

Data File : VU029813.D
Acq On : 05 Mar 2019 11:00
Operator : JC/SP
Sample : K1721-01RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF8B7

Quant Time: Mar 06 00:44:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 00:41:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	487387	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	470064	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	223788	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	157344	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.12%
7) Chloroethane-d5	1.68	69	134447	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.70%
11) 1,1-Dichloroethene-d2	2.27	63	212740	30.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.94%
21) 2-Butanone-d5	4.17	46	235235	108.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.23%
24) Chloroform-d	4.65	84	281035	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
26) 1,2-Dichloroethane-d4	5.31	65	176575	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
32) Benzene-d6	5.34	84	610312	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.33	67	188813	53.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.12%
41) Toluene-d8	7.56	98	573187	47.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.98%
43) trans-1,3-Dichloropropene-	7.85	79	87101	46.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.28%
47) 2-Hexanone-d5	8.31	63	201685	101.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288134	47.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	228555	47.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.78%

Target Compounds

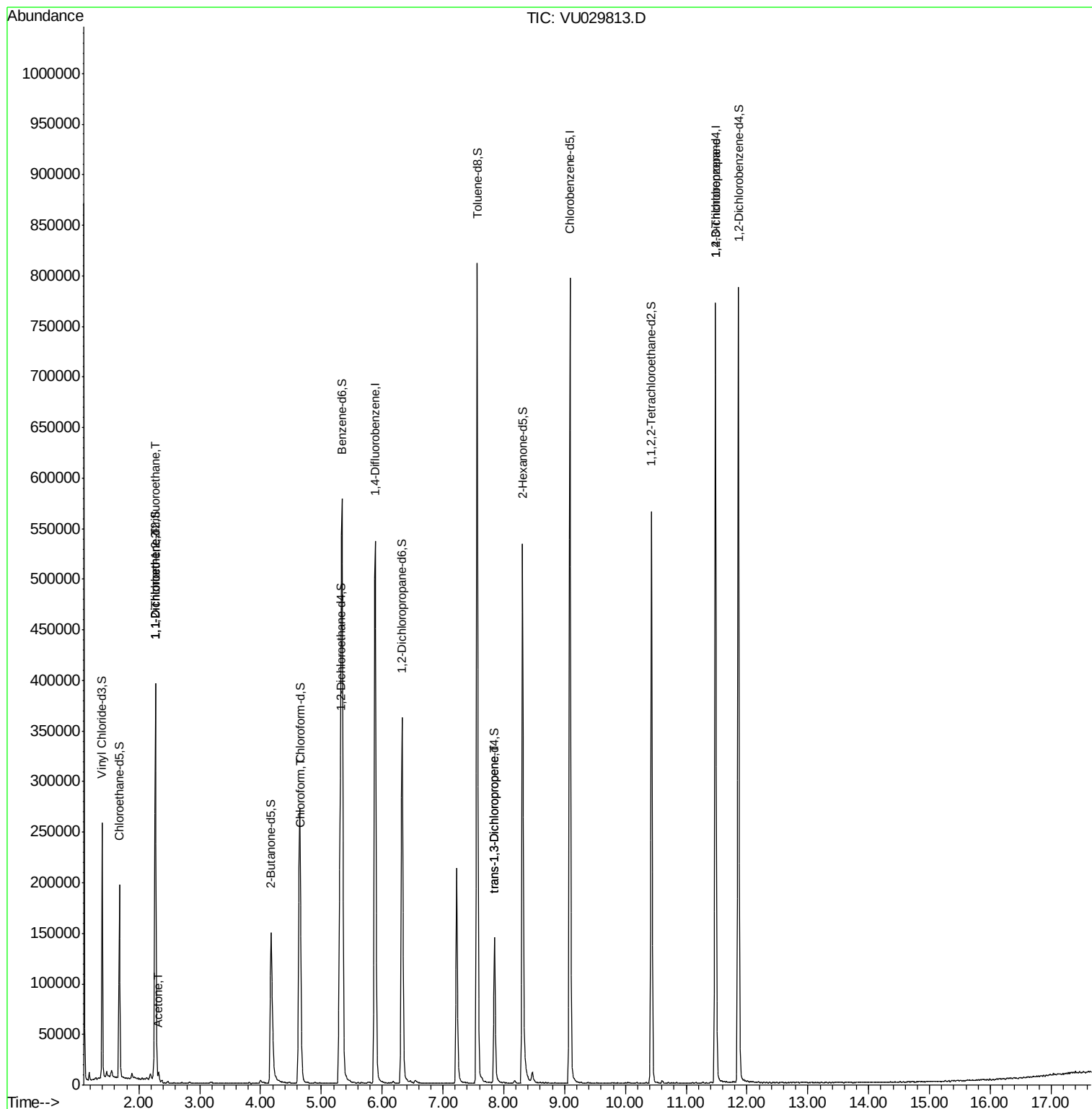
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2168	0.639	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1789	0.554	ug/L #	1
13) Acetone	2.32	43	7113	3.063	ug/L	94
25) Chloroform	4.67	83	6134	1.067	ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	3364	0.699	ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	22272	4.938	ug/L	90

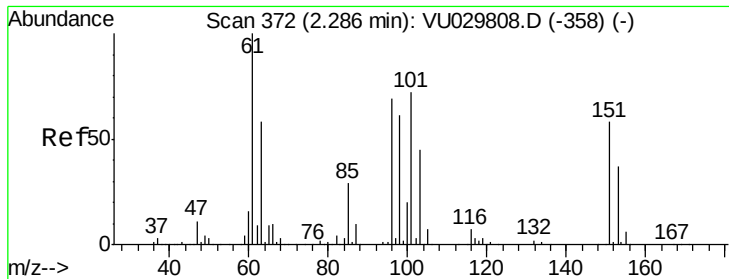
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.639 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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Instrument :

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ClientSampleId :

BF8B7

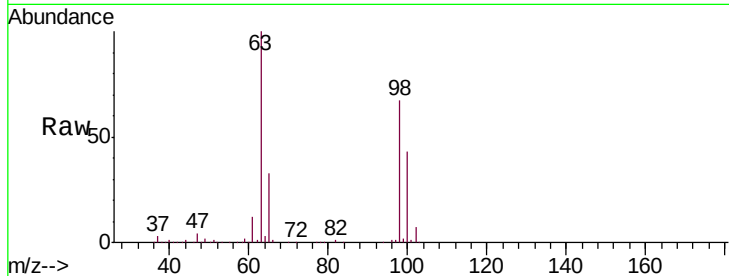
Tgt Ion: 101 Resp: 2168

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

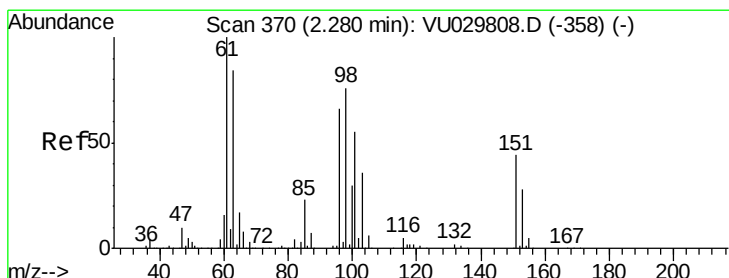
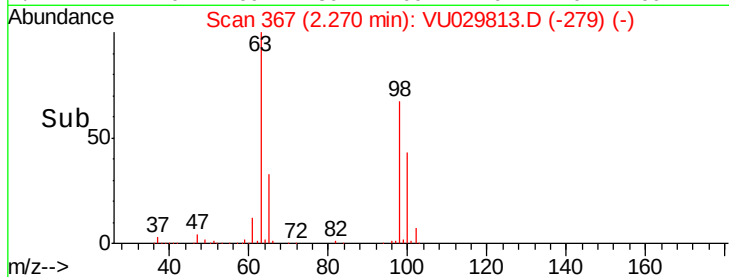
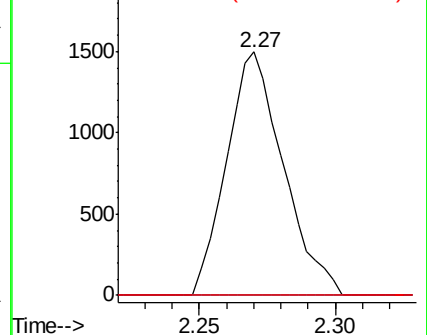
151 0.0 65.7 98.5#



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: 0.554 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU029813.D

Acq: 05 Mar 2019 11:00

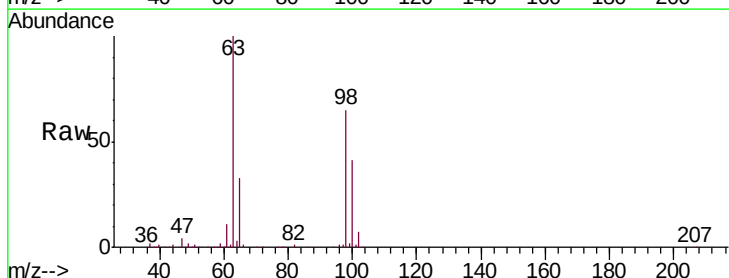
Tgt Ion: 96 Resp: 1789

Ion Ratio Lower Upper

96 100

61 1263.8 114.0 211.8#

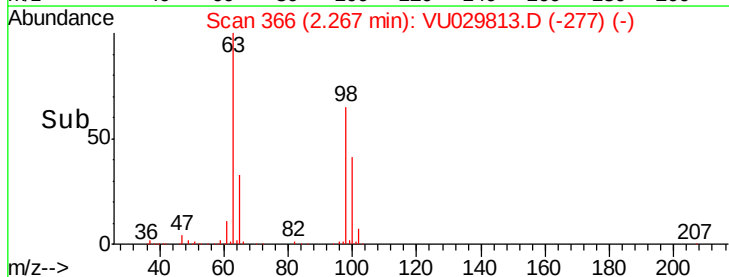
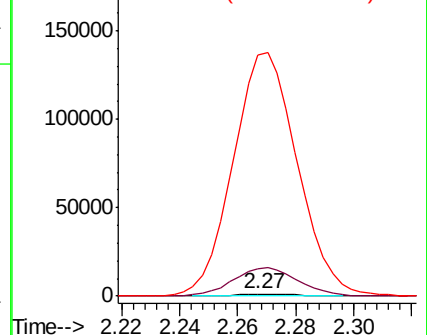
63 11173.8 98.7 183.3#

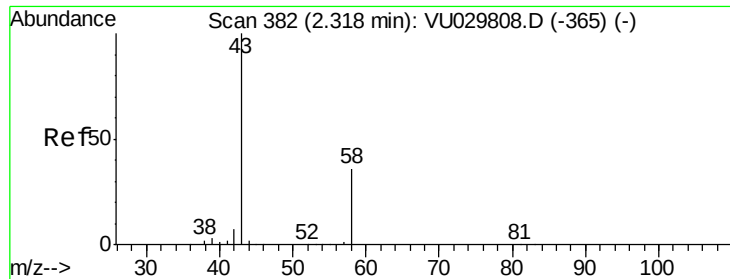


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.063 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

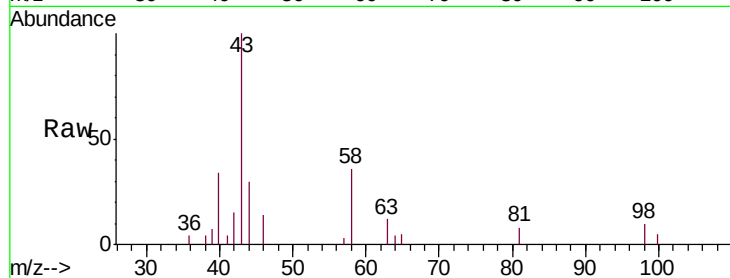
BF8B7

Tgt Ion: 43 Resp: 7113

Ion Ratio Lower Upper

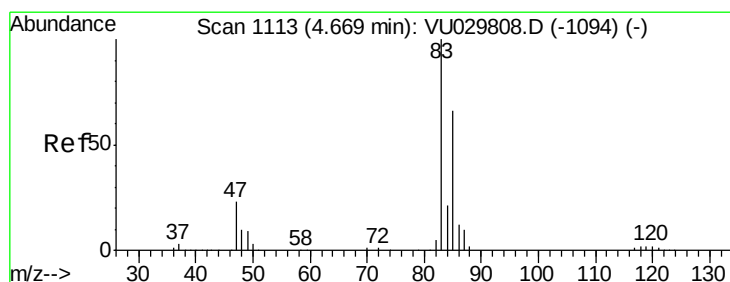
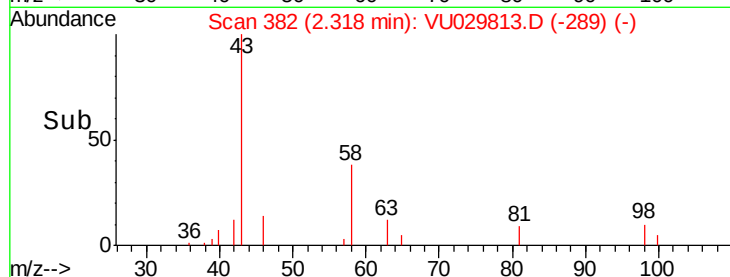
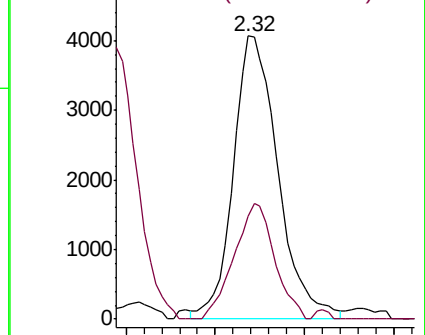
43 100

58 36.9 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 1.067 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU029813.D

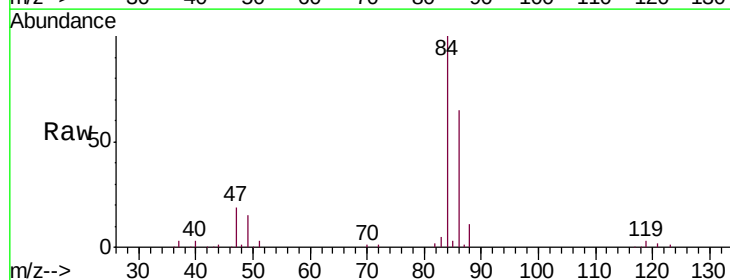
Acq: 05 Mar 2019 11:00

Tgt Ion: 83 Resp: 6134

Ion Ratio Lower Upper

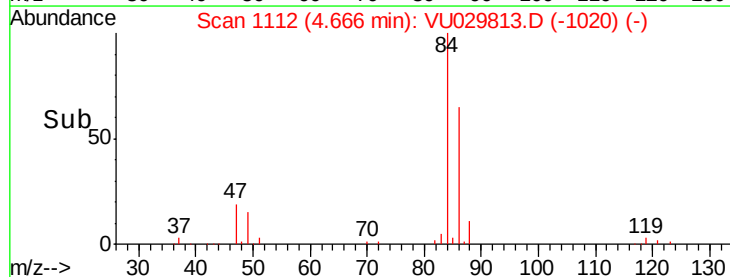
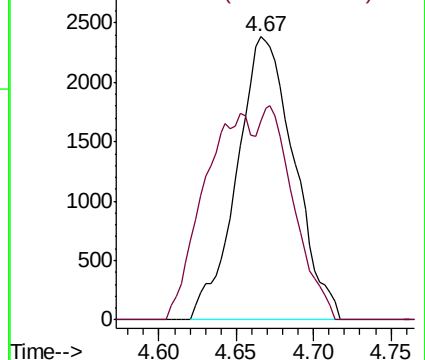
83 100

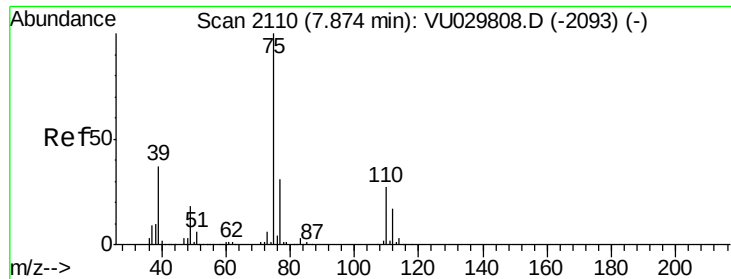
85 70.3 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.699 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029813.D

Acq: 05 Mar 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

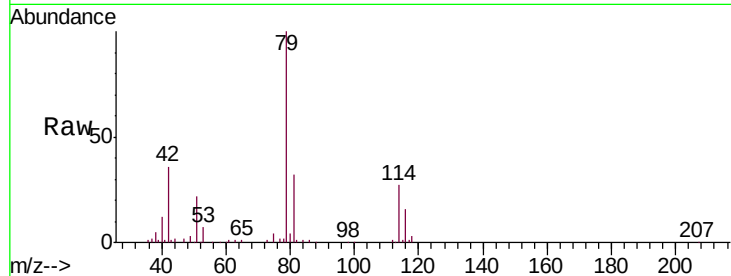
BF8B7

Tgt Ion: 75 Resp: 3364

Ion Ratio Lower Upper

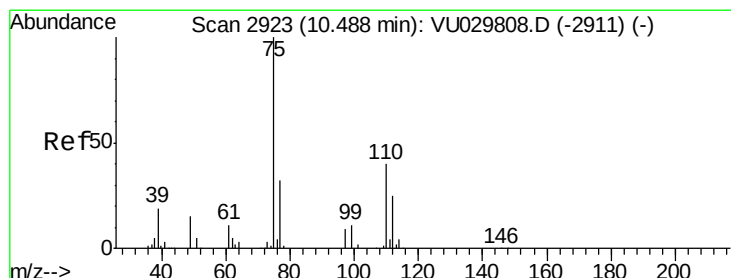
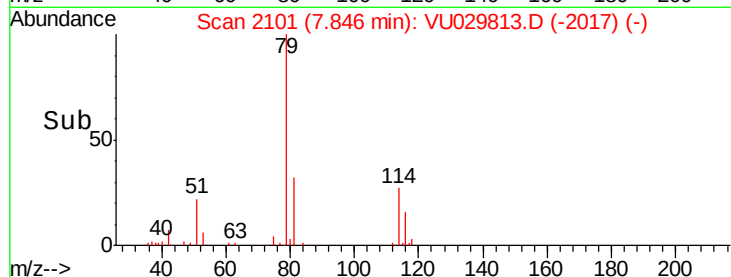
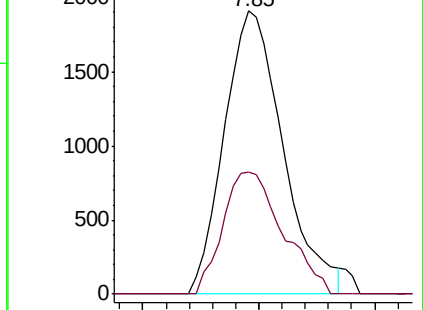
75 100

77 43.1 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 4.938 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029813.D

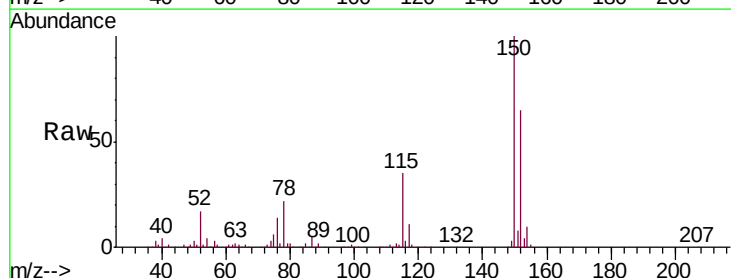
Acq: 05 Mar 2019 11:00

Tgt Ion: 75 Resp: 22272

Ion Ratio Lower Upper

75 100

77 37.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

