

Data File : VU032565.D
Acq On : 10 Jun 2019 14:51
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Jun 11 04:45:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 04:40:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	201442	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	190395	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96144	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59803	45.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.52%
7) Chloroethane-d5	1.68	69	49852	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.94%
11) 1,1-Dichloroethene-d2	2.27	63	90431	35.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.68%
21) 2-Butanone-d5	4.17	46	110648	101.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.17%
24) Chloroform-d	4.64	84	117333	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.28%
26) 1,2-Dichloroethane-d4	5.30	65	77761	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
32) Benzene-d6	5.33	84	241184	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
36) 1,2-Dichloropropane-d6	6.32	67	77541	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.06%
41) Toluene-d8	7.56	98	225657	48.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.30%
43) trans-1,3-Dichloropropene-	7.85	79	37081	49.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.98%
47) 2-Hexanone-d5	8.31	63	70946	94.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110415	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	11.85	152	93867	50.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.94%

Target Compounds

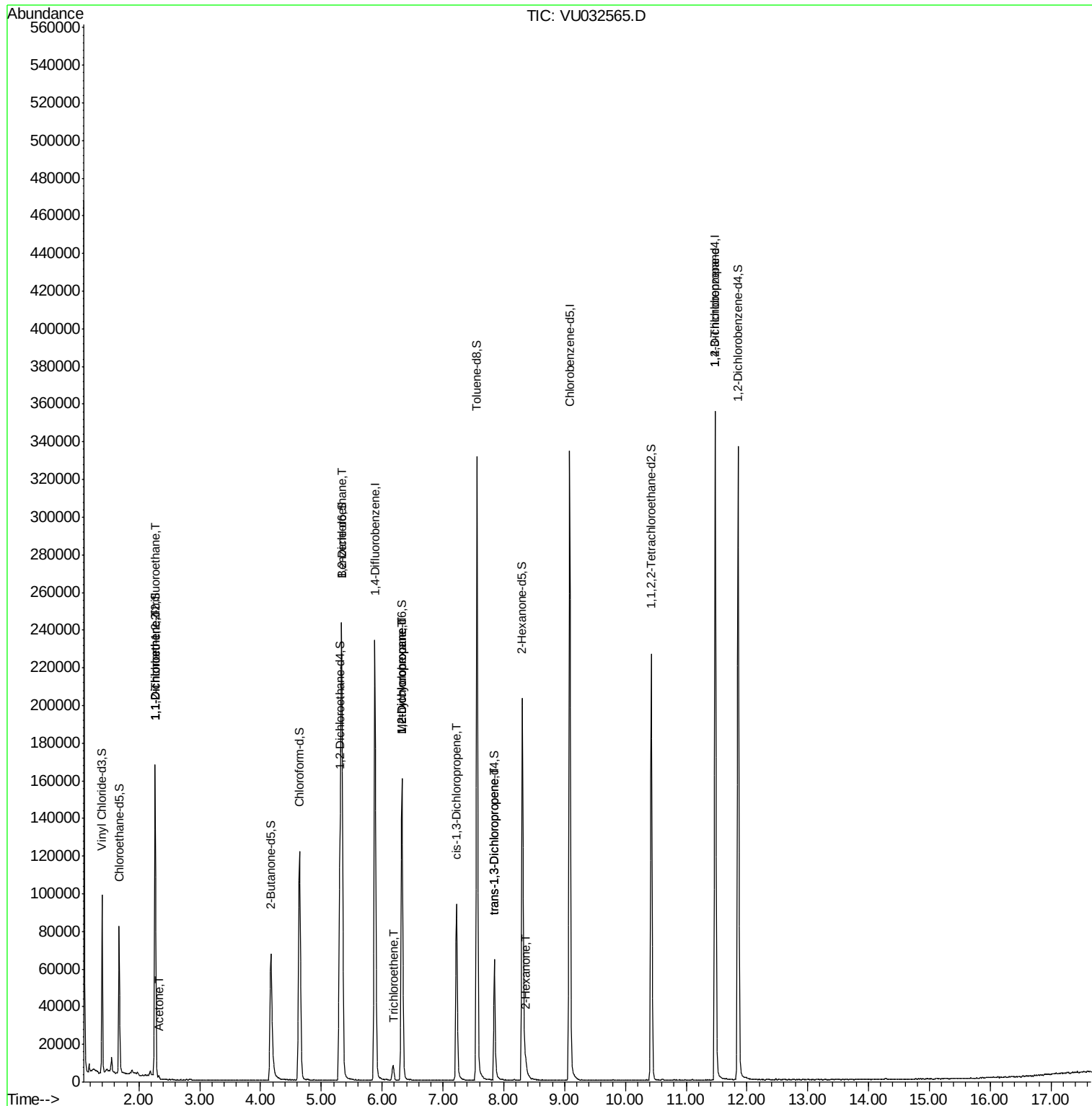
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	828	0.673 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	694	0.581 ug/L #	1
13) Acetone	2.32	43	625	0.554 ug/L	62
27) 1,2-Dichloroethane	5.33	62	1382	0.717 ug/L #	75
34) Trichloroethene	6.19	95	1365	0.938 ug/L	94
35) Methylcyclohexane	6.32	83	17757	7.537 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	8555	6.033 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2366	1.057 ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	1516	0.763 ug/L #	78
48) 2-Hexanone	8.36	43	4224	2.254 ug/L #	49
59) 1,2,3-Trichloropropane	11.48	75	11160	6.054 ug/L	89

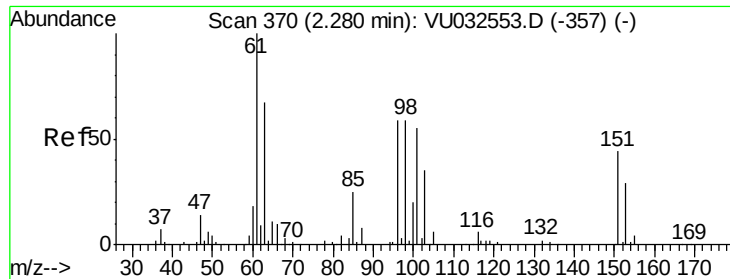
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032565.D
Acq On : 10 Jun 2019 14:51
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Jun 11 04:45:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 04:40:52 2019
Response via : Initial Calibration





#10

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

Concen: 0.673 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032565.D

Acq: 10 Jun 2019 14:51

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

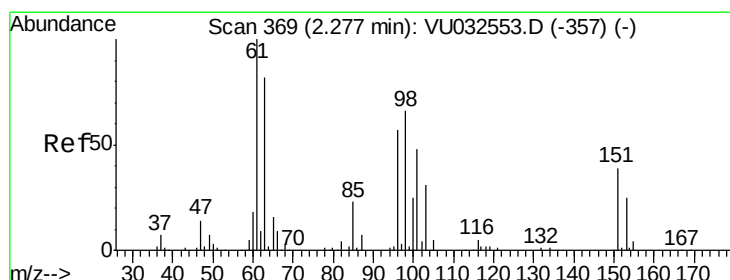
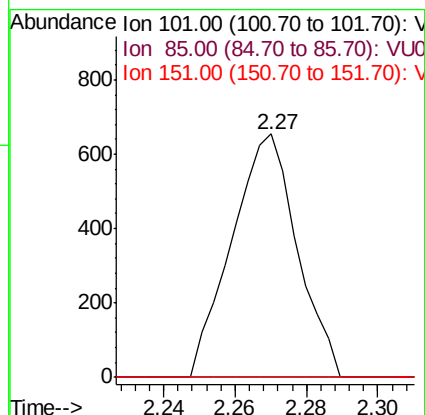
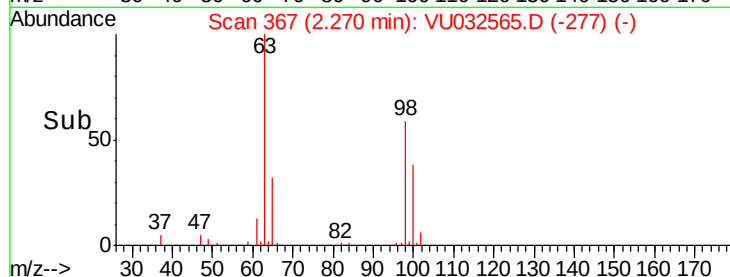
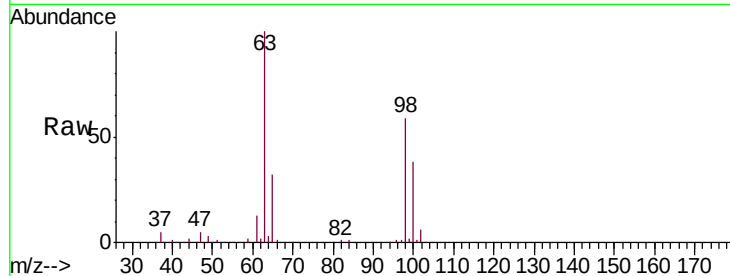
Tgt Ion: 101 Resp: 828

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 63.0 94.4#



#12

1,1-Dichloroethene

Concen: 0.581 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032565.D

Acq: 10 Jun 2019 14:51

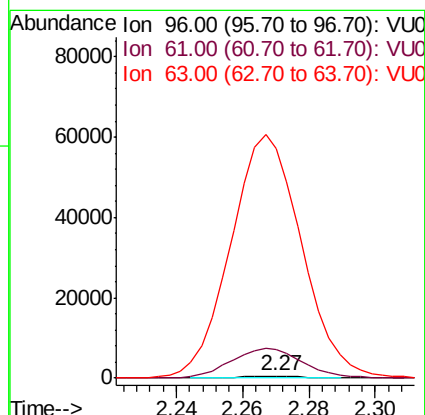
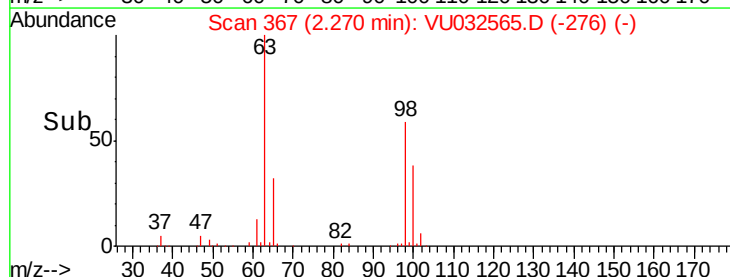
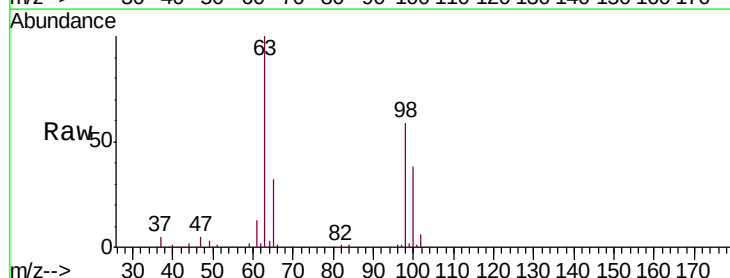
Tgt Ion: 96 Resp: 694

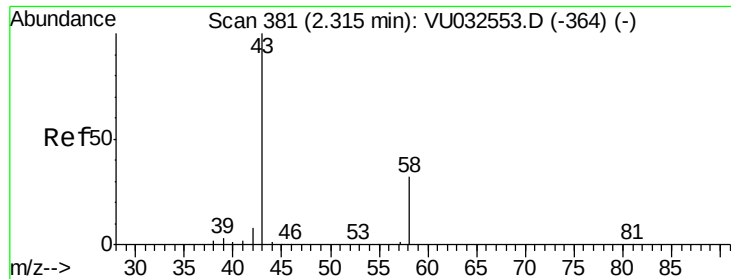
Ion Ratio Lower Upper

96 100

61 1472.3 129.5 240.5#

63 11763.4 103.4 192.0#





#13

Acetone

Concen: 0.554 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU032565.D

Acq: 10 Jun 2019 14:51

Instrument :

MSVOA_U

ClientSampleId :

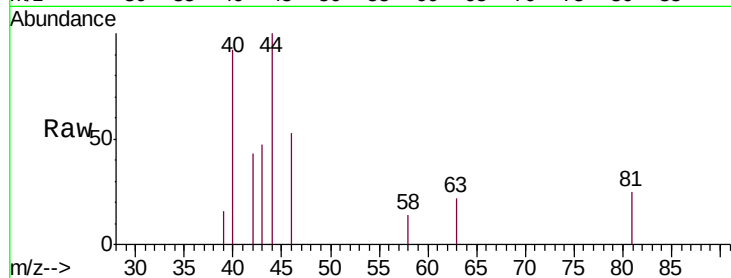
VIBLK40

Tgt Ion: 43 Resp: 625

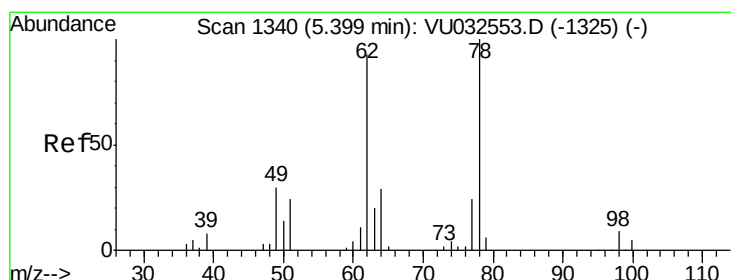
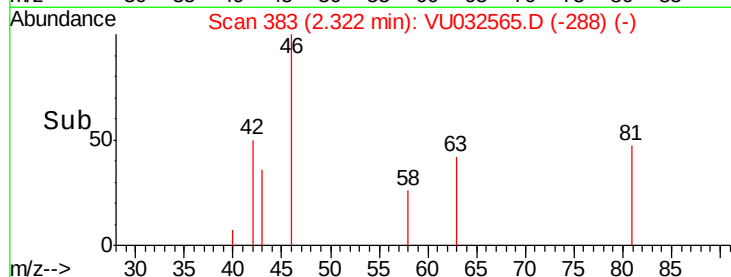
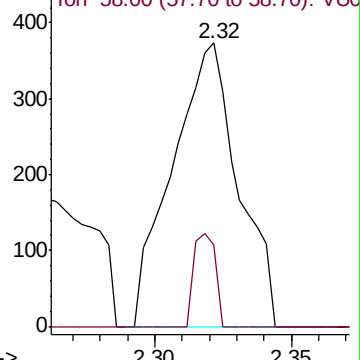
Ion Ratio Lower Upper

43 100

58 10.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032553.D (-364) (-)



#27

1,2-Dichloroethane

Concen: 0.717 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032565.D

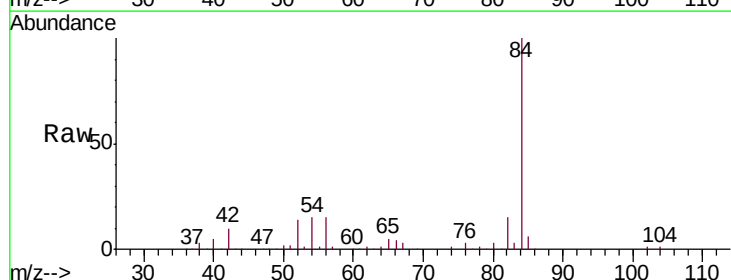
Acq: 10 Jun 2019 14:51

Tgt Ion: 62 Resp: 1382

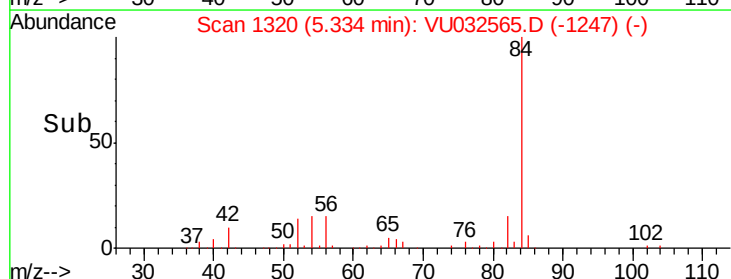
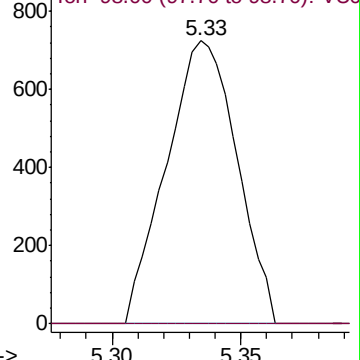
Ion Ratio Lower Upper

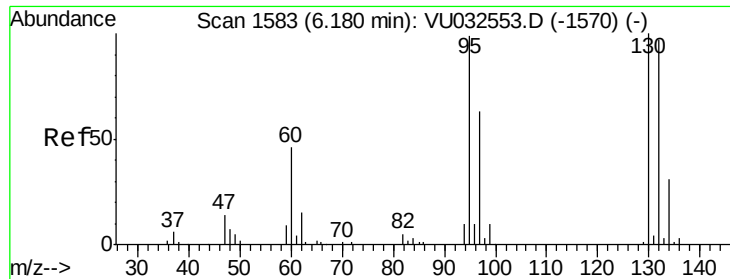
62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032553.D (-1325) (-)





#34

Trichloroethene

Concen: 0.938 ug/L

RT: 6.19 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VU032565.D

Acq: 10 Jun 2019 14:51

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 95 Resp: 1365

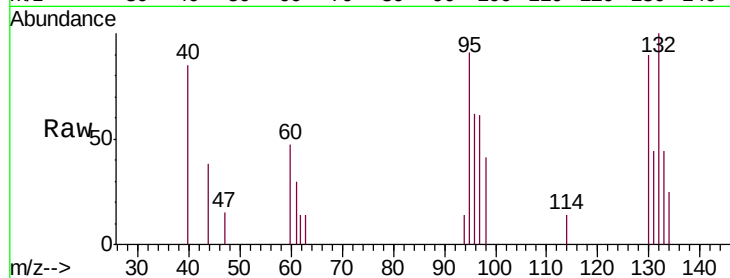
Ion Ratio Lower Upper

95 100

97 67.5 45.8 85.2

132 110.4 71.0 131.8

130 99.7 73.4 136.2



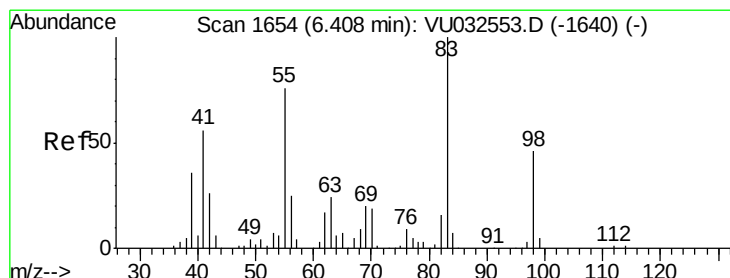
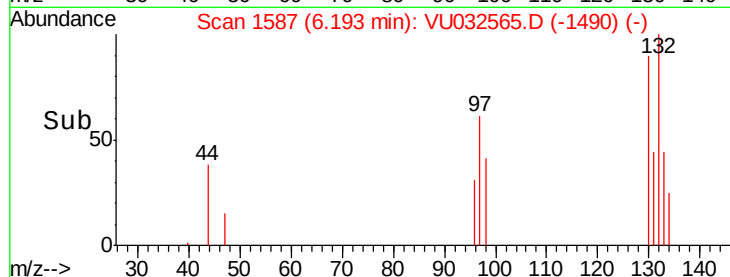
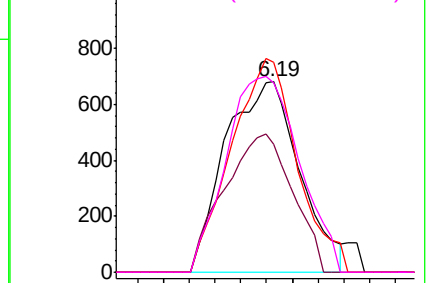
Abundance

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: 7.537 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032565.D

Acq: 10 Jun 2019 14:51

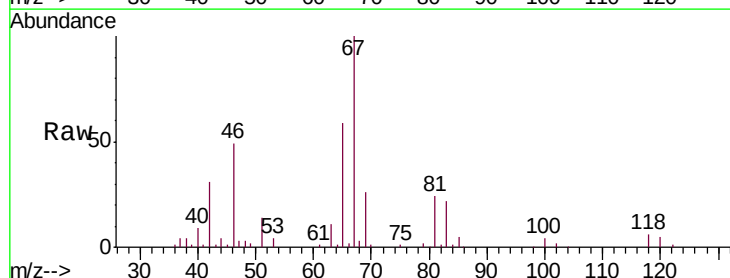
Tgt Ion: 83 Resp: 17757

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

98 0.7 37.4 56.2#

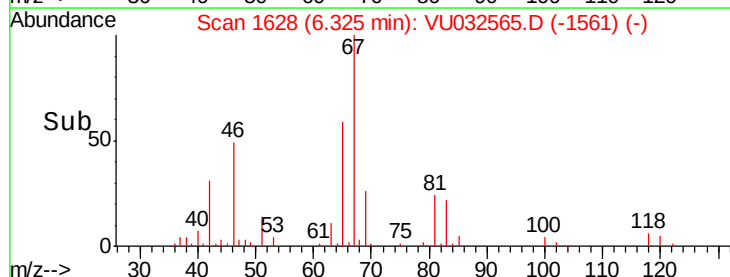
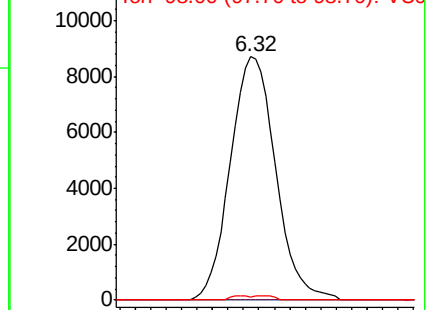


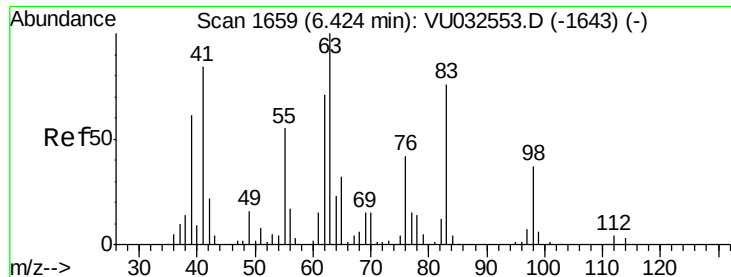
Abundance

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

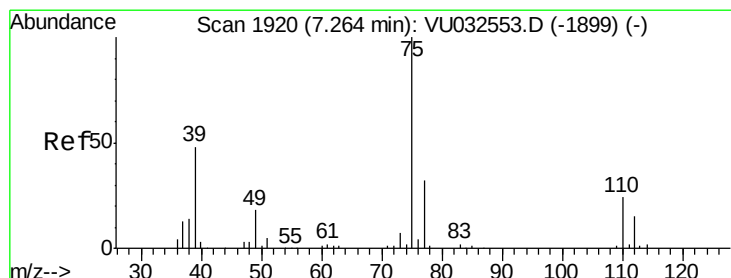
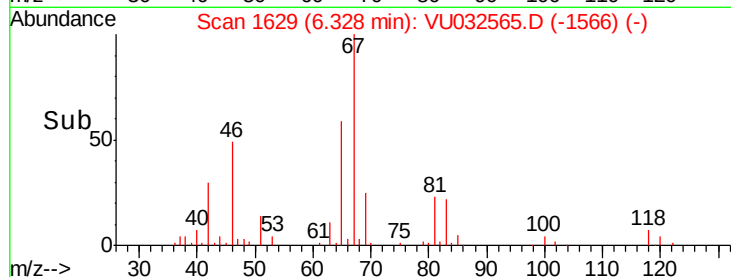
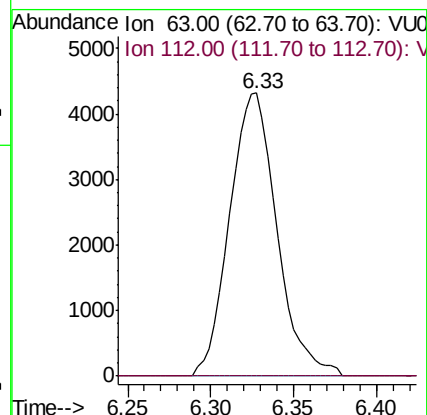
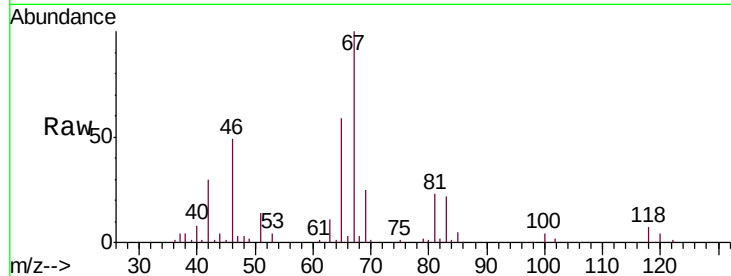




#37
 1,2-Dichloropropane
 Concen: 6.033 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032565.D
 Acq: 10 Jun 2019 14:51

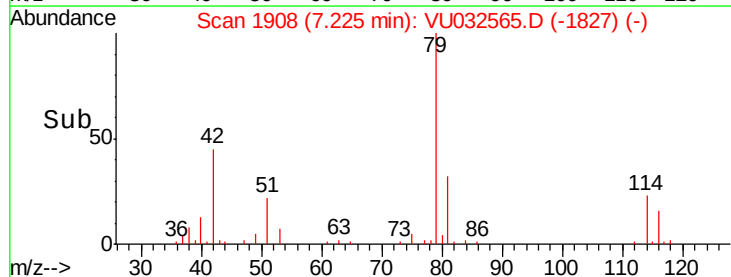
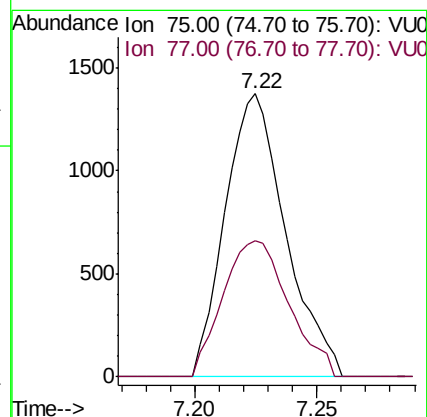
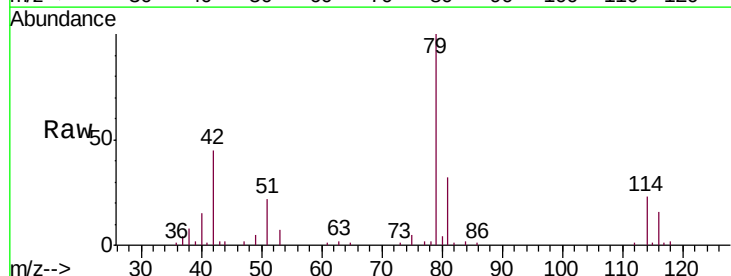
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

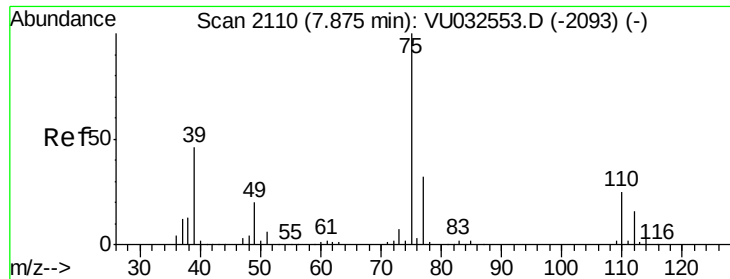
Tgt Ion: 63 Resp: 8555
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.057 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032565.D
 Acq: 10 Jun 2019 14:51

Tgt Ion: 75 Resp: 2366
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.0 41.0#

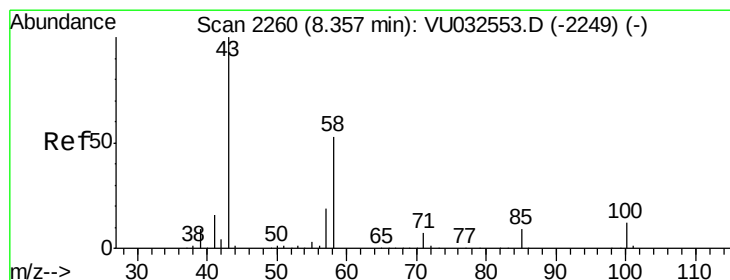
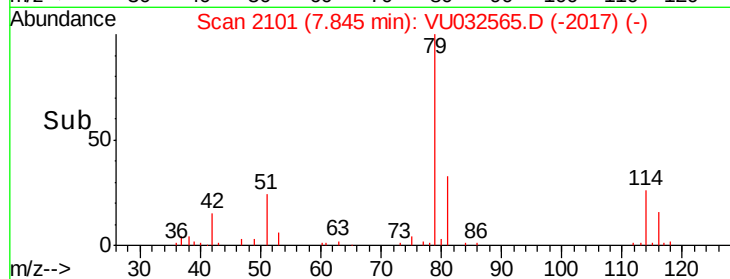
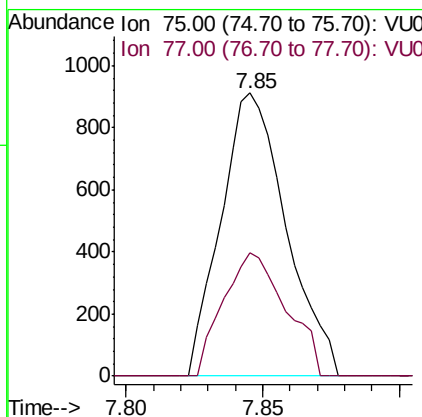
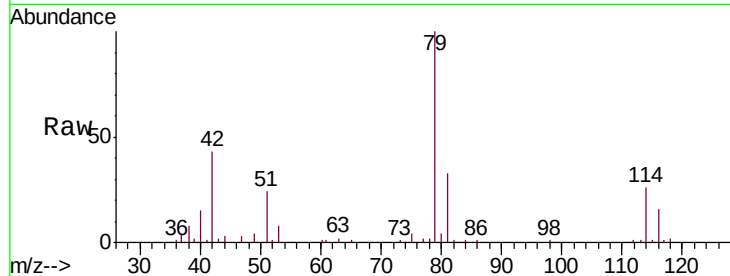




#44
 trans-1,3-Dichloropropene
 Concen: 0.763 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032565.D
 Acq: 10 Jun 2019 14:51

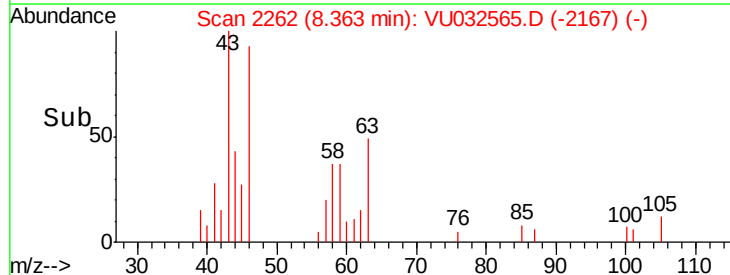
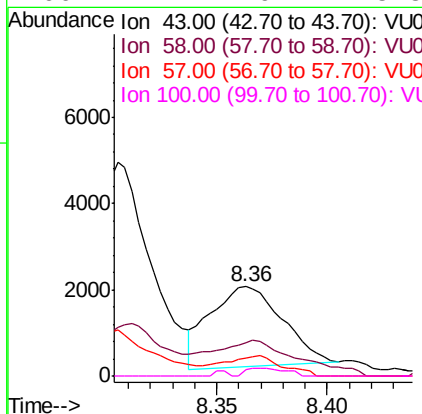
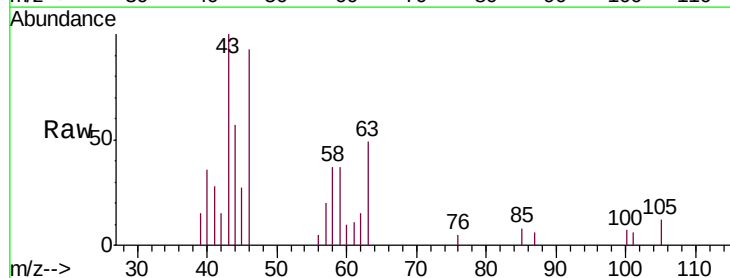
Instrument :
 MSVOA_U
 ClientSampled :
 VIBLK40

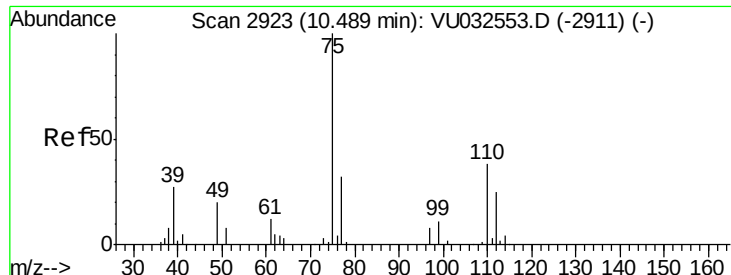
Tgt Ion: 75 Resp: 1516
 Ion Ratio Lower Upper
 75 100
 77 43.5 22.1 41.1#



#48
 2-Hexanone
 Concen: 2.254 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU032565.D
 Acq: 10 Jun 2019 14:51

Tgt Ion: 43 Resp: 4224
 Ion Ratio Lower Upper
 43 100
 58 0.0 42.0 63.0#
 57 20.7 14.6 22.0
 100 4.7 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 6.054 ug/L
 RT: 11.48 min Scan# 3230
 Delta R.T. 0.99 min
 Lab File: VU032565.D
 Acq: 10 Jun 2019 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Tgt Ion: 75 Resp: 11160
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.6 38.4

