

Data File : VU032604.D
Acq On : 11 Jun 2019 12:59
Operator : JC/SP
Sample : K3278-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jun 12 05:35:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	176408	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	166338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85417	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56632	49.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.96%
7) Chloroethane-d5	1.68	69	46093	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.24%
11) 1,1-Dichloroethene-d2	2.27	63	84797	37.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.68%
21) 2-Butanone-d5	4.17	46	96438	100.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.69%
24) Chloroform-d	4.64	84	107100	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
26) 1,2-Dichloroethane-d4	5.31	65	71844	53.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.86%
32) Benzene-d6	5.33	84	218371	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
36) 1,2-Dichloropropane-d6	6.32	67	69124	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.10%
41) Toluene-d8	7.56	98	203399	49.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.36%
43) trans-1,3-Dichloropropene-	7.85	79	31116	48.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.04%
47) 2-Hexanone-d5	8.31	63	56119	85.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98817	50.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.74%
64) 1,2-Dichlorobenzene-d4	11.85	152	83872	51.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.52%

Target Compounds

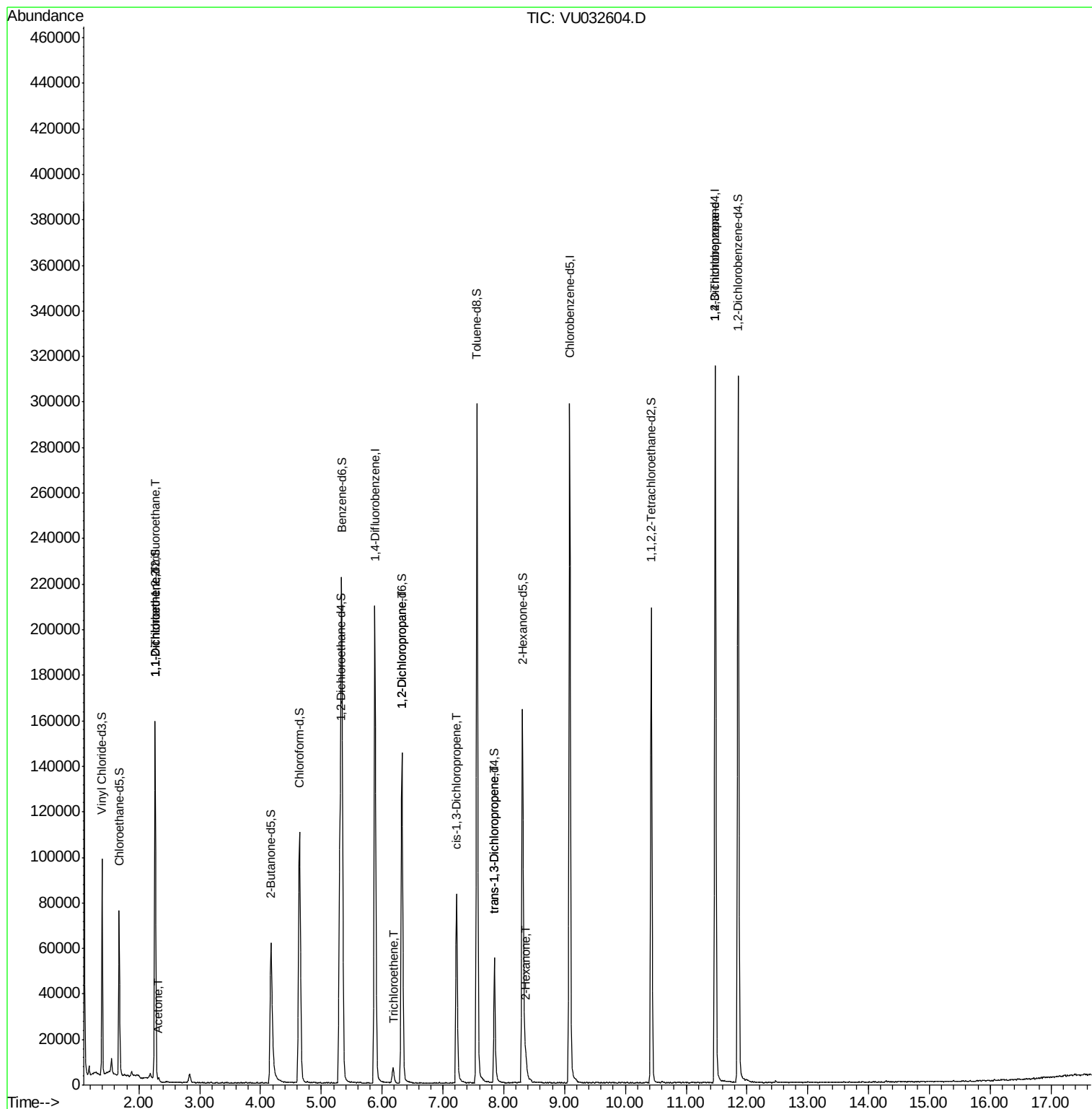
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	768	0.712 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	690	0.659 ug/L #	1
13) Acetone	2.32	43	712	0.720 ug/L	54
34) Trichloroethene	6.19	95	1094	0.860 ug/L	88
37) 1,2-Dichloropropane	6.32	63	7835	6.324 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2208	1.130 ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	1545	0.891 ug/L	83
48) 2-Hexanone	8.36	43	4257	2.600 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	10369	6.438 ug/L	93

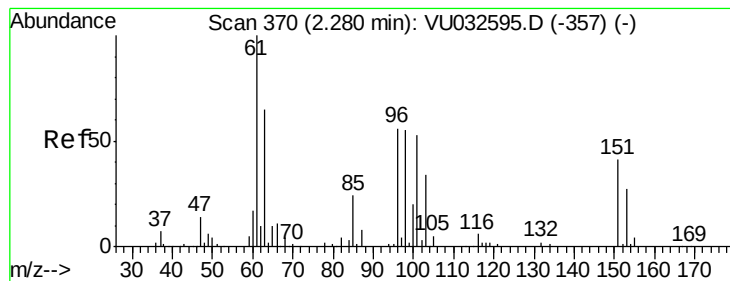
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.712 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

VHBLK01

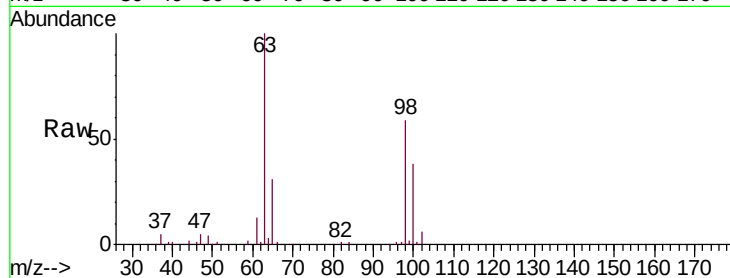
Tgt Ion: 101 Resp: 768

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

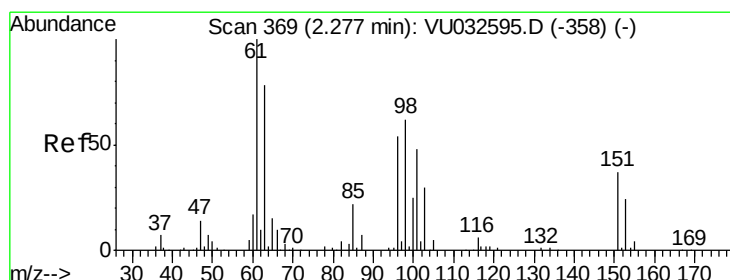
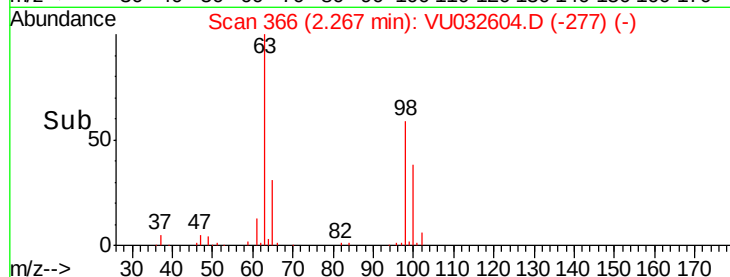
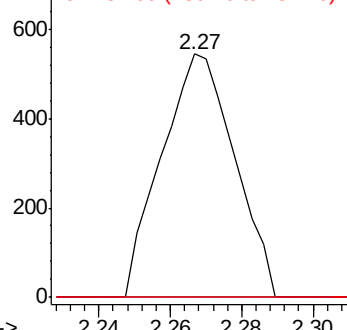
151 0.0 63.0 94.4#



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: 0.659 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032604.D

Acq: 11 Jun 2019 12:59

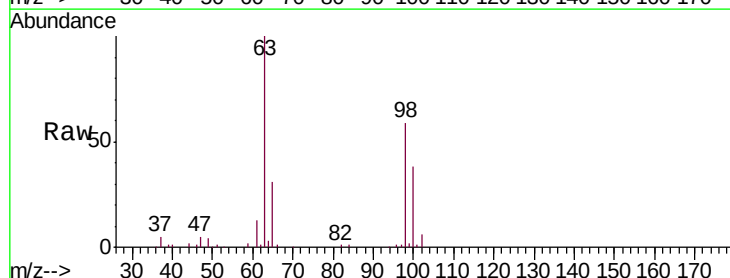
Tgt Ion: 96 Resp: 690

Ion Ratio Lower Upper

96 100

61 1499.8 129.5 240.5#

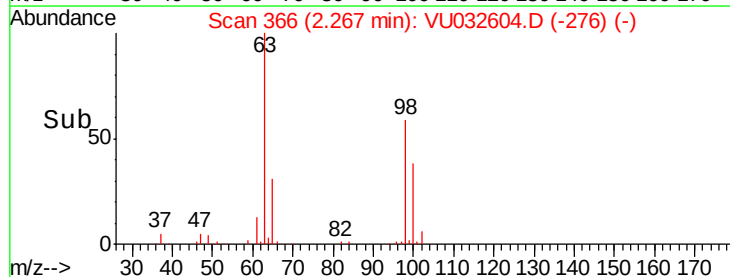
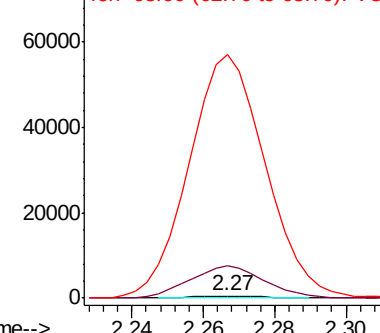
63 11404.8 103.4 192.0#

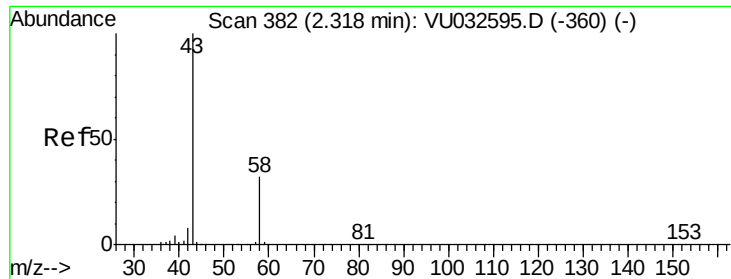


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.720 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

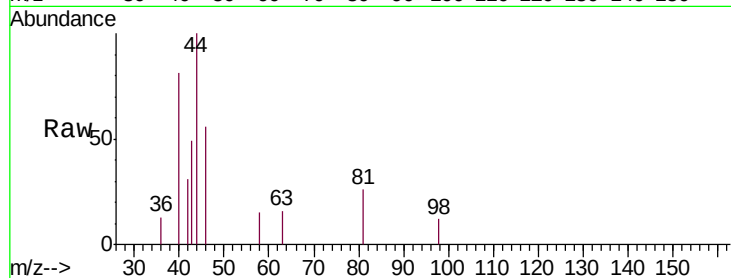
VHBLK01

Tgt Ion: 43 Resp: 712

Ion Ratio Lower Upper

43 100

58 6.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032595.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU032595.D (-360) (-)

2.32

400

300

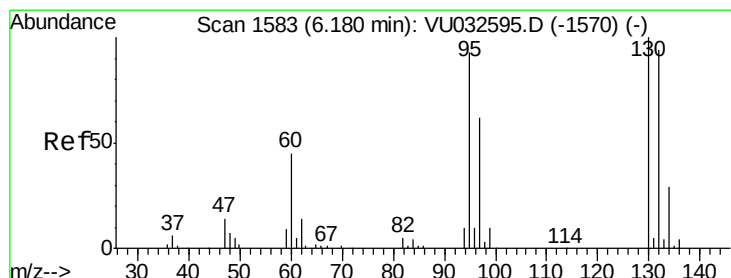
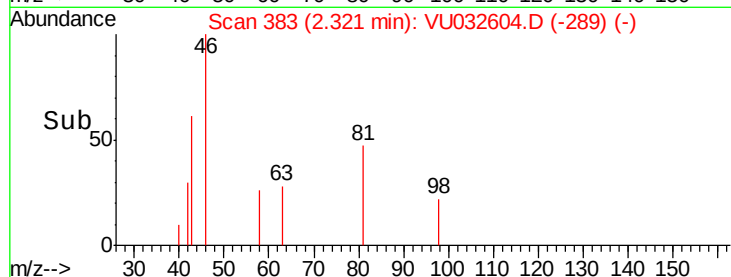
200

100

0

2.28 2.30 2.32 2.34 2.36

Time-->



#34

Trichloroethene

Concen: 0.860 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU032604.D

Acq: 11 Jun 2019 12:59

Tgt Ion: 95 Resp: 1094

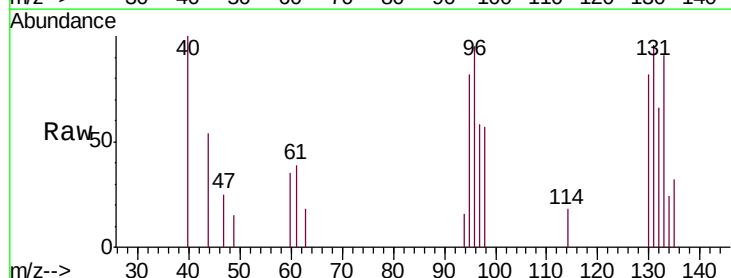
Ion Ratio Lower Upper

95 100

97 70.8 45.8 85.2

132 80.2 71.0 131.8

130 99.1 73.4 136.2



Abundance Ion 95.00 (94.70 to 95.70): VU032595.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU032595.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU032595.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU032595.D (-1570) (-)

800

600

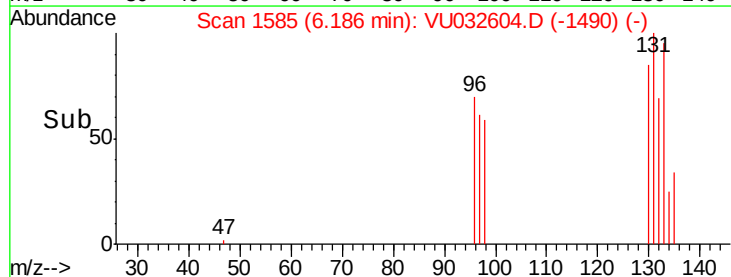
400

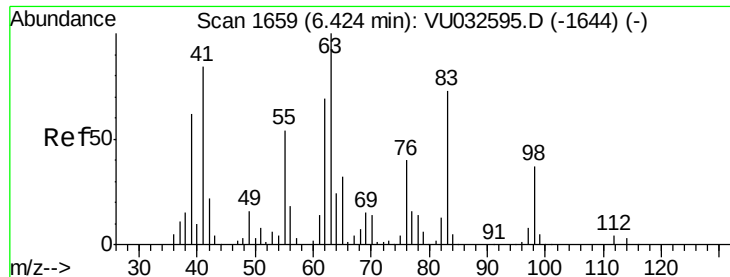
200

0

6.15 6.19 6.23

Time-->

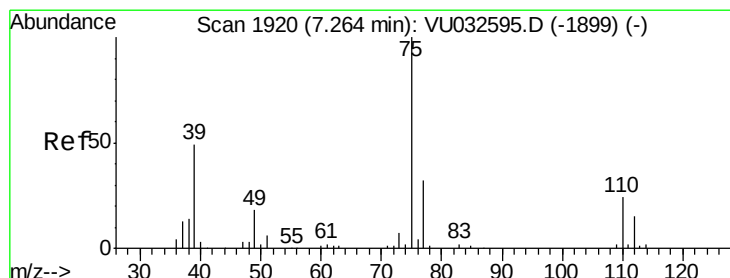
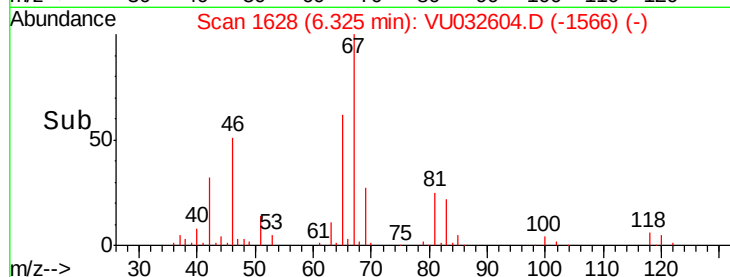
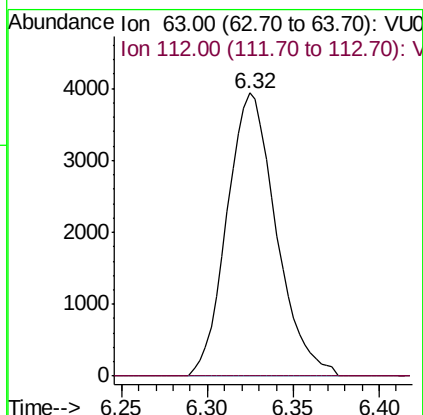
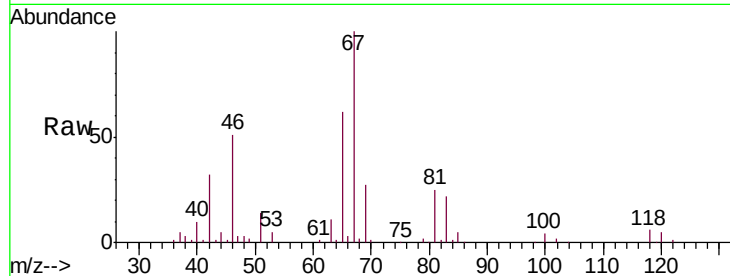




#37
 1,2-Dichloropropane
 Concen: 6.324 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032604.D
 Acq: 11 Jun 2019 12:59

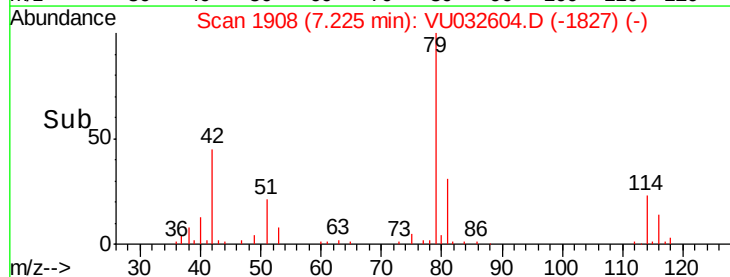
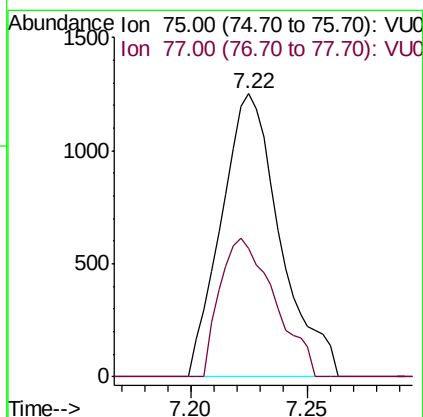
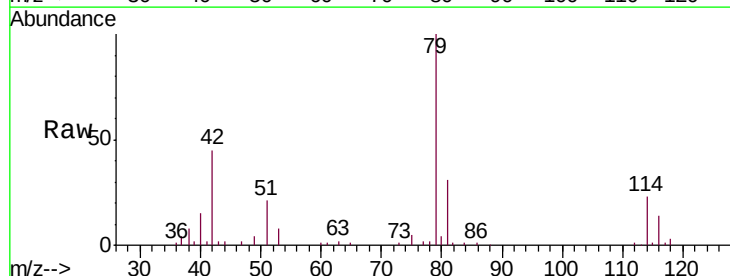
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

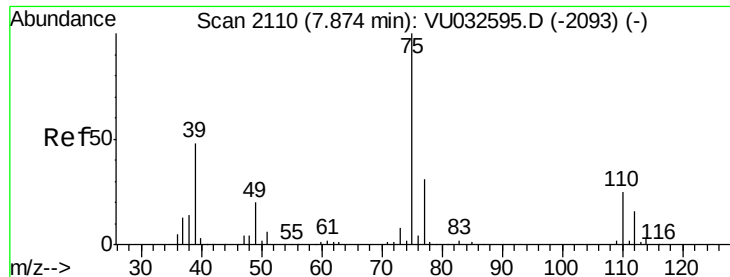
Tgt Ion: 63 Resp: 7835
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.130 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032604.D
 Acq: 11 Jun 2019 12:59

Tgt Ion: 75 Resp: 2208
 Ion Ratio Lower Upper
 75 100
 77 45.6 22.0 41.0#

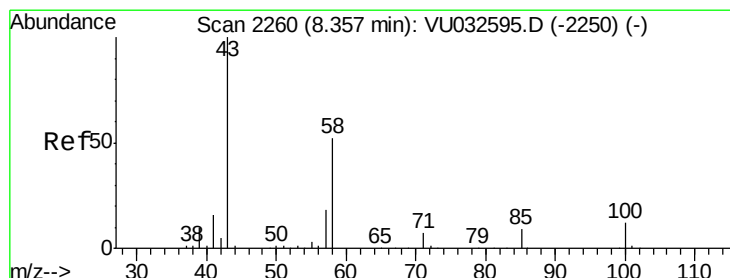
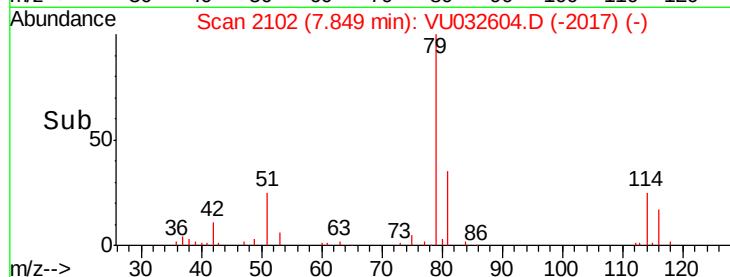
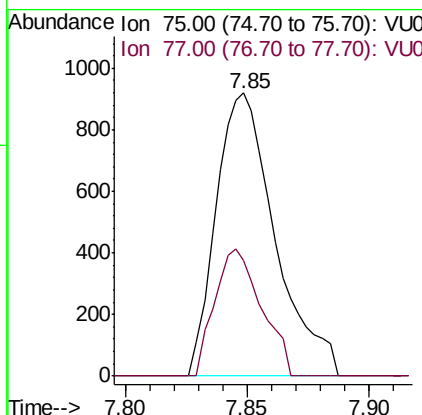
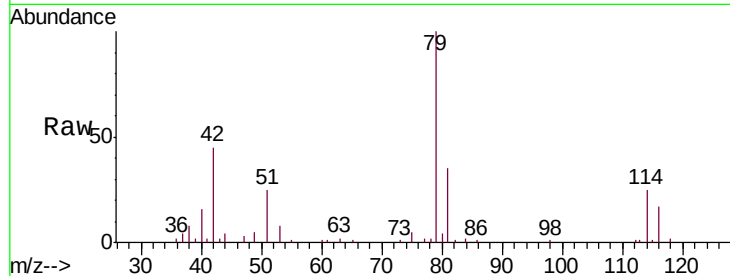




#44
trans-1,3-Dichloropropene
Concen: 0.891 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032604.D
Acq: 11 Jun 2019 12:59

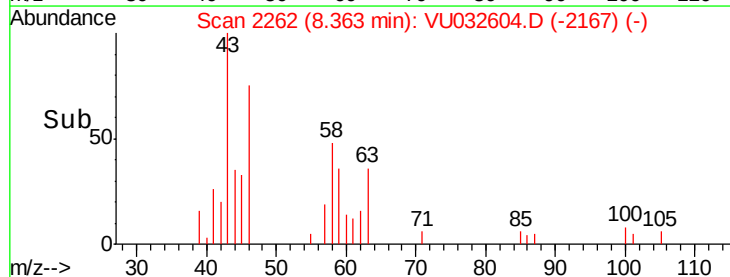
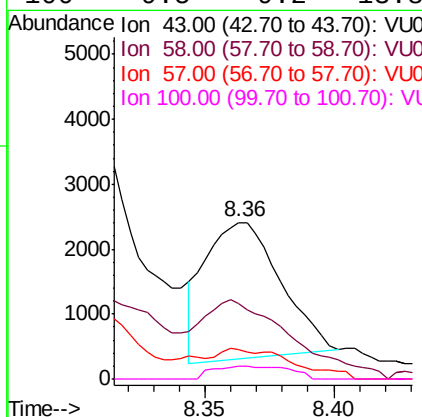
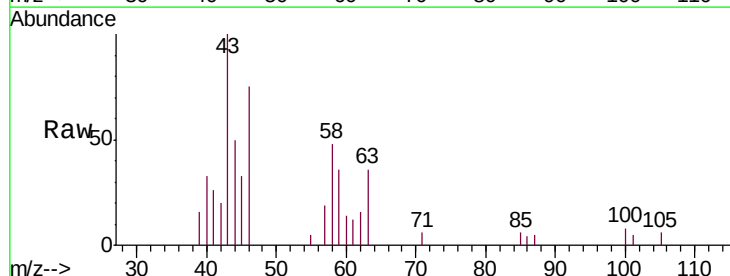
Instrument :
MSVOA_U
ClientSampled :
VHBLK01

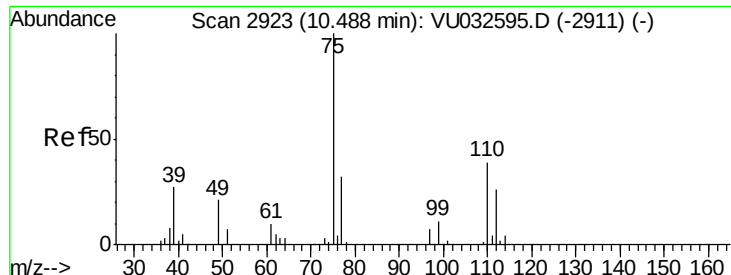
Tgt Ion: 75 Resp: 1545
Ion Ratio Lower Upper
75 100
77 41.0 22.1 41.1



#48
2-Hexanone
Concen: 2.600 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032604.D
Acq: 11 Jun 2019 12:59

Tgt Ion: 43 Resp: 4257
Ion Ratio Lower Upper
43 100
58 68.8 42.0 63.0#
57 3.0 14.6 22.0#
100 9.5 9.2 13.8





#59
 1,2,3-Trichloropropane
 Concen: 6.438 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032604.D
 Acq: 11 Jun 2019 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 10369
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.6 38.4

