

Data File : VU032641.D
Acq On : 12 Jun 2019 11:07
Operator : JC/SP
Sample : K3293-07DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8R0DL

Quant Time: Jun 13 05:04:21 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	167483	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	161836	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77872	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59311	54.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.16%
7) Chloroethane-d5	1.68	69	46949	53.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.54%
11) 1,1-Dichloroethene-d2	2.27	63	88727	41.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.40%
21) 2-Butanone-d5	4.17	46	85146	93.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.63%
24) Chloroform-d	4.64	84	105976	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.58%
26) 1,2-Dichloroethane-d4	5.30	65	70438	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.34%
32) Benzene-d6	5.33	84	220389	52.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.92%
36) 1,2-Dichloropropane-d6	6.32	67	67702	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.78%
41) Toluene-d8	7.56	98	201540	50.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.18%
43) trans-1,3-Dichloropropene-	7.85	79	29945	47.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.00%
47) 2-Hexanone-d5	8.31	63	41358	64.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	64.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90329	47.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.64%
64) 1,2-Dichlorobenzene-d4	11.85	152	79013	52.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.94%

Target Compounds

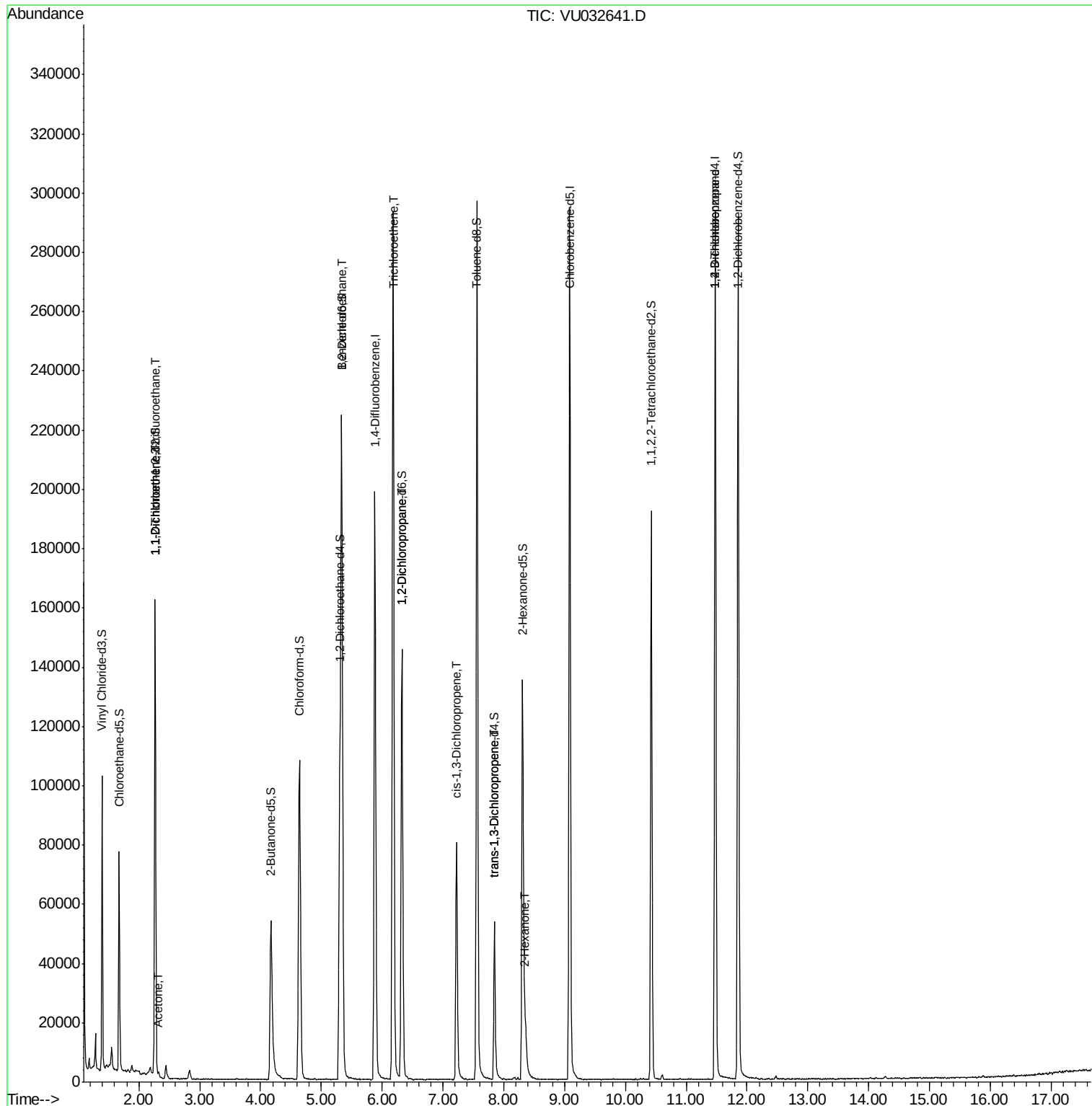
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	757	0.740 ug/L #	18
12) 1,1-Dichloroethene	2.26	96	743	0.748 ug/L #	1
13) Acetone	2.32	43	1199	1.278 ug/L	71
27) 1,2-Dichloroethane	5.33	62	1271	0.794 ug/L #	75
34) Trichloroethene	6.18	95	96902	78.331 ug/L	98
37) 1,2-Dichloropropane	6.33	63	7864	6.524 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2195	1.154 ug/L #	57
44) trans-1,3-Dichloropropene	7.85	75	1498	0.887 ug/L	86
48) 2-Hexanone	8.36	43	10052	6.311 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	9752	6.224 ug/L	94

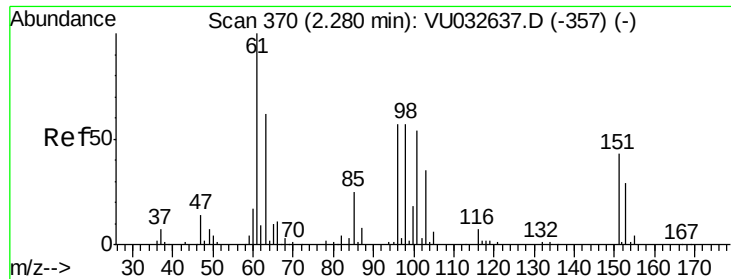
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032641.D
Acq On : 12 Jun 2019 11:07
Operator : JC/SP
Sample : K3293-07DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8R0DL

Quant Time: Jun 13 05:04:21 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





#10

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

Concen: 0.740 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032641.D

Acq: 12 Jun 2019 11:07

Instrument :

MSVOA_U

ClientSampleId :

DB8R0DL

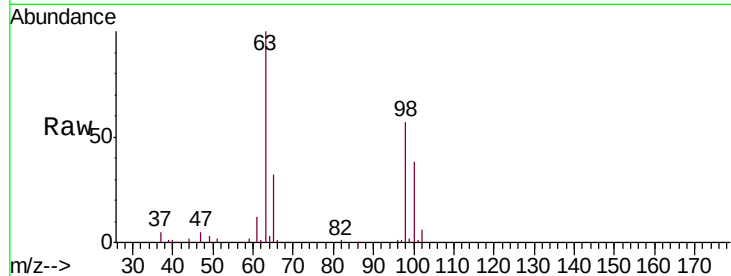
Tgt Ion: 101 Resp: 757

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

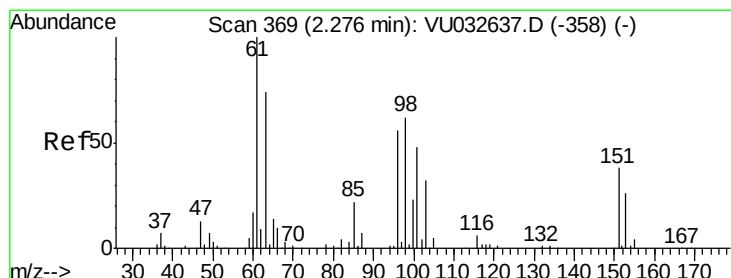
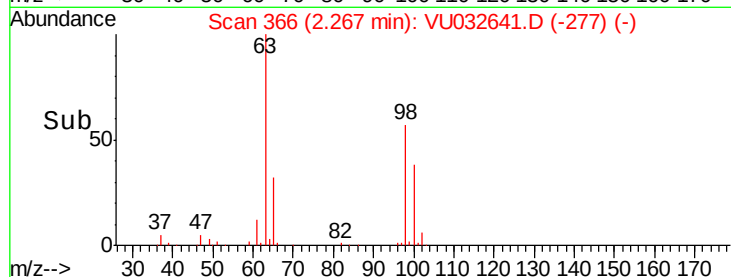
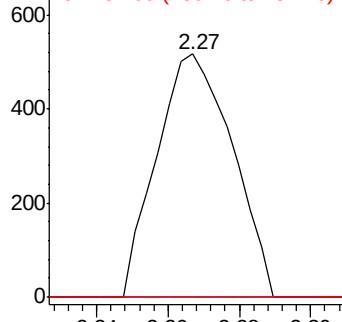
151 0.0 63.0 94.4#



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: 0.748 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU032641.D

Acq: 12 Jun 2019 11:07

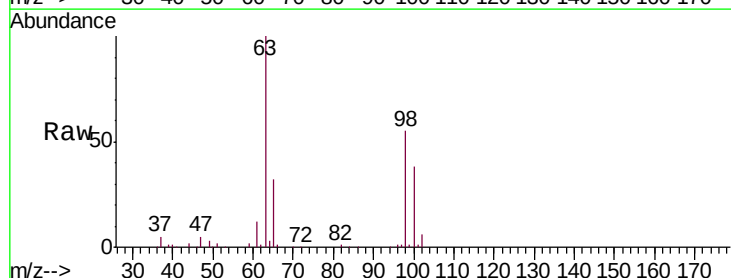
Tgt Ion: 96 Resp: 743

Ion Ratio Lower Upper

96 100

61 1255.0 129.5 240.5#

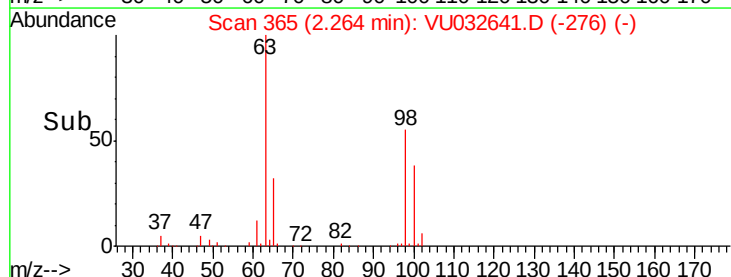
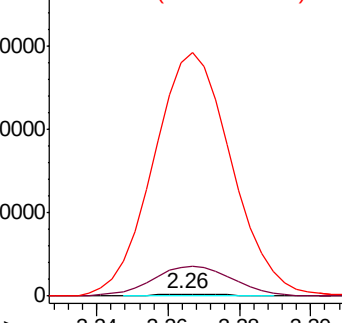
63 10070.5 103.4 192.0#

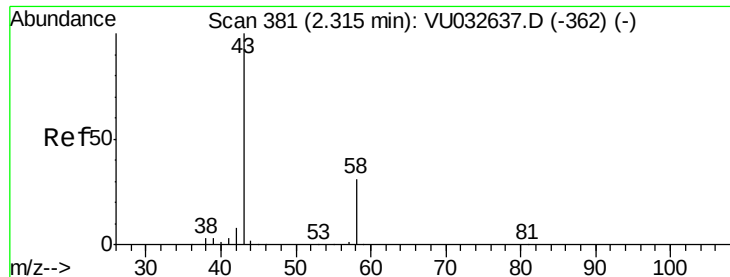


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.278 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032641.D

Acq: 12 Jun 2019 11:07

Instrument :

MSVOA_U

ClientSampleId :

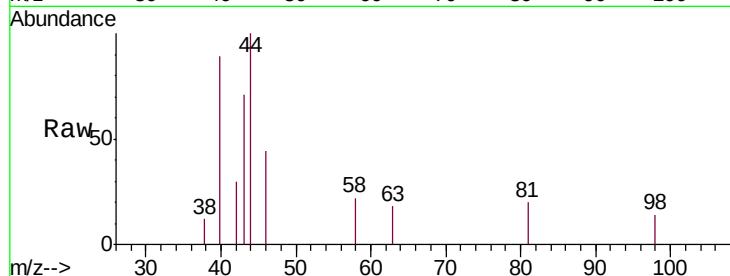
DB8R0DL

Tgt Ion: 43 Resp: 1199

Ion Ratio Lower Upper

43 100

58 16.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

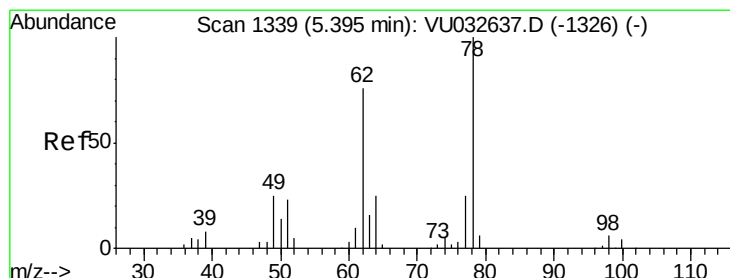
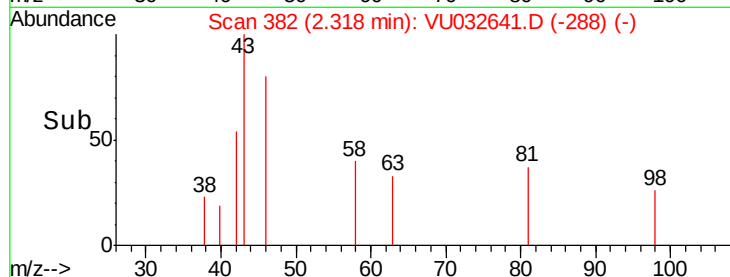
400

200

0

2.30 2.35

Time-->



#27

1,2-Dichloroethane

Concen: 0.794 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032641.D

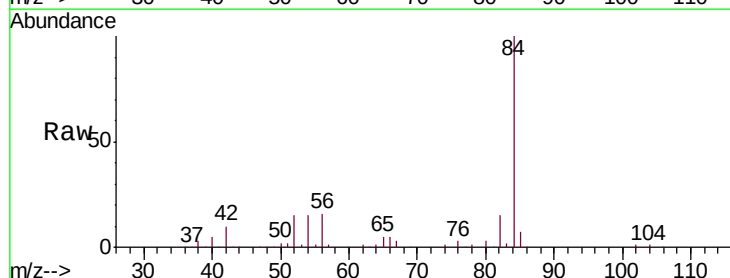
Acq: 12 Jun 2019 11:07

Tgt Ion: 62 Resp: 1271

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

5.33

600

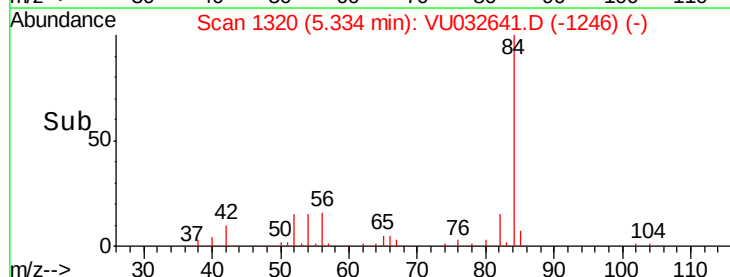
400

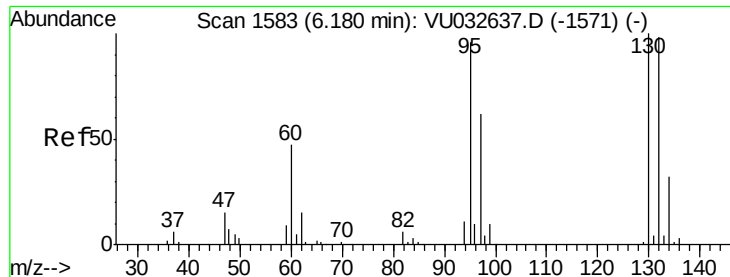
200

0

5.30 5.35

Time-->





#34

Trichloroethene

Concen: 78.331 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032641.D

Acq: 12 Jun 2019 11:07

Instrument :

MSVOA_U

ClientSampleId :

DB8R0DL

Tgt Ion: 95 Resp: 96902

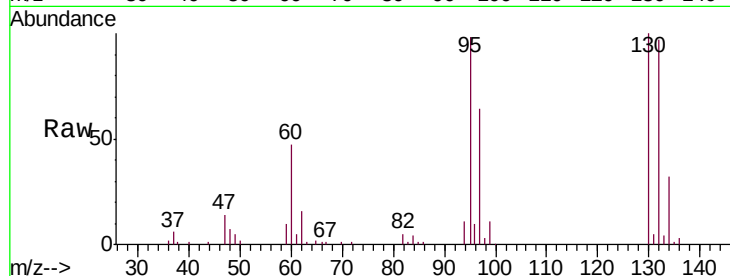
Ion Ratio Lower Upper

95 100

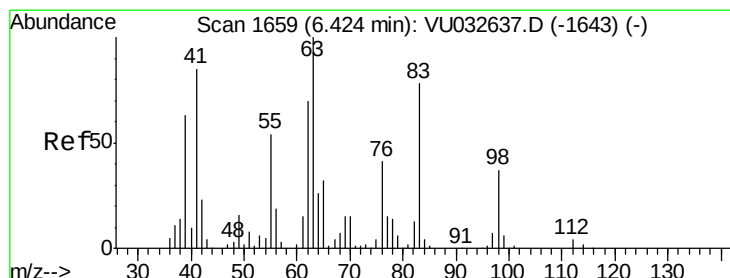
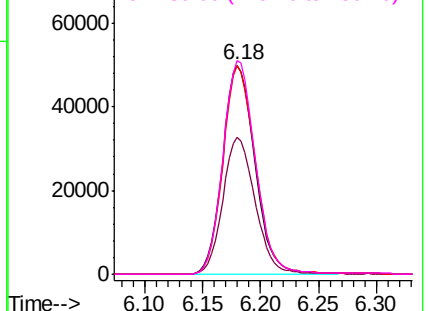
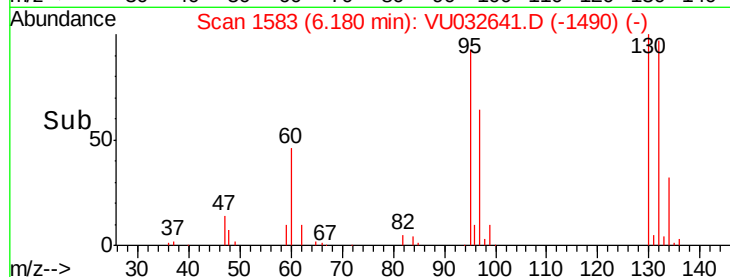
97 65.4 45.8 85.2

132 99.5 71.0 131.8

130 102.2 73.4 136.2



Abundance Ion 95.00 (94.70 to 95.70): VU032641.D (-1490) (-)



#37

1,2-Dichloropropane

Concen: 6.524 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032641.D

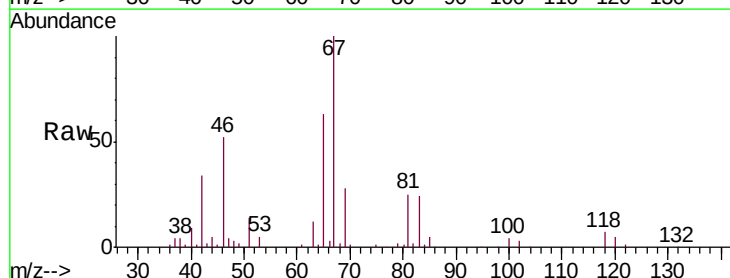
Acq: 12 Jun 2019 11:07

Tgt Ion: 63 Resp: 7864

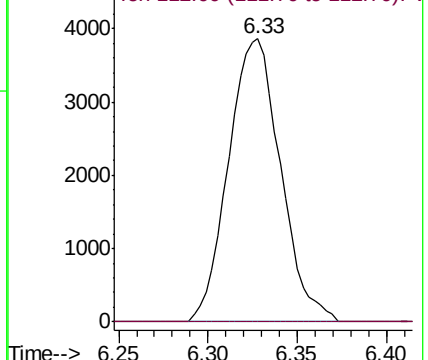
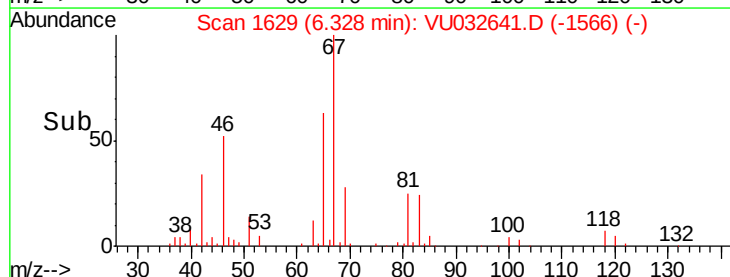
Ion Ratio Lower Upper

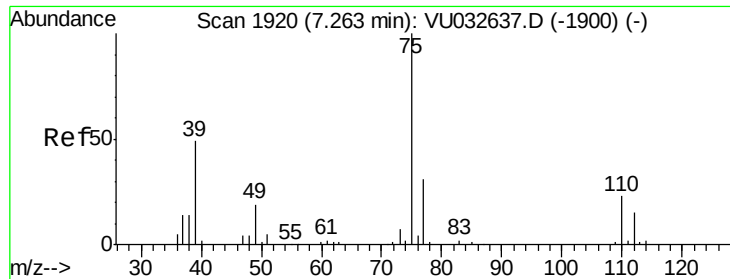
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU032641.D (-1566) (-)

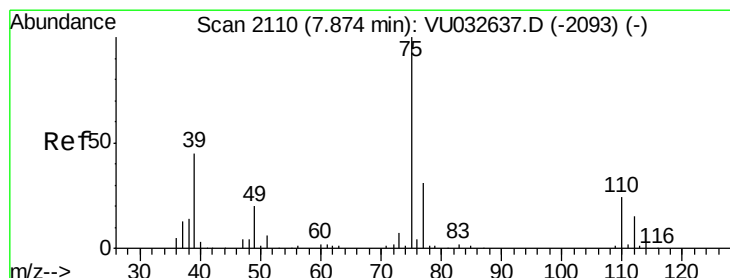
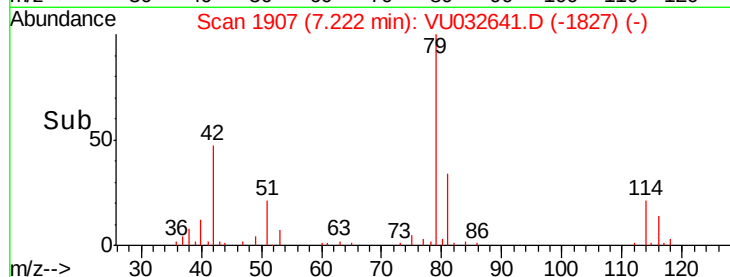
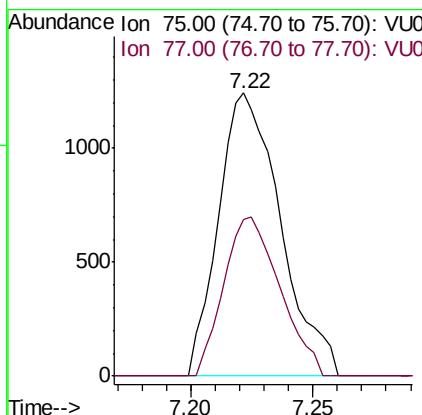
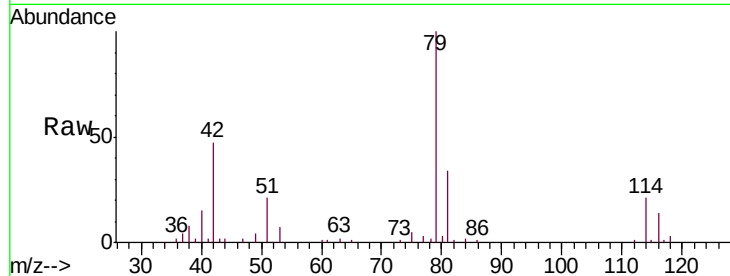




#39
 cis-1,3-Dichloropropene
 Concen: 1.154 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032641.D
 Acq: 12 Jun 2019 11:07

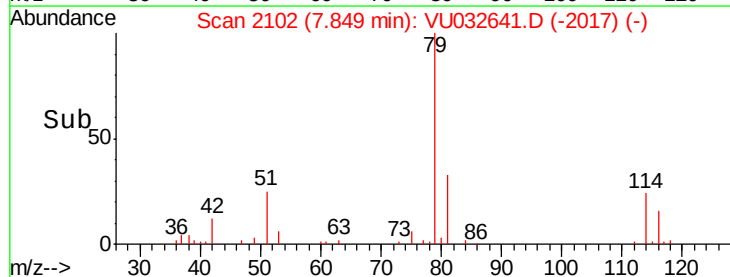
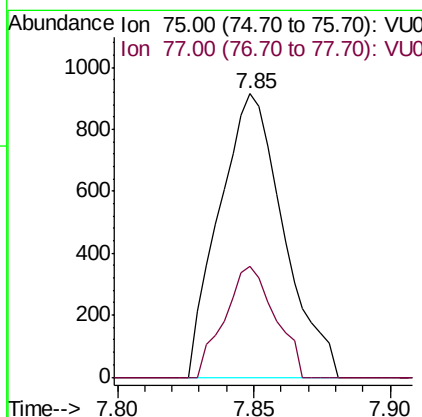
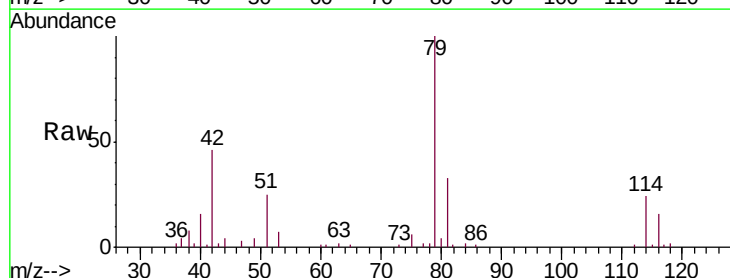
Instrument :
 MSVOA_U
 ClientSampleID :
 DB8R0DL

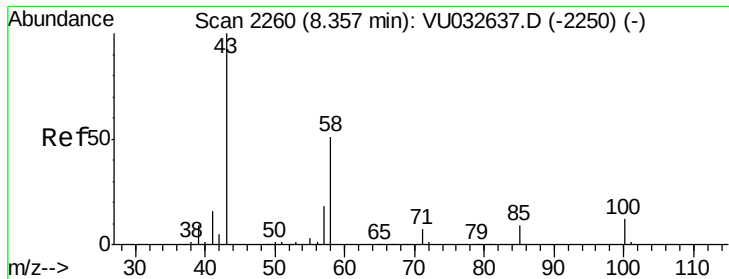
Tgt Ion: 75 Resp: 2195
 Ion Ratio Lower Upper
 75 100
 77 55.2 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.887 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032641.D
 Acq: 12 Jun 2019 11:07

Tgt Ion: 75 Resp: 1498
 Ion Ratio Lower Upper
 75 100
 77 39.2 22.1 41.1

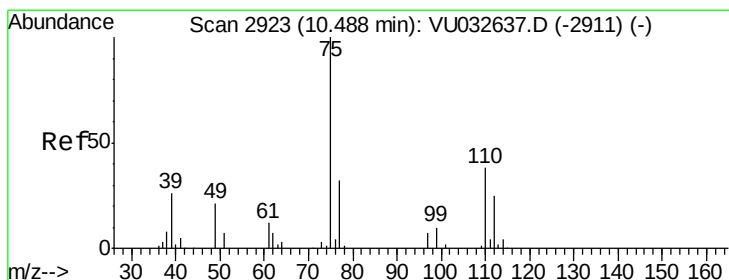
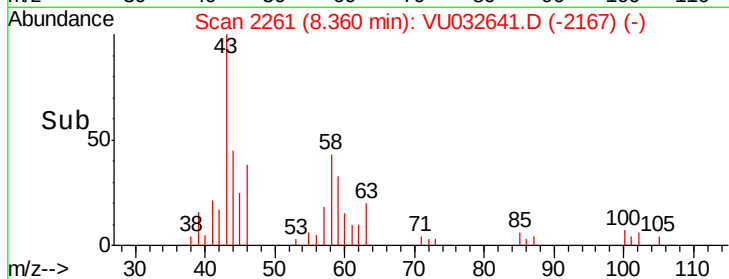
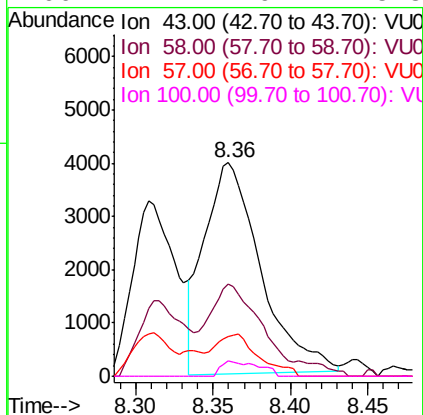
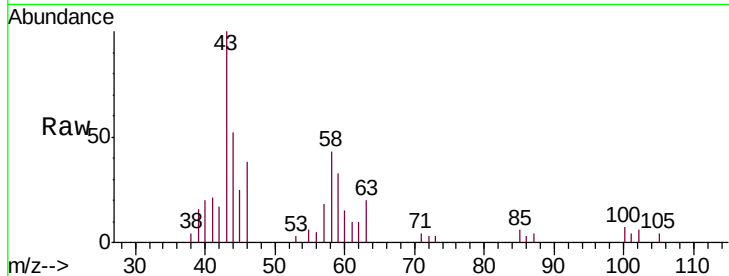




#48
 2-Hexanone
 Concen: 6.311 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU032641.D
 Acq: 12 Jun 2019 11:07

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8R0DL

Tgt Ion: 43 Resp: 10052
 Ion Ratio Lower Upper
 43 100
 58 31.5 42.0 63.0#
 57 15.6 14.6 22.0
 100 2.7 9.2 13.8#



#59
 1,2,3-Trichloropropane
 Concen: 6.224 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032641.D
 Acq: 12 Jun 2019 11:07

Tgt Ion: 75 Resp: 9752
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.6 38.4

