

Data File : VU031129.D
Acq On : 12 Apr 2019 15:32
Operator : JC/SP
Sample : VU0412WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK59

Quant Time: Apr 13 01:04:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	431171	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	464738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	198314	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	204313	53.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.16%
7) Chloroethane-d5	1.68	69	160781	55.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.08%
11) 1,1-Dichloroethene-d2	2.27	63	273536	39.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.58%
21) 2-Butanone-d5	4.17	46	299708	98.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.25%
24) Chloroform-d	4.64	84	297569	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.22%
26) 1,2-Dichloroethane-d4	5.31	65	213094	53.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.24%
32) Benzene-d6	5.33	84	622339	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
36) 1,2-Dichloropropane-d6	6.32	67	216580	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.16%
41) Toluene-d8	7.56	98	575964	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.85	79	97465	45.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.94%
47) 2-Hexanone-d5	8.31	63	187130	88.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	304288	48.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	209142	53.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.24%

Target Compounds

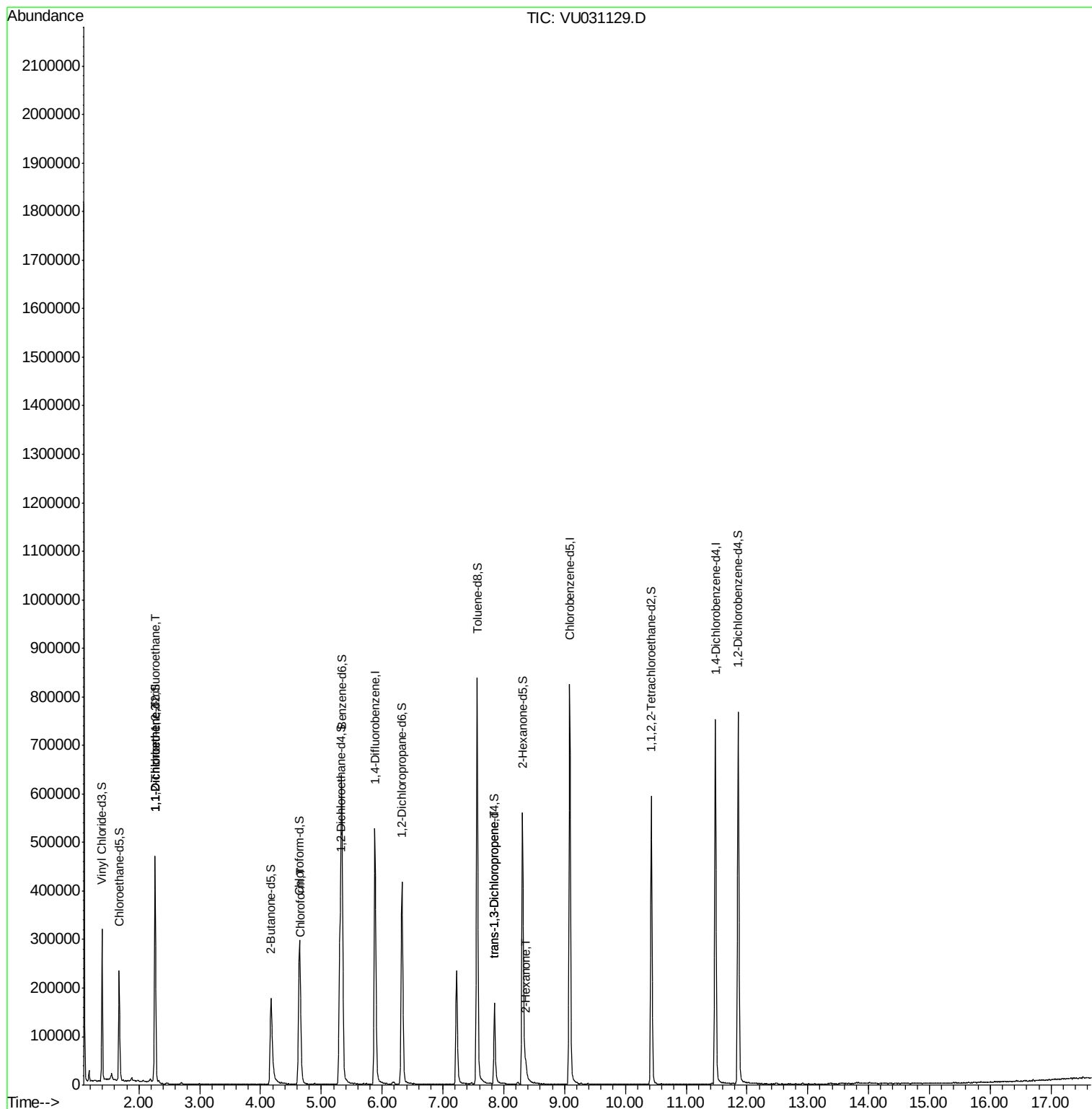
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2423	0.785 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2542	0.853 ug/L #	1
25) Chloroform	4.67	83	15718	2.395 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	3644	0.675 ug/L #	78
48) 2-Hexanone	8.36	43	17899	3.313 ug/L #	68

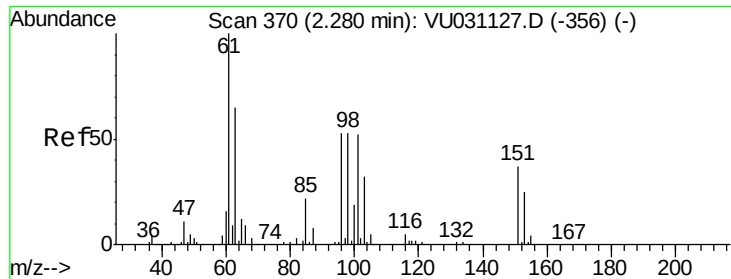
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.785 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031129.D

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Instrument :

MSVOA_U

ClientSampleId :

VBLK59

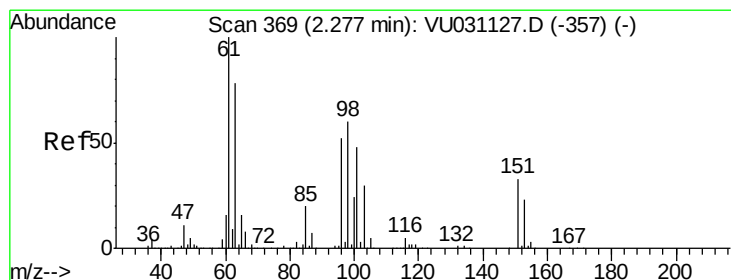
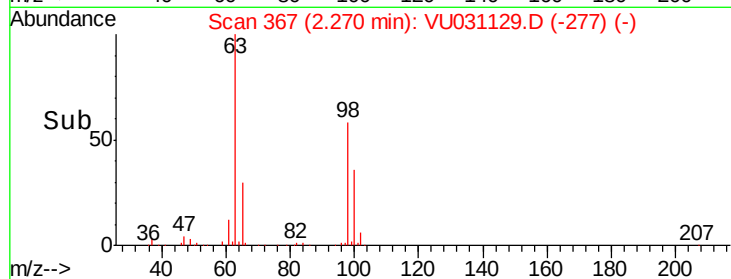
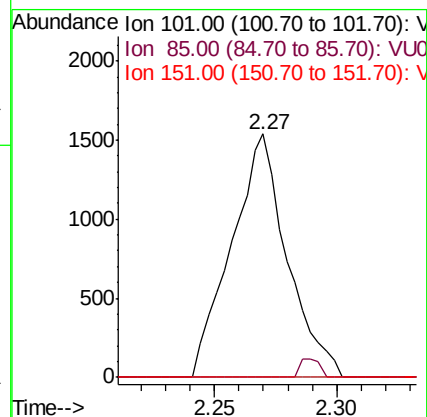
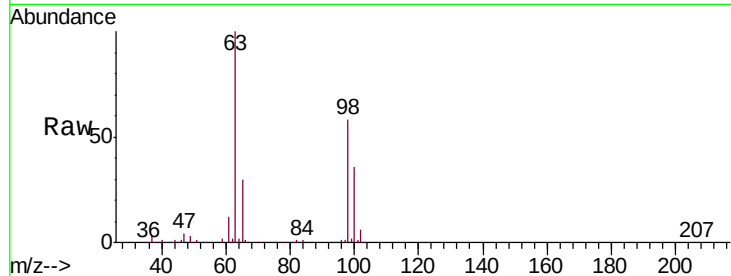
Tgt Ion:101 Resp: 2423

Ion Ratio Lower Upper

101 100

85 2.7 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.853 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031129.D

Acq: 12 Apr 2019 15:32

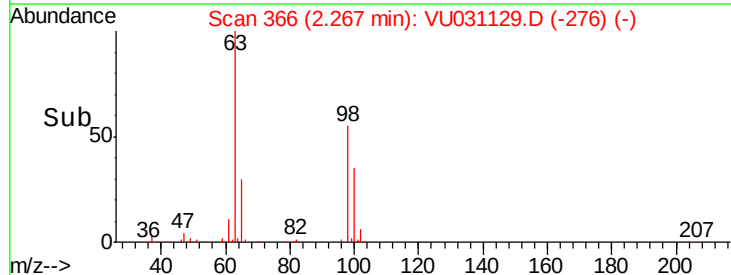
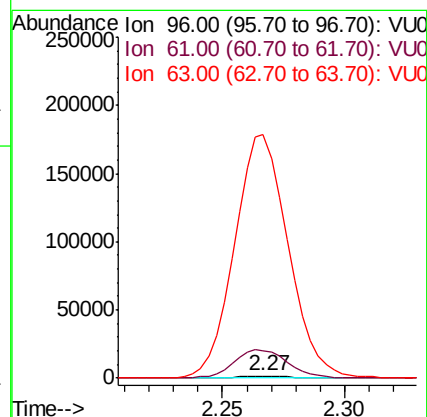
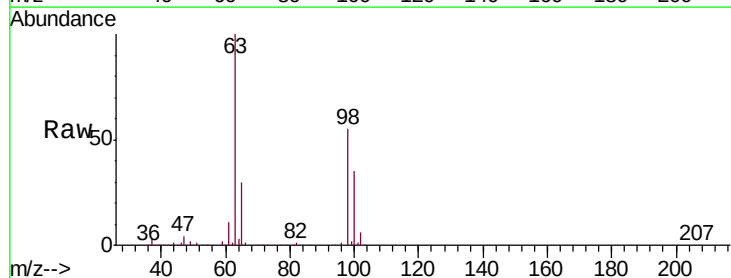
Tgt Ion: 96 Resp: 2542

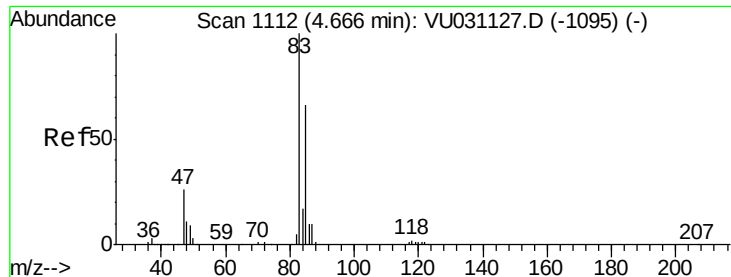
Ion Ratio Lower Upper

96 100

61 1306.2 132.0 245.2#

63 11450.3 90.9 168.9#

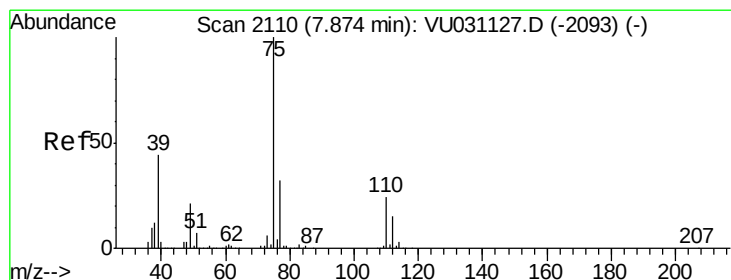
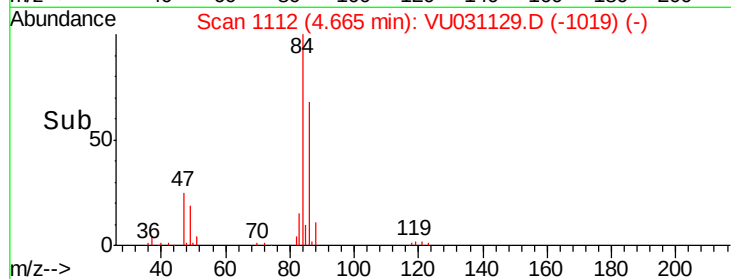
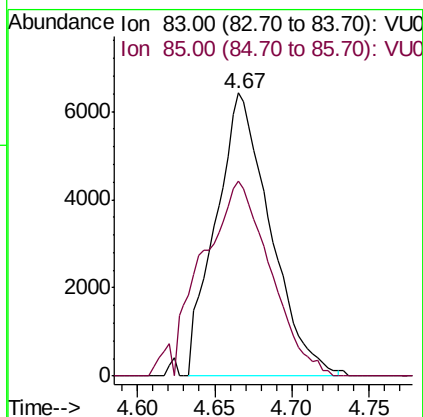
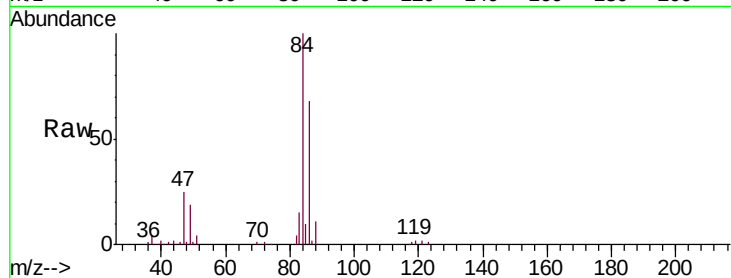




#25
Chloroform
Concen: 2.395 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU031129.D
Acq: 12 Apr 2019 15:32

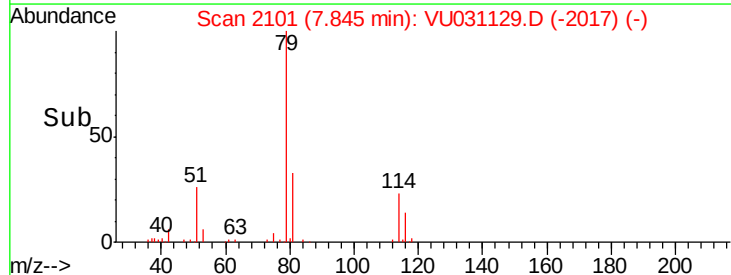
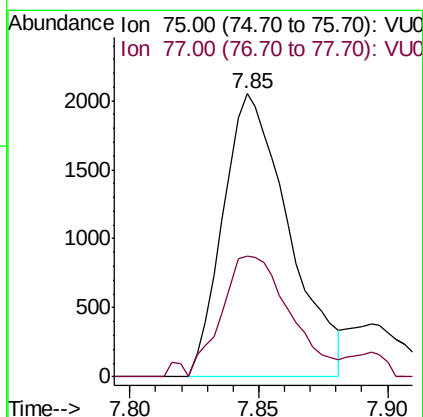
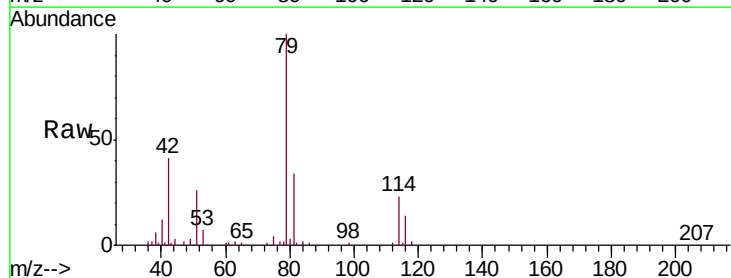
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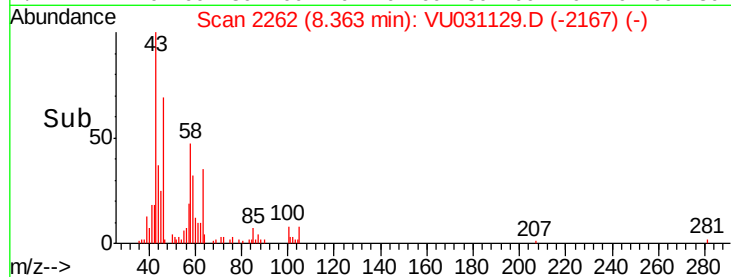
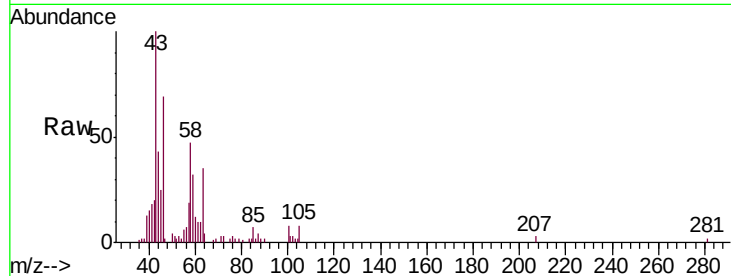
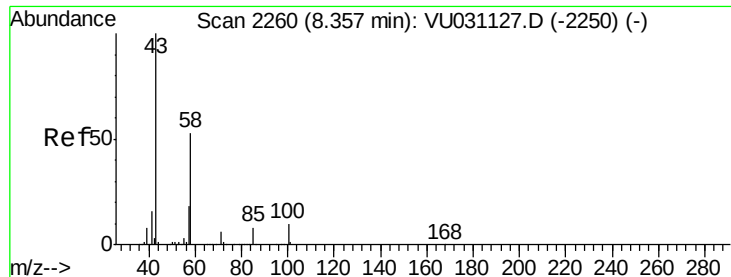
Tgt Ion: 83 Resp: 15718
Ion Ratio Lower Upper
83 100
85 69.1 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.675 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU031129.D
Acq: 12 Apr 2019 15:32

Tgt Ion: 75 Resp: 3644
Ion Ratio Lower Upper
75 100
77 42.8 21.6 40.0#





#48

2-Hexanone

Concen: 3.313 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU031129.D

Acq: 12 Apr 2019 15:32

Instrument :

MSVOA_U

ClientSampleId :

VBLK59

Tgt Ion: 43 Resp: 17899

Ion Ratio Lower Upper

43 100

58 25.0 41.9 62.9#

57 5.9 14.3 21.5#

100 7.8 7.1 10.7

Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

