

Data File : VU032538.D
Acq On : 07 Jun 2019 13:13
Operator : JC/SP
Sample : K3215-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jun 07 22:23:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 22:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	206862	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	191177	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100626	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54330	40.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.96%
7) Chloroethane-d5	1.68	69	47346	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.27	63	84833	32.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.56%
21) 2-Butanone-d5	4.17	46	105315	93.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.77%
24) Chloroform-d	4.64	84	114277	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
26) 1,2-Dichloroethane-d4	5.30	65	76298	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.78%
32) Benzene-d6	5.33	84	234229	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
36) 1,2-Dichloropropane-d6	6.32	67	74404	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.62%
41) Toluene-d8	7.56	98	215286	45.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.50%
43) trans-1,3-Dichloropropene-	7.85	79	35181	47.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.48%
47) 2-Hexanone-d5	8.31	63	71523	94.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	105931	46.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	94067	48.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.62%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	829	0.656	ug/L #	18
13) Acetone	2.32	43	1839	1.587	ug/L	98
27) 1,2-Dichloroethane	5.34	62	1316	0.665	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	8162	5.732	ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	2164	0.963	ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	1483	0.744	ug/L	93
48) 2-Hexanone	8.37	43	2419	1.286	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	11869	6.412	ug/L #	86

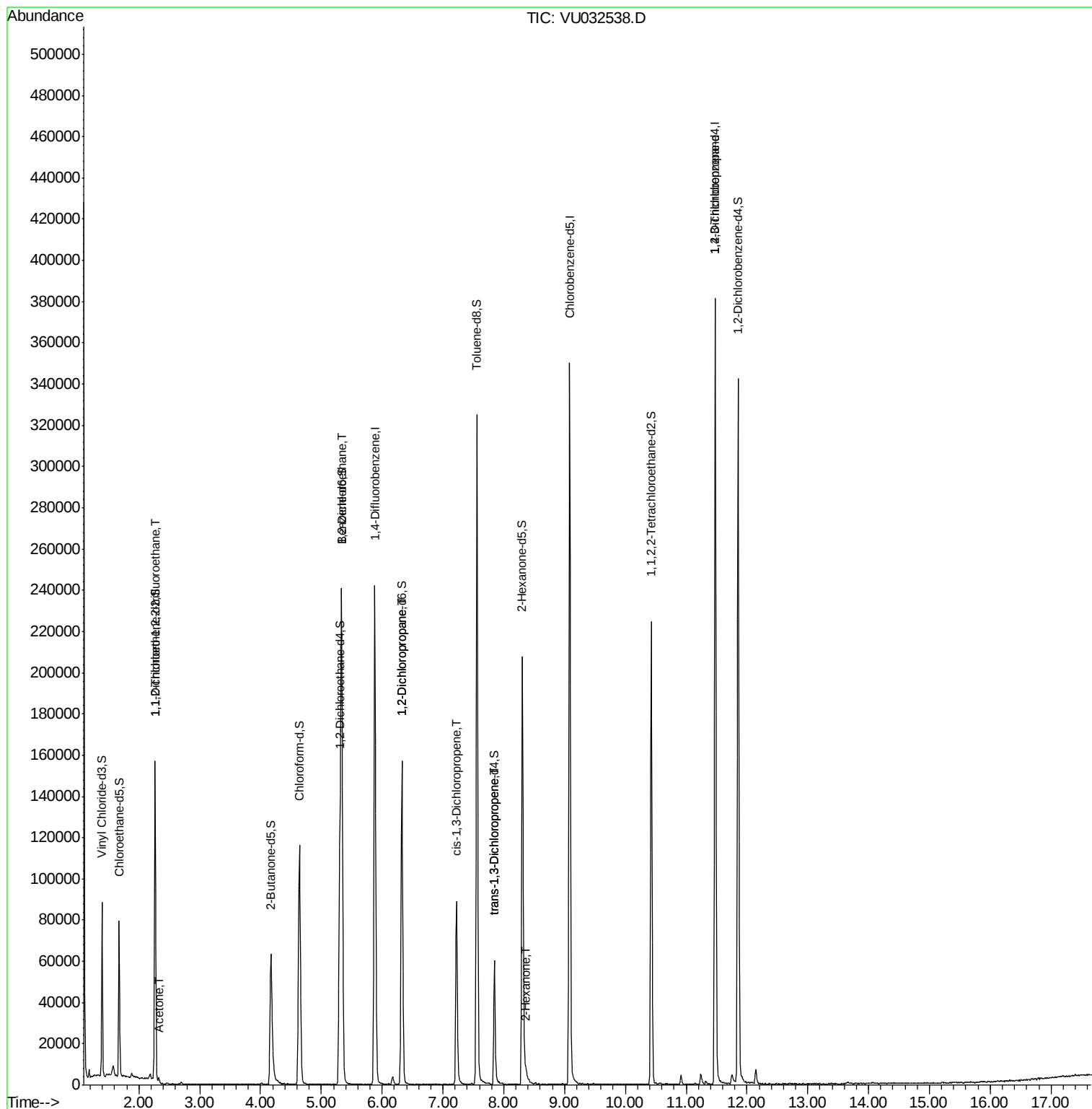
(#) = qualifier out of range (m) = manual integration (+) = signals summed

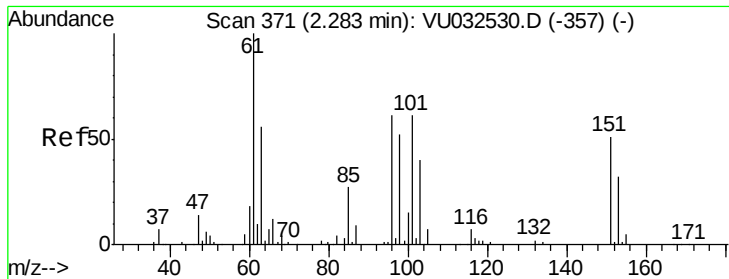
Data File : VU032538.D

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#10

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

Concen: 0.656 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU032538.D

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

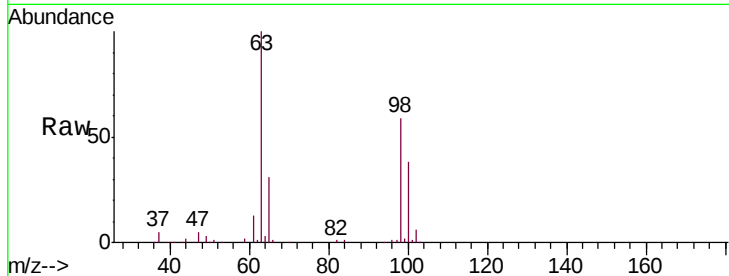
Tgt Ion: 101 Resp: 829

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

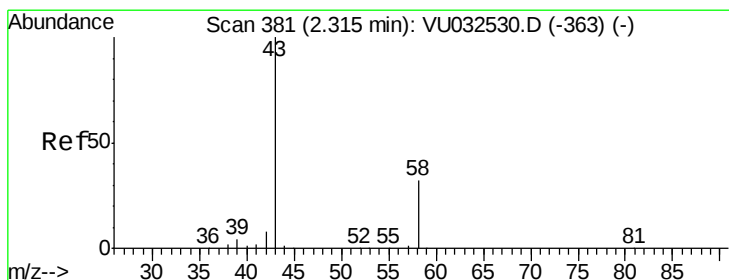
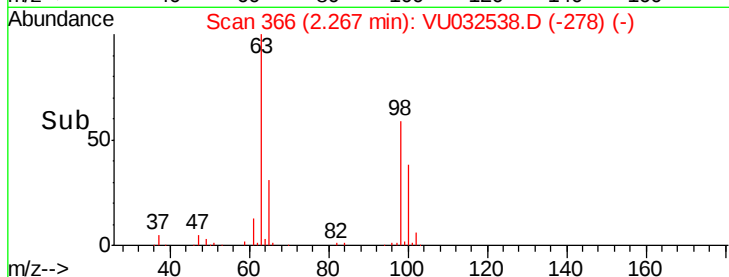
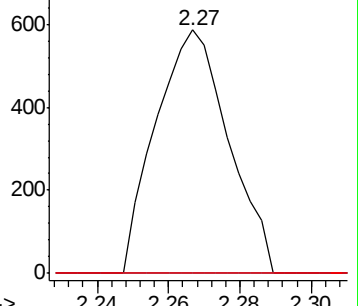
151 0.0 63.0 94.4#



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



#13

Acetone

Concen: 1.587 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU032538.D

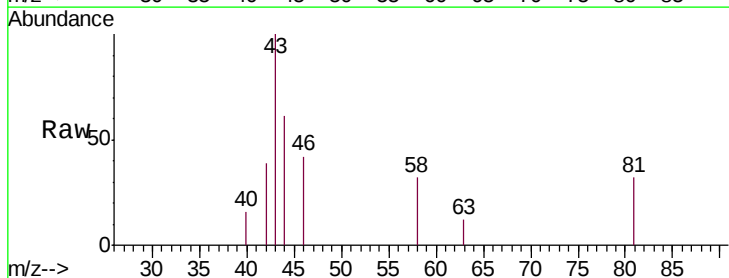
Acq: 07 Jun 2019 13:13

Tgt Ion: 43 Resp: 1839

Ion Ratio Lower Upper

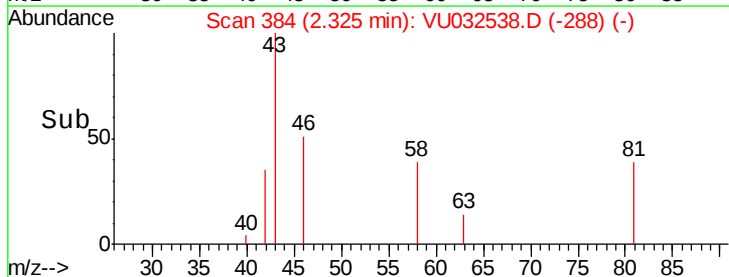
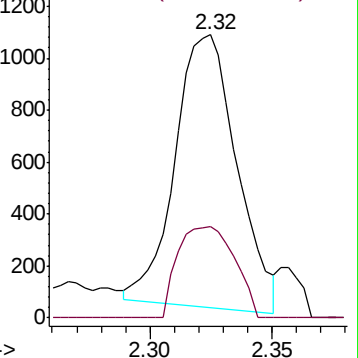
43 100

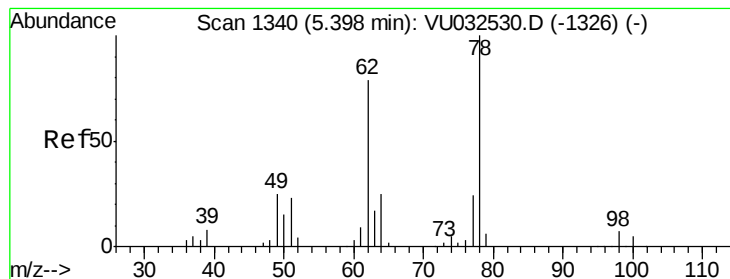
58 30.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#27

1,2-Dichloroethane

Concen: 0.665 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032538.D

Acq: 07 Jun 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

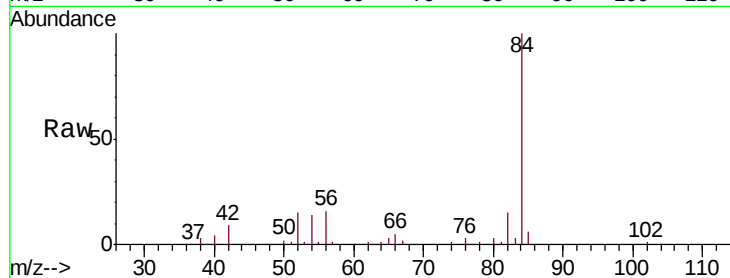
VHBLK01

Tgt Ion: 62 Resp: 1316

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

800

600

400

200

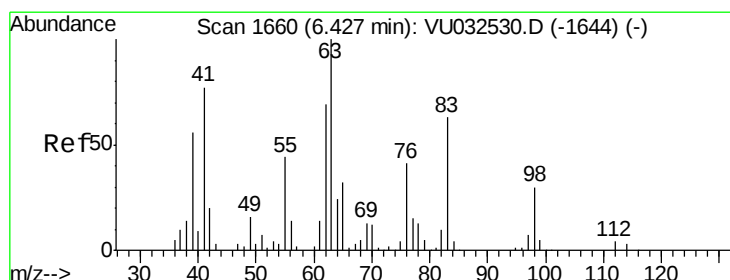
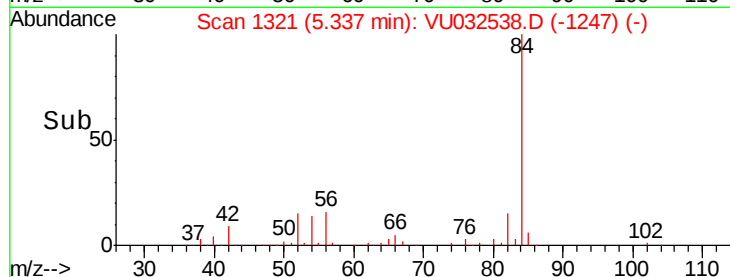
0

5.30

5.34

5.35

Time-->



#37

1,2-Dichloropropane

Concen: 5.732 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032538.D

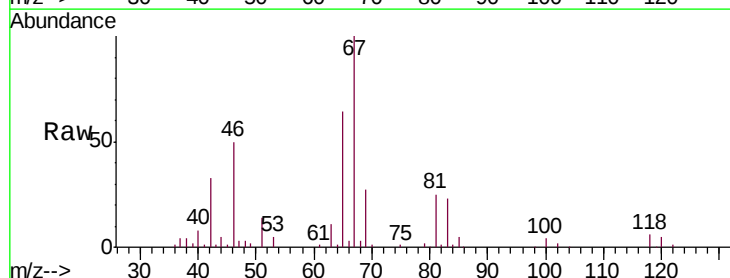
Acq: 07 Jun 2019 13:13

Tgt Ion: 63 Resp: 8162

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

4000

3000

2000

1000

0

6.25

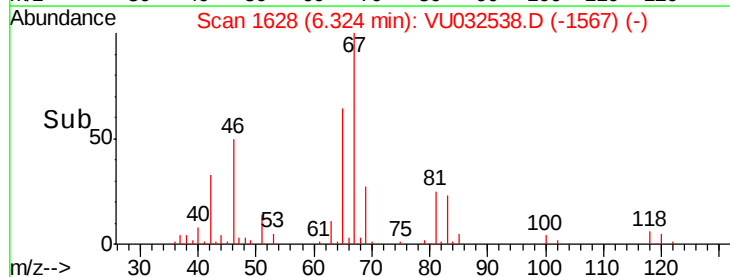
6.30

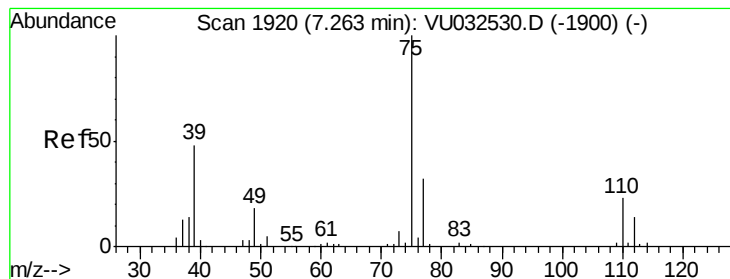
6.32

6.35

6.40

Time-->





#39

cis-1,3-Dichloropropene

Concen: 0.963 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU032538.D

Acq: 07 Jun 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

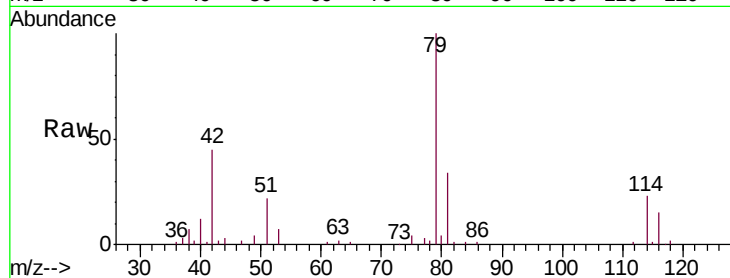
VHBLK01

Tgt Ion: 75 Resp: 2164

Ion Ratio Lower Upper

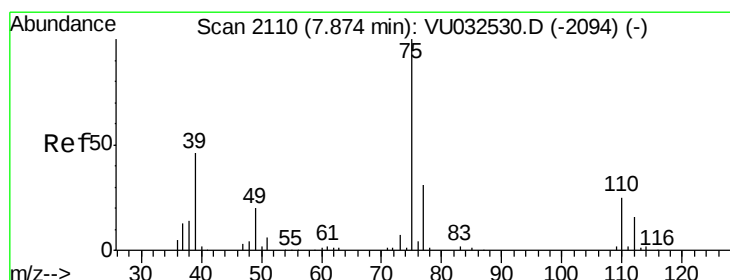
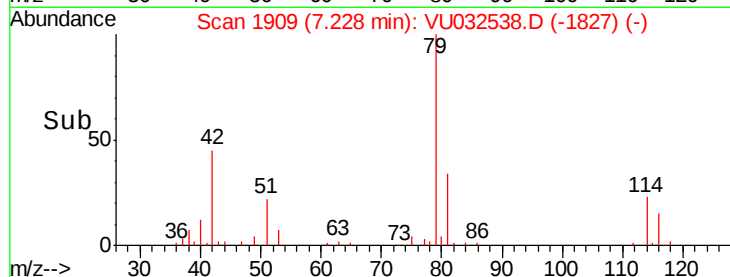
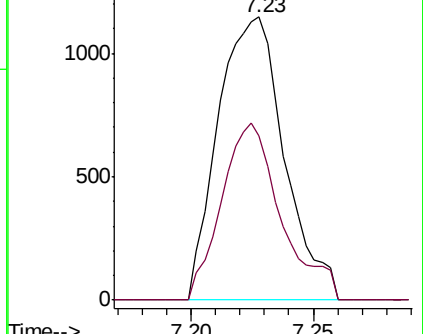
75 100

77 58.2 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.744 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032538.D

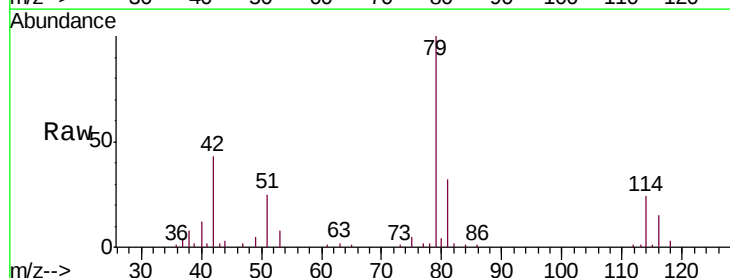
Acq: 07 Jun 2019 13:13

Tgt Ion: 75 Resp: 1483

Ion Ratio Lower Upper

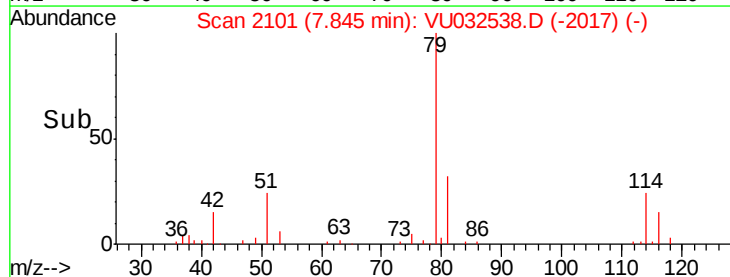
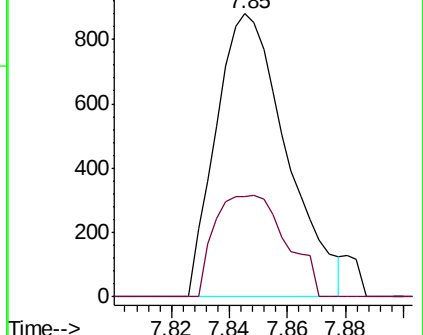
75 100

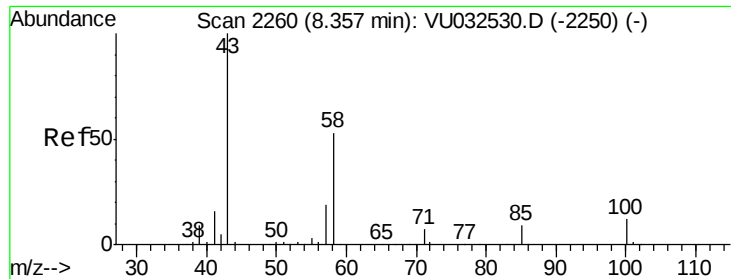
77 35.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

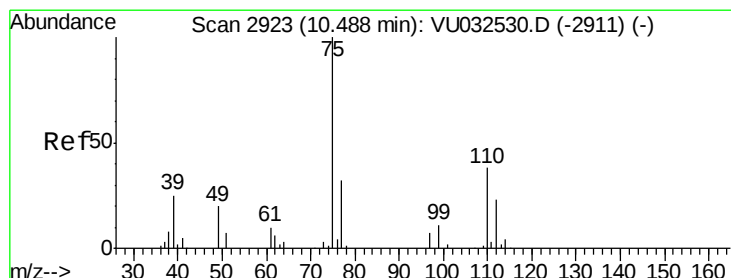
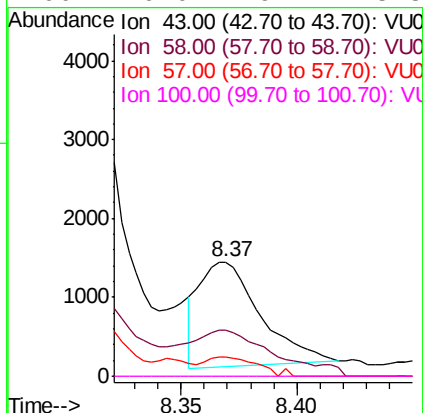
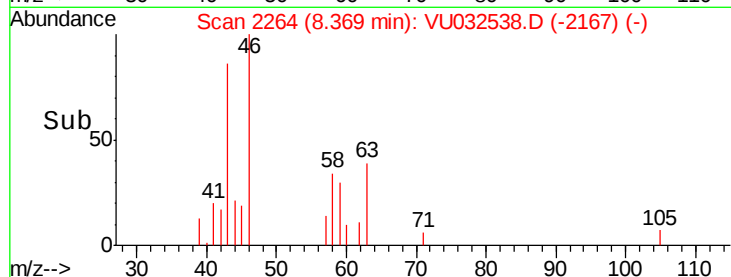
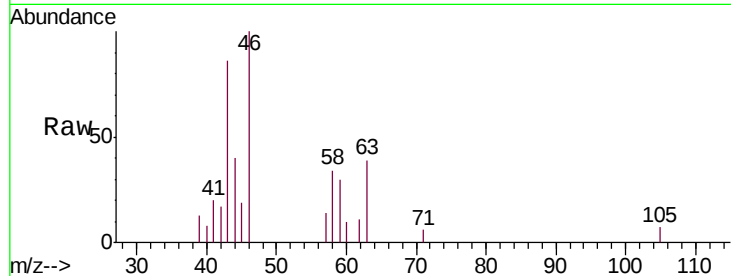




#48
2-Hexanone
Concen: 1.286 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032538.D
Acq: 07 Jun 2019 13:13

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 2419
Ion Ratio Lower Upper
43 100
58 33.4 42.0 63.0#
57 15.1 14.6 22.0
100 0.0 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.412 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032538.D
Acq: 07 Jun 2019 13:13

Tgt Ion: 75 Resp: 11869
Ion Ratio Lower Upper
75 100
77 39.7 25.6 38.4#

