

Data File : VU030063.D
Acq On : 14 Mar 2019 10:59
Operator : JC/SP
Sample : VLEB#01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Quant Time: Mar 15 01:25:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	481358	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	481088	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228477	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143532	45.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.16%
7) Chloroethane-d5	1.68	69	124630	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.98%
11) 1,1-Dichloroethene-d2	2.27	63	208110	36.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.42%
21) 2-Butanone-d5	4.17	46	255400	107.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.06%
24) Chloroform-d	4.65	84	293156	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.66%
26) 1,2-Dichloroethane-d4	5.31	65	177587	53.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.64%
32) Benzene-d6	5.34	84	635520	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
36) 1,2-Dichloropropane-d6	6.33	67	200858	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.00%
41) Toluene-d8	7.56	98	597693	51.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.08%
43) trans-1,3-Dichloropropene-	7.85	79	94470	51.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.92%
47) 2-Hexanone-d5	8.31	63	241136	113.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298593	51.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	240418	54.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.64%

Target Compounds

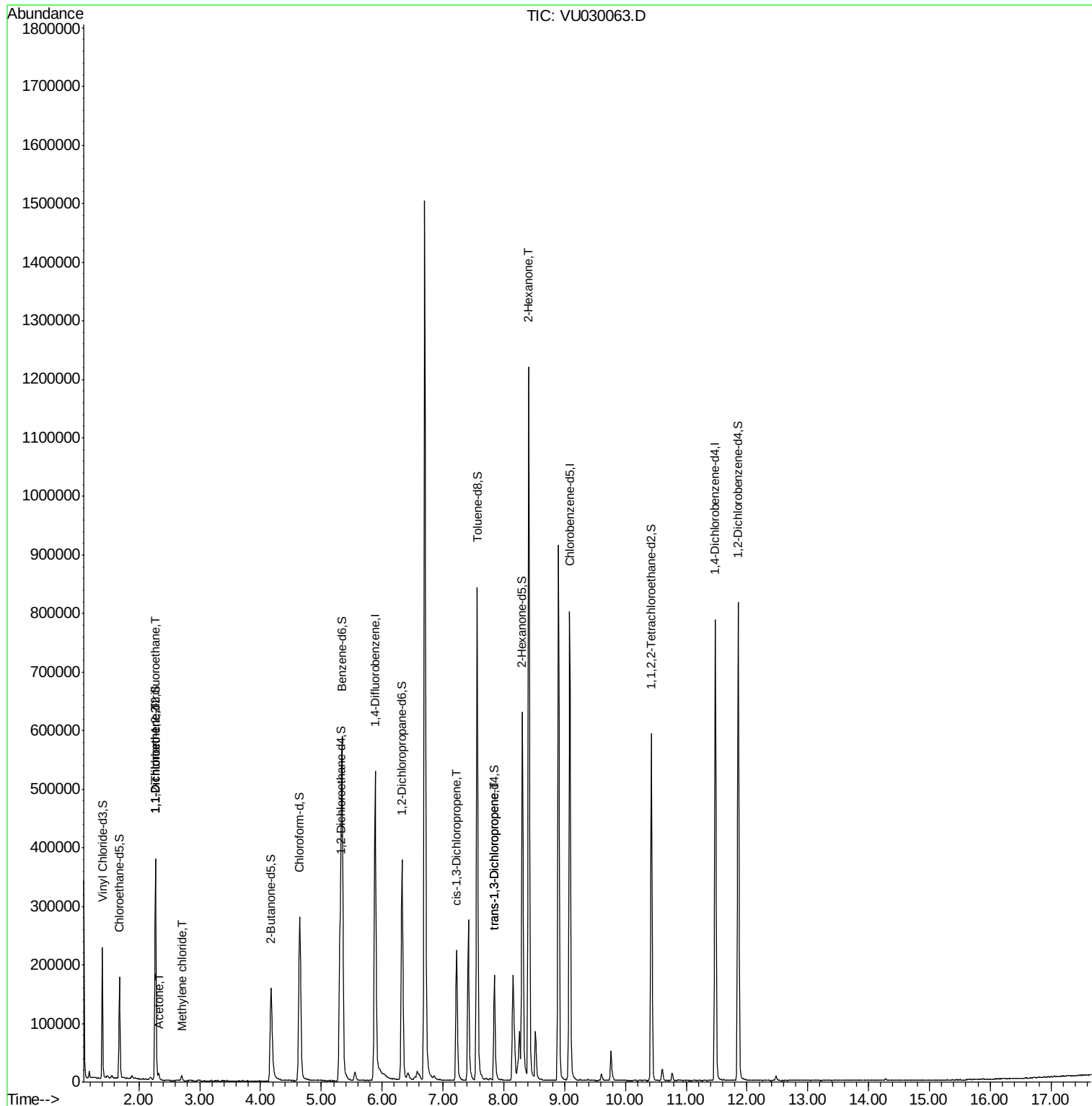
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2199	0.695	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	1812	0.601	ug/L #	1
13) Acetone	2.32	43	8485	3.042	ug/L	96
16) Methylene chloride	2.70	84	4820	1.353	ug/L	87
39) cis-1,3-Dichloropropene	7.22	75	4969	0.882	ug/L #	72
44) trans-1,3-Dichloropropene	7.85	75	4299	0.836	ug/L	99
48) 2-Hexanone	8.41	43	155891	37.373	ug/L #	1

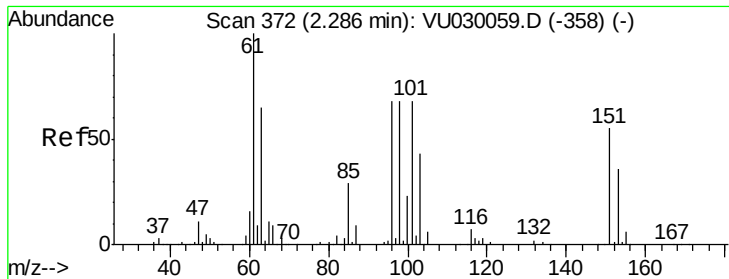
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.695 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030063.D

Acq: 14 Mar 2019 10:59

Instrument :

MSVOA_U

ClientSampleId :

VLEB01

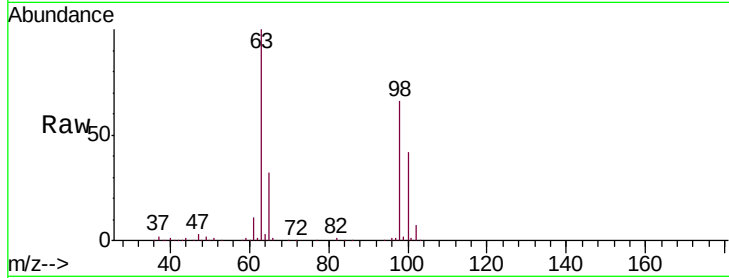
Tgt Ion:101 Resp: 2199

Ion Ratio Lower Upper

101 100

85 4.0 33.0 49.4#

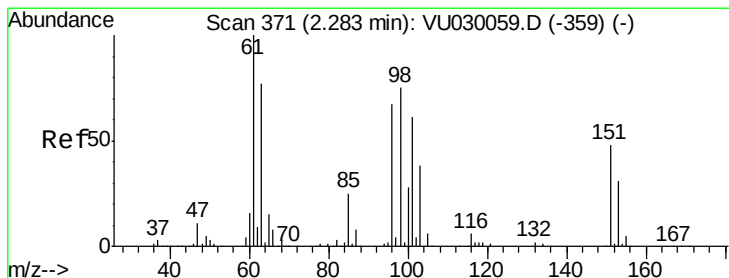
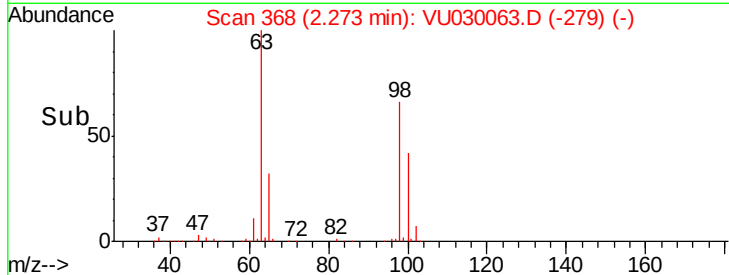
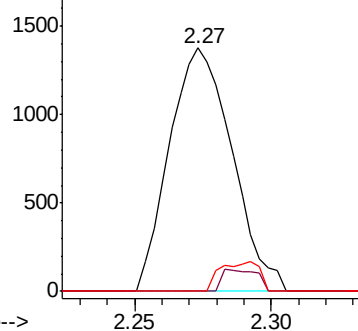
151 3.5 66.1 99.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.601 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030063.D

Acq: 14 Mar 2019 10:59

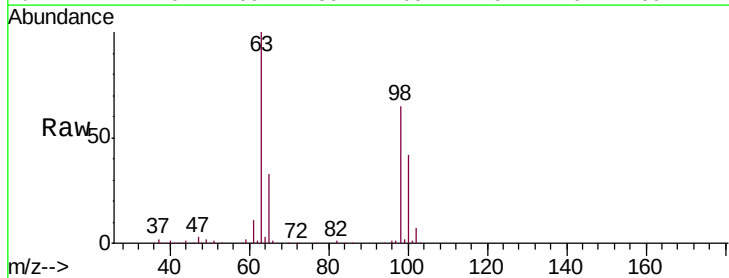
Tgt Ion: 96 Resp: 1812

Ion Ratio Lower Upper

96 100

61 1183.8 110.4 205.0#

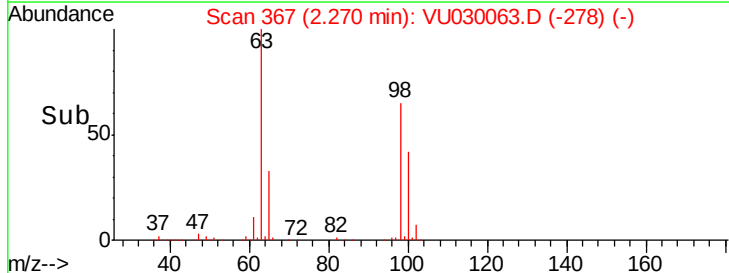
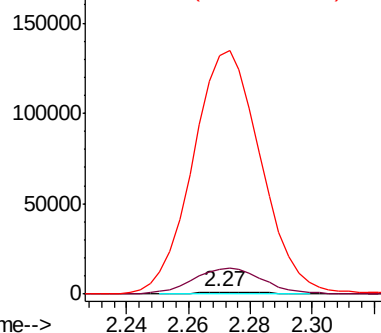
63 11229.9 86.5 160.7#

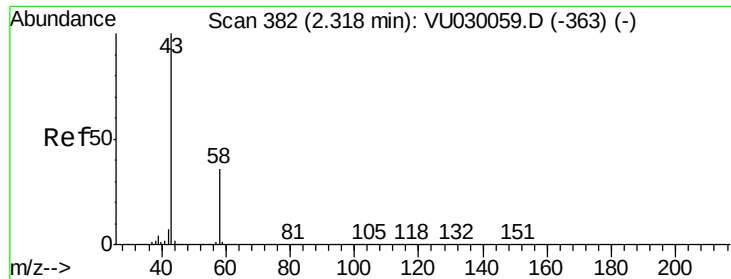


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.042 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030063.D

Acq: 14 Mar 2019 10:59

Instrument :

MSVOA_U

ClientSampleId :

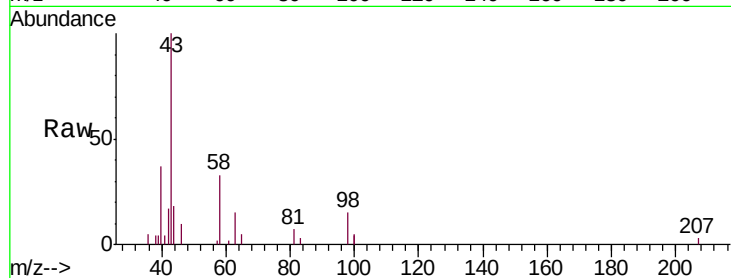
VLEB01

Tgt Ion: 43 Resp: 8485

Ion Ratio Lower Upper

43 100

58 34.1 0.0 73.0

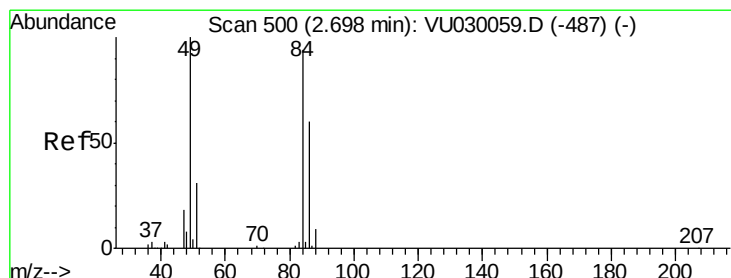
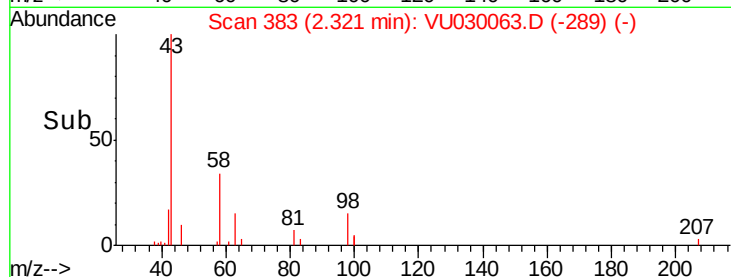


Abundance Ion 43.00 (42.70 to 43.70): VU030059.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU030059.D (-363) (-)

2.32

Time-->



#16

Methylene chloride

Concen: 1.353 ug/L

RT: 2.70 min Scan# 501

Delta R.T. 0.00 min

Lab File: VU030063.D

Acq: 14 Mar 2019 10:59

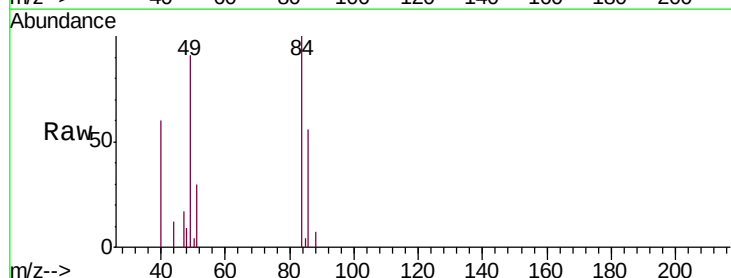
Tgt Ion: 84 Resp: 4820

Ion Ratio Lower Upper

84 100

86 55.6 45.2 84.0

49 90.5 73.6 136.6



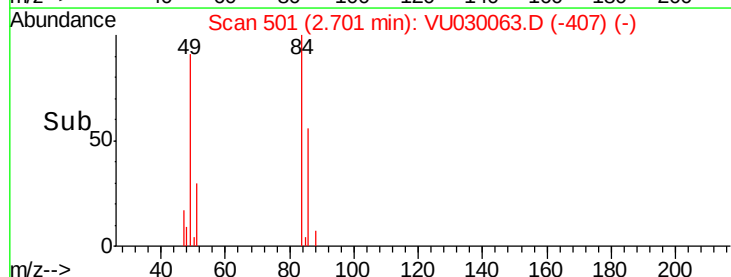
Abundance Ion 84.00 (83.70 to 84.70): VU030059.D (-487) (-)

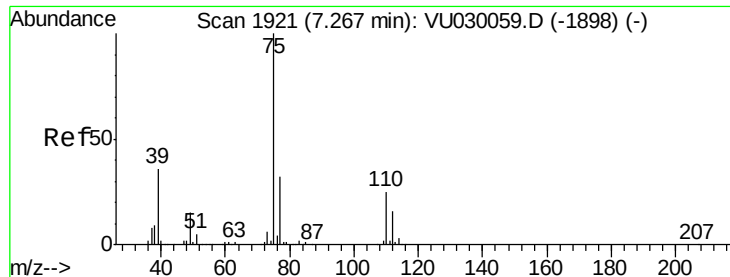
Ion 86.00 (85.70 to 86.70): VU030059.D (-487) (-)

Ion 49.00 (48.70 to 49.70): VU030059.D (-487) (-)

2.70

Time-->



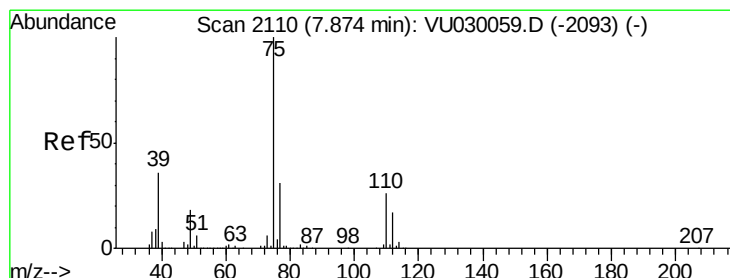
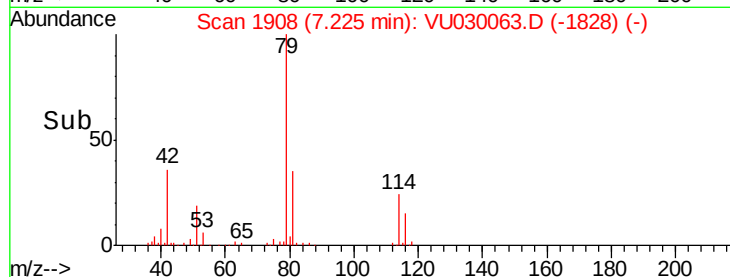
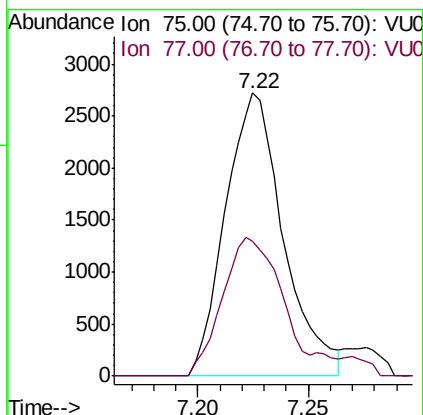
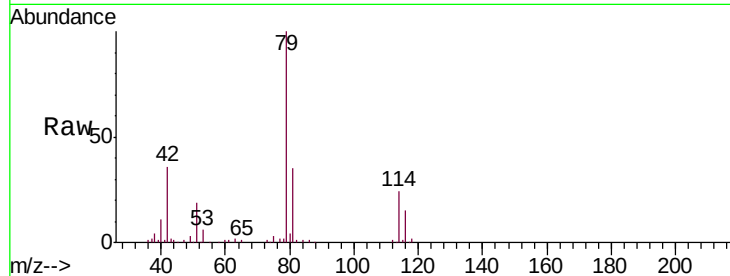


#39

cis-1,3-Dichloropropene
 Concen: 0.882 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030063.D
 Acq: 14 Mar 2019 10:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB01

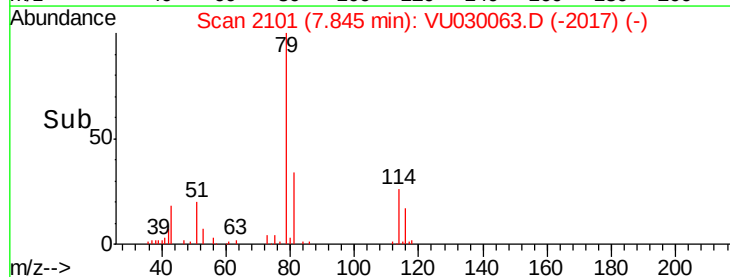
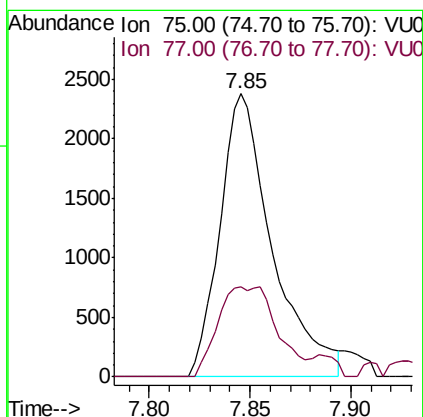
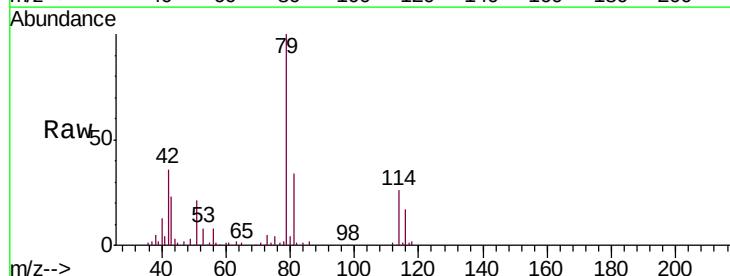
Tgt Ion: 75 Resp: 4969
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.2 41.2#

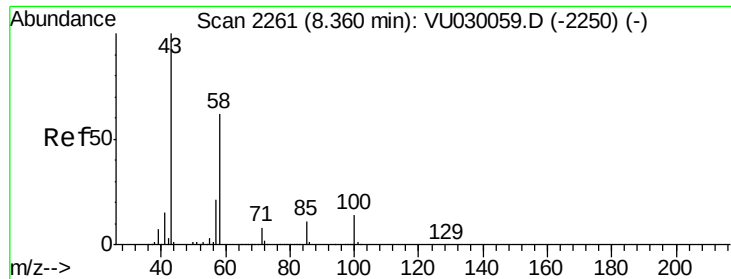


#44

trans-1,3-Dichloropropene
 Concen: 0.836 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU030063.D
 Acq: 14 Mar 2019 10:59

Tgt Ion: 75 Resp: 4299
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.9 40.7





#48
 2-Hexanone
 Concen: 37.373 ug/L
 RT: 8.41 min Scan# 2277
 Delta R.T. 0.05 min
 Lab File: VU030063.D
 Acq: 14 Mar 2019 10:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB01

Tgt Ion: 43 Resp: 155891
 Ion Ratio Lower Upper
 43 100
 58 21.9 48.6 72.8#
 57 567.6 16.1 24.1#
 100 0.0 11.6 17.4#

