

Data File : VU032465.D
Acq On : 05 Jun 2019 17:03
Operator : JC/SP
Sample : VU0606WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK47

Quant Time: Jun 06 04:08:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 06 04:04:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	197736	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	187434	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93220	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60201	46.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.86%
7) Chloroethane-d5	1.68	69	50655	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.26%
11) 1,1-Dichloroethene-d2	2.27	63	89178	35.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.00%
21) 2-Butanone-d5	4.17	46	111538	103.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.89%
24) Chloroform-d	4.64	84	113030	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	5.30	65	74140	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
32) Benzene-d6	5.33	84	236211	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
36) 1,2-Dichloropropane-d6	6.32	67	74457	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.60%
41) Toluene-d8	7.56	98	219205	47.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.02%
43) trans-1,3-Dichloropropene-	7.85	79	35806	49.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.08%
47) 2-Hexanone-d5	8.31	63	74934	101.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107587	48.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.32%
64) 1,2-Dichlorobenzene-d4	11.85	152	89747	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%

Target Compounds

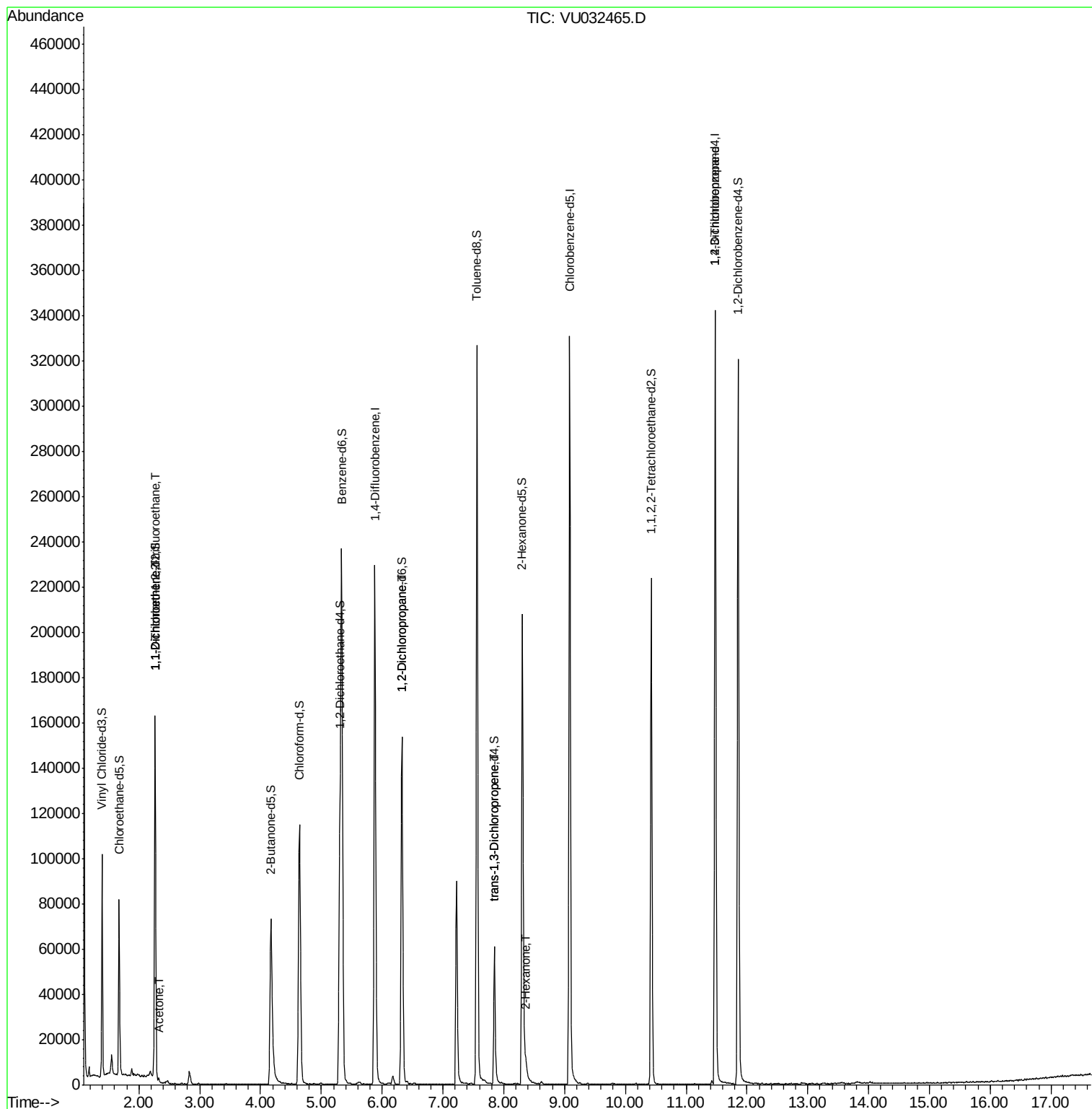
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	902	0.746 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	838	0.714 ug/L #	1
13) Acetone	2.32	43	582	0.525 ug/L	80
37) 1,2-Dichloropropane	6.32	63	8483	6.077 ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	1606	0.821 ug/L #	80
48) 2-Hexanone	8.36	43	3894	2.111 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	10688	5.889 ug/L	91

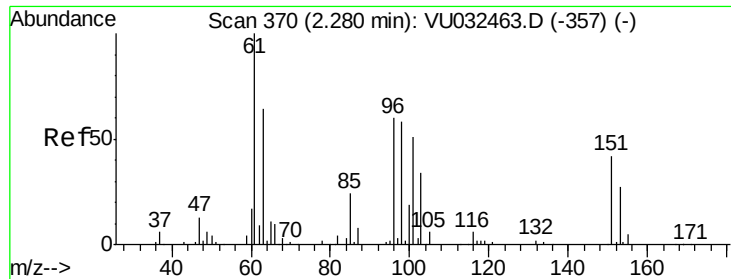
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.746 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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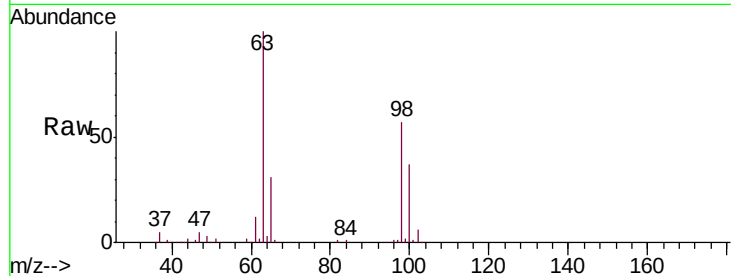
Tgt Ion: 101 Resp: 902

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

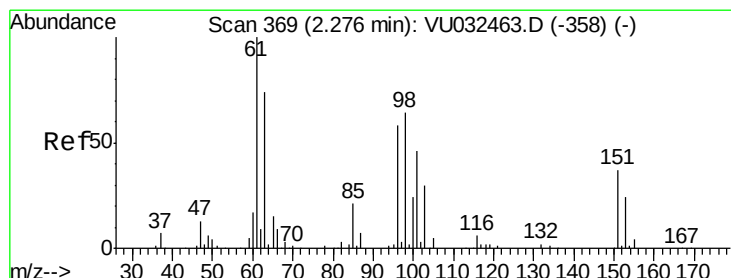
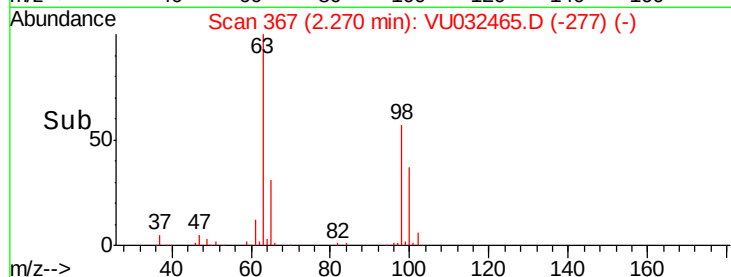
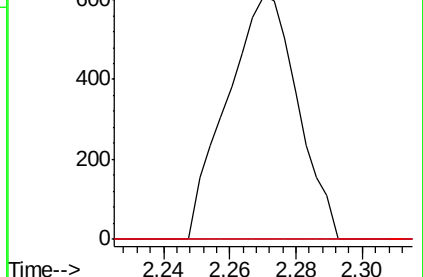
151 0.0 63.0 94.4#



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: 0.714 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032465.D

Acq: 05 Jun 2019 17:03

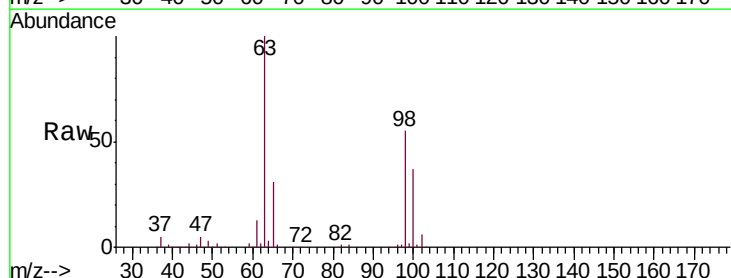
Tgt Ion: 96 Resp: 838

Ion Ratio Lower Upper

96 100

61 1363.8 129.5 240.5#

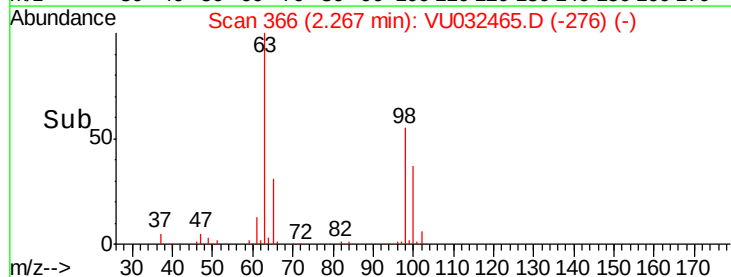
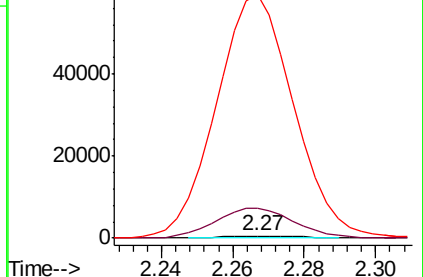
63 10902.9 103.4 192.0#

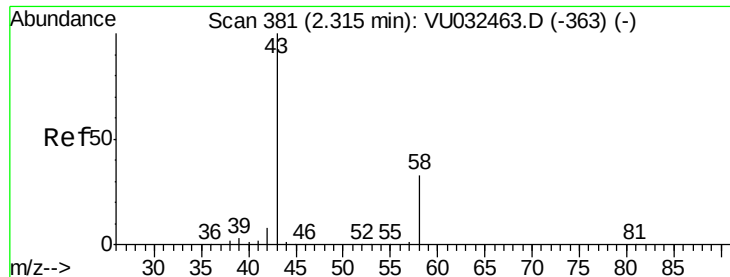


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.525 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032465.D

Acq: 05 Jun 2019 17:03

Instrument :

MSVOA_U

ClientSampleId :

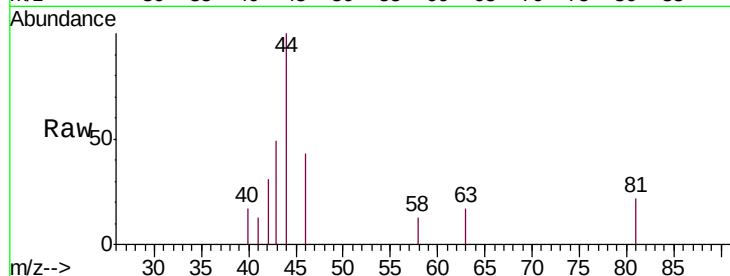
VBLK47

Tgt Ion: 43 Resp: 582

Ion Ratio Lower Upper

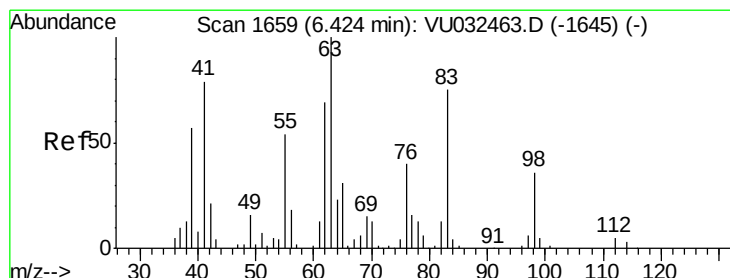
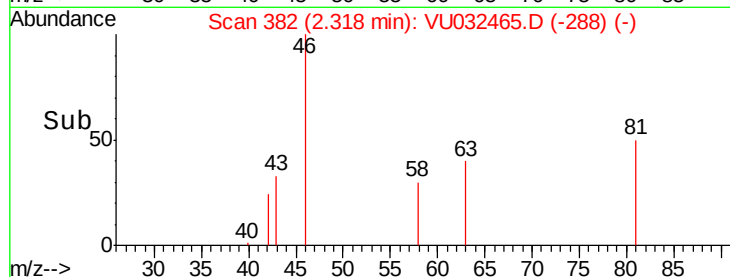
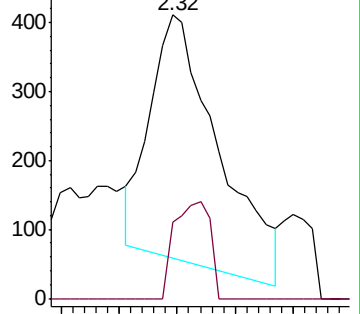
43 100

58 20.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 6.077 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032465.D

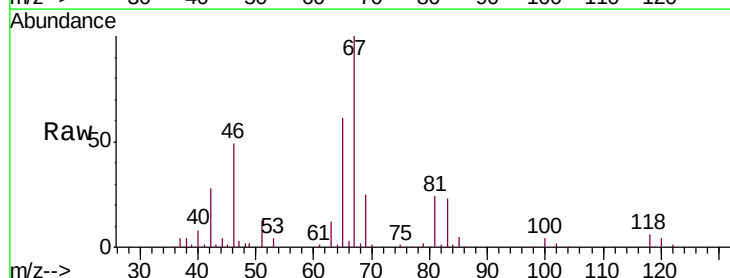
Acq: 05 Jun 2019 17:03

Tgt Ion: 63 Resp: 8483

Ion Ratio Lower Upper

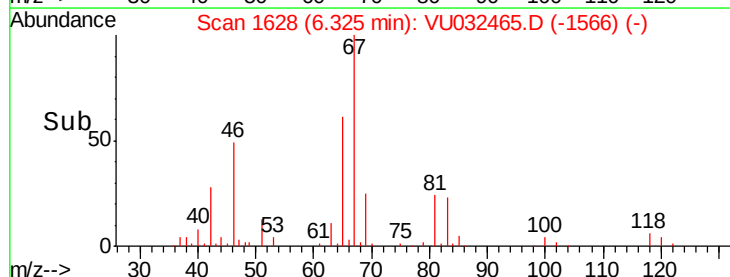
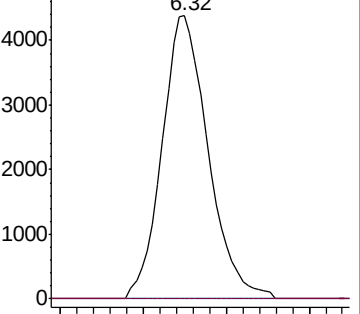
63 100

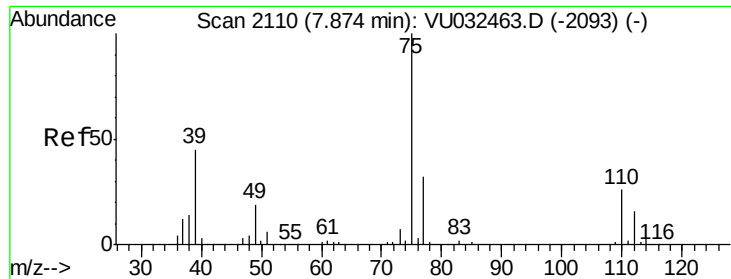
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

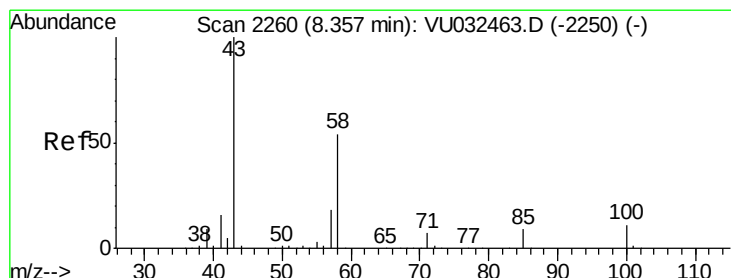
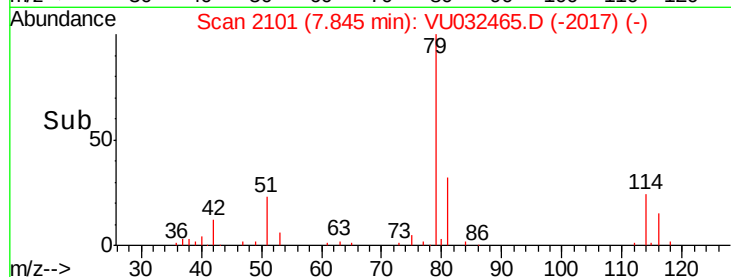
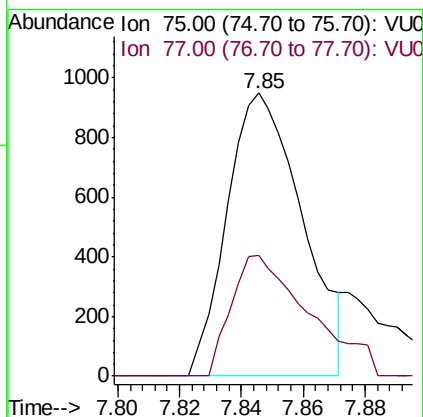
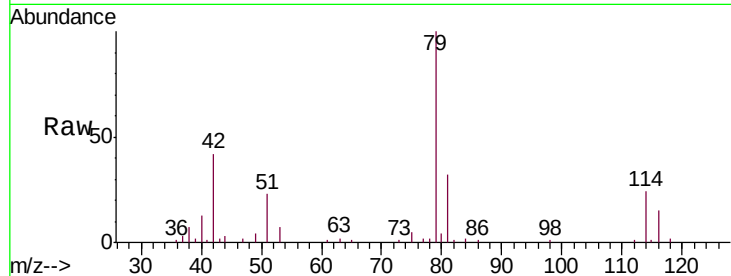




#44
trans-1,3-Dichloropropene
Concen: 0.821 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032465.D
Acq: 05 Jun 2019 17:03

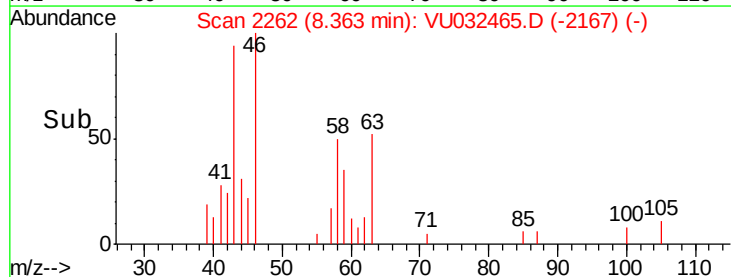
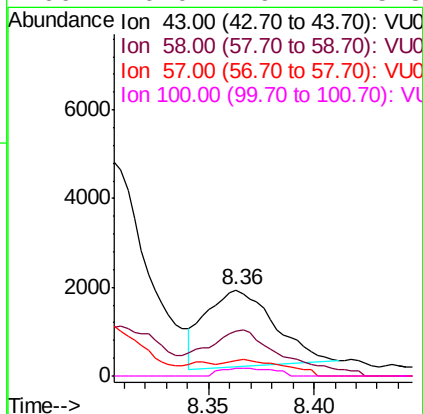
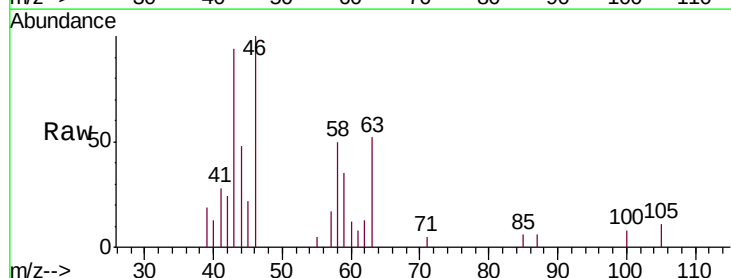
Instrument :
MSVOA_U
ClientSampled :
VBLK47

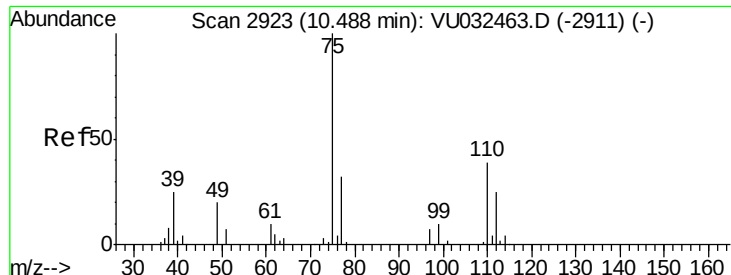
Tgt Ion: 75 Resp: 1606
Ion Ratio Lower Upper
75 100
77 42.7 22.1 41.1#



#48
2-Hexanone
Concen: 2.111 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032465.D
Acq: 05 Jun 2019 17:03

Tgt Ion: 43 Resp: 3894
Ion Ratio Lower Upper
43 100
58 66.9 42.0 63.0#
57 18.6 14.6 22.0
100 6.0 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 5.889 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032465.D

Acq: 05 Jun 2019 17:03

Instrument :

MSVOA_U

ClientSampleId :

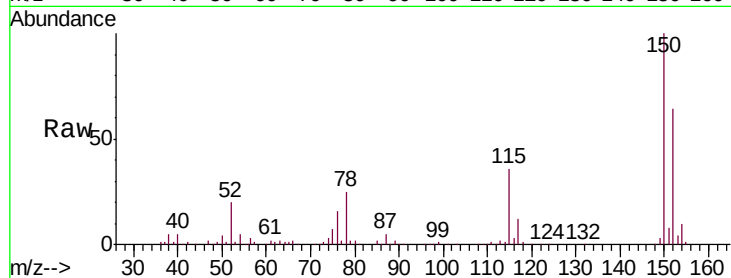
VBLK47

Tgt Ion: 75 Resp: 10688

Ion Ratio Lower Upper

75 100

77 37.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

