

Data File : VU033228.D
Acq On : 12 Jul 2019 17:45
Operator : JC/SP
Sample : K3724-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Jul 13 00:12:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	302325	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	298298	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	135412	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	103245	45.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.22%
7) Chloroethane-d5	1.67	69	92916	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.04%
11) 1,1-Dichloroethene-d2	2.26	63	139105	33.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.02%
21) 2-Butanone-d5	4.15	46	144857	99.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.89%
24) Chloroform-d	4.62	84	176421	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.29	65	121779	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.02%
32) Benzene-d6	5.32	84	365636	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.94%
36) 1,2-Dichloropropane-d6	6.31	67	119359	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.84%
41) Toluene-d8	7.55	98	326377	47.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.83	79	54807	47.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.36%
47) 2-Hexanone-d5	8.29	63	110590	104.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.65%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	174337	49.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.28%
64) 1,2-Dichlorobenzene-d4	11.85	152	125142	51.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.64%

Target Compounds

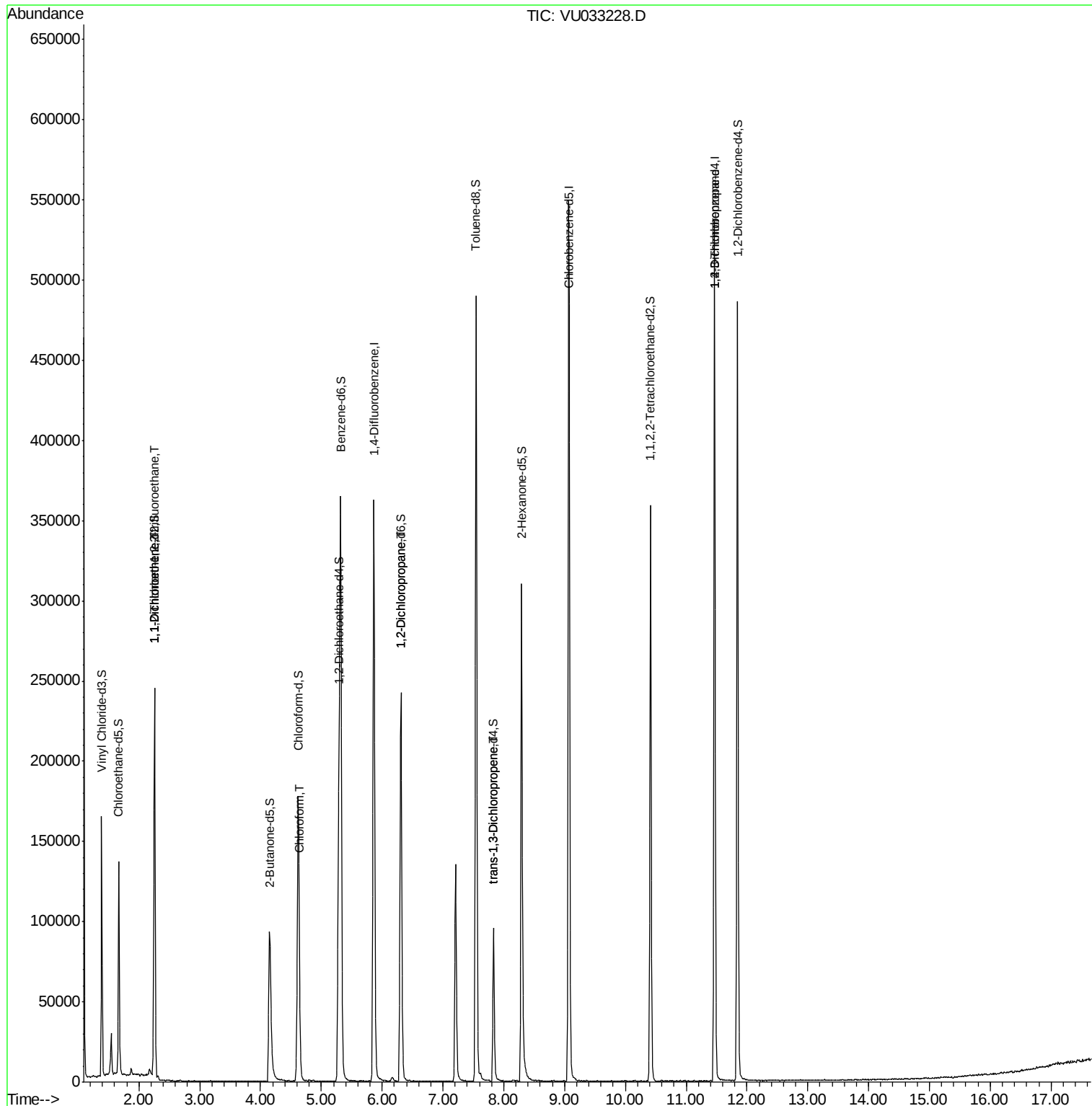
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1177	0.571 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1458	0.723 ug/L #	1
25) Chloroform	4.65	83	5942	1.394 ug/L	99
37) 1,2-Dichloropropane	6.31	63	13117	5.560 ug/L #	88
44) trans-1,3-Dichloropropene	7.83	75	2327	0.713 ug/L	83
59) 1,2,3-Trichloropropane	11.47	75	16972	5.526 ug/L	93

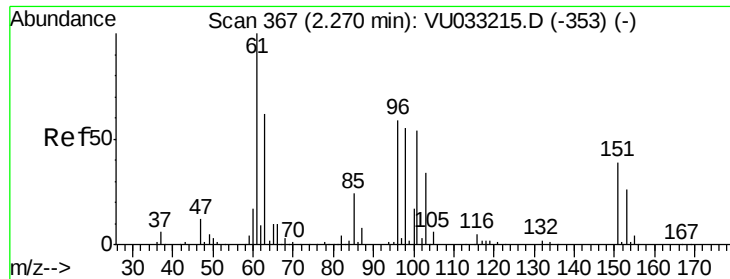
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.571 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

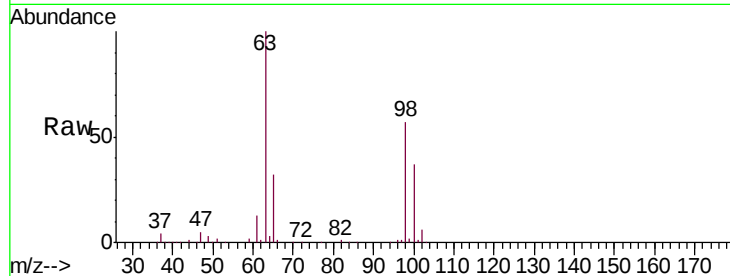
Tgt Ion:101 Resp: 1177

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

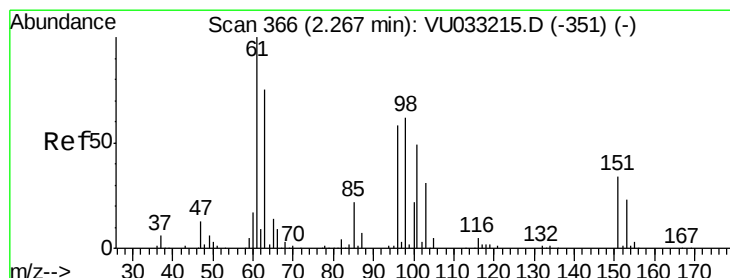
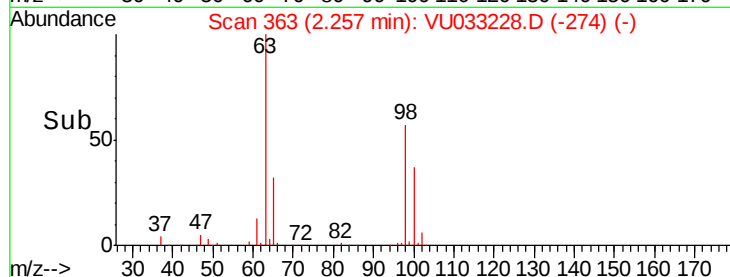
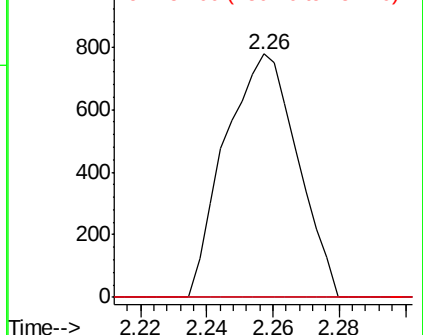
151 0.0 56.7 85.1#



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: 0.723 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033228.D

Acq: 12 Jul 2019 17:45

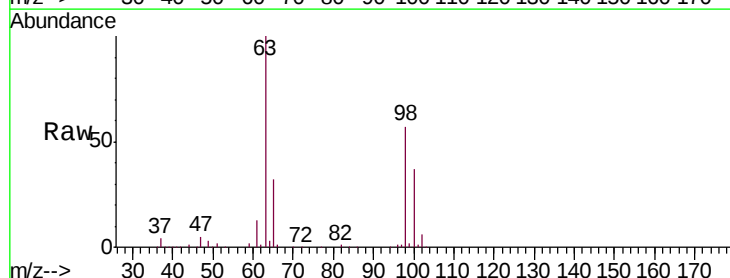
Tgt Ion: 96 Resp: 1458

Ion Ratio Lower Upper

96 100

61 1320.0 126.1 234.1#

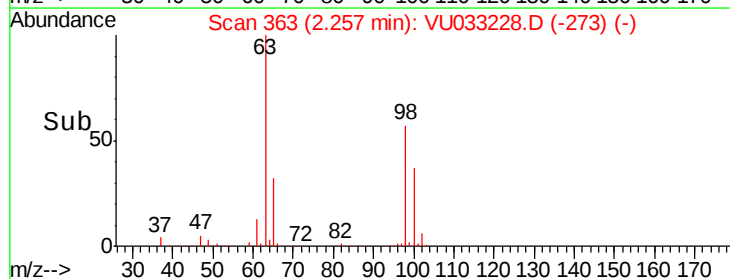
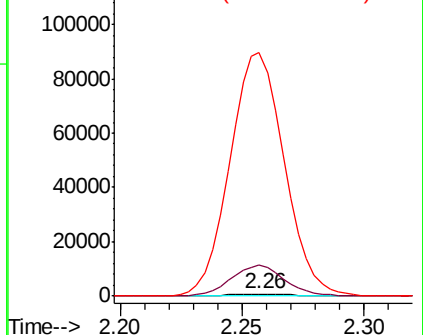
63 10508.8 96.8 179.8#

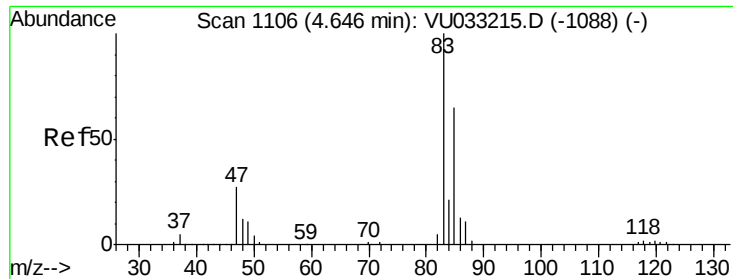


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

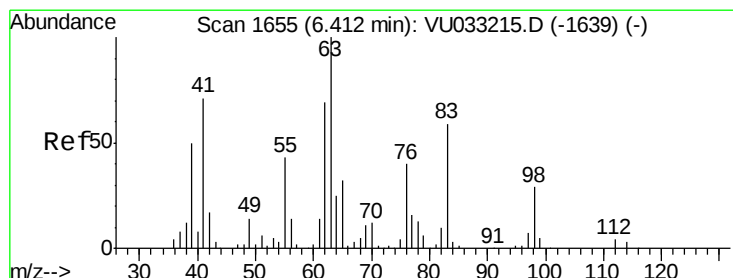
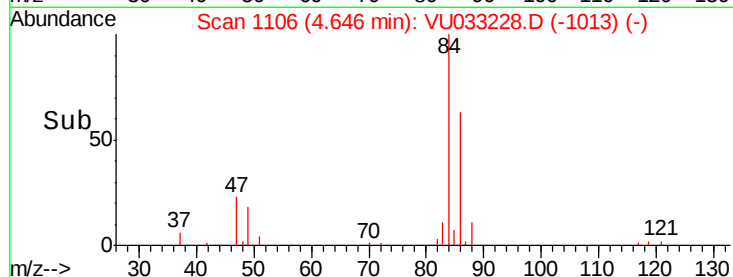
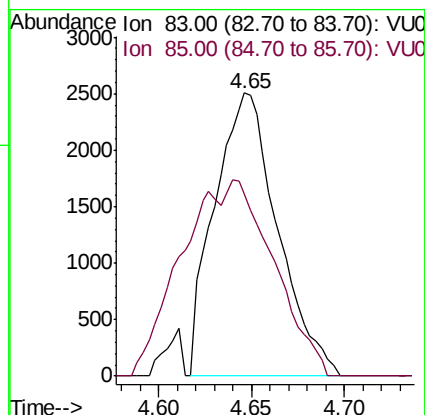
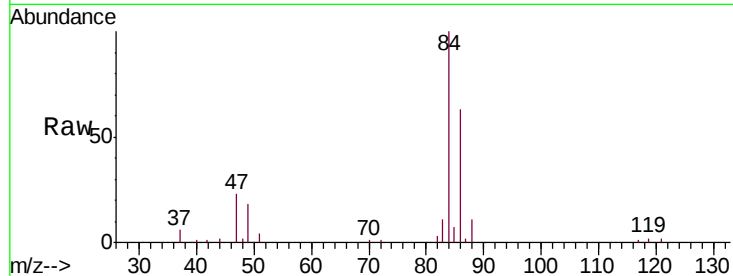




#25
Chloroform
Concen: 1.394 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033228.D
Acq: 12 Jul 2019 17:45

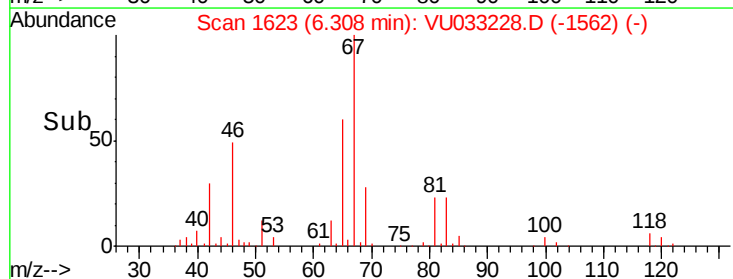
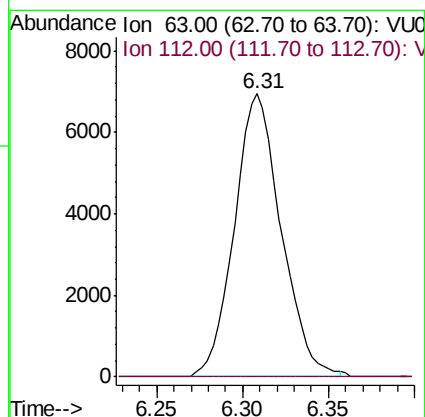
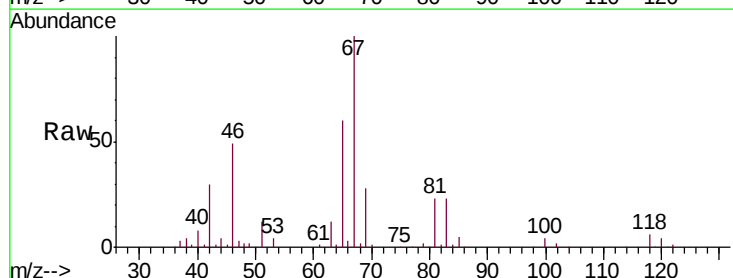
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VHBLK02

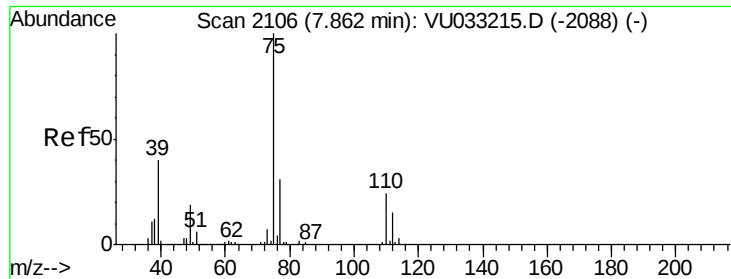
Tgt Ion: 83 Resp: 5942
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.4



#37
1,2-Dichloropropane
Concen: 5.560 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033228.D
Acq: 12 Jul 2019 17:45

Tgt Ion: 63 Resp: 13117
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#44

trans-1,3-Dichloropropene

Concen: 0.713 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033228.D

Acq: 12 Jul 2019 17:45

Instrument :

MSVOA_U

ClientSampleId :

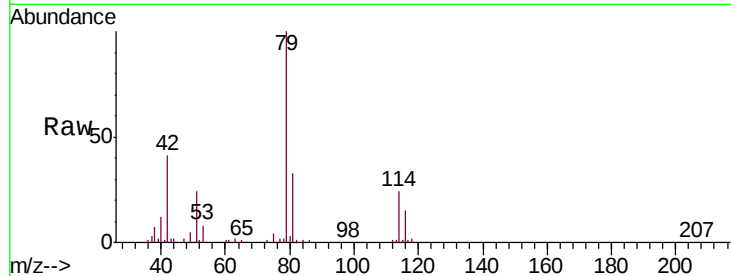
VHBLK02

Tgt Ion: 75 Resp: 2327

Ion Ratio Lower Upper

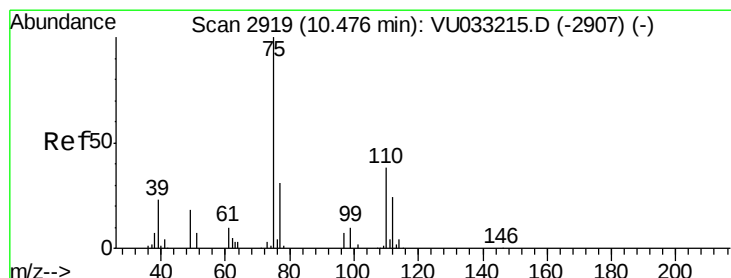
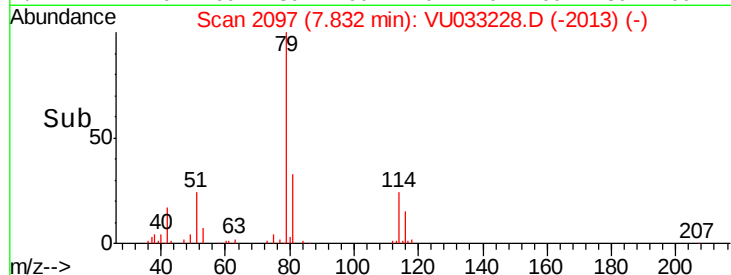
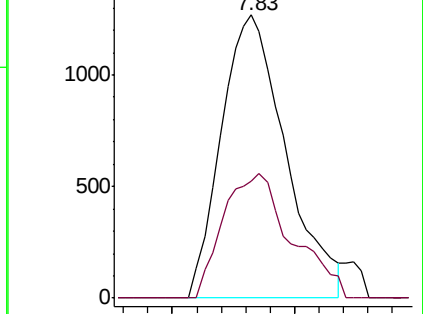
75 100

77 41.4 22.4 41.6



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: 5.526 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033228.D

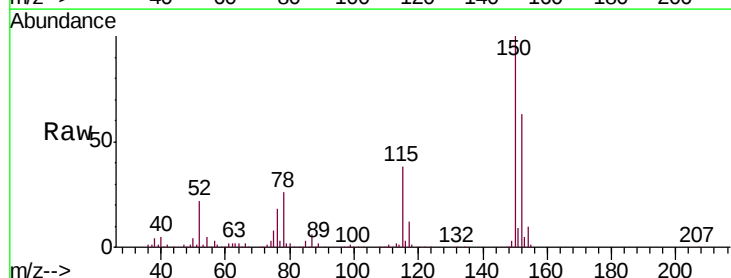
Acq: 12 Jul 2019 17:45

Tgt Ion: 75 Resp: 16972

Ion Ratio Lower Upper

75 100

77 36.7 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

