

Data File : VU032640.D
Acq On : 12 Jun 2019 10:44
Operator : JC/SP
Sample : K3293-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8Q9DL

Quant Time: Jun 13 05:04:12 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	168920	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	160738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78868	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60106	54.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.68%
7) Chloroethane-d5	1.68	69	46727	53.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.12%
11) 1,1-Dichloroethene-d2	2.27	63	87878	40.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.90%
21) 2-Butanone-d5	4.18	46	92835	101.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.22%
24) Chloroform-d	4.64	84	106122	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.84%
26) 1,2-Dichloroethane-d4	5.30	65	71889	55.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.66%
32) Benzene-d6	5.33	84	217737	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.36%
36) 1,2-Dichloropropane-d6	6.32	67	68262	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.34%
41) Toluene-d8	7.56	98	201533	50.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.86%
43) trans-1,3-Dichloropropene-	7.85	79	30554	48.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.58%
47) 2-Hexanone-d5	8.31	63	47532	74.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92945	49.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	78637	52.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.12%

Target Compounds

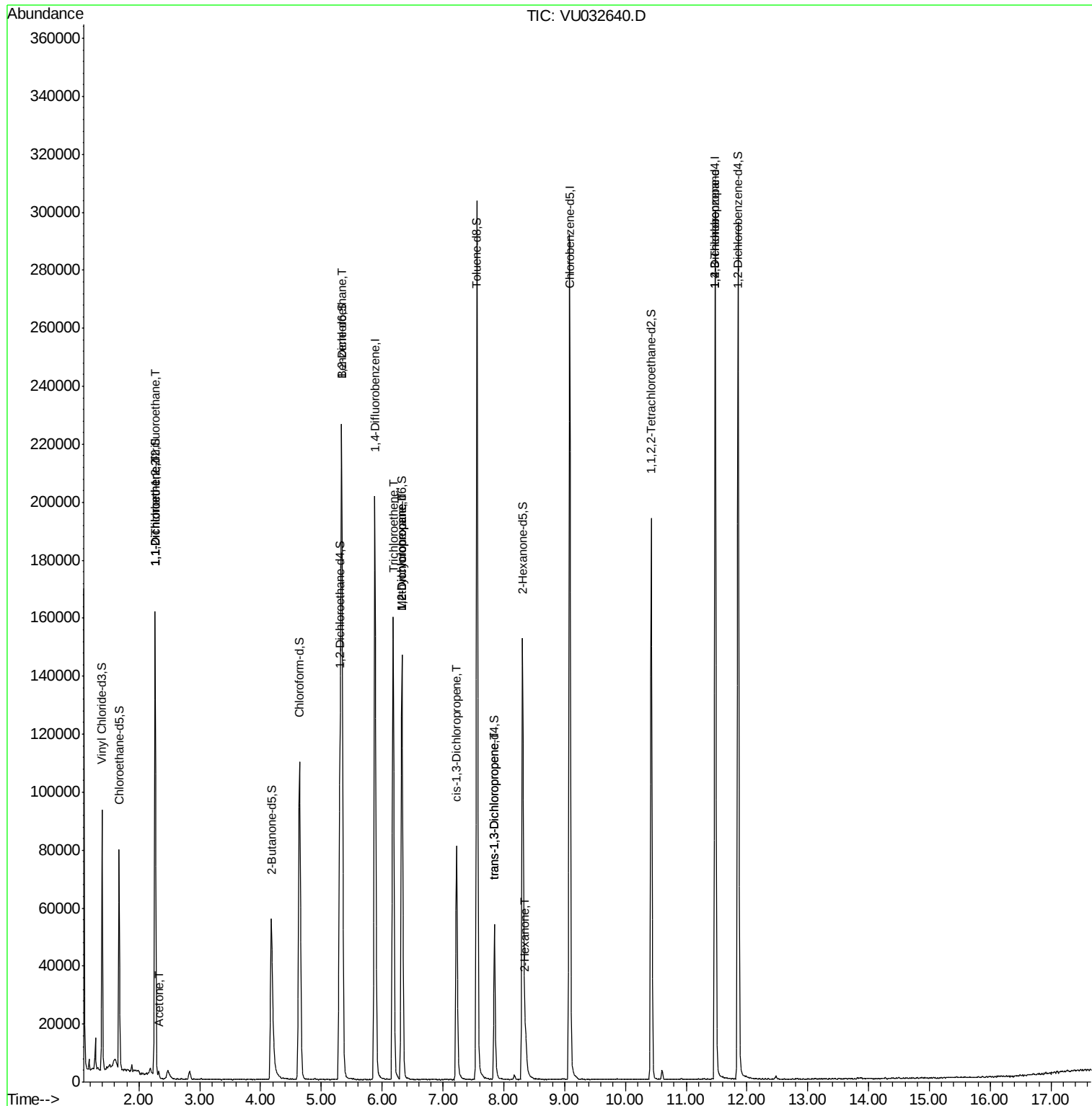
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	772	0.748	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	649	0.647	ug/L #	1
13) Acetone	2.32	43	1204	1.272	ug/L	71
27) 1,2-Dichloroethane	5.33	62	1210	0.749	ug/L #	75
34) Trichloroethene	6.18	95	51974	42.300	ug/L	99
35) Methylcyclohexane	6.32	83	16055	8.071	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7896	6.595	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2291	1.213	ug/L #	72
44) trans-1,3-Dichloropropene	7.85	75	1384	0.825	ug/L #	81
48) 2-Hexanone	8.36	43	1726	1.091	ug/L #	26
59) 1,2,3-Trichloropropane	11.48	75	9686	6.224	ug/L	92

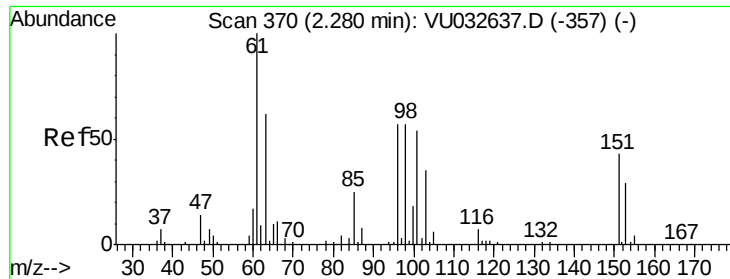
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:01:06 2019
Response via : Initial Calibration





#10

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

Concen: 0.748 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032640.D

Acq: 12 Jun 2019 10:44

Instrument :

MSVOA_U

ClientSampleId :

DB8Q9DL

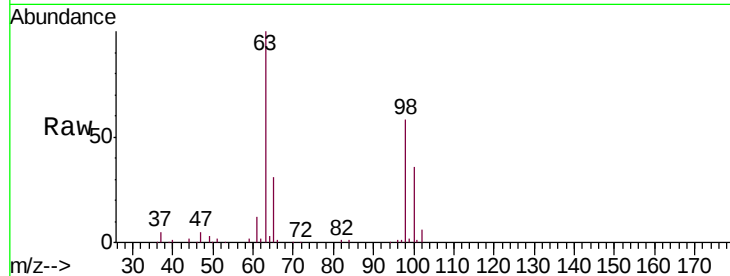
Tgt Ion: 101 Resp: 772

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

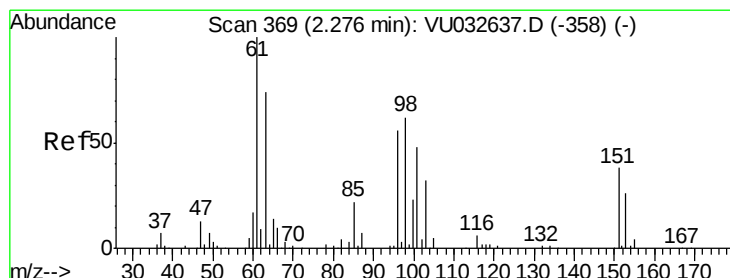
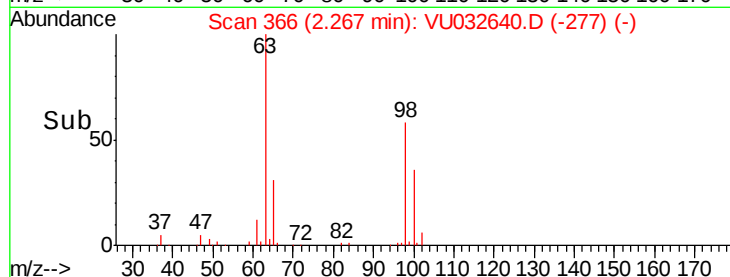
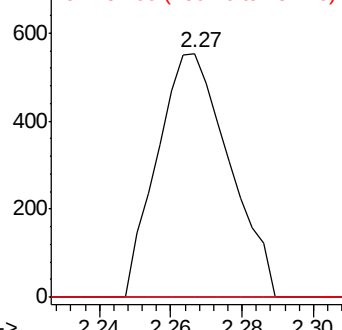
151 0.0 63.0 94.4#



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: 0.647 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032640.D

Acq: 12 Jun 2019 10:44

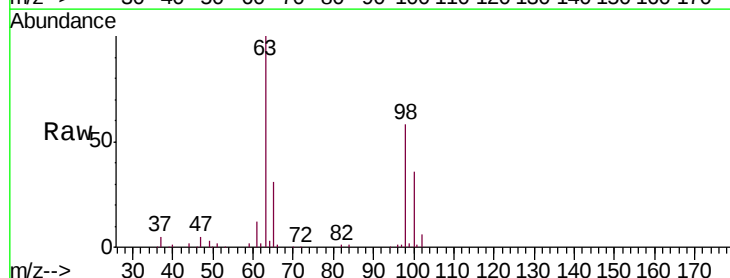
Tgt Ion: 96 Resp: 649

Ion Ratio Lower Upper

96 100

61 1670.6 129.5 240.5#

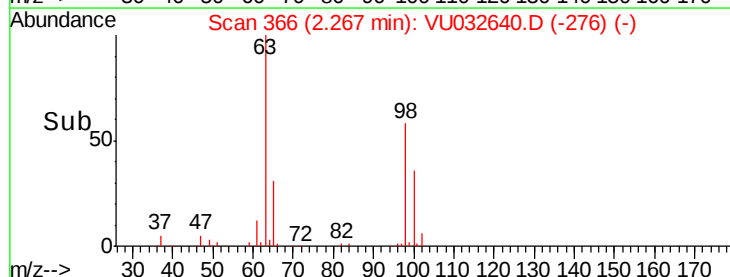
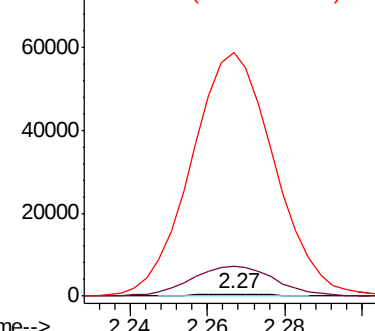
63 13460.6 103.4 192.0#

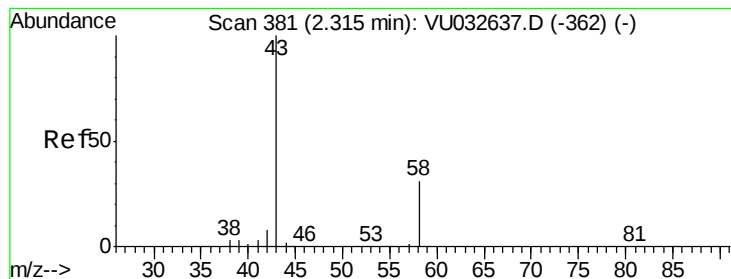


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.272 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU032640.D

Acq: 12 Jun 2019 10:44

Instrument :

MSVOA_U

ClientSampleId :

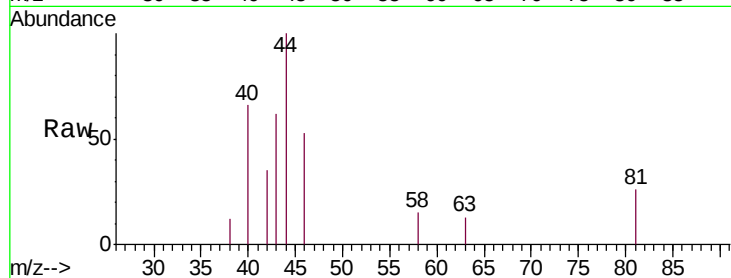
DB8Q9DL

Tgt Ion: 43 Resp: 1204

Ion Ratio Lower Upper

43 100

58 16.0 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

600

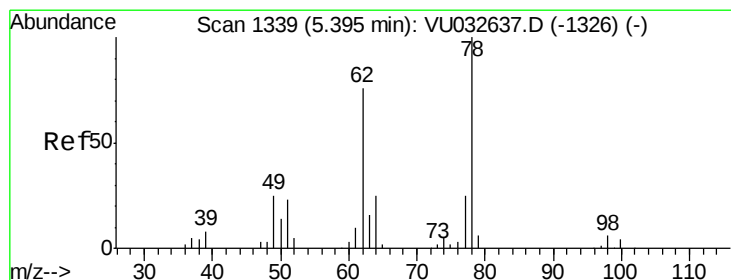
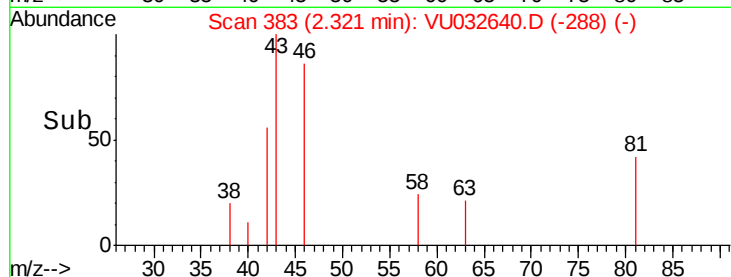
400

200

0

2.30 2.35

Time-->



#27

1,2-Dichloroethane

Concen: 0.749 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032640.D

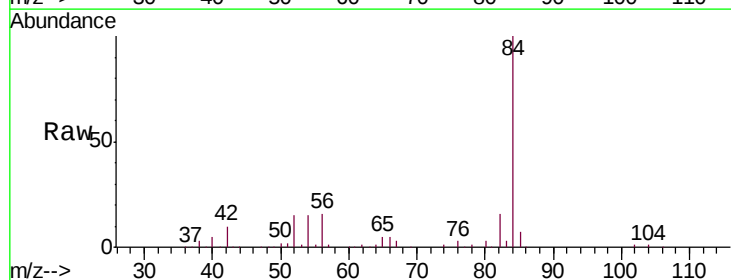
Acq: 12 Jun 2019 10:44

Tgt Ion: 62 Resp: 1210

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032637.D (-1326) (-)

Ion 98.00 (97.70 to 98.70): VU032637.D (-1326) (-)

5.33

600

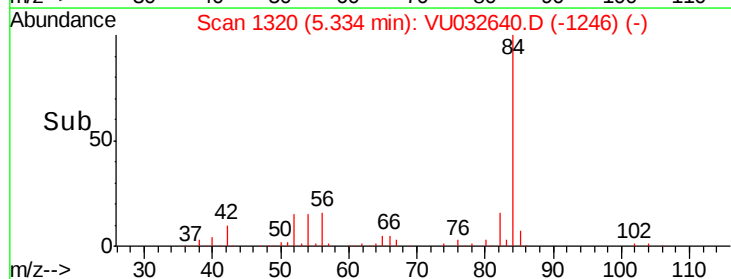
400

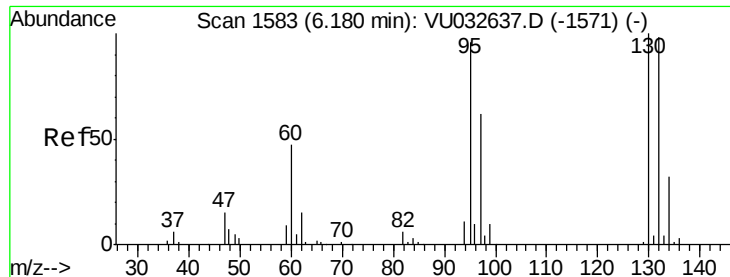
200

0

5.30 5.35

Time-->





#34

Trichloroethene

Concen: 42.300 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032640.D

Acq: 12 Jun 2019 10:44

Instrument :

MSVOA_U

ClientSampleId :

DB8Q9DL

Tgt Ion: 95 Resp: 51974

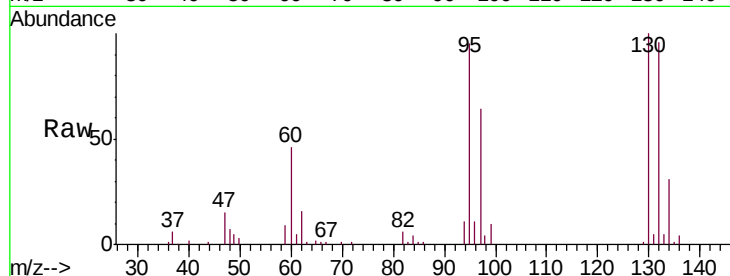
Ion Ratio Lower Upper

95 100

97 67.1 45.8 85.2

132 101.2 71.0 131.8

130 105.5 73.4 136.2

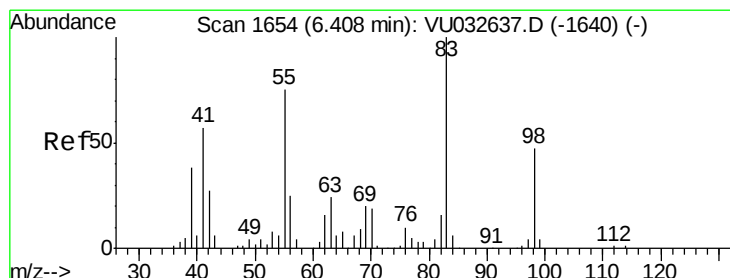
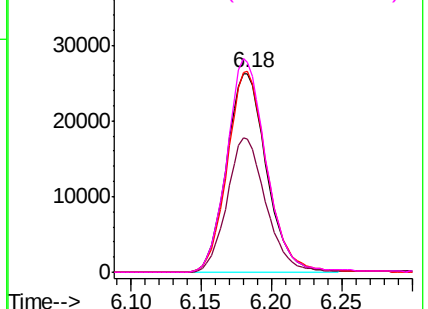
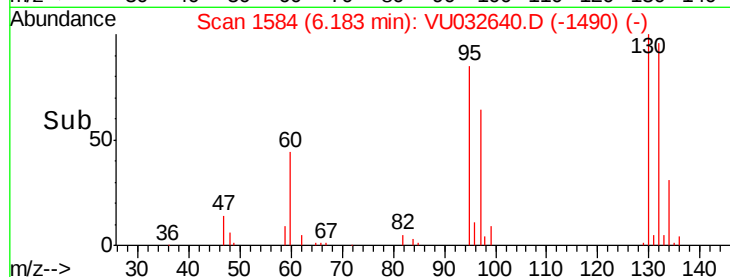


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 8.071 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032640.D

Acq: 12 Jun 2019 10:44

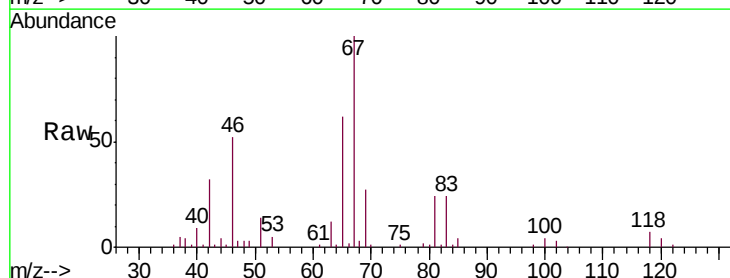
Tgt Ion: 83 Resp: 16055

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

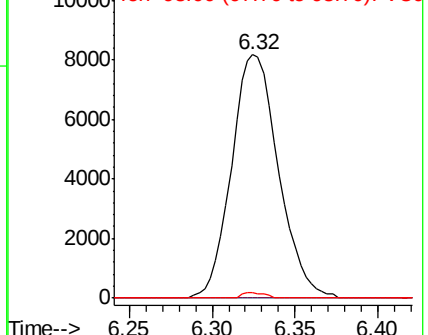
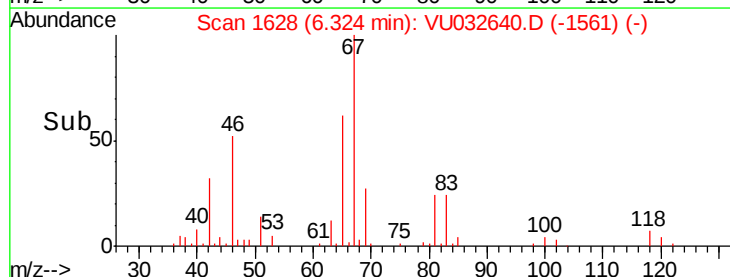
98 1.1 37.4 56.2#

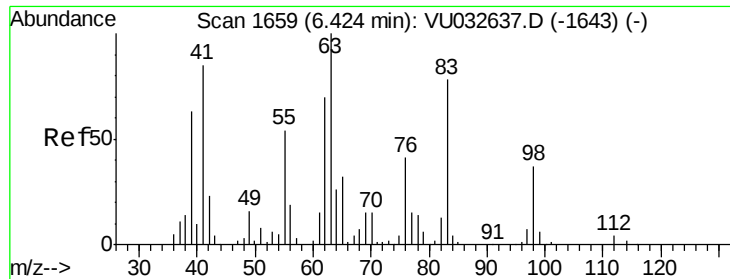


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

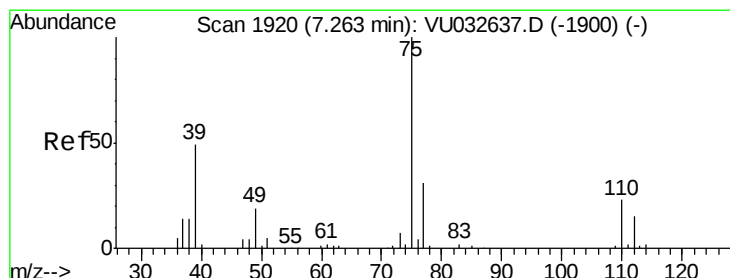
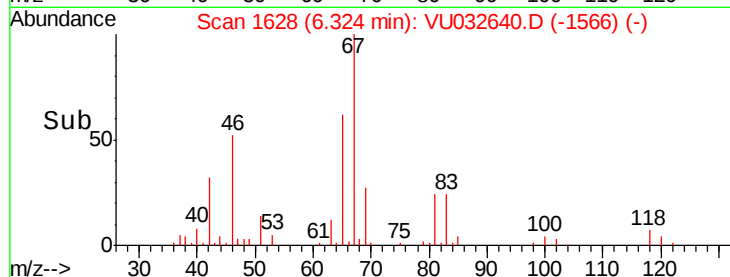
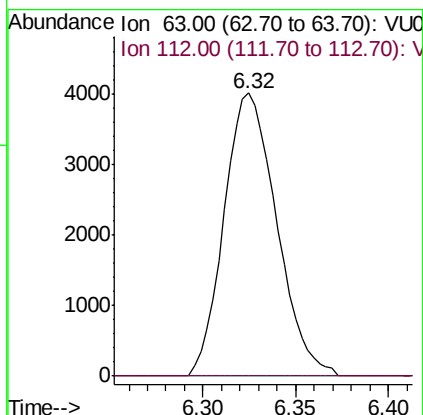
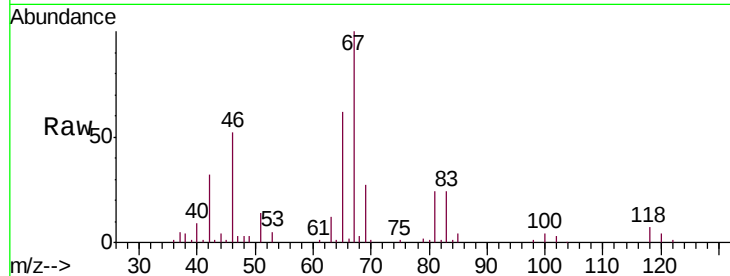




#37
 1,2-Dichloropropane
 Concen: 6.595 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032640.D
 Acq: 12 Jun 2019 10:44

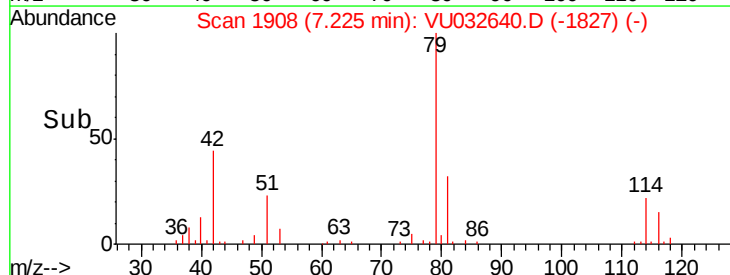
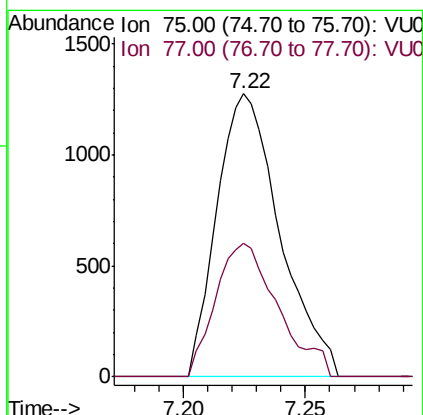
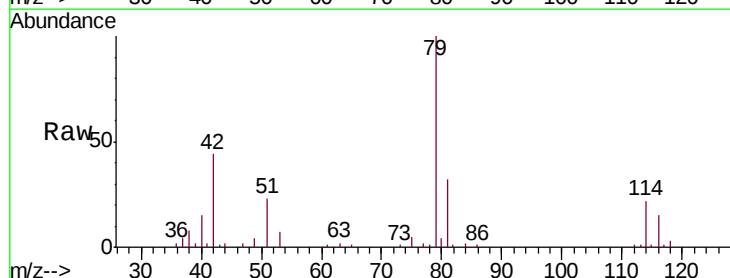
Instrument :
 MSVOA_U
 ClientSampled :
 DB8Q9DL

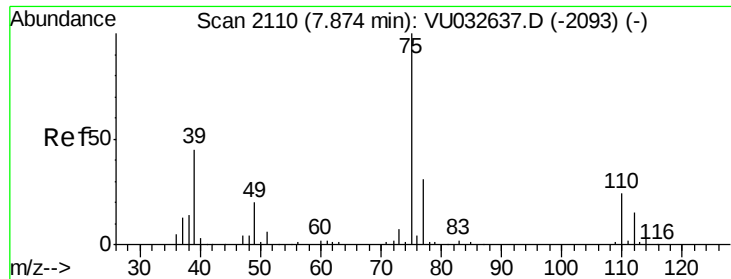
Tgt Ion: 63 Resp: 7896
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.213 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032640.D
 Acq: 12 Jun 2019 10:44

Tgt Ion: 75 Resp: 2291
 Ion Ratio Lower Upper
 75 100
 77 47.0 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.825 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032640.D

Acq: 12 Jun 2019 10:44

Instrument :

MSVOA_U

ClientSampleId :

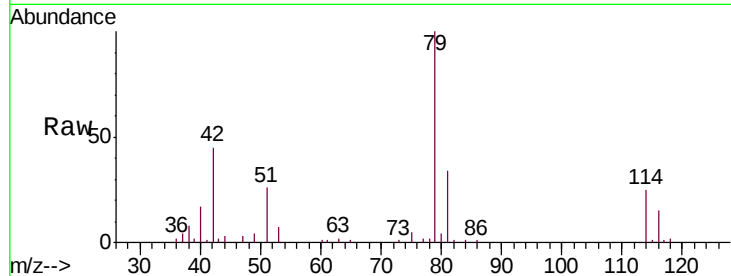
DB8Q9DL

Tgt Ion: 75 Resp: 1384

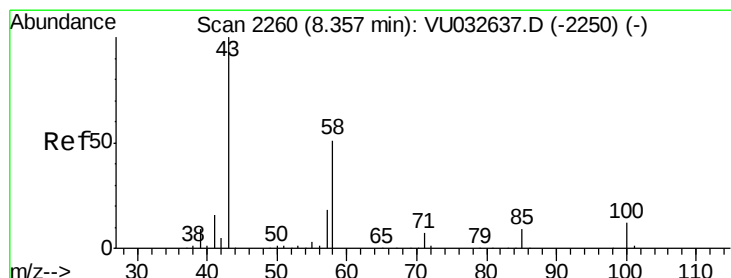
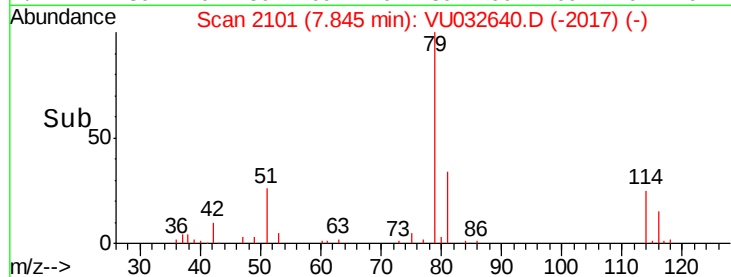
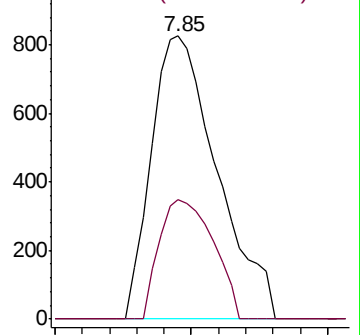
Ion Ratio Lower Upper

75 100

77 42.1 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU032637.D (-2093) (-)



#48

2-Hexanone

Concen: 1.091 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. 0.00 min

Lab File: VU032640.D

Acq: 12 Jun 2019 10:44

Tgt Ion: 43 Resp: 1726

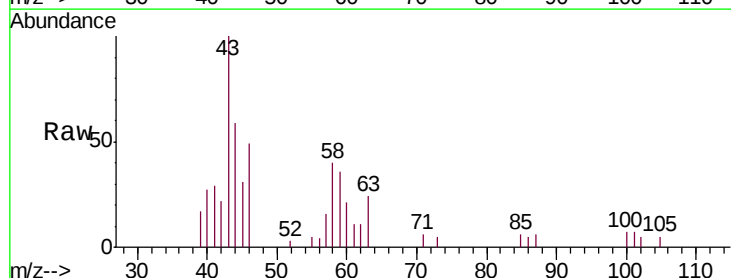
Ion Ratio Lower Upper

43 100

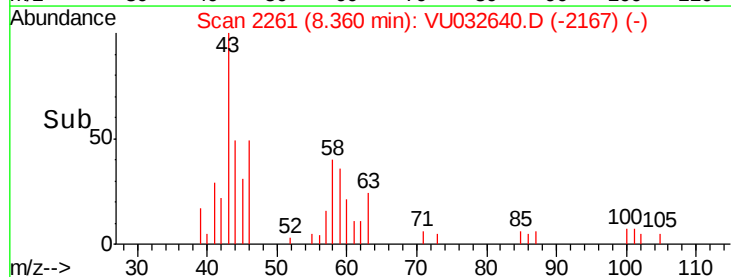
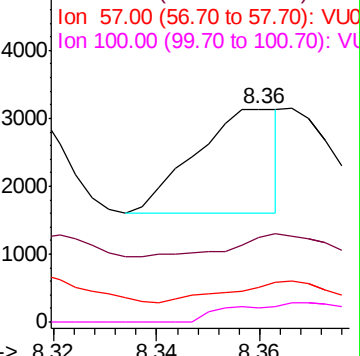
58 96.0 42.0 63.0#

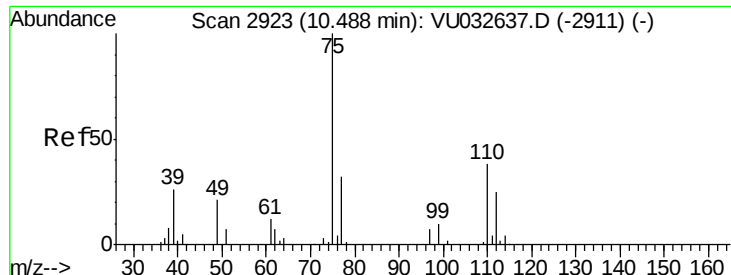
57 73.8 14.6 22.0#

100 29.4 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VU032637.D (-2250) (-)





#59

1,2,3-Trichloropropane

Concen: 6.224 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032640.D

Acq: 12 Jun 2019 10:44

Instrument :

MSVOA_U

ClientSampleId :

DB8Q9DL

Tgt Ion: 75 Resp: 9686

Ion Ratio Lower Upper

75 100

77 36.6 25.6 38.4

