

Data File : VU032905.D
Acq On : 20 Jun 2019 17:11
Operator : JC/SP
Sample : VU0620WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK06

Quant Time: Jun 21 07:39:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 07:36:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	89280	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89984	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46411	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	21749	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.68	69	19818	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.27	63	35819	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.18	46	90321	55.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.50%
24) Chloroform-d	4.64	84	51166	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.30	65	31159	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.33	84	96245	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.32	67	31446	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.56	98	83239	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.85	79	12555	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.31	63	65456	44.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	28742	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	37946	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

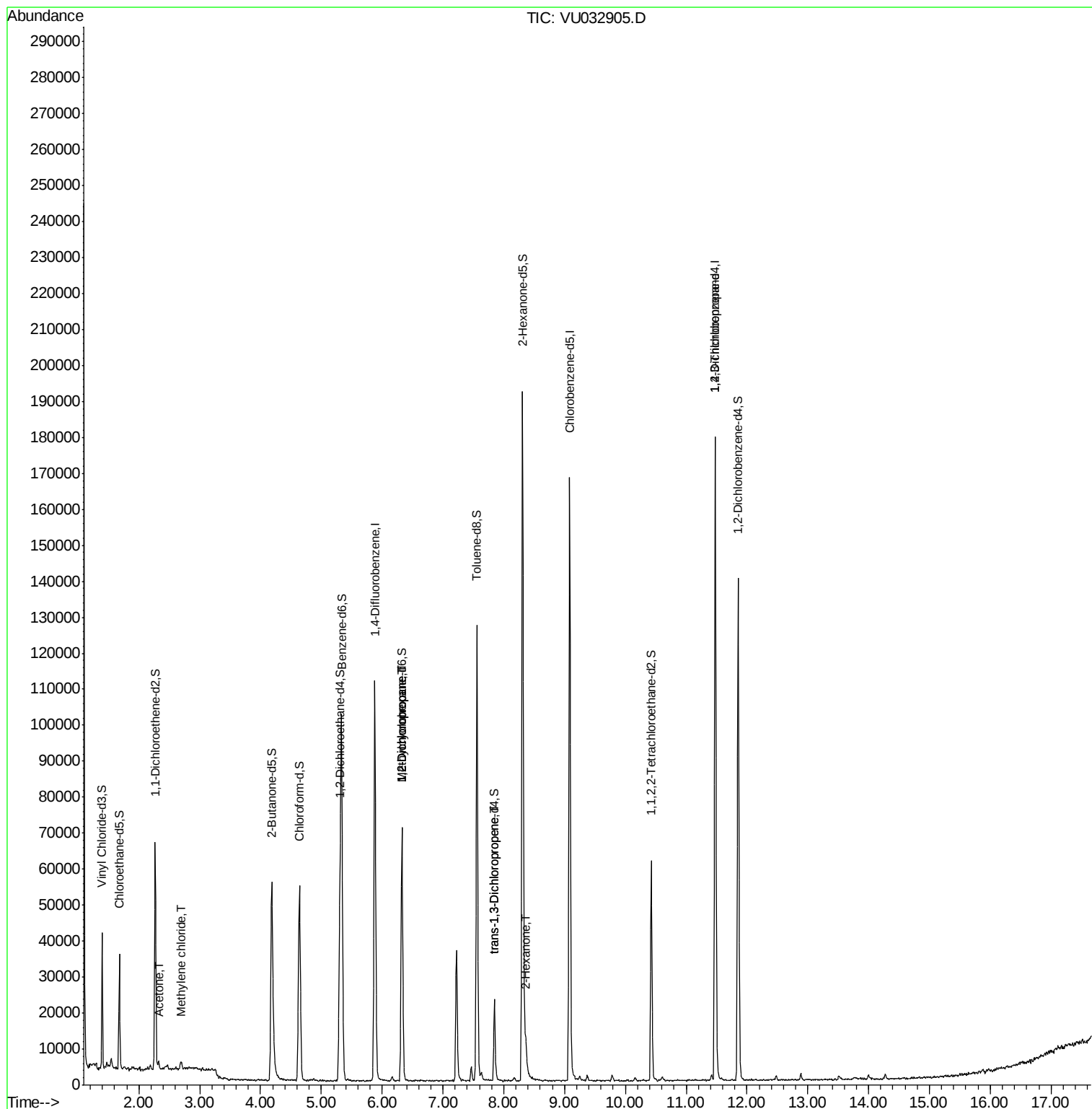
					Qvalue
13) Acetone	2.32	43	1628	1.295 ug/L	96
16) Methylene chloride	2.69	84	812	0.129 ug/L #	86
35) Methylcyclohexane	6.32	83	7598	0.619 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	3835	0.559 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	814	0.097 ug/L #	55
48) 2-Hexanone	8.36	43	5051	1.447 ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	6246	1.386 ug/L	89

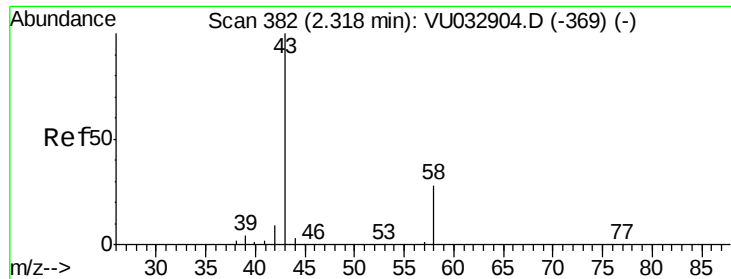
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.295 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_U

ClientSampleId :

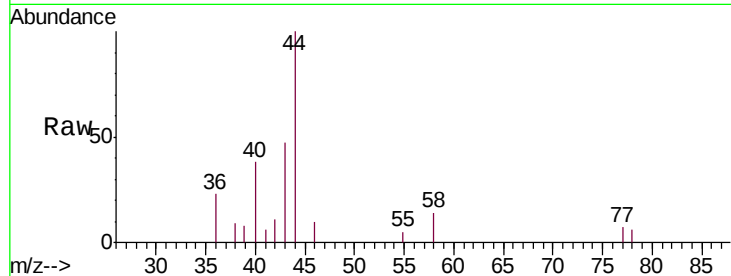
VBLK06

Tgt Ion: 43 Resp: 1628

Ion Ratio Lower Upper

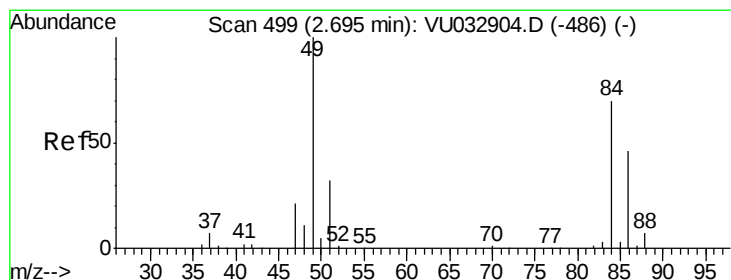
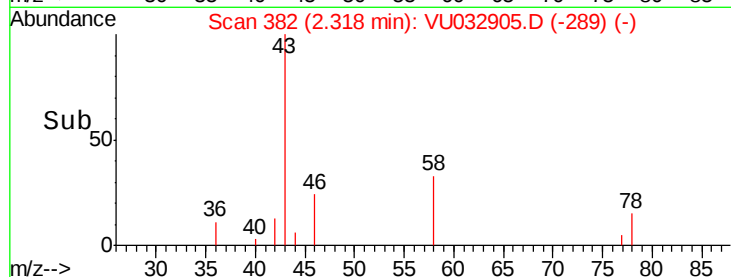
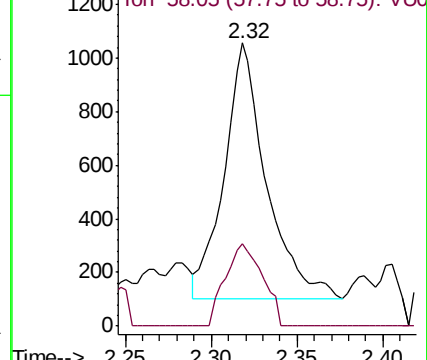
43 100

58 28.4 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032905.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU032905.D (-289) (-)



#16

Methylene chloride

Concen: 0.129 ug/L

RT: 2.69 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU032905.D

Acq: 20 Jun 2019 17:11

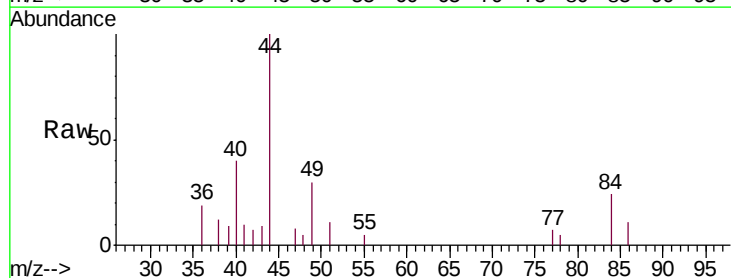
Tgt Ion: 84 Resp: 812

Ion Ratio Lower Upper

84 100

86 47.2 47.2 87.6#

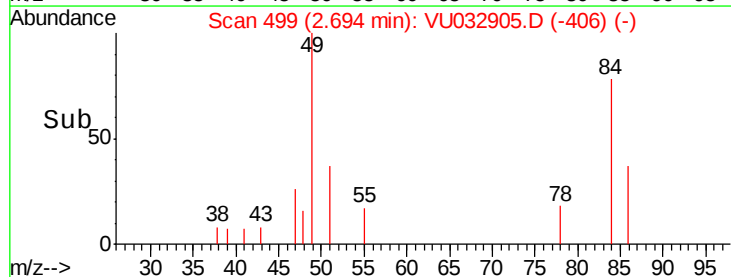
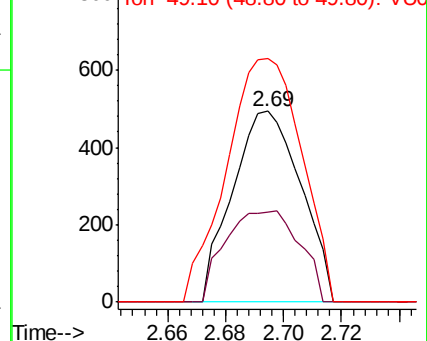
49 127.5 95.9 178.1

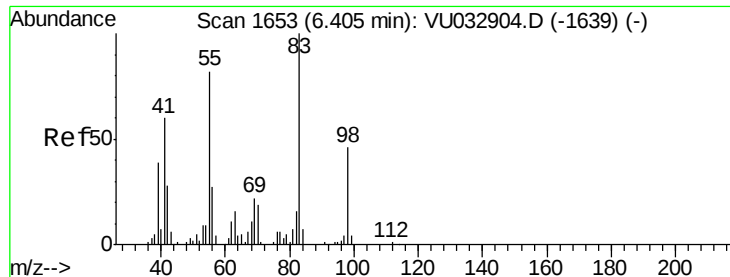


Abundance Ion 84.05 (83.75 to 84.75): VU032905.D (-406) (-)

Ion 86.00 (85.70 to 86.70): VU032905.D (-406) (-)

Ion 49.10 (48.80 to 49.80): VU032905.D (-406) (-)





#35

Methylcyclohexane

Concen: 0.619 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032905.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_U

ClientSampleId :

VBLK06

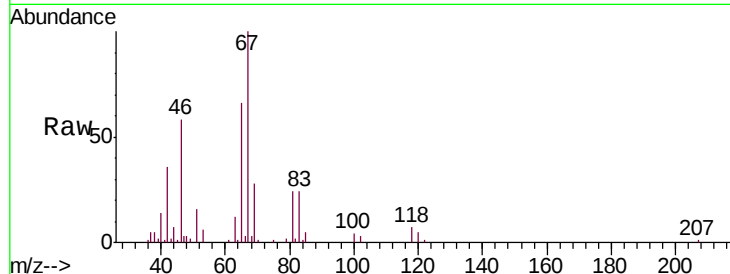
Tgt Ion: 83 Resp: 7598

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

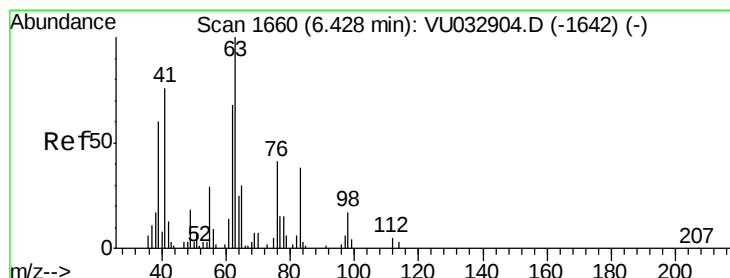
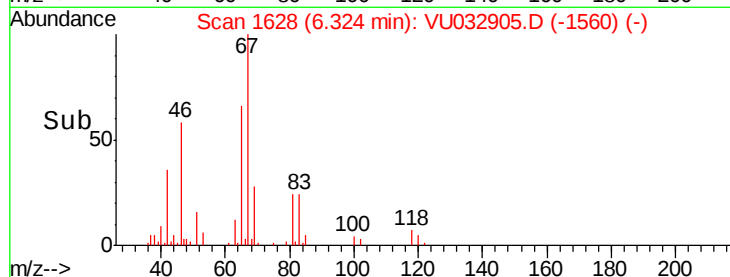
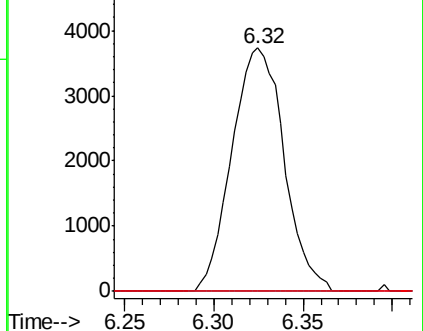
98 1.2 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.559 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032905.D

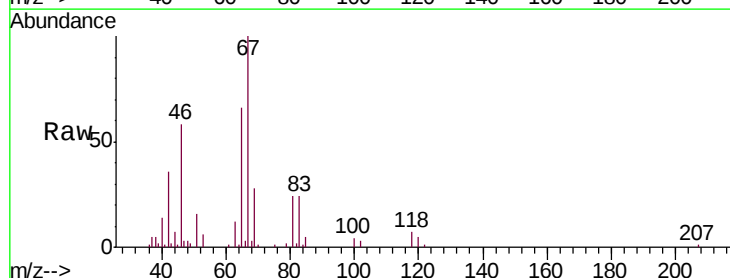
Acq: 20 Jun 2019 17:11

Tgt Ion: 63 Resp: 3835

Ion Ratio Lower Upper

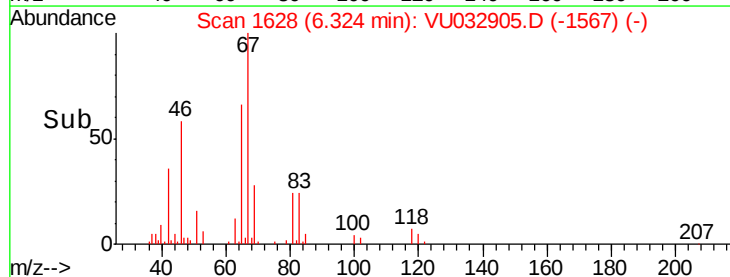
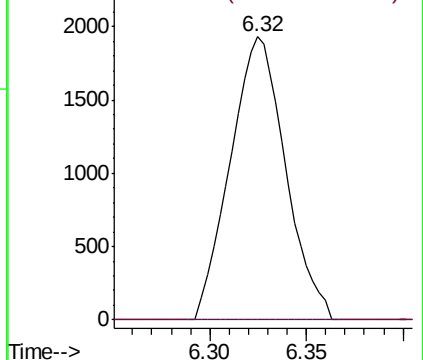
63 100

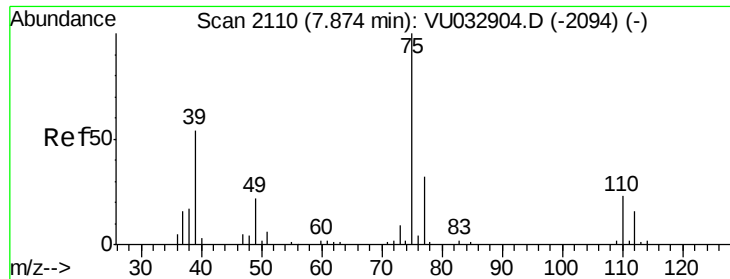
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032905.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_U

ClientSampleId :

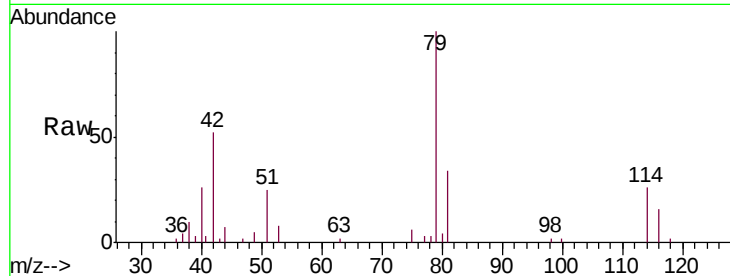
VBLK06

Tgt Ion: 75 Resp: 814

Ion Ratio Lower Upper

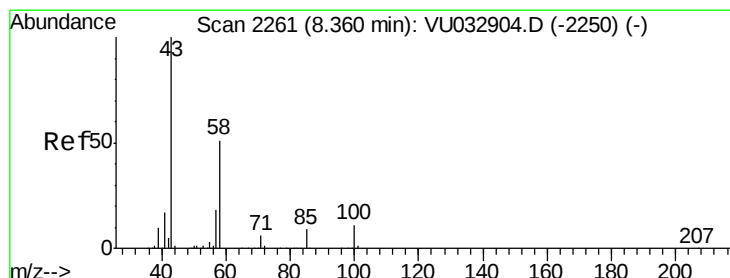
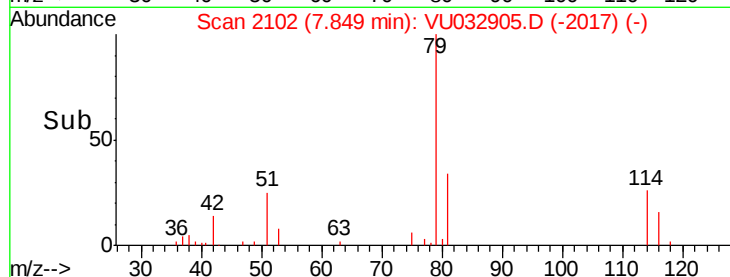
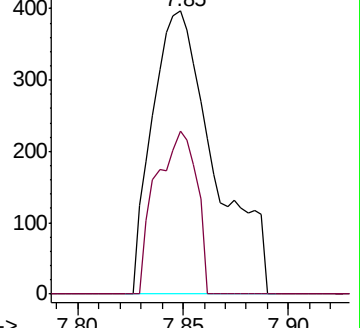
75 100

77 57.4 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VU032904.D (-2094) (-)

Ion 77.05 (76.75 to 77.75): VU032904.D (-2094) (-)



#48

2-Hexanone

Concen: 1.447 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU032905.D

Acq: 20 Jun 2019 17:11

Tgt Ion: 43 Resp: 5051

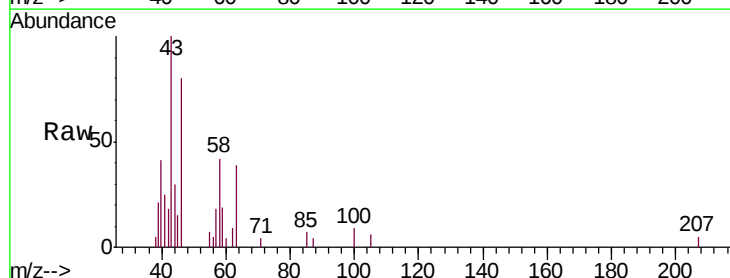
Ion Ratio Lower Upper

43 100

58 47.3 41.9 62.9

57 19.0 15.1 22.7

100 6.5 9.0 13.6#

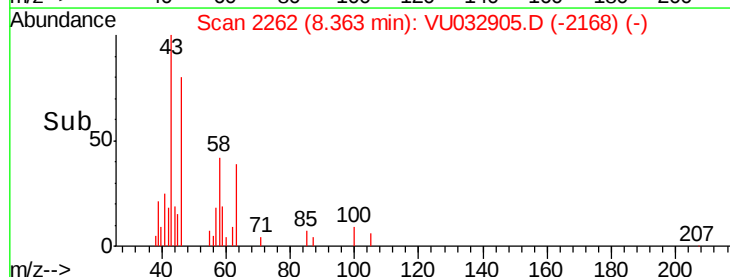
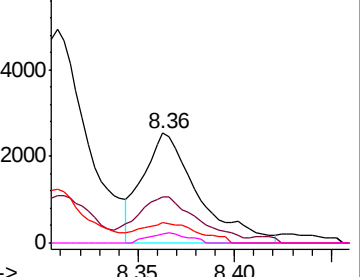


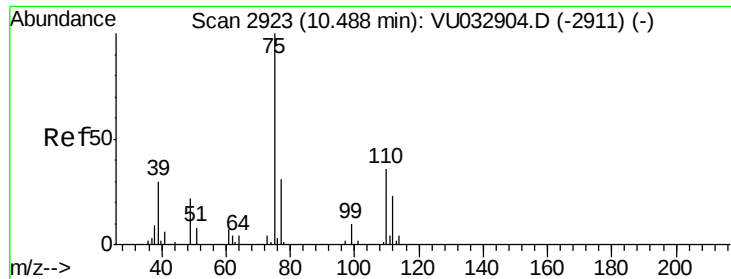
Abundance Ion 43.05 (42.75 to 43.75): VU032904.D (-2250) (-)

Ion 58.05 (57.75 to 58.75): VU032904.D (-2250) (-)

Ion 57.20 (56.90 to 57.90): VU032904.D (-2250) (-)

Ion 100.15 (99.85 to 100.85): VU032904.D (-2250) (-)





#59

1,2,3-Trichloropropane

Concen: 1.386 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032905.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_U

ClientSampleId :

VBLK06

Tgt Ion: 75 Resp: 6246

Ion Ratio Lower Upper

75 100

77 37.8 25.3 37.9

