

Data File : VU029788.D
Acq On : 04 Mar 2019 17:16
Operator : JC/SP
Sample : K1657-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 05 01:31:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 01:28:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	496964	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	485272	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	237452	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	158993	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.32%
7) Chloroethane-d5	1.68	69	134242	41.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.94%
11) 1,1-Dichloroethene-d2	2.27	63	225893	31.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.46%
21) 2-Butanone-d5	4.17	46	242921	109.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.62%
24) Chloroform-d	4.65	84	277612	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.31	65	180400	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
32) Benzene-d6	5.34	84	620851	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
36) 1,2-Dichloropropane-d6	6.33	67	190318	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.60%
41) Toluene-d8	7.56	98	580097	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%
43) trans-1,3-Dichloropropene-	7.85	79	88125	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.31	63	205904	100.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288579	46.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	237136	46.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.68%

Target Compounds

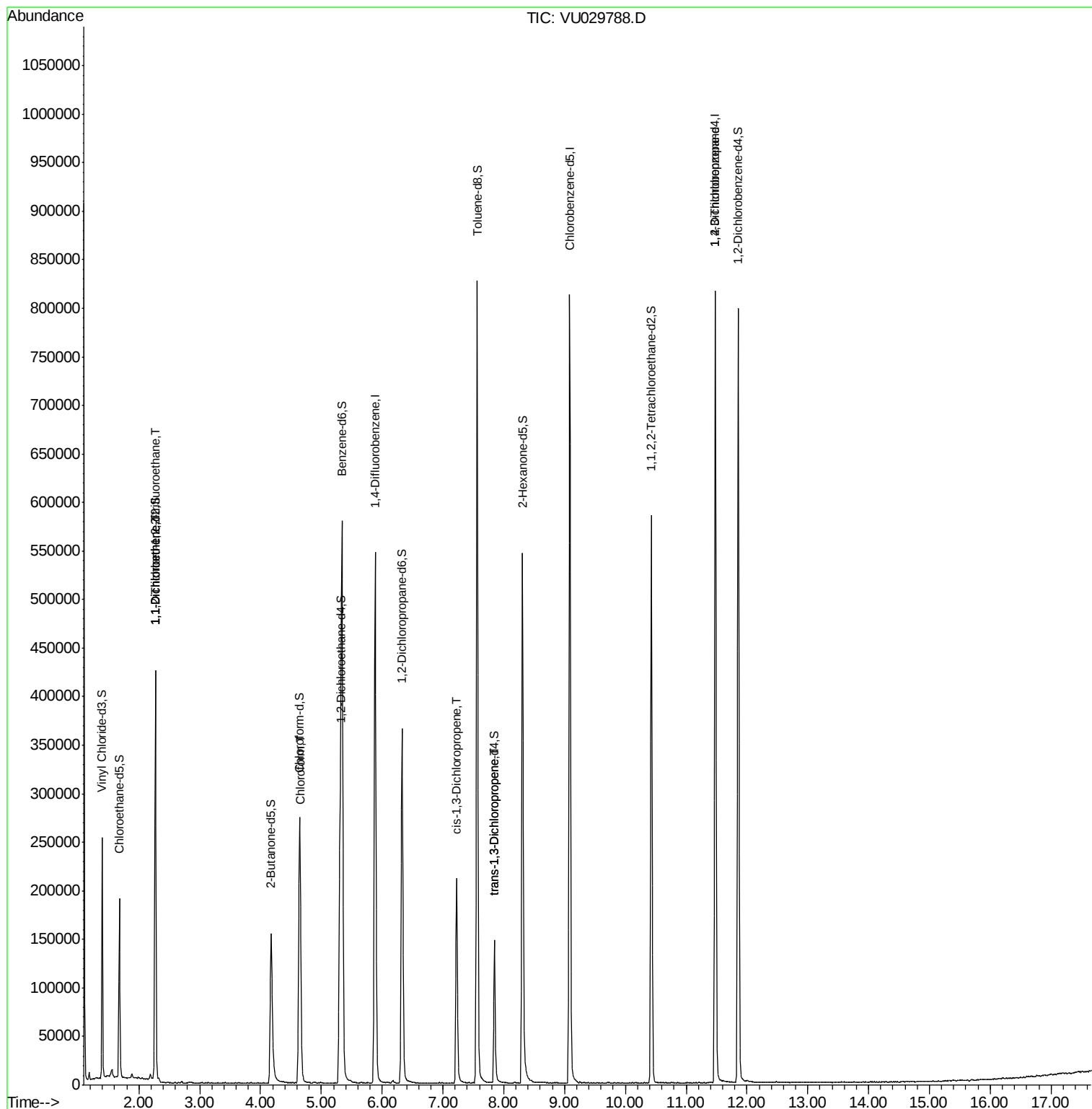
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2213	0.639	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	2050	0.623	ug/L #	1
25) Chloroform	4.66	83	6344	1.083	ug/L #	71
39) cis-1,3-Dichloropropene	7.22	75	5093	0.967	ug/L #	56
44) trans-1,3-Dichloropropene	7.85	75	3506	0.706	ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	24745	5.314	ug/L	95

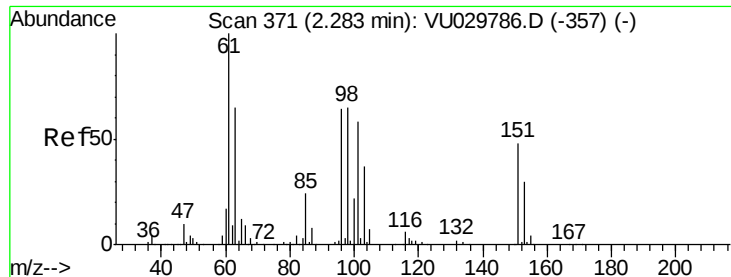
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.01 min

Lab File: VU029788.D

Acq: 04 Mar 2019 17:16

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

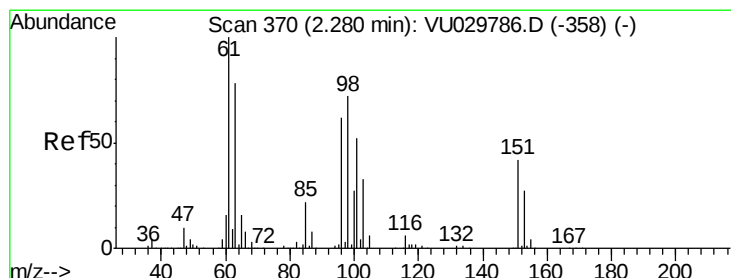
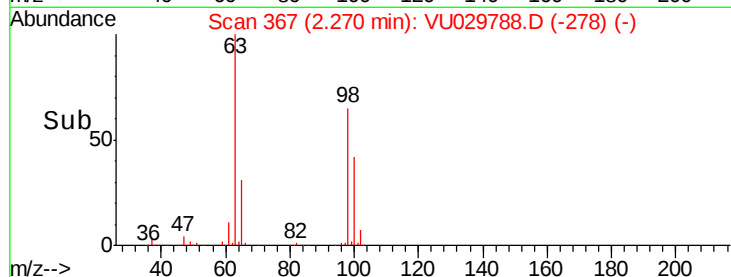
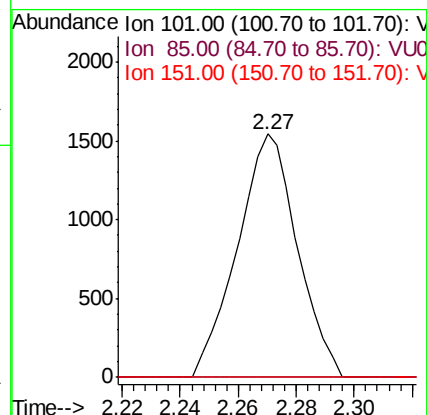
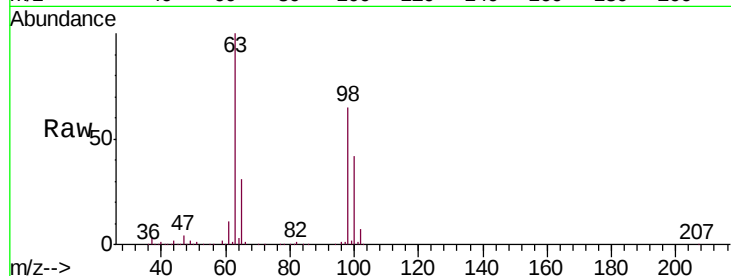
Tgt Ion: 101 Resp: 2213

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

151 0.0 65.7 98.5#



#12

1,1-Dichloroethene

Concen: 0.623 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029788.D

Acq: 04 Mar 2019 17:16

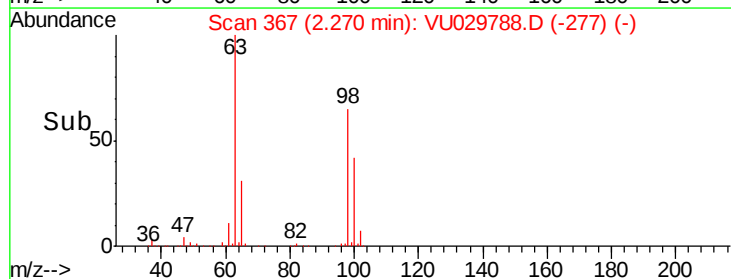
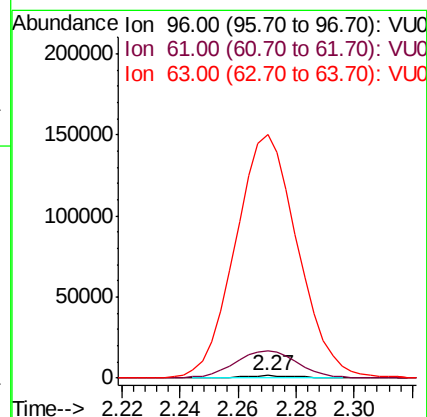
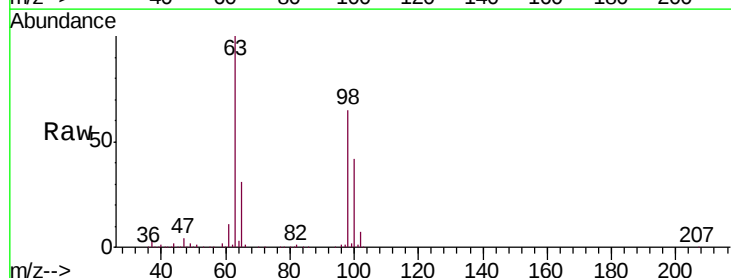
Tgt Ion: 96 Resp: 2050

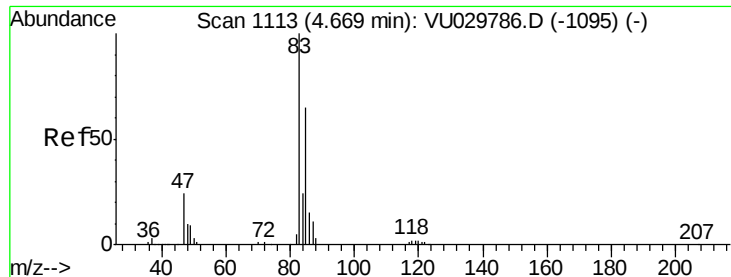
Ion Ratio Lower Upper

96 100

61 1150.8 114.0 211.8#

63 10274.1 98.7 183.3#

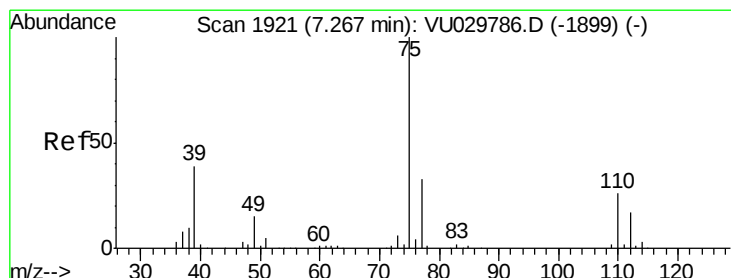
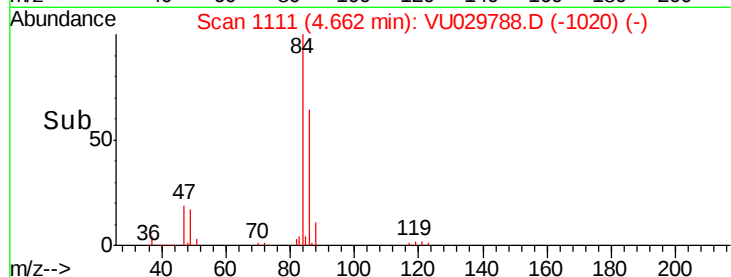
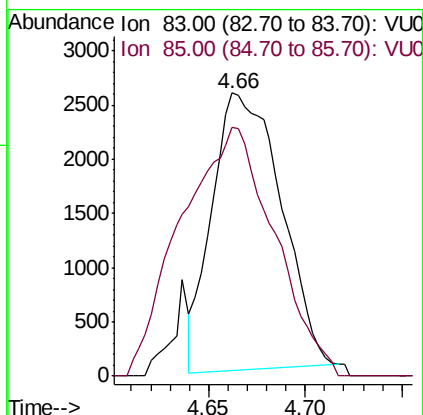
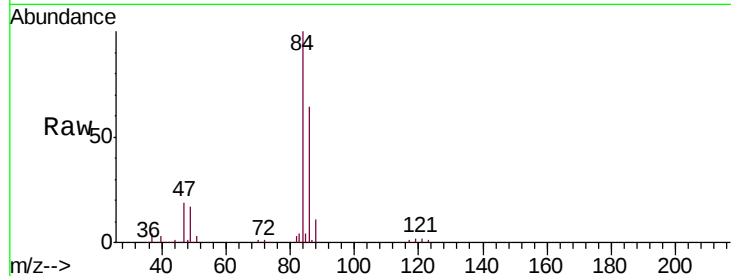




#25
Chloroform
Concen: 1.083 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VU029788.D
Acq: 04 Mar 2019 17:16

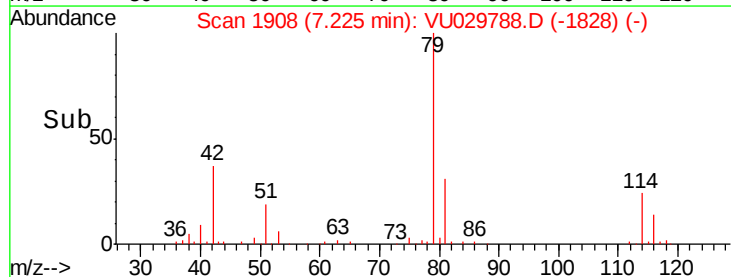
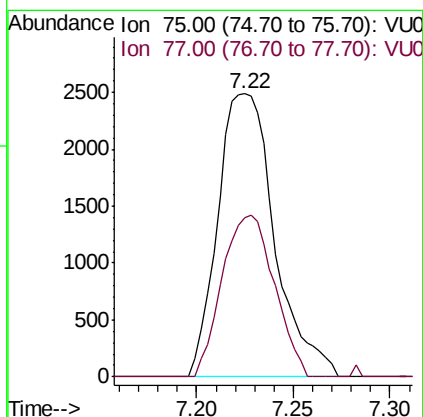
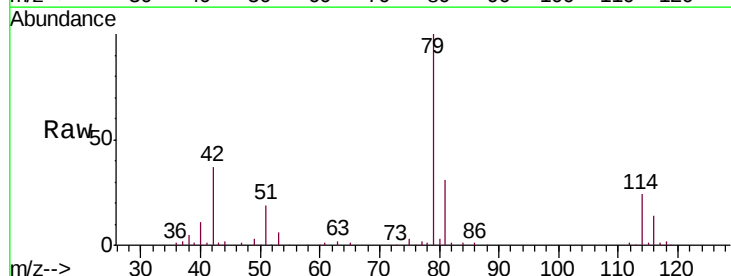
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ClientSampleId :
VHBLK01

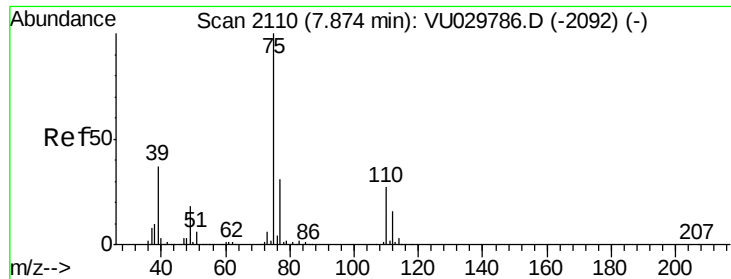
Tgt Ion: 83 Resp: 6344
Ion Ratio Lower Upper
83 100
85 87.9 45.4 84.2#



#39
cis-1,3-Dichloropropene
Concen: 0.967 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029788.D
Acq: 04 Mar 2019 17:16

Tgt Ion: 75 Resp: 5093
Ion Ratio Lower Upper
75 100
77 56.1 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.706 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029788.D

Acq: 04 Mar 2019 17:16

Instrument :

MSVOA_U

ClientSampleId :

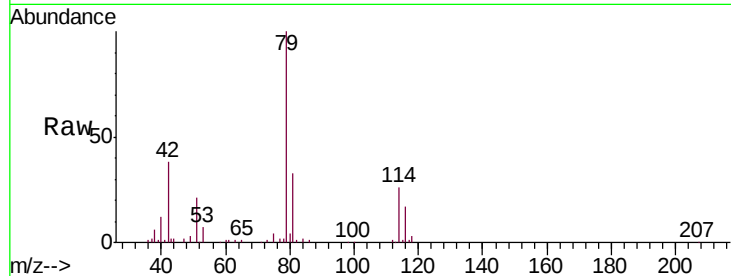
VHBLK01

Tgt Ion: 75 Resp: 3506

Ion Ratio Lower Upper

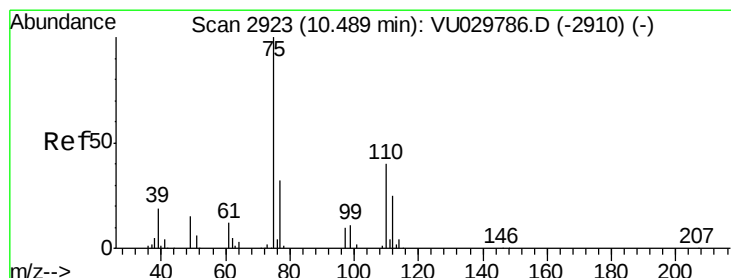
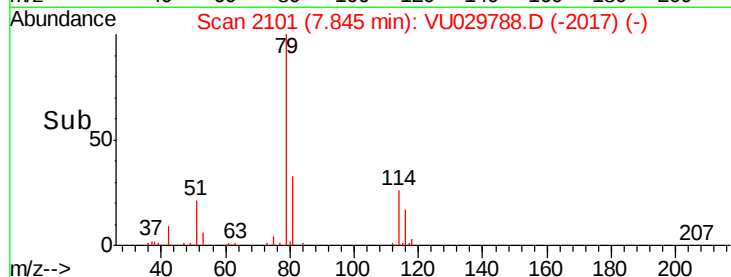
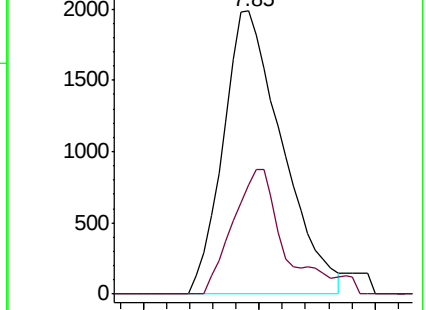
75 100

77 38.6 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: 5.314 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029788.D

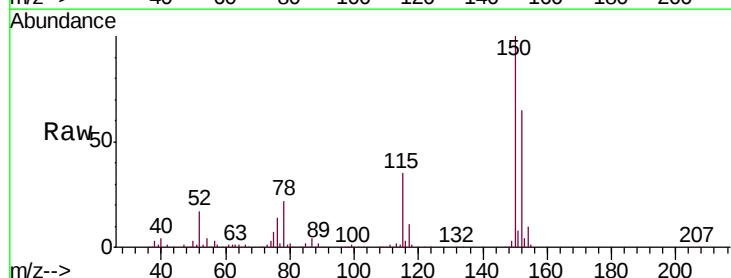
Acq: 04 Mar 2019 17:16

Tgt Ion: 75 Resp: 24745

Ion Ratio Lower Upper

75 100

77 34.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

