

Data File : VU032642.D
Acq On : 12 Jun 2019 11:30
Operator : JC/SP
Sample : VLEB#01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Quant Time: Jun 13 05:04:29 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	174108	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	166046	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82093	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57627	51.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.02%
7) Chloroethane-d5	1.68	69	45750	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.27	63	85843	38.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.62%
21) 2-Butanone-d5	4.17	46	96281	101.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.85%
24) Chloroform-d	4.64	84	103989	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	5.30	65	69226	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
32) Benzene-d6	5.33	84	212627	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
36) 1,2-Dichloropropane-d6	6.32	67	67781	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.30%
41) Toluene-d8	7.56	98	199430	48.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.58%
43) trans-1,3-Dichloropropene-	7.85	79	32077	49.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.18%
47) 2-Hexanone-d5	8.31	63	71846	109.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	95553	48.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.58%
64) 1,2-Dichlorobenzene-d4	11.85	152	78749	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

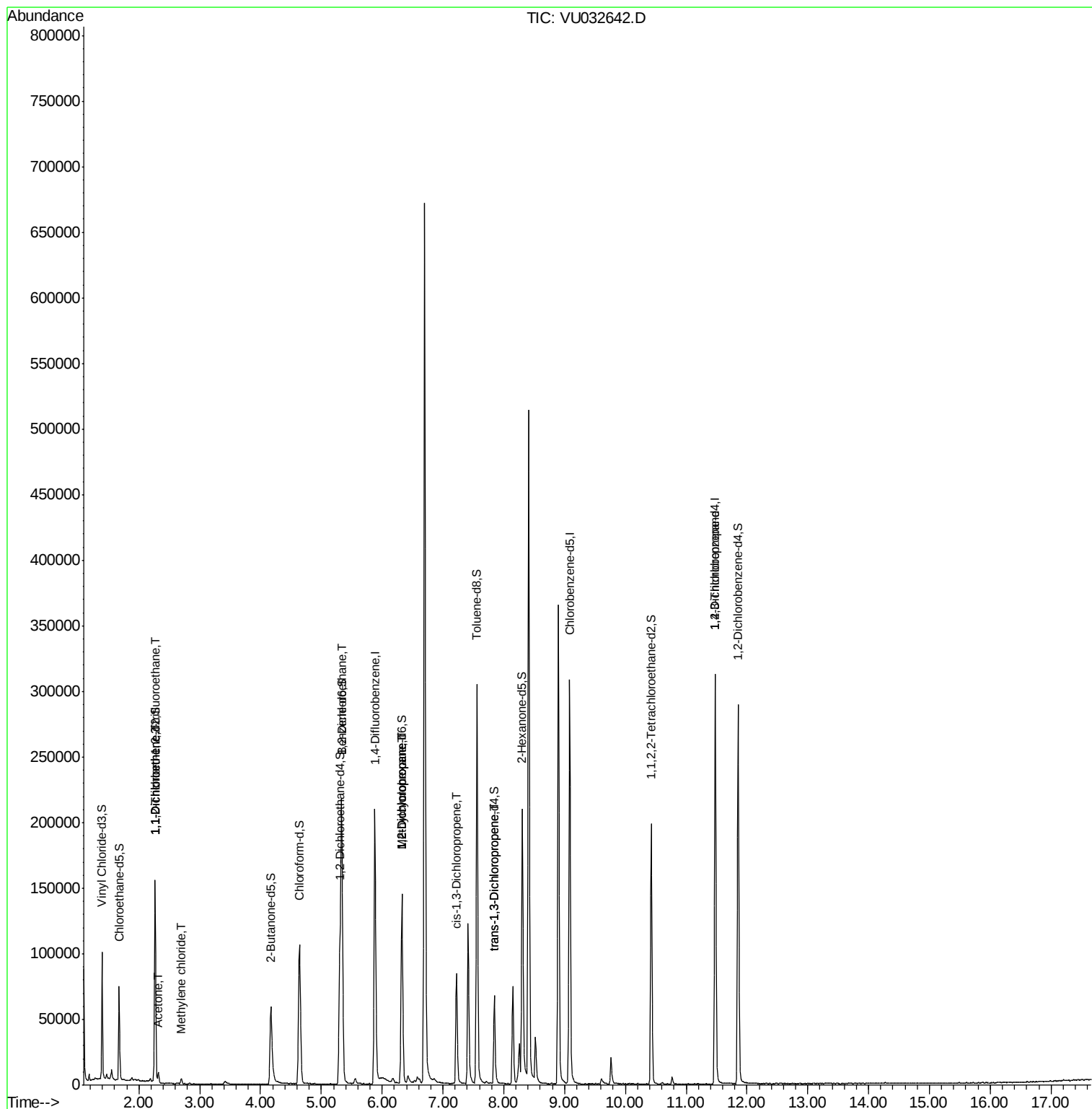
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	701	0.659 ug/L #	18
12) 1,1-Dichloroethene	2.26	96	580	0.561 ug/L #	1
13) Acetone	2.32	43	7598	7.790 ug/L	95
16) Methylene chloride	2.69	84	1855	1.574 ug/L	99
27) 1,2-Dichloroethane	5.33	62	1093	0.656 ug/L #	75
35) Methylcyclohexane	6.32	83	15497	7.542 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	7570	6.121 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2298	1.178 ug/L #	73
44) trans-1,3-Dichloropropene	7.85	75	1584	0.915 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	9959	6.195 ug/L	93

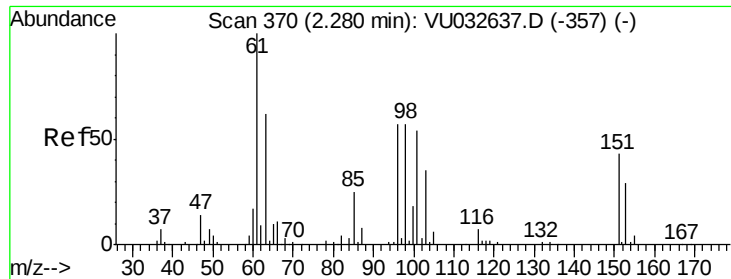
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032642.D
Acq On : 12 Jun 2019 11:30
Operator : JC/SP
Sample : VLEB#01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Quant Time: Jun 13 05:04:29 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: 0.659 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032642.D

Acq: 12 Jun 2019 11:30

Instrument :

MSVOA_U

ClientSampleId :

VLEB01

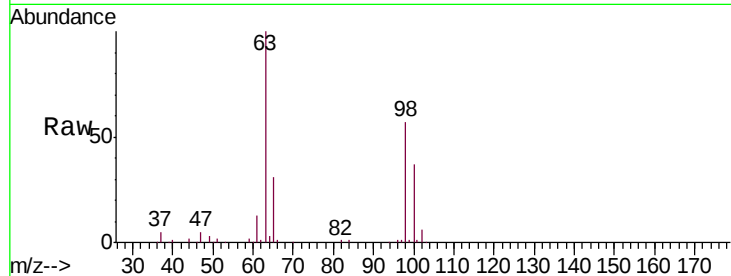
Tgt Ion: 101 Resp: 701

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

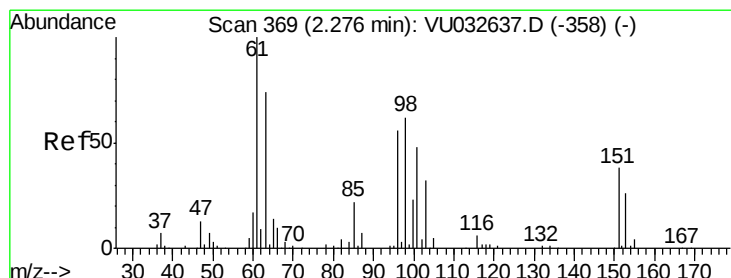
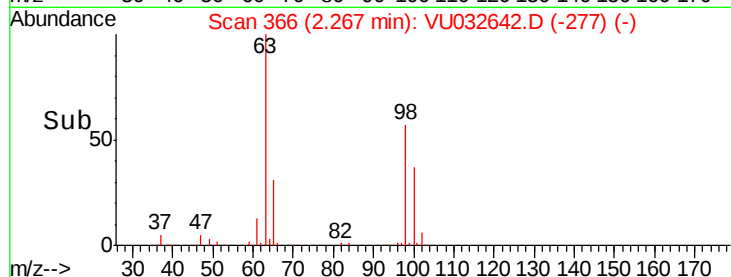
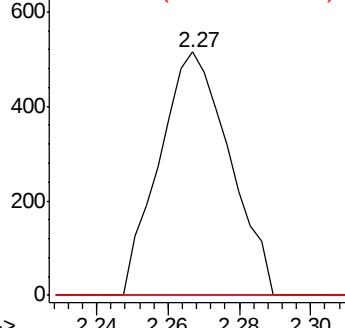
151 0.0 63.0 94.4#



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: 0.561 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU032642.D

Acq: 12 Jun 2019 11:30

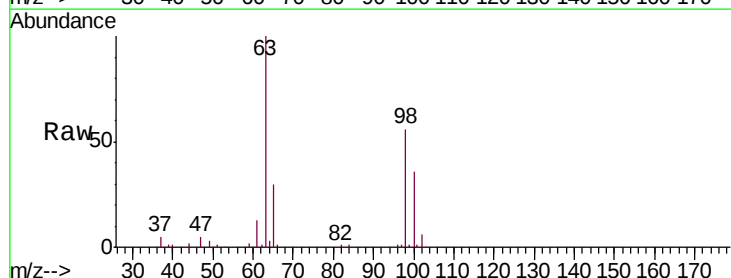
Tgt Ion: 96 Resp: 580

Ion Ratio Lower Upper

96 100

61 1744.1 129.5 240.5#

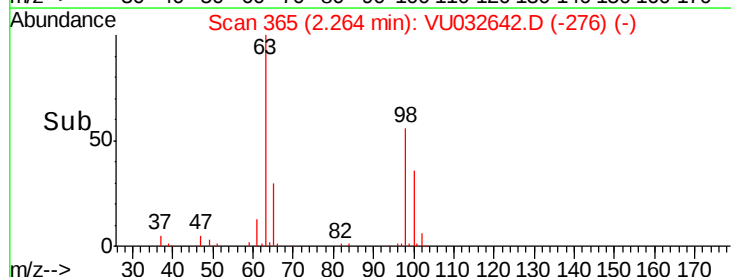
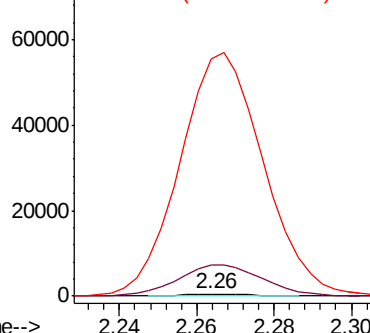
63 13291.1 103.4 192.0#

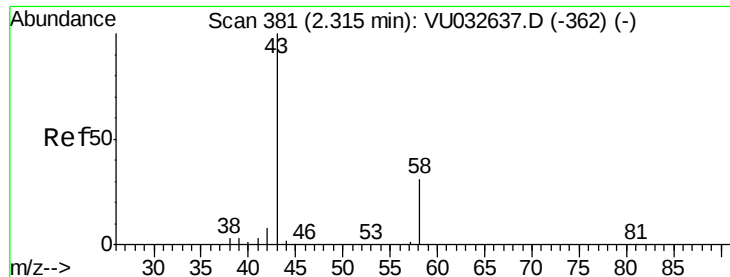


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 7.790 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032642.D

Acq: 12 Jun 2019 11:30

Instrument :

MSVOA_U

ClientSampleId :

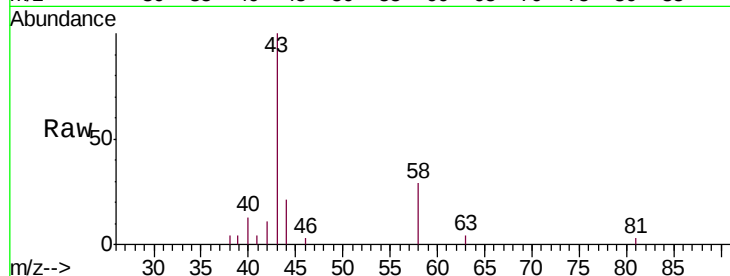
VLEB01

Tgt Ion: 43 Resp: 7598

Ion Ratio Lower Upper

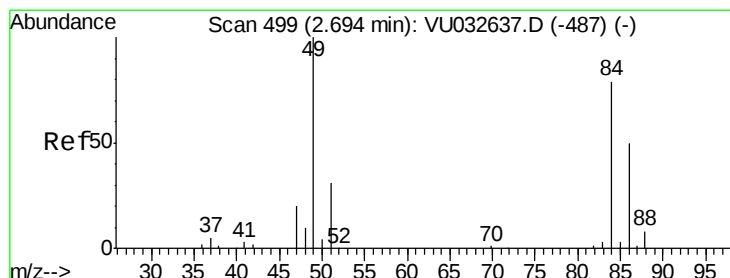
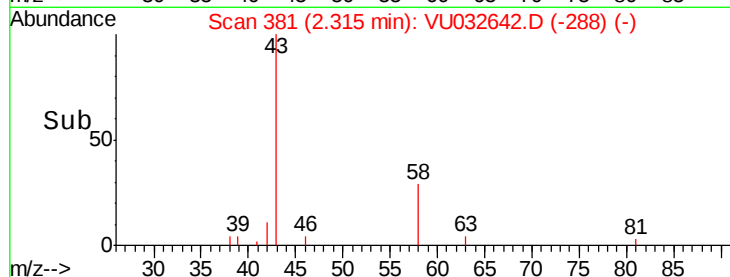
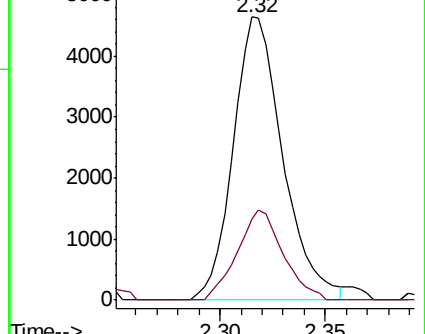
43 100

58 29.2 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) (-)



#16

Methylene chloride

Concen: 1.574 ug/L

RT: 2.69 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU032642.D

Acq: 12 Jun 2019 11:30

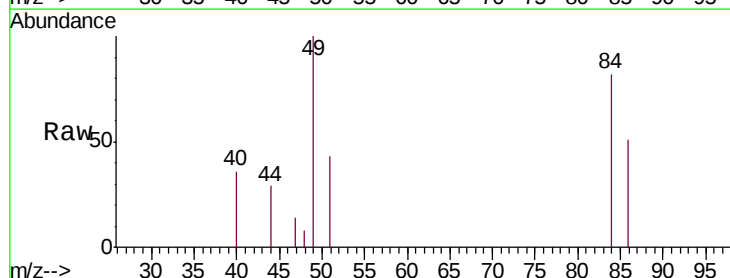
Tgt Ion: 84 Resp: 1855

Ion Ratio Lower Upper

84 100

86 62.6 44.7 82.9

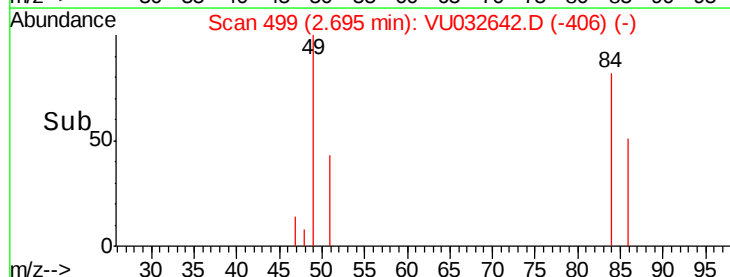
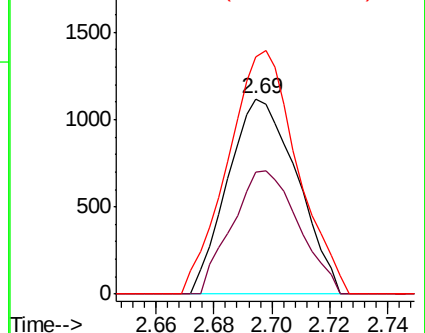
49 121.8 86.1 159.9

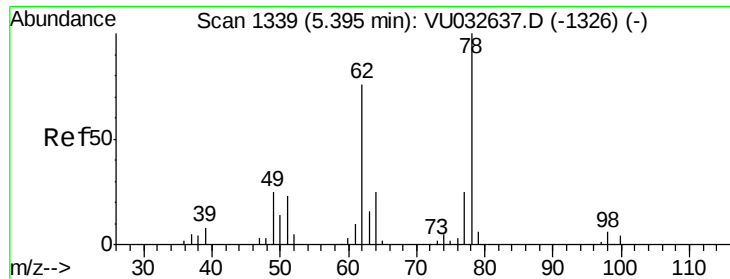


Abundance Ion 84.00 (83.70 to 84.70): VU032637.D (-487) (-)

Ion 86.00 (85.70 to 86.70): VU032637.D (-487) (-)

Ion 49.00 (48.70 to 49.70): VU032637.D (-487) (-)

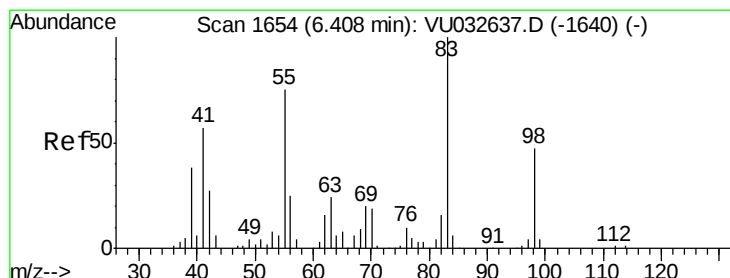
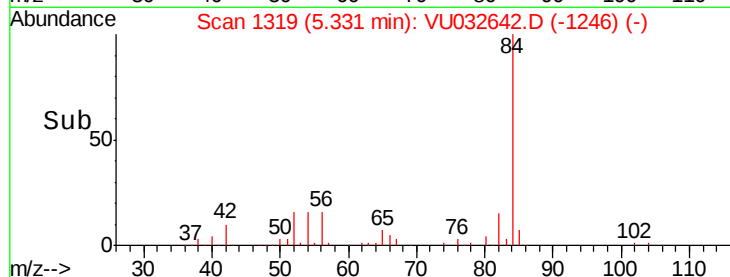
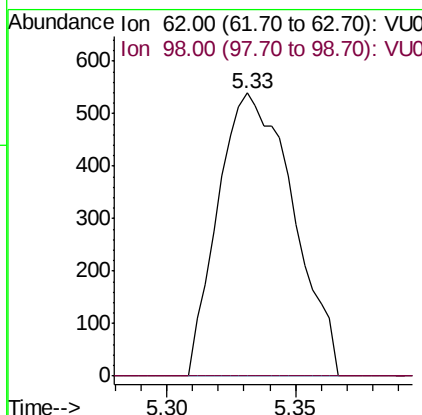
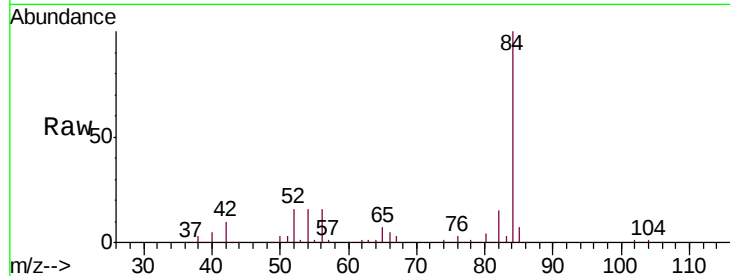




#27
 1,2-Dichloroethane
 Concen: 0.656 ug/L
 RT: 5.33 min Scan# 1319
 Delta R.T. -0.06 min
 Lab File: VU032642.D
 Acq: 12 Jun 2019 11:30

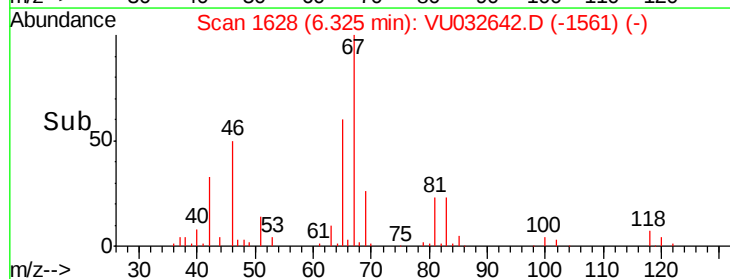
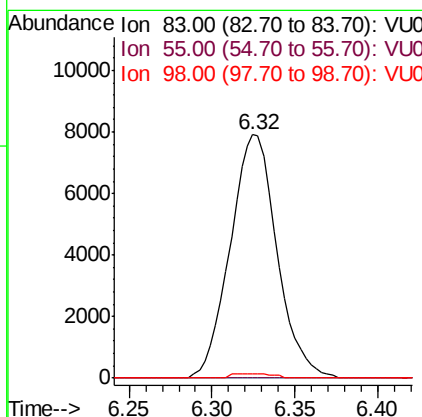
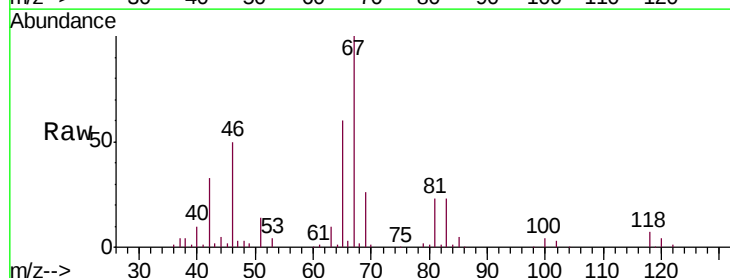
Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB01

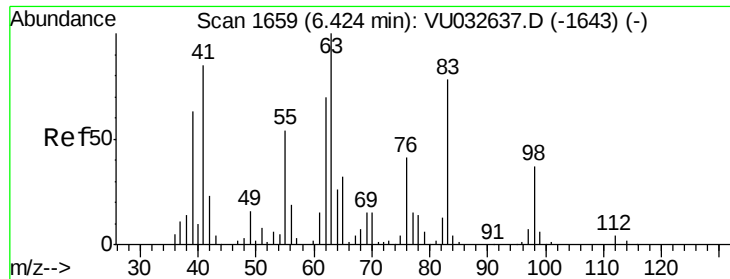
Tgt Ion: 62 Resp: 1093
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#35
 Methylcyclohexane
 Concen: 7.542 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.08 min
 Lab File: VU032642.D
 Acq: 12 Jun 2019 11:30

Tgt Ion: 83 Resp: 15497
 Ion Ratio Lower Upper
 83 100
 55 1.0 60.2 90.4#
 98 0.7 37.4 56.2#

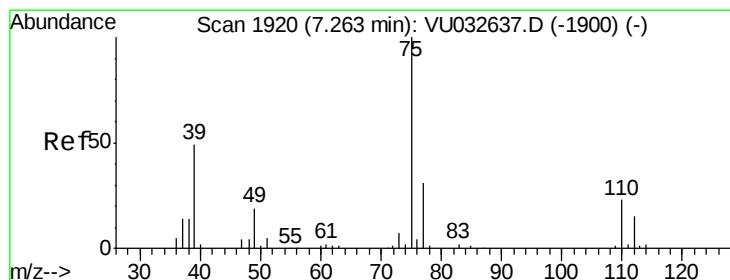
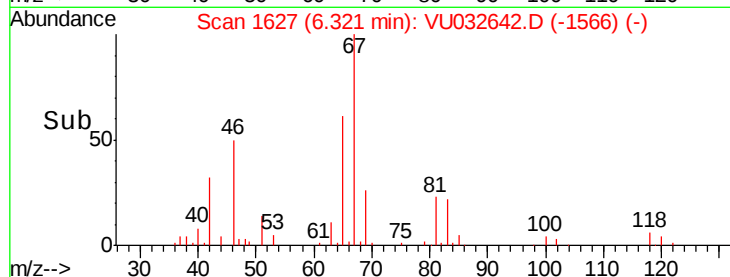
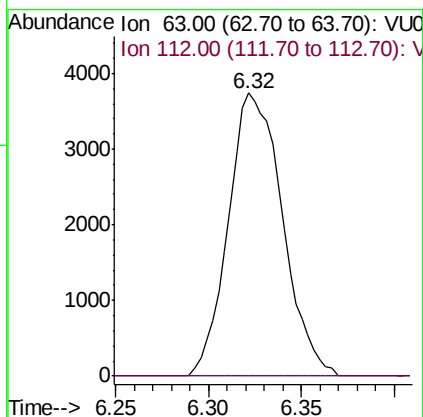
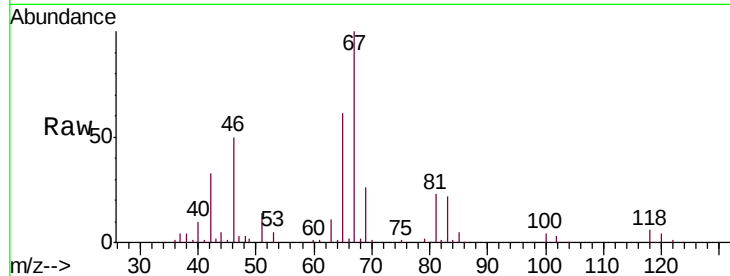




#37
 1,2-Dichloropropane
 Concen: 6.121 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU032642.D
 Acq: 12 Jun 2019 11:30

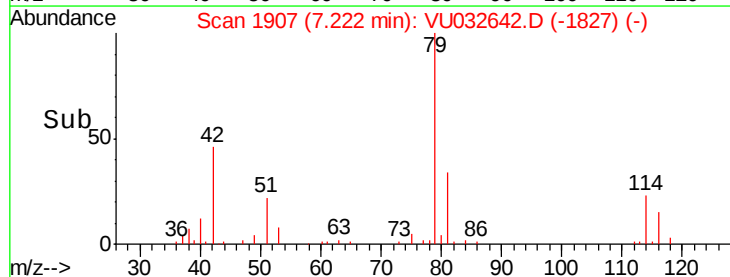
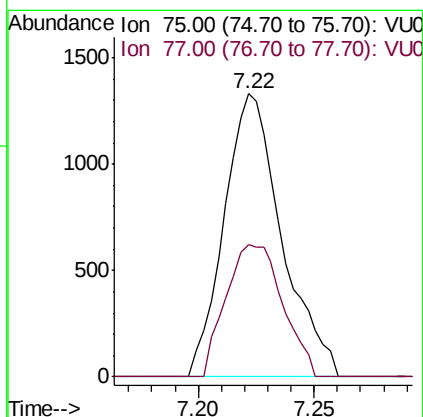
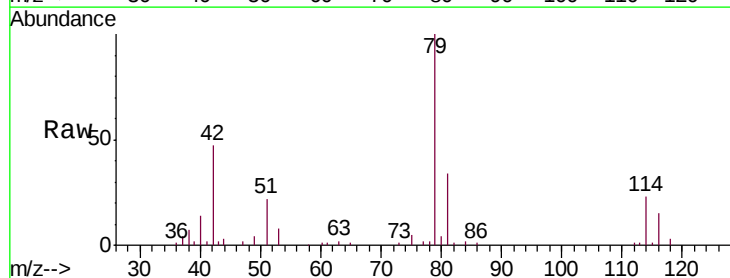
Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB01

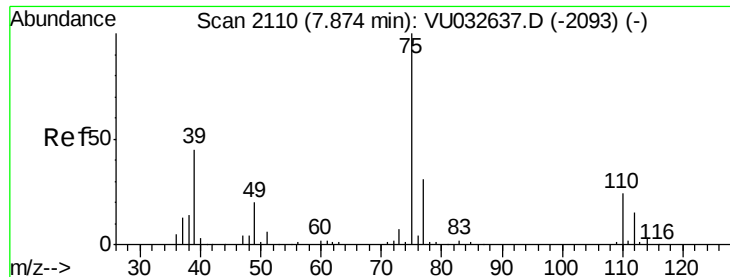
Tgt Ion: 63 Resp: 7570
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.178 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032642.D
 Acq: 12 Jun 2019 11:30

Tgt Ion: 75 Resp: 2298
 Ion Ratio Lower Upper
 75 100
 77 46.7 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.915 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032642.D

Acq: 12 Jun 2019 11:30

Instrument :

MSVOA_U

ClientSampleId :

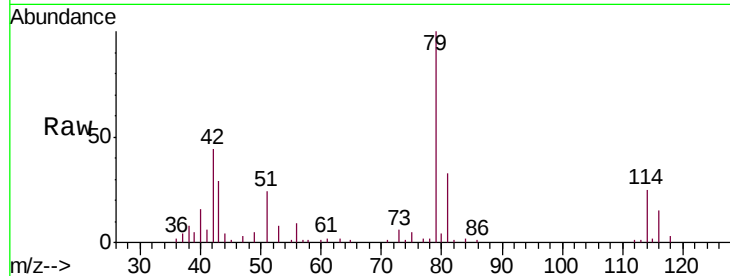
VLEB01

Tgt Ion: 75 Resp: 1584

Ion Ratio Lower Upper

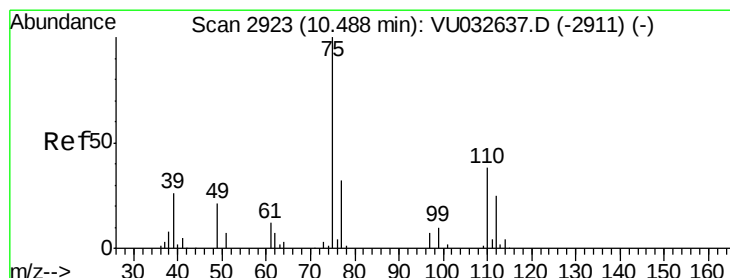
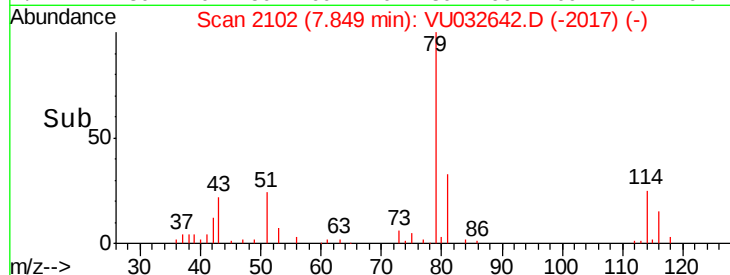
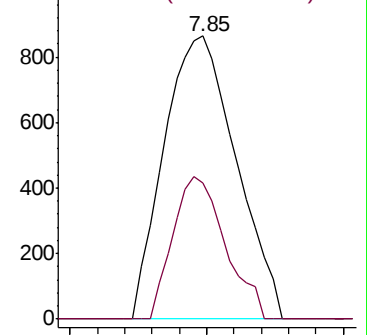
75 100

77 48.1 22.1 41.1#



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

Ion 77.00 (76.70 to 77.70): VU032637.D (-2093) (-)



#59

1,2,3-Trichloropropane

Concen: 6.195 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032642.D

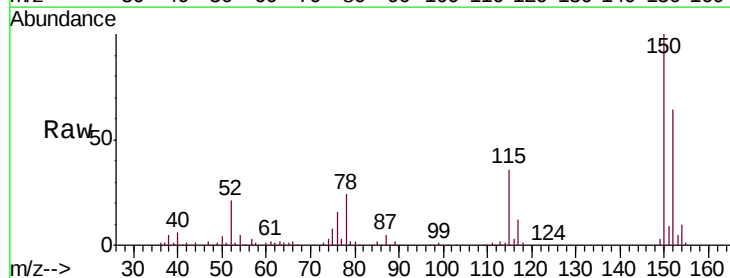
Acq: 12 Jun 2019 11:30

Tgt Ion: 75 Resp: 9959

Ion Ratio Lower Upper

75 100

77 36.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU032637.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU032637.D (-2911) (-)

