

Data File : VU032649.D
Acq On : 12 Jun 2019 14:10
Operator : JC/SP
Sample : K3286-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JW8

Quant Time: Jun 13 05:05:32 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	165928	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	156949	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56840	52.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.60%
7) Chloroethane-d5	1.68	69	45542	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.28%
11) 1,1-Dichloroethene-d2	2.27	63	85345	40.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.98%
21) 2-Butanone-d5	4.17	46	96973	107.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.64%
24) Chloroform-d	4.64	84	104402	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.30	65	69158	54.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.36%
32) Benzene-d6	5.33	84	210757	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
36) 1,2-Dichloropropane-d6	6.32	67	67340	52.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.42%
41) Toluene-d8	7.56	98	197772	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%
43) trans-1,3-Dichloropropene-	7.85	79	31288	51.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.34%
47) 2-Hexanone-d5	8.31	63	71612	115.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98539	53.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	78794	52.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.48%

Target Compounds

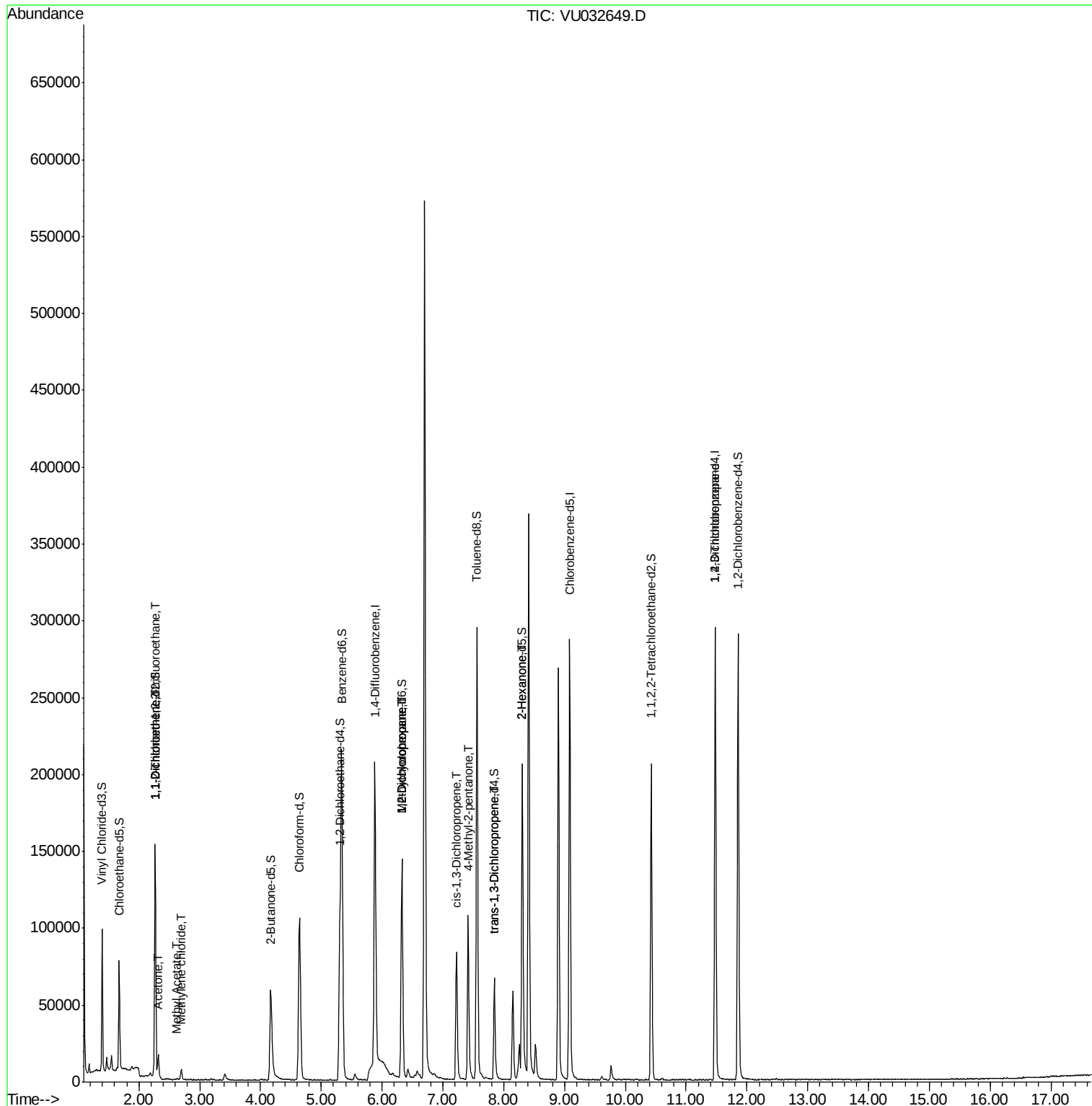
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	819	0.808	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	618	0.628	ug/L #	1
13) Acetone	2.32	43	15368	16.533	ug/L	99
15) Methyl Acetate	2.62	43	1228	0.925	ug/L #	69
16) Methylene chloride	2.69	84	2935	2.612	ug/L	98
35) Methylcyclohexane	6.32	83	15706	8.087	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	7489	6.407	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2298	1.246	ug/L #	71
40) 4-Methyl-2-pentanone	7.41	43	40910	21.754	ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	1513	0.924	ug/L #	74
48) 2-Hexanone	8.31	43	12262	7.938	ug/L #	63
59) 1,2,3-Trichloropropane	11.48	75	9700	6.383	ug/L	95

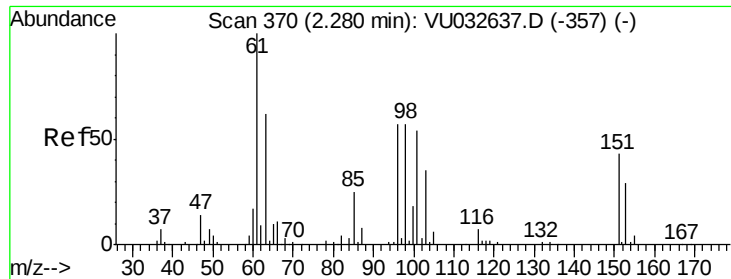
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.808 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032649.D

Acq: 12 Jun 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

C0JW8

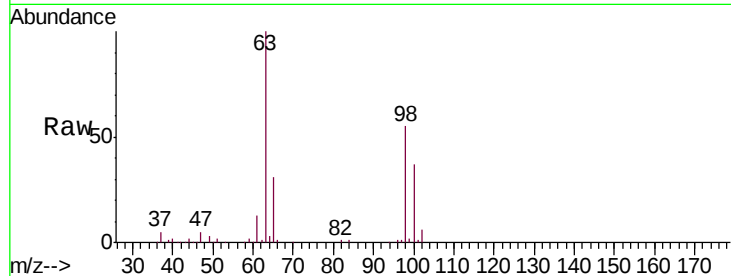
Tgt Ion:101 Resp: 819

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

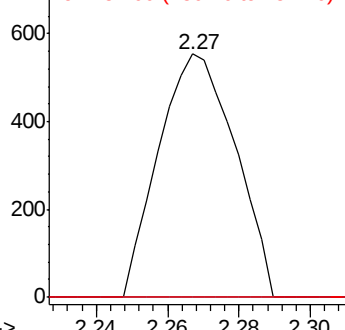
151 0.0 63.0 94.4#



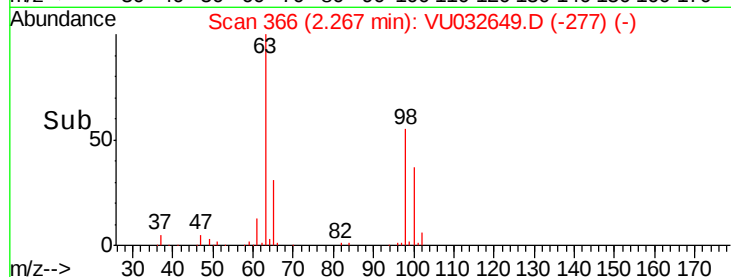
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.628 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032649.D

Acq: 12 Jun 2019 14:10

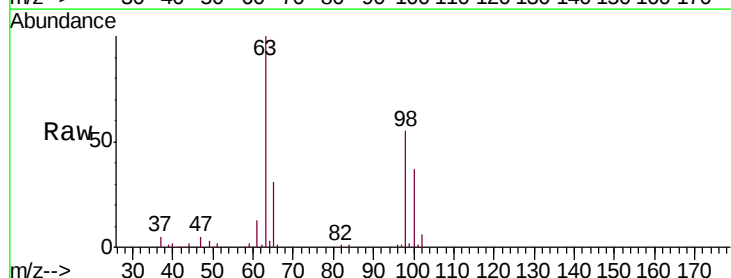
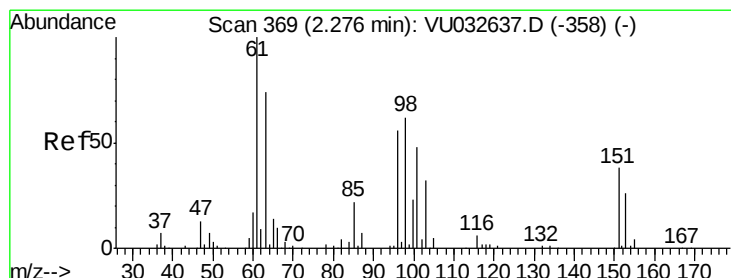
Tgt Ion: 96 Resp: 618

Ion Ratio Lower Upper

96 100

61 1599.1 129.5 240.5#

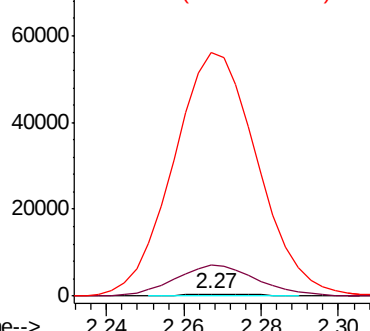
63 12602.2 103.4 192.0#



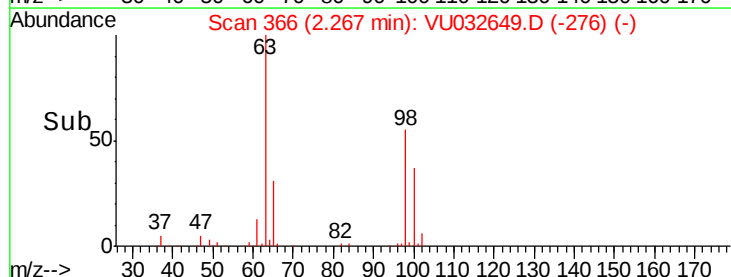
Abundance Ion 96.00 (95.70 to 96.70): VU0

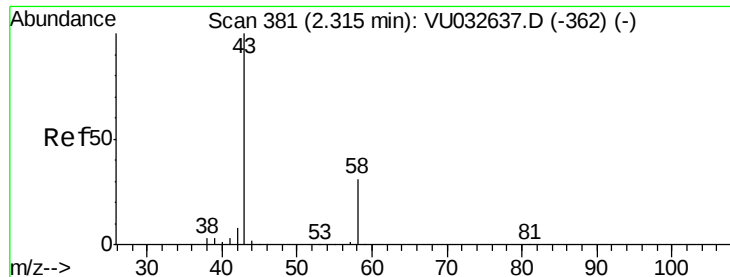
Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->





#13

Acetone

Concen: 16.533 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032649.D

Acq: 12 Jun 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

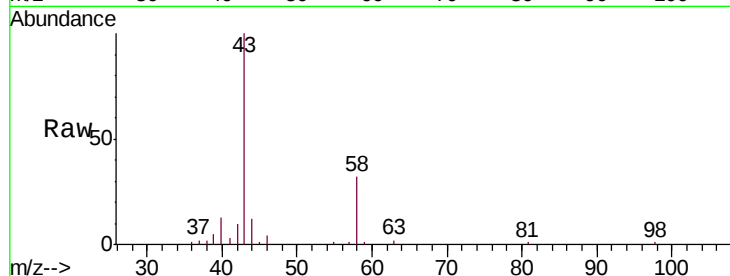
C0JW8

Tgt Ion: 43 Resp: 15368

Ion Ratio Lower Upper

43 100

58 31.4 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) (-)

2.32

10000

8000

6000

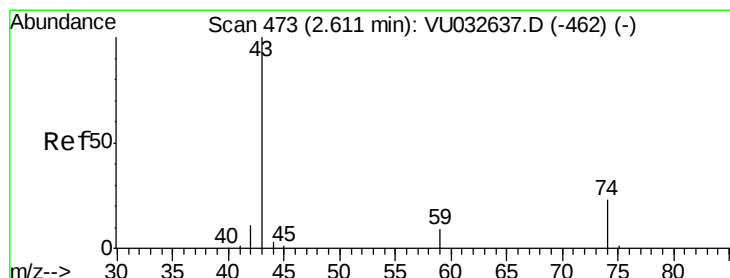
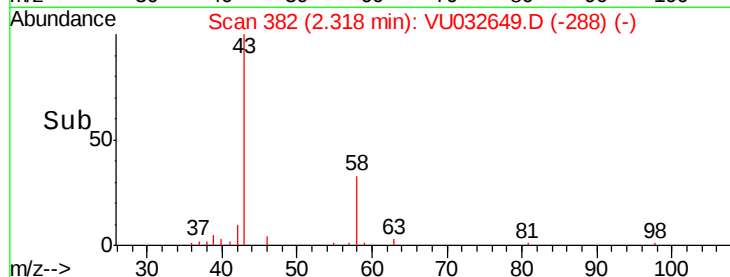
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#15

Methyl Acetate

Concen: 0.925 ug/L

RT: 2.62 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU032649.D

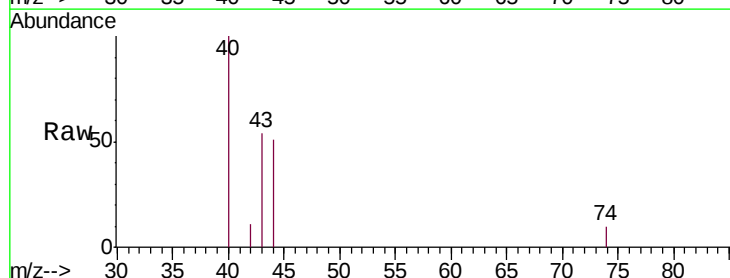
Acq: 12 Jun 2019 14:10

Tgt Ion: 43 Resp: 1228

Ion Ratio Lower Upper

43 100

74 7.7 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) (-)

2.62

600

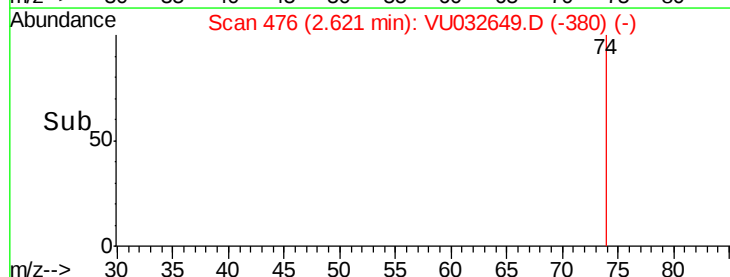
400

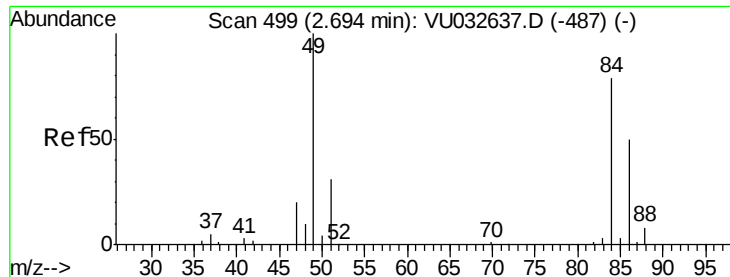
200

0

Time-->

2.60 2.65

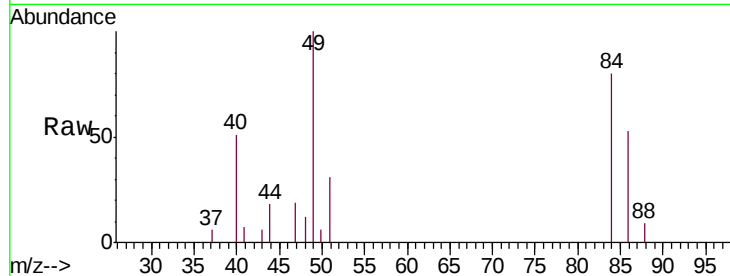




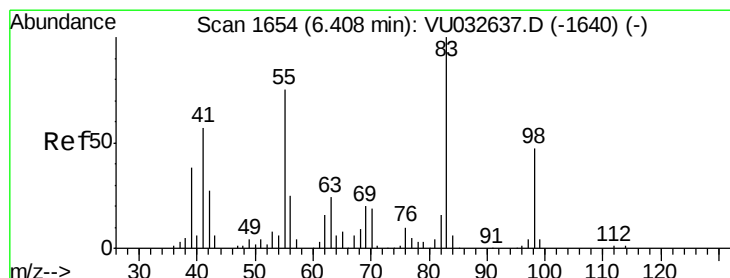
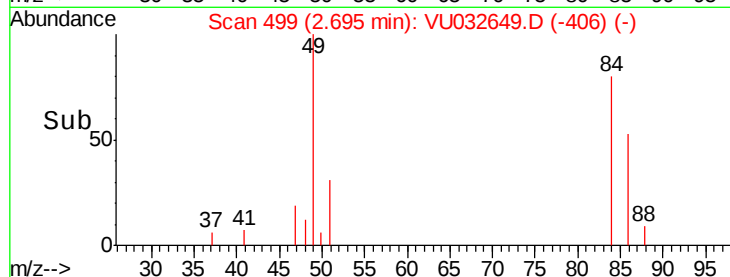
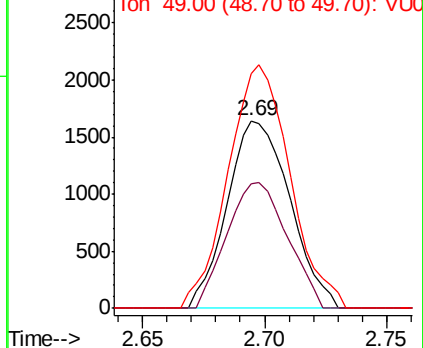
#16
Methylene chloride
Concen: 2.612 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032649.D
Acq: 12 Jun 2019 14:10

Instrument :
MSVOA_U
ClientSampleId :
C0JW8

Tgt Ion: 84 Resp: 2935
Ion Ratio Lower Upper
84 100
86 66.4 44.7 82.9
49 125.3 86.1 159.9

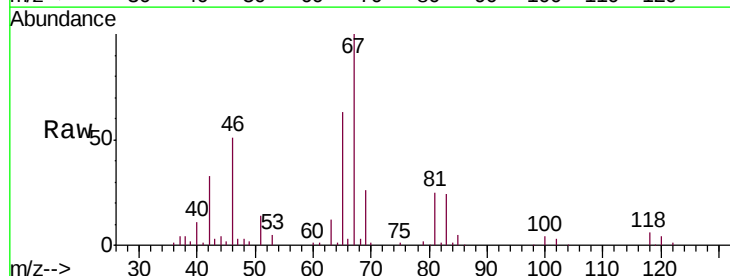


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

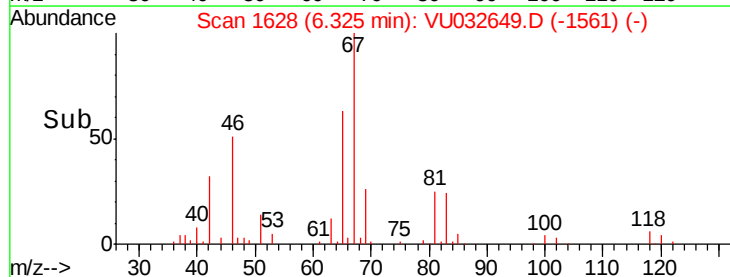
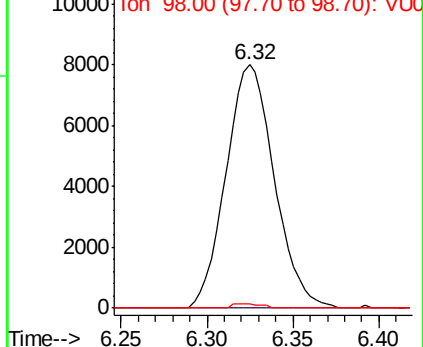


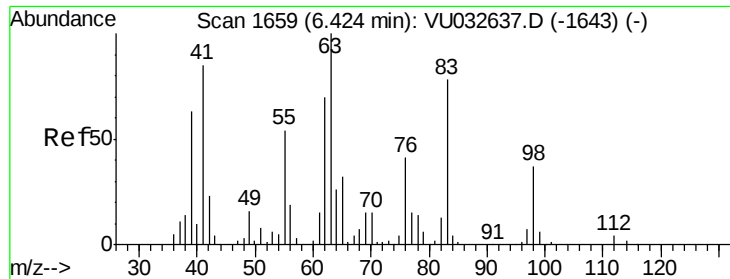
#35
Methylcyclohexane
Concen: 8.087 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032649.D
Acq: 12 Jun 2019 14:10

Tgt Ion: 83 Resp: 15706
Ion Ratio Lower Upper
83 100
55 0.7 60.2 90.4#
98 1.0 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

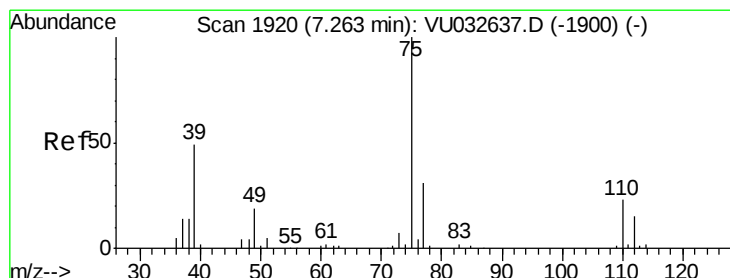
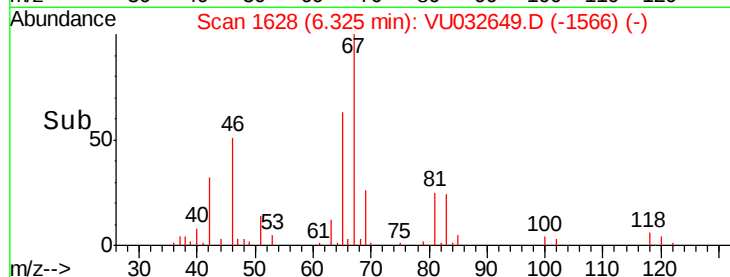
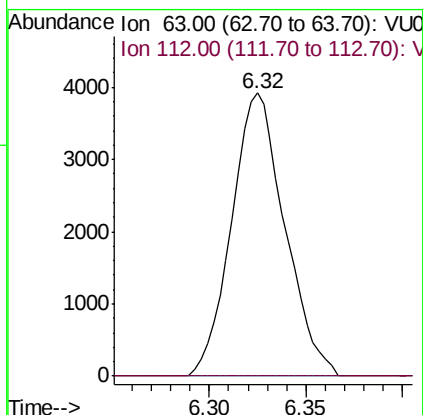
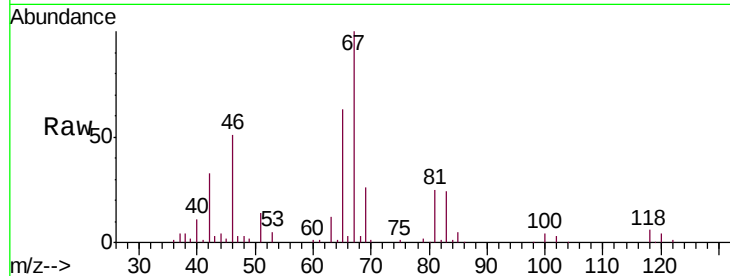




#37
 1,2-Dichloropropane
 Concen: 6.407 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032649.D
 Acq: 12 Jun 2019 14:10

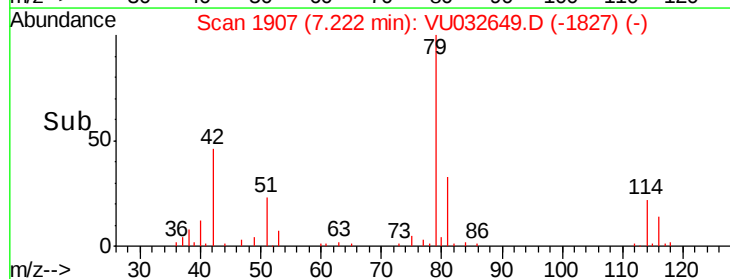
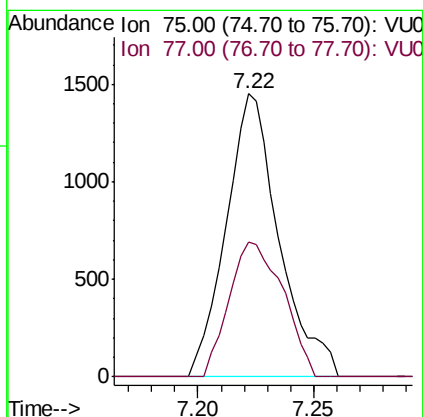
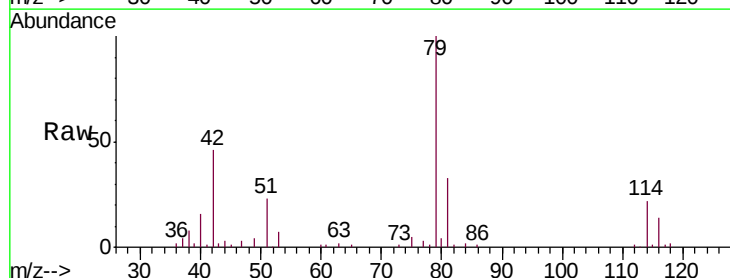
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JW8

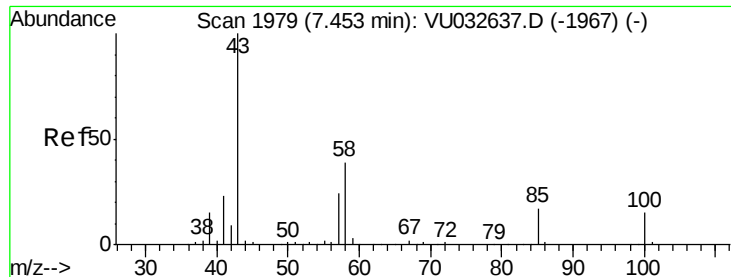
Tgt Ion: 63 Resp: 7489
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.246 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032649.D
 Acq: 12 Jun 2019 14:10

Tgt Ion: 75 Resp: 2298
 Ion Ratio Lower Upper
 75 100
 77 47.8 22.0 41.0#

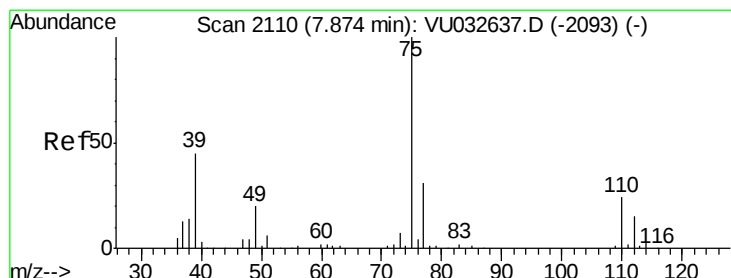
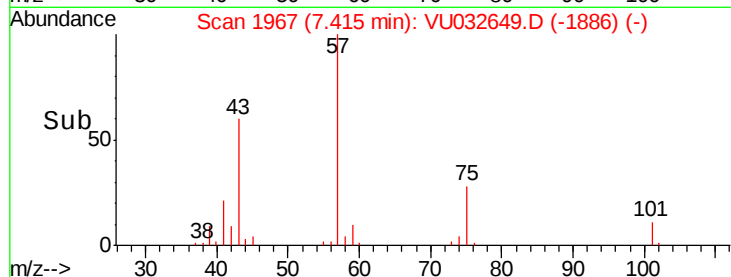
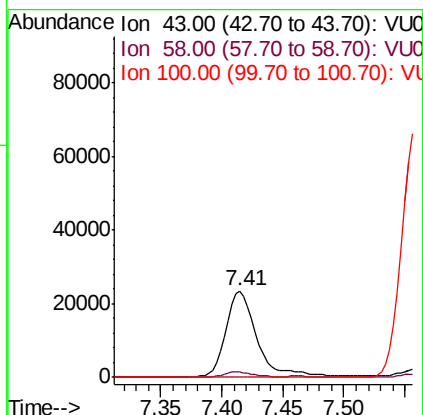
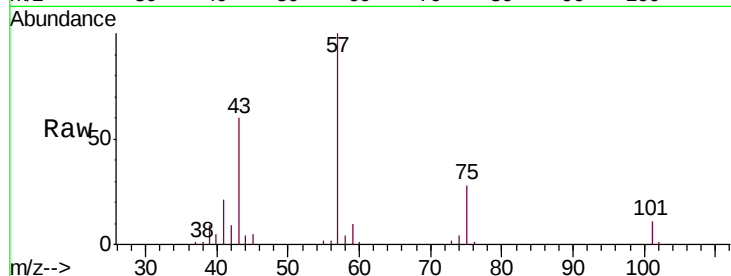




#40
4-Methyl-2-pentanone
Concen: 21.754 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. -0.04 min
Lab File: VU032649.D
Acq: 12 Jun 2019 14:10

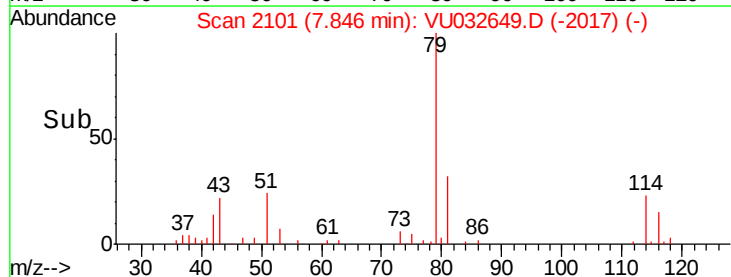
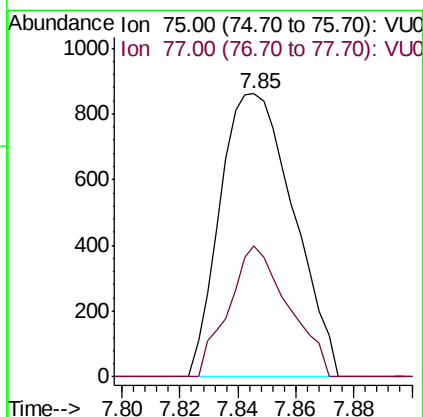
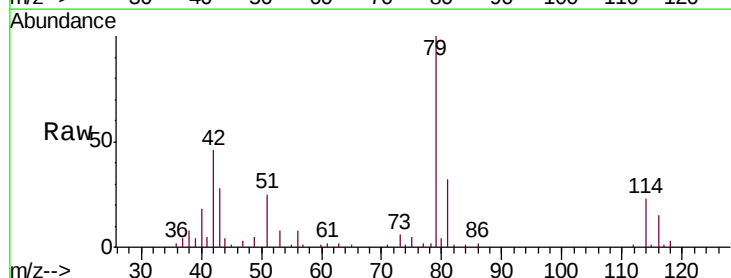
Instrument :
MSVOA_U
ClientSampled :
C0JW8

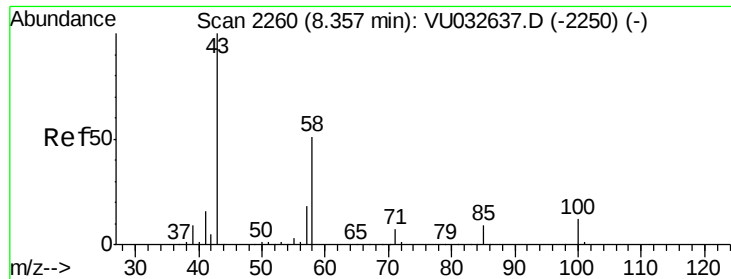
Tgt Ion: 43 Resp: 40910
Ion Ratio Lower Upper
43 100
58 6.4 30.8 46.2#
100 0.0 12.1 18.1#



#44
trans-1,3-Dichloropropene
Concen: 0.924 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032649.D
Acq: 12 Jun 2019 14:10

Tgt Ion: 75 Resp: 1513
Ion Ratio Lower Upper
75 100
77 46.2 22.1 41.1#

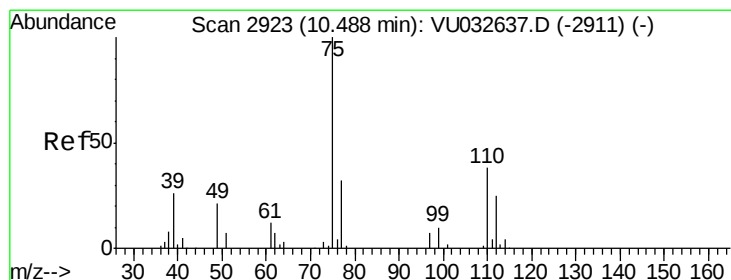
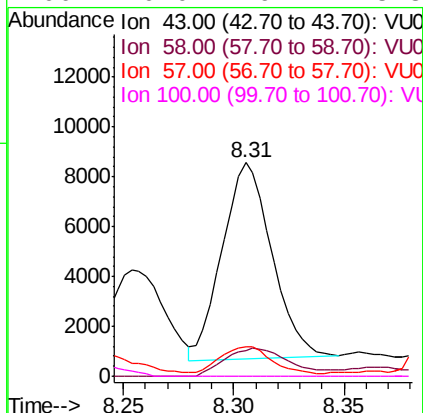
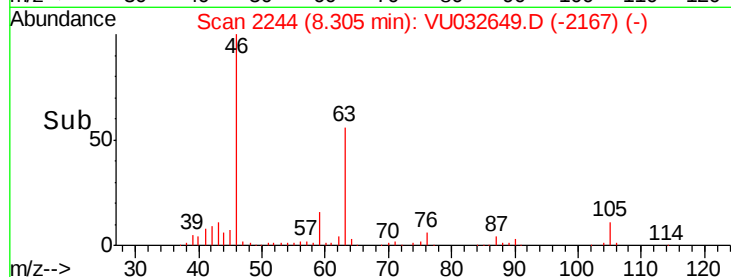
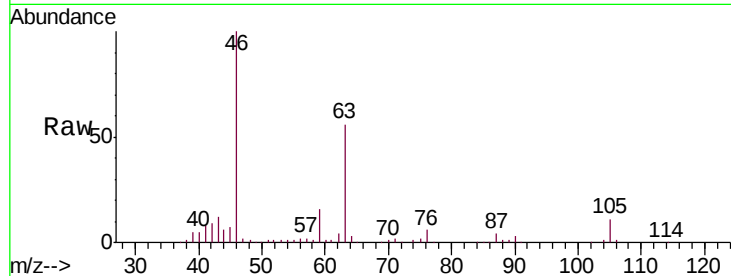




#48
2-Hexanone
Concen: 7.938 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU032649.D
Acq: 12 Jun 2019 14:10

Instrument :
MSVOA_U
ClientSampleId :
C0JW8

Tgt Ion: 43 Resp: 12262
Ion Ratio Lower Upper
43 100
58 18.4 42.0 63.0#
57 13.4 14.6 22.0#
100 0.0 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.383 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032649.D
Acq: 12 Jun 2019 14:10

Tgt Ion: 75 Resp: 9700
Ion Ratio Lower Upper
75 100
77 34.8 25.6 38.4

