

Data File : VU032644.D
Acq On : 12 Jun 2019 12:16
Operator : JC/SP
Sample : K3286-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JS5

Quant Time: Jun 13 05:04:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	170623	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	163170	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	80877	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57384	51.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.68%
7) Chloroethane-d5	1.68	69	46455	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.44%
11) 1,1-Dichloroethene-d2	2.27	63	85994	39.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.36%
21) 2-Butanone-d5	4.17	46	100412	108.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.39%
24) Chloroform-d	4.64	84	105019	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
26) 1,2-Dichloroethane-d4	5.30	65	71338	54.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.70%
32) Benzene-d6	5.33	84	214187	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
36) 1,2-Dichloropropane-d6	6.32	67	68462	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.08%
41) Toluene-d8	7.56	98	201430	50.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.30%
43) trans-1,3-Dichloropropene-	7.85	79	32181	50.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.26%
47) 2-Hexanone-d5	8.31	63	73716	114.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98899	51.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	80845	52.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.38%

Target Compounds

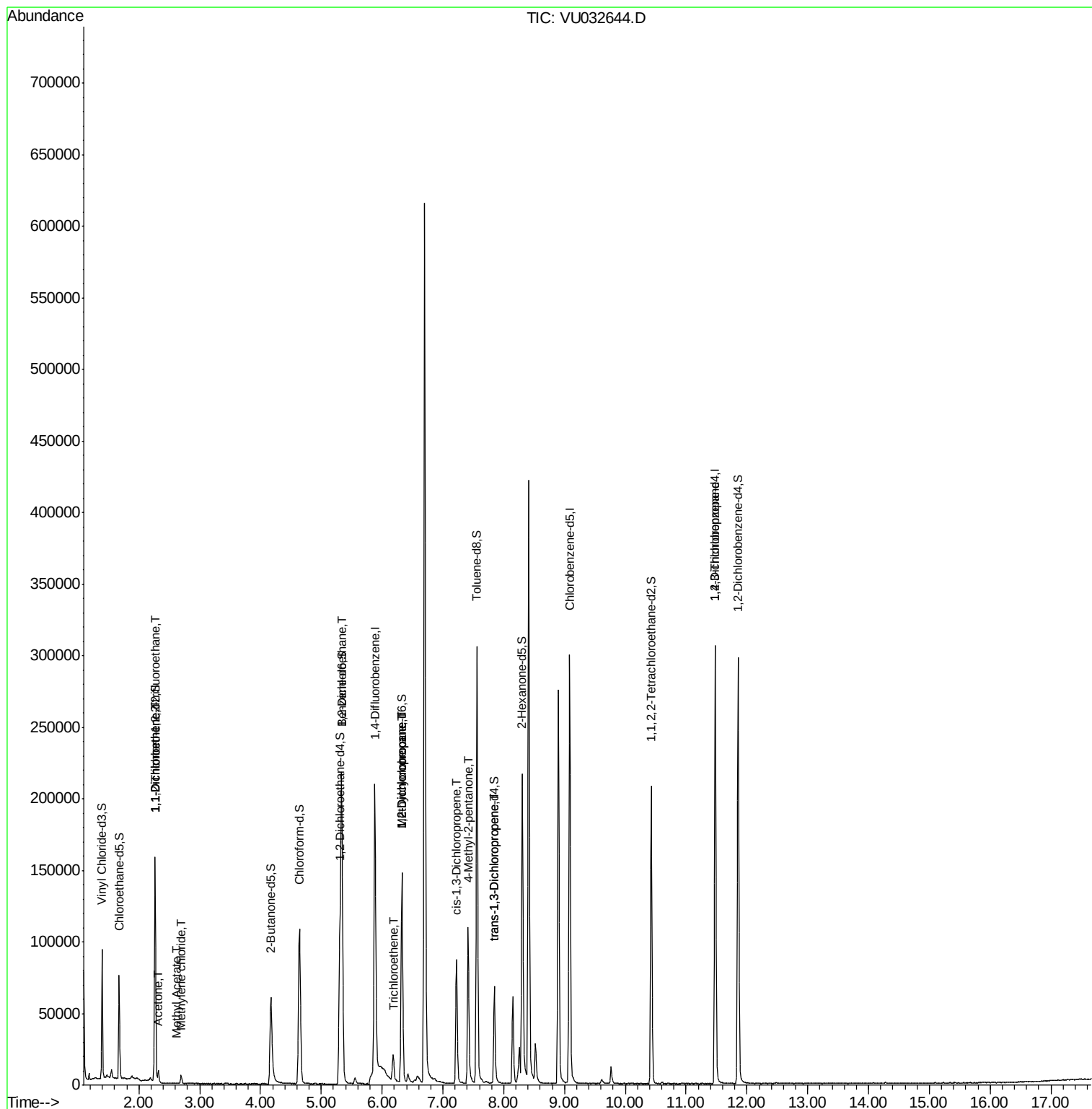
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	748	0.717 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	671	0.663 ug/L #	1
13) Acetone	2.32	43	8849	9.258 ug/L	93
15) Methyl Acetate	2.62	43	973	0.713 ug/L #	53
16) Methylene chloride	2.70	84	2677	2.317 ug/L	96
27) 1,2-Dichloroethane	5.33	62	1261	0.773 ug/L #	75
34) Trichloroethene	6.18	95	5992	4.804 ug/L	92
35) Methylcyclohexane	6.32	83	16082	7.964 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7652	6.296 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	2132	1.112 ug/L #	60
40) 4-Methyl-2-pentanone	7.41	43	42057	21.511 ug/L #	51
44) trans-1,3-Dichloropropene	7.85	75	1493	0.877 ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	10137	6.416 ug/L	92

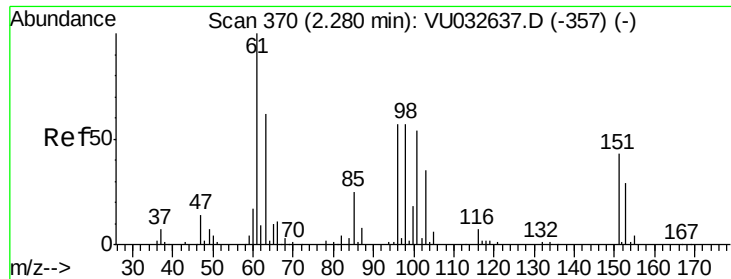
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.717 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032644.D

Acq: 12 Jun 2019 12:16

Instrument :

MSVOA_U

ClientSampleId :

C0JS5

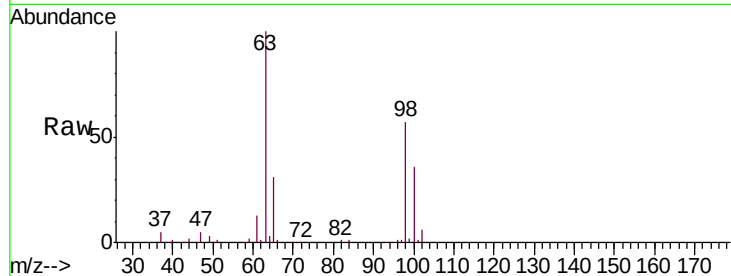
Tgt Ion:101 Resp: 748

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

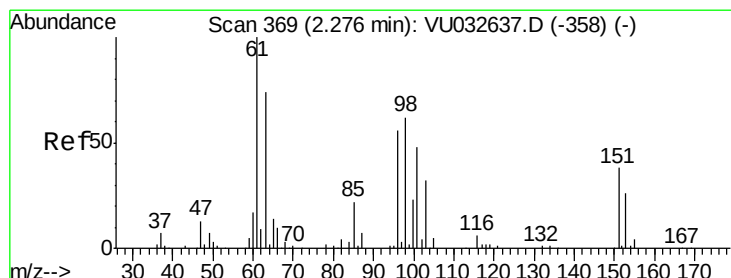
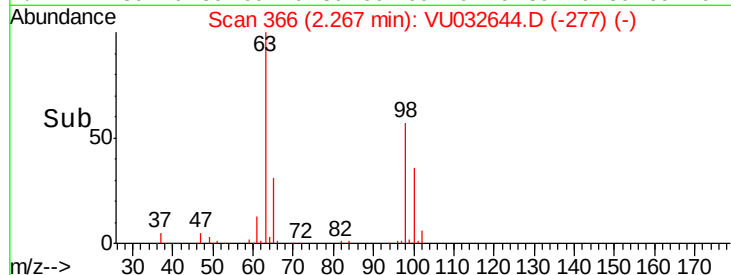
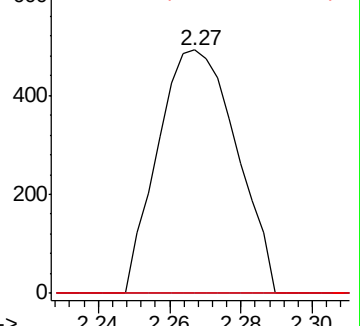
151 0.0 63.0 94.4#



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: 0.663 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032644.D

Acq: 12 Jun 2019 12:16

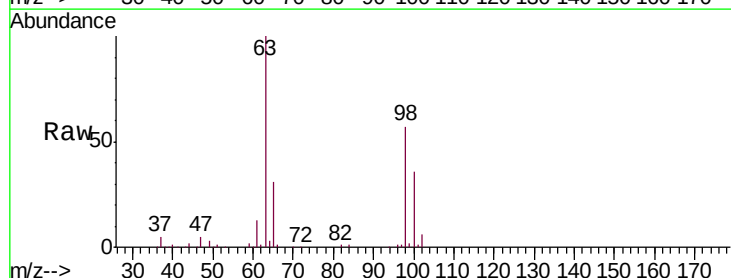
Tgt Ion: 96 Resp: 671

Ion Ratio Lower Upper

96 100

61 1404.7 129.5 240.5#

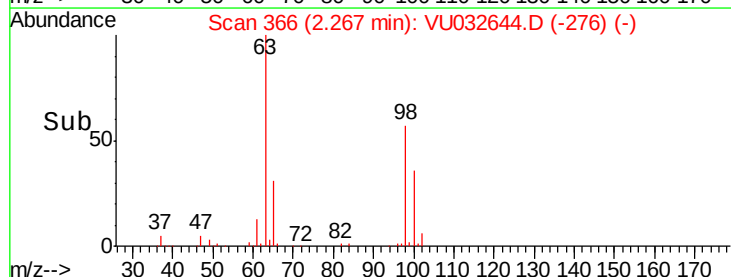
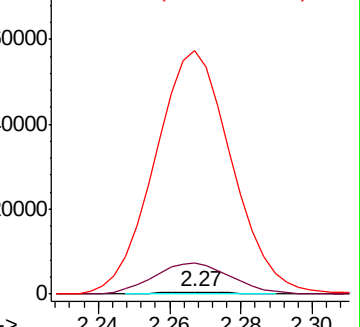
63 11113.2 103.4 192.0#

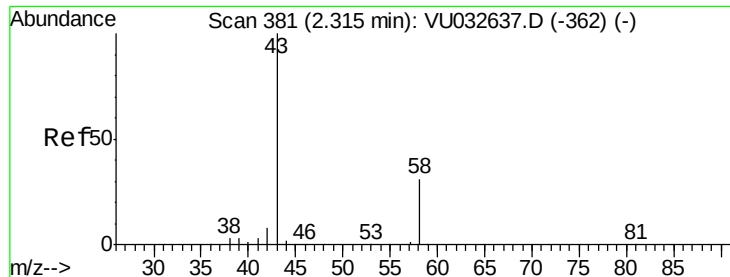


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 9.258 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032644.D

Acq: 12 Jun 2019 12:16

Instrument :

MSVOA_U

ClientSampleId :

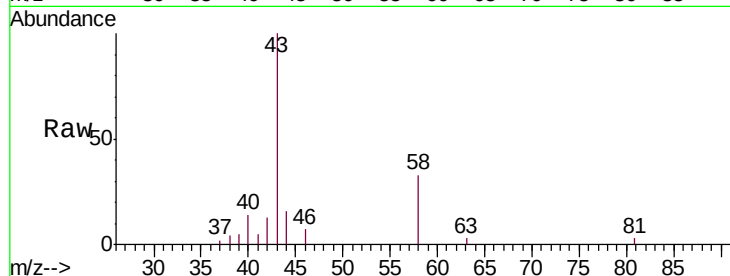
C0JS5

Tgt Ion: 43 Resp: 8849

Ion Ratio Lower Upper

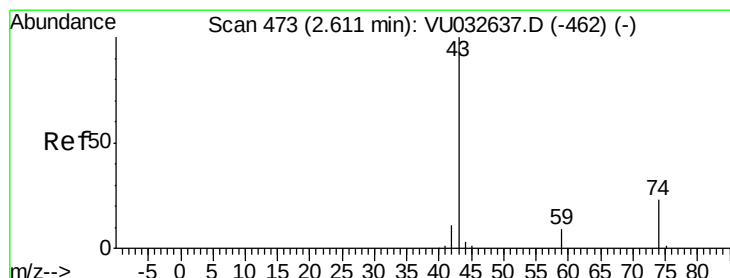
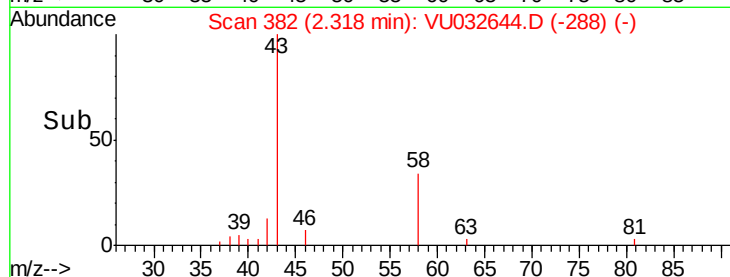
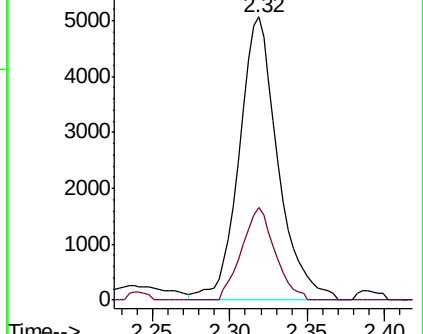
43 100

58 28.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032637.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032637.D (-362) (-)



#15

Methyl Acetate

Concen: 0.713 ug/L

RT: 2.62 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU032644.D

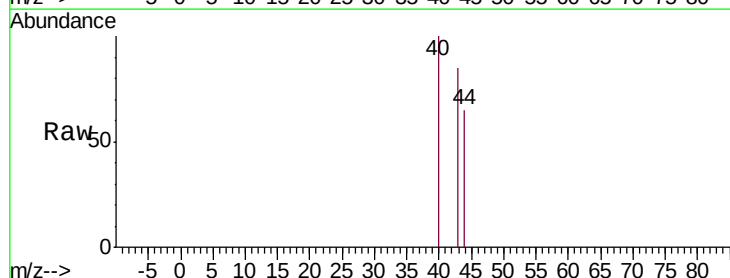
Acq: 12 Jun 2019 12:16

Tgt Ion: 43 Resp: 973

Ion Ratio Lower Upper

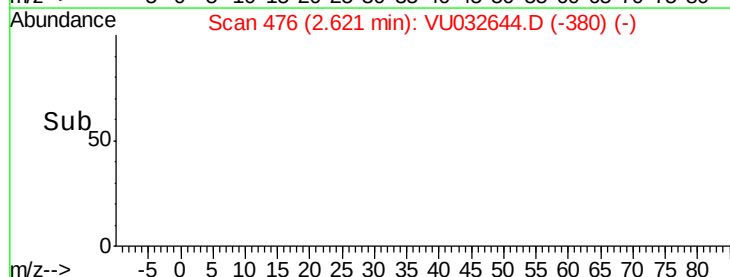
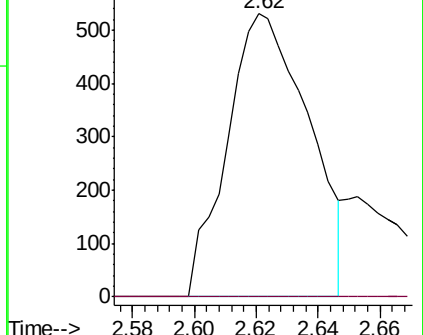
43 100

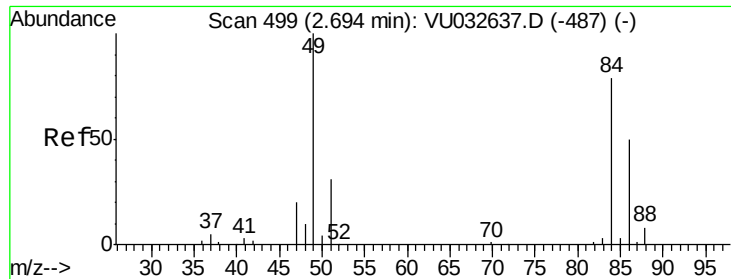
74 0.0 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VU032637.D (-462) (-)

Ion 74.00 (73.70 to 74.70): VU032637.D (-462) (-)

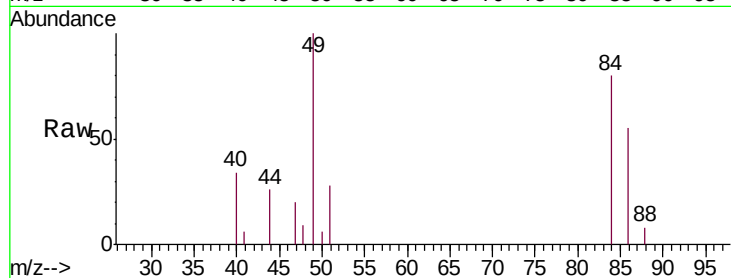




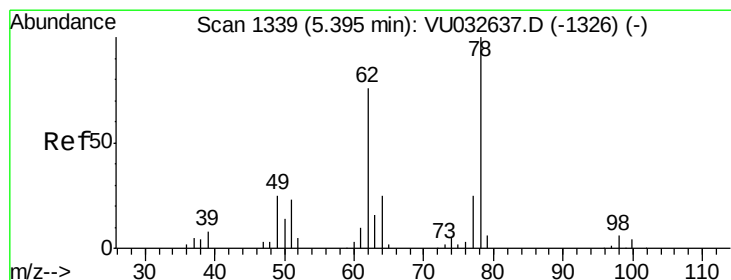
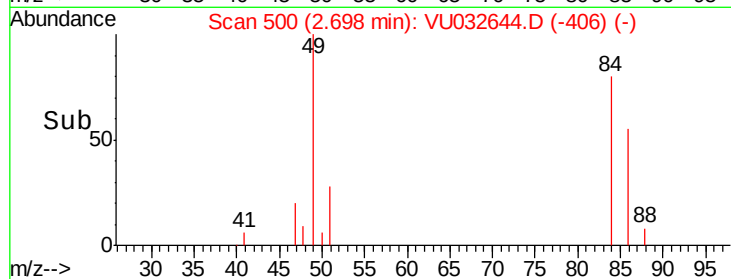
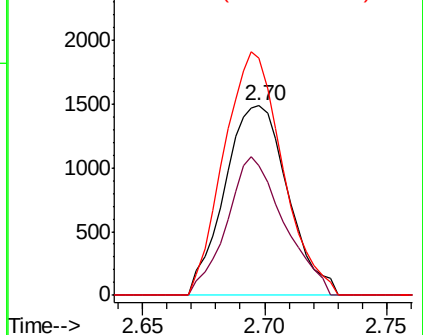
#16
Methylene chloride
Concen: 2.317 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU032644.D
Acq: 12 Jun 2019 12:16

Instrument :
MSVOA_U
ClientSampled :
C0JS5

Tgt Ion: 84 Resp: 2677
Ion Ratio Lower Upper
84 100
86 68.8 44.7 82.9
49 125.5 86.1 159.9

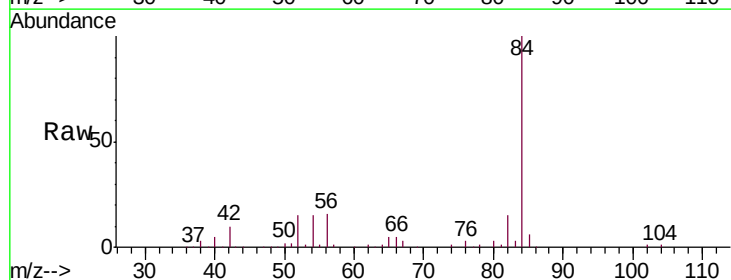


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

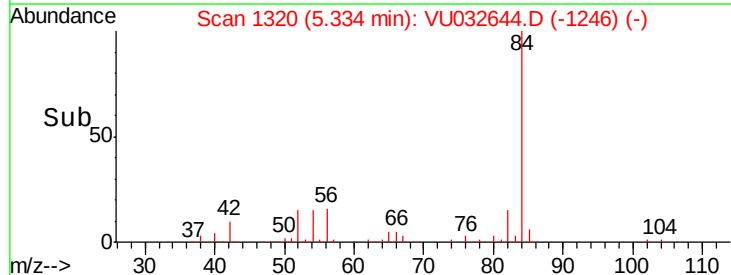
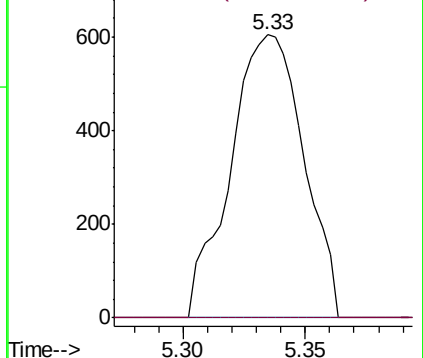


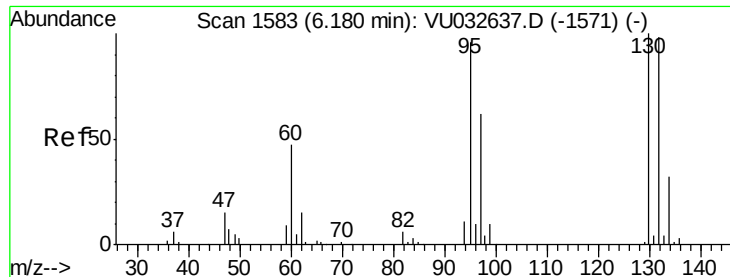
#27
1,2-Dichloroethane
Concen: 0.773 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032644.D
Acq: 12 Jun 2019 12:16

Tgt Ion: 62 Resp: 1261
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#34

Trichloroethene

Concen: 4.804 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032644.D

Acq: 12 Jun 2019 12:16

Instrument :

MSVOA_U

ClientSampled :

C0JS5

Tgt Ion: 95 Resp: 5992

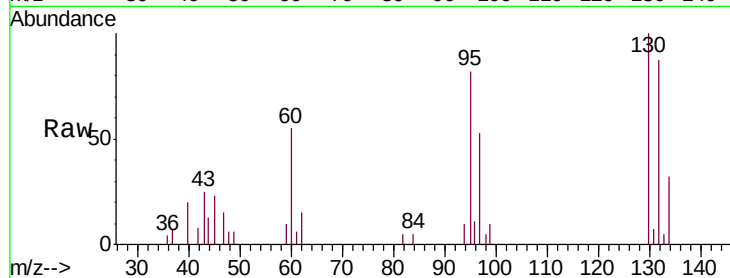
Ion Ratio Lower Upper

95 100

97 64.1 45.8 85.2

132 106.1 71.0 131.8

130 121.5 73.4 136.2

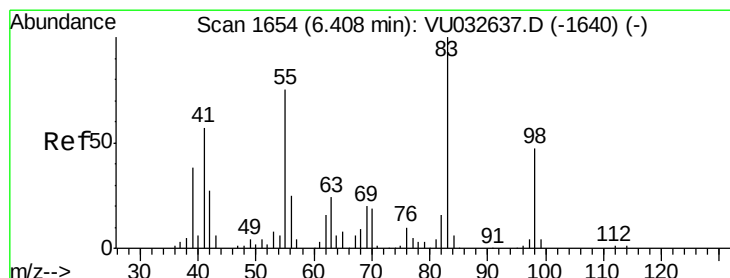
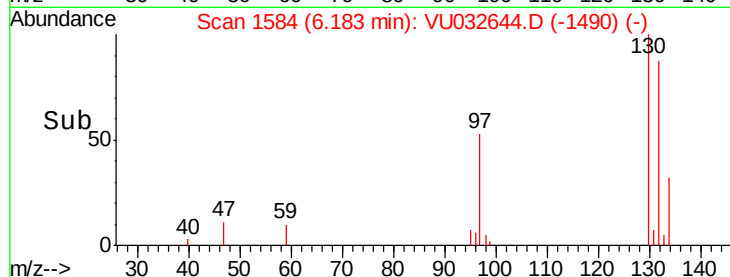
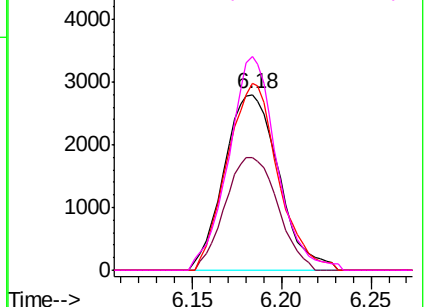


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 7.964 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032644.D

Acq: 12 Jun 2019 12:16

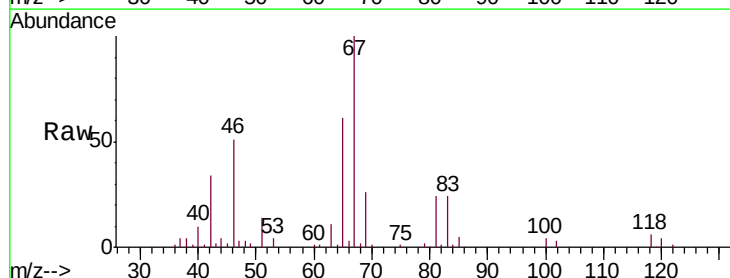
Tgt Ion: 83 Resp: 16082

Ion Ratio Lower Upper

83 100

55 0.2 60.2 90.4#

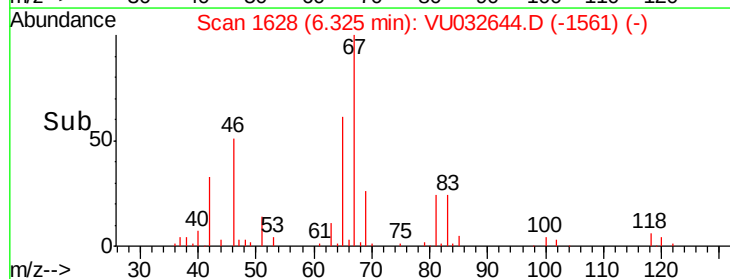
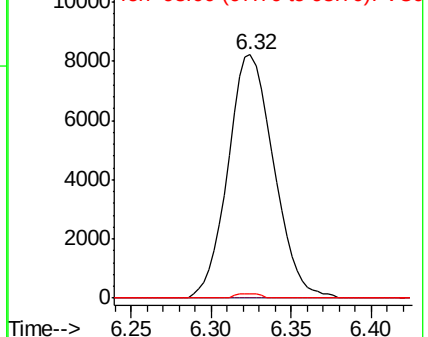
98 0.9 37.4 56.2#

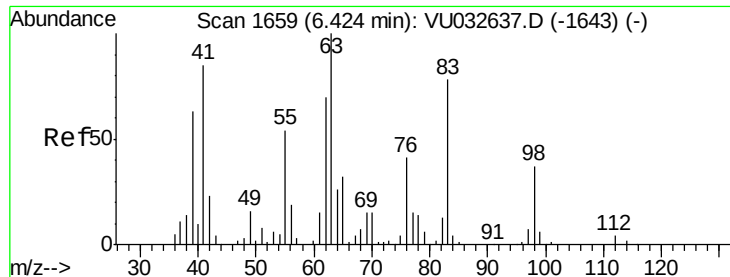


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

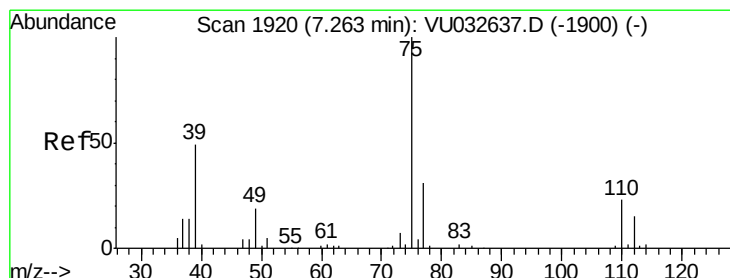
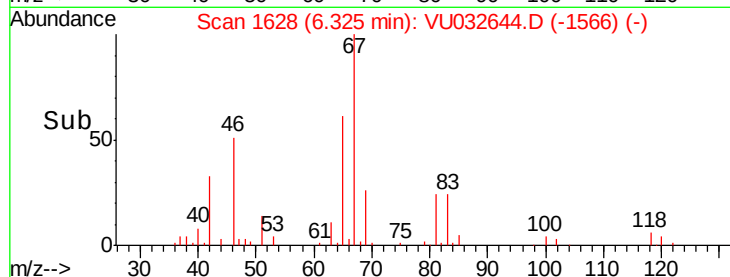
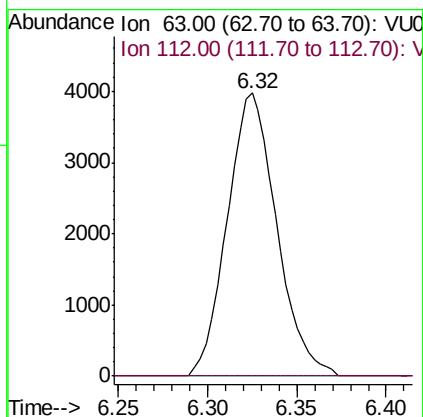
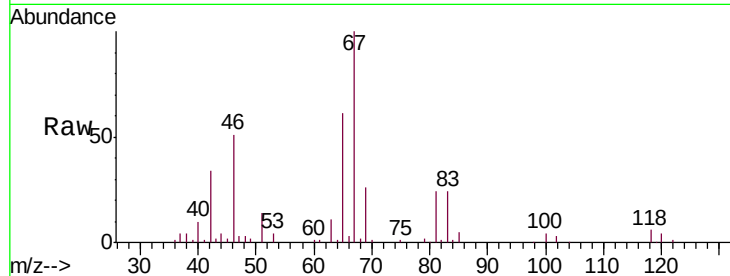




#37
 1,2-Dichloropropane
 Concen: 6.296 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032644.D
 Acq: 12 Jun 2019 12:16

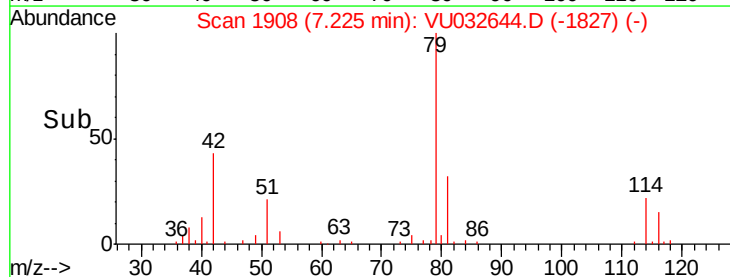
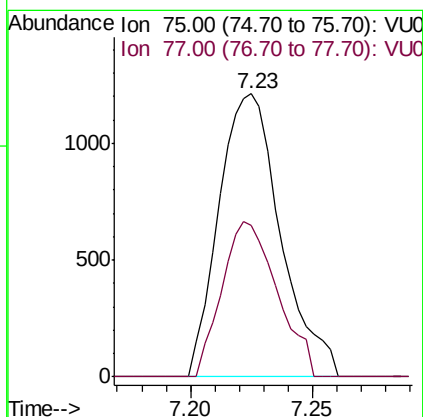
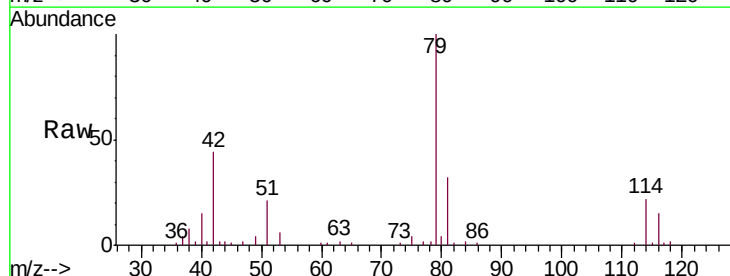
Instrument :
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 ClientSampleId :
 C0JS5

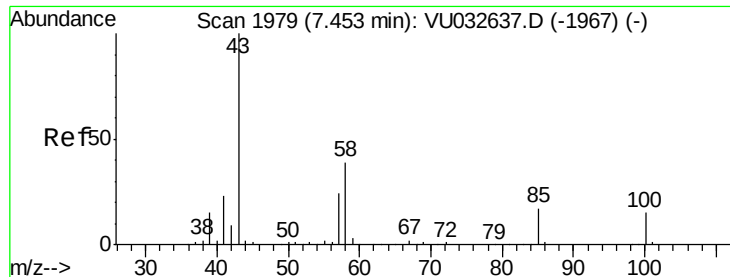
Tgt Ion: 63 Resp: 7652
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.112 ug/L
 RT: 7.23 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032644.D
 Acq: 12 Jun 2019 12:16

Tgt Ion: 75 Resp: 2132
 Ion Ratio Lower Upper
 75 100
 77 53.6 22.0 41.0#

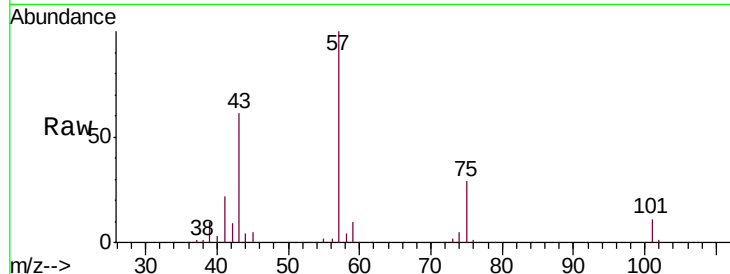




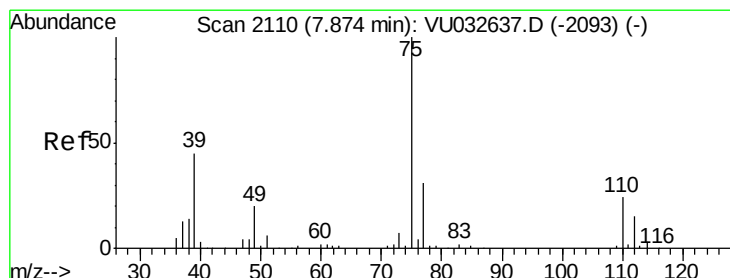
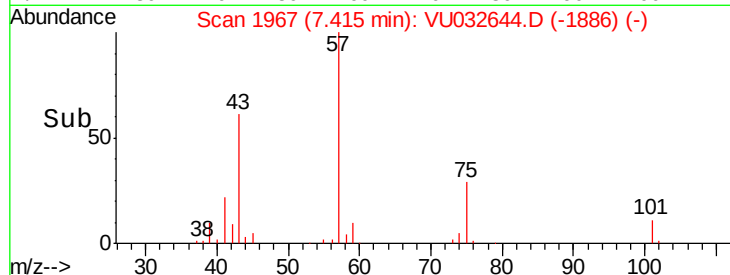
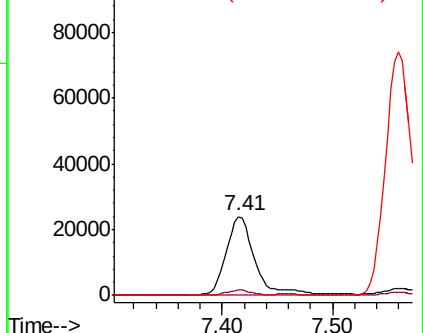
#40
4-Methyl-2-pentanone
Concen: 21.511 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. -0.04 min
Lab File: VU032644.D
Acq: 12 Jun 2019 12:16

Instrument :
MSVOA_U
ClientSampleId :
C0JS5

Tgt Ion: 43 Resp: 42057
Ion Ratio Lower Upper
43 100
58 6.1 30.8 46.2#
100 0.0 12.1 18.1#

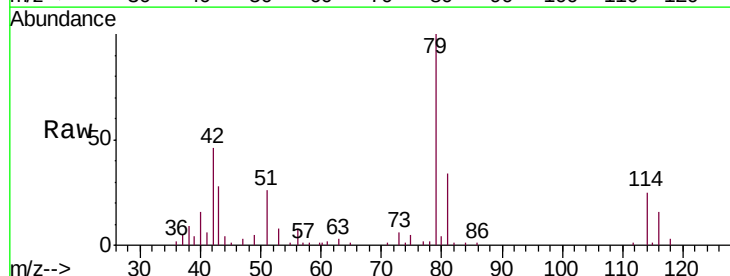


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

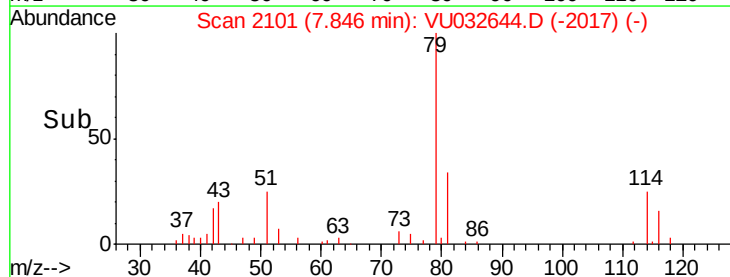
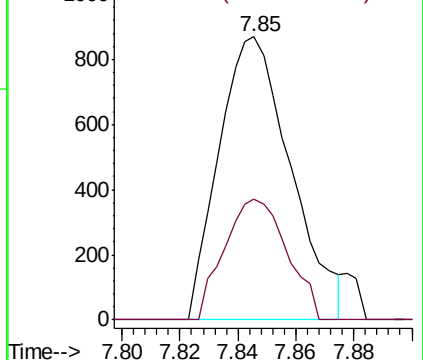


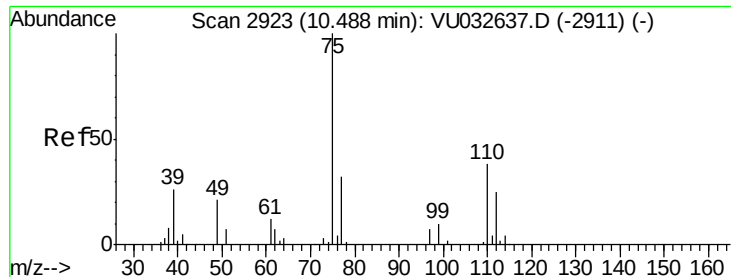
#44
trans-1,3-Dichloropropene
Concen: 0.877 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032644.D
Acq: 12 Jun 2019 12:16

Tgt Ion: 75 Resp: 1493
Ion Ratio Lower Upper
75 100
77 42.6 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#59
 1,2,3-Trichloropropane
 Concen: 6.416 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032644.D
 Acq: 12 Jun 2019 12:16

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JS5

Tgt Ion: 75 Resp: 10137
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.6 38.4

