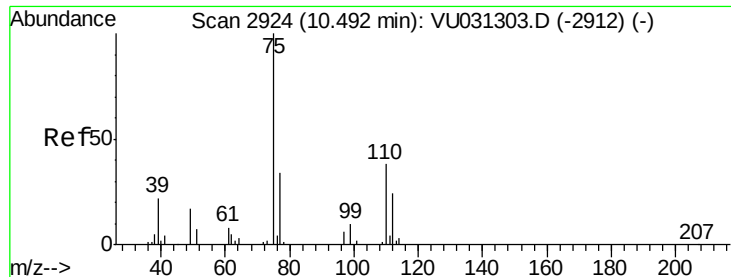
#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031306.D
Acq: 18 Apr 2019 14:52

Tgt Ion: 63 Resp: 9958
Ion Ratio Lower Upper
63 100
112 1.3 3.5 5.3#



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





#59

1,2,3-Trichloropropane

Concen: 0.734 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031306.D

Acq: 18 Apr 2019 14:52

Instrument :

MSVOA_U

ClientSampleId :

C0XE3

Tgt Ion: 75 Resp: 8417

Ion Ratio Lower Upper

75 100

77 36.2 27.0 40.6

