

Data File : VU033306.D
Acq On : 18 Jul 2019 10:10
Operator : JC/SP
Sample : VLEB#01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Quant Time: Jul 19 01:46:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	284554	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	305059	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	125571	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	92795	43.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.16%
7) Chloroethane-d5	1.67	69	87073	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.64%
11) 1,1-Dichloroethene-d2	2.26	63	120922	30.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.90%
21) 2-Butanone-d5	4.15	46	151841	111.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.25%
24) Chloroform-d	4.62	84	174715	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.28	65	117783	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
32) Benzene-d6	5.32	84	332020	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.74%
36) 1,2-Dichloropropane-d6	6.31	67	113019	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.28%
41) Toluene-d8	7.55	98	311937	44.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.83	79	54111	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
47) 2-Hexanone-d5	8.29	63	110151	101.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	172676	47.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.18%
64) 1,2-Dichlorobenzene-d4	11.85	152	115824	51.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.44%

Target Compounds

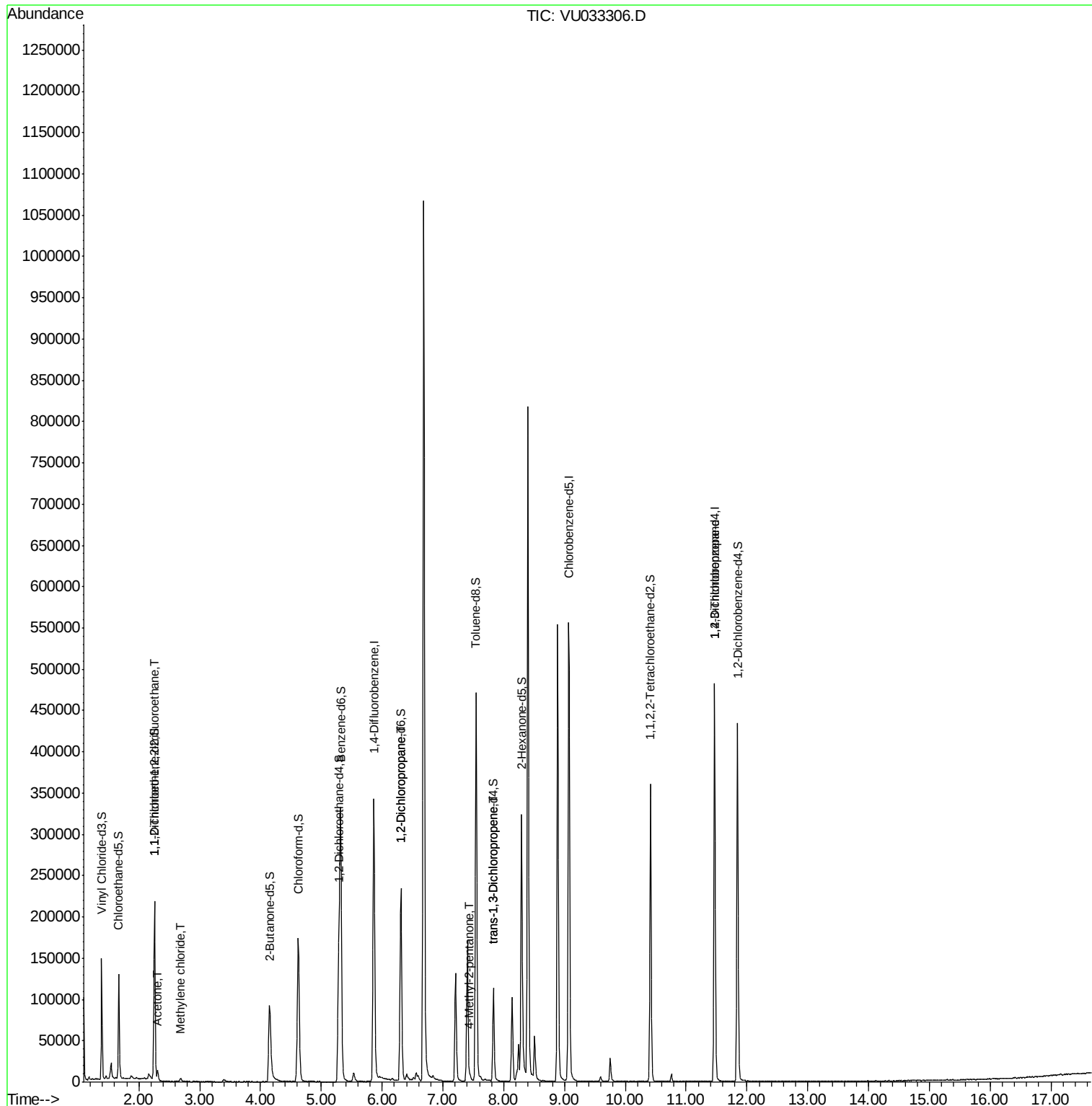
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1138	0.586 ug/L #	21
13) Acetone	2.31	43	12355	7.245 ug/L	100
16) Methylene chloride	2.68	84	1805	0.832 ug/L #	71
37) 1,2-Dichloropropane	6.31	63	12868	5.334 ug/L #	89
40) 4-Methyl-2-pentanone	7.45	43	2657	0.821 ug/L #	95
44) trans-1,3-Dichloropropene	7.83	75	2293	0.687 ug/L #	79
59) 1,2,3-Trichloropropane	11.47	75	15761	5.018 ug/L	95

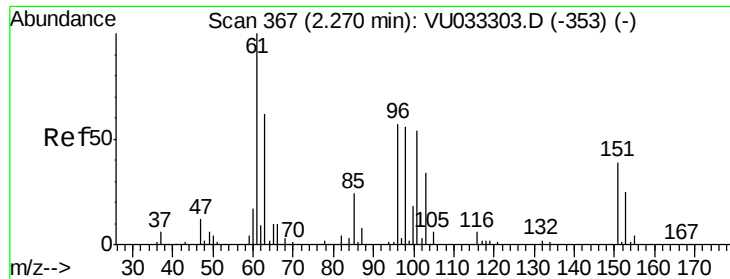
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.586 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU033306.D

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MSVOA_U

ClientSampleId :

VLEB01

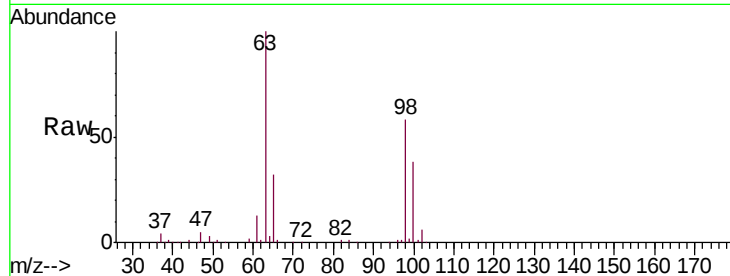
Tgt Ion:101 Resp: 1138

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

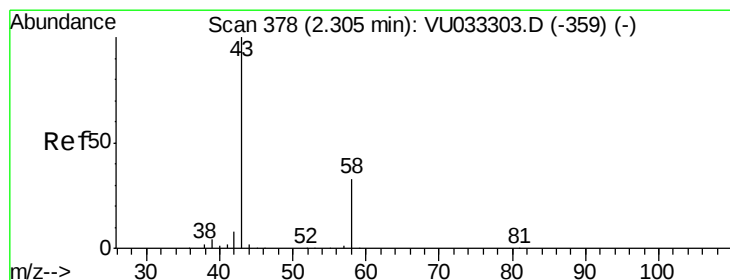
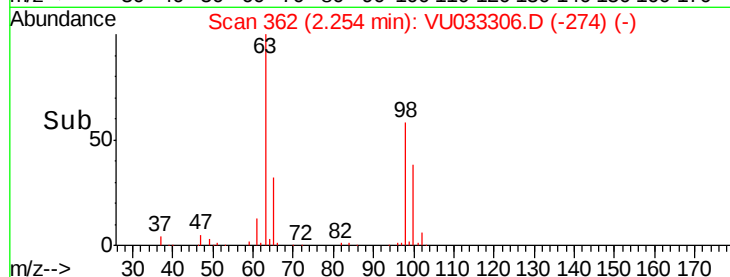
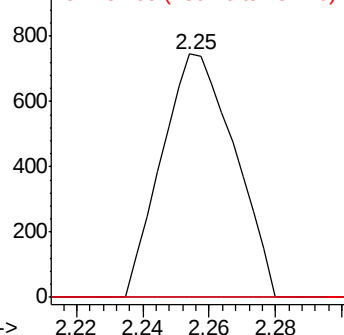
151 0.0 56.7 85.1#



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



#13

Acetone

Concen: 7.245 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

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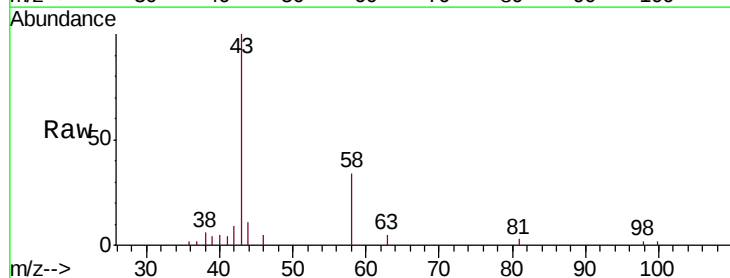
Acq: 18 Jul 2019 10:10

Tgt Ion: 43 Resp: 12355

Ion Ratio Lower Upper

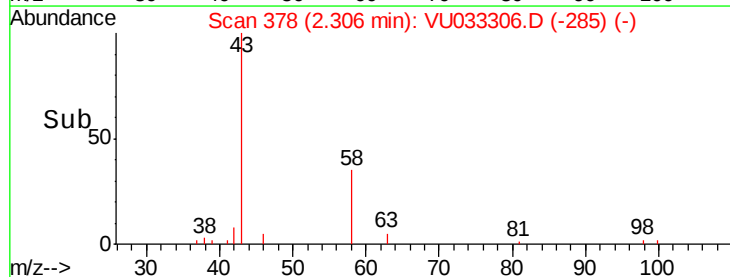
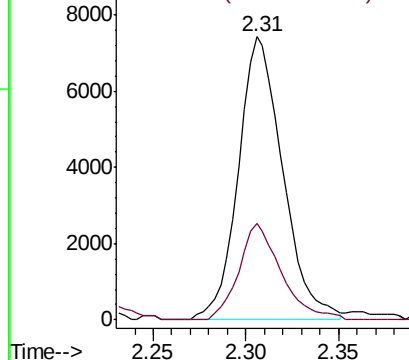
43 100

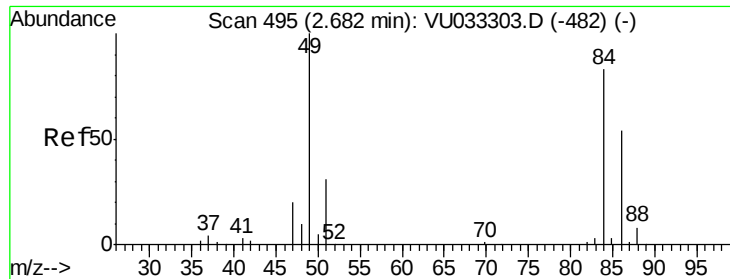
58 32.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

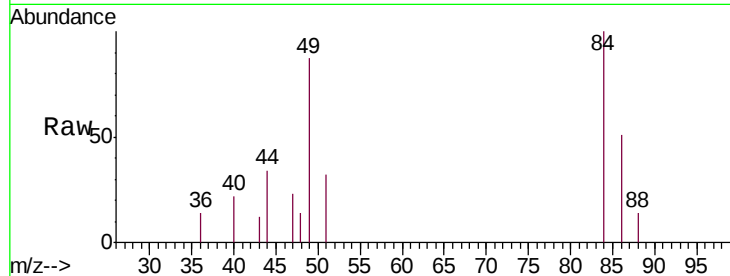




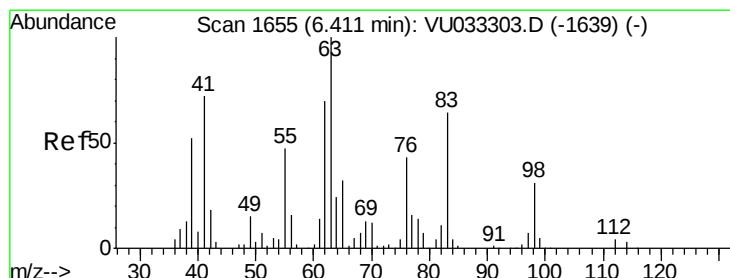
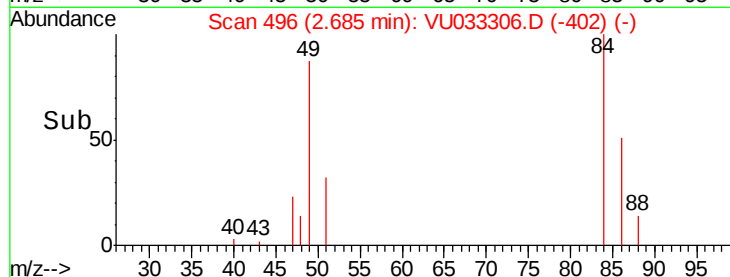
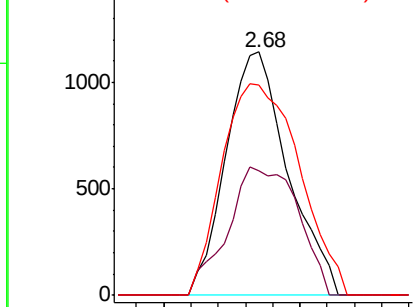
#16
Methylene chloride
Concen: 0.832 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
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Instrument :
MSVOA_U
ClientSampled :
VLEB01

Tgt Ion: 84 Resp: 1805
Ion Ratio Lower Upper
84 100
86 51.0 45.7 84.9
49 86.5 87.7 162.9#

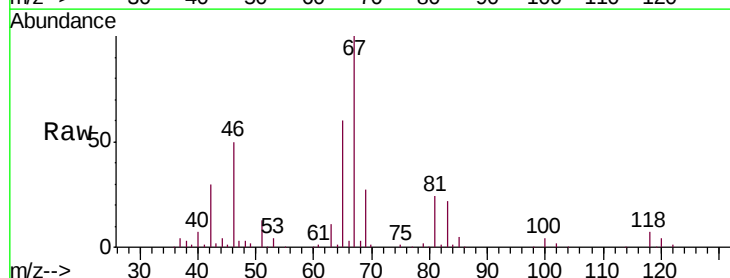


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

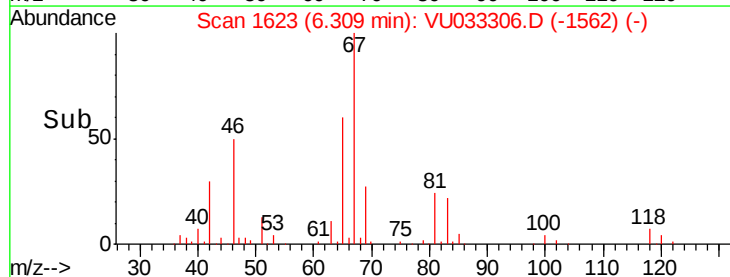
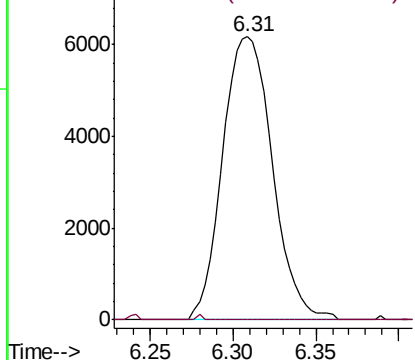


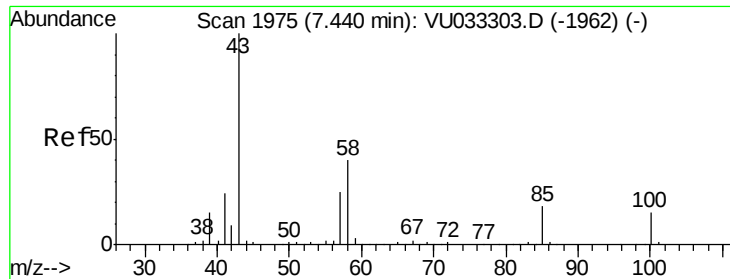
#37
1,2-Dichloropropane
Concen: 5.334 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033306.D
Acq: 18 Jul 2019 10:10

Tgt Ion: 63 Resp: 12868
Ion Ratio Lower Upper
63 100
112 0.3 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

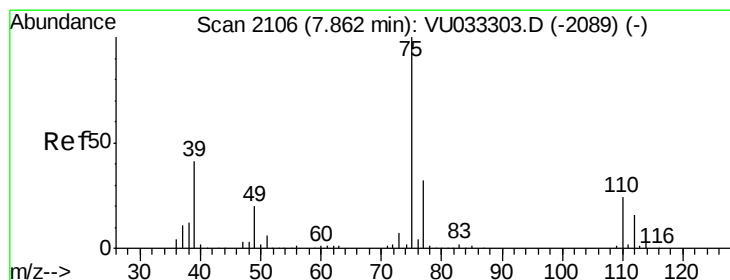
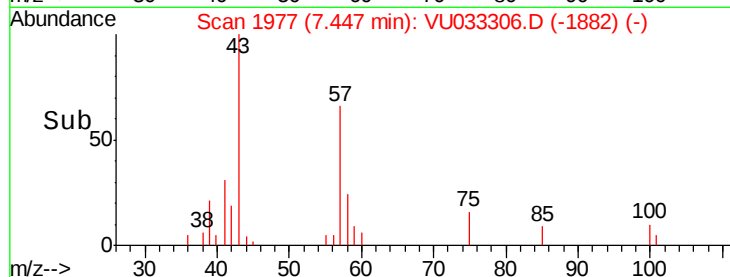
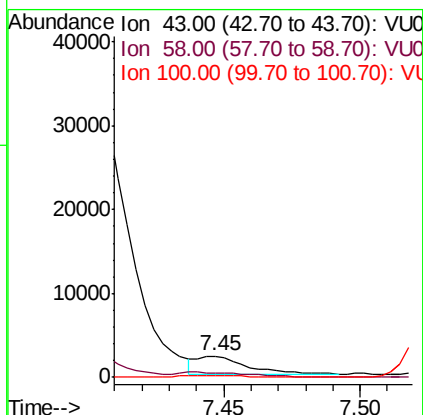
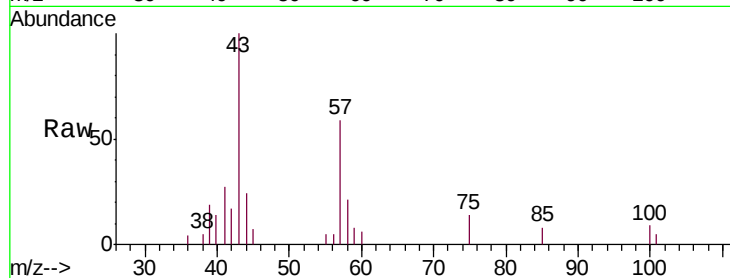




#40
4-Methyl-2-pentanone
Concen: 0.821 ug/L
RT: 7.45 min Scan# 1977
Delta R.T. 0.01 min
Lab File: VU033306.D
Acq: 18 Jul 2019 10:10

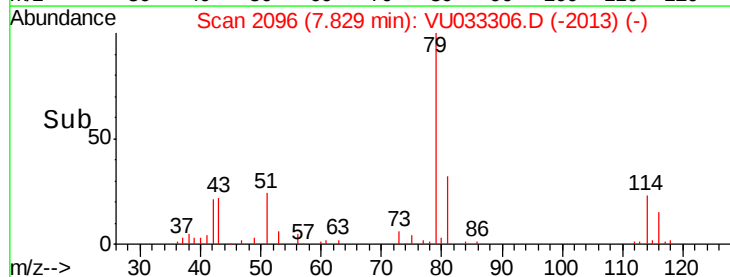
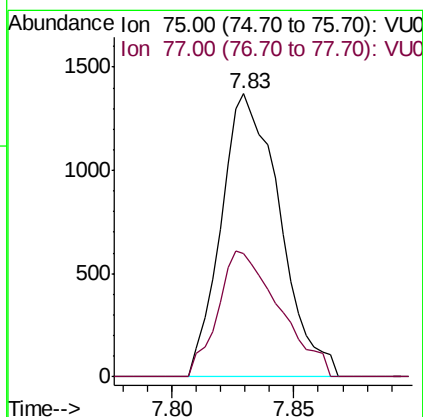
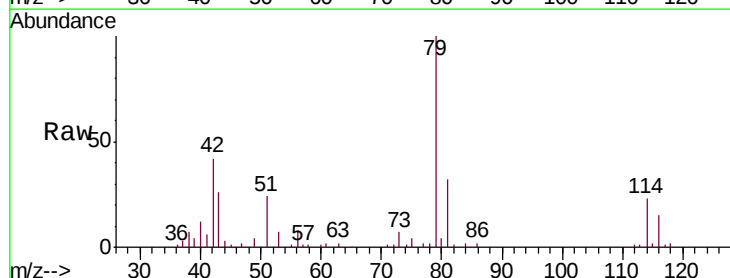
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MSVOA_U
ClientSampleId :
VLEB01

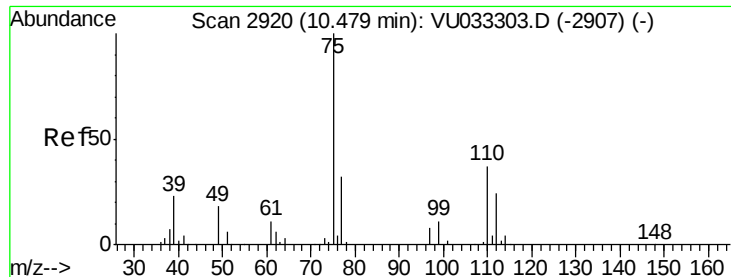
Tgt Ion: 43 Resp: 2657
Ion Ratio Lower Upper
43 100
58 44.0 33.3 49.9
100 11.1 12.1 18.1#



#44
trans-1,3-Dichloropropene
Concen: 0.687 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033306.D
Acq: 18 Jul 2019 10:10

Tgt Ion: 75 Resp: 2293
Ion Ratio Lower Upper
75 100
77 43.6 22.4 41.6#





#59

1,2,3-Trichloropropane

Concen: 5.018 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033306.D

Acq: 18 Jul 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

VLEB01

Tgt Ion: 75 Resp: 15761

Ion Ratio Lower Upper

75 100

77 35.2 26.0 39.0

