

Data File : VU029816.D
Acq On : 05 Mar 2019 12:32
Operator : JC/SP
Sample : K1734-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1E4

Quant Time: Mar 06 00:45:16 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	507328	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	493541	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	243881	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152222	40.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.90%
7) Chloroethane-d5	1.68	69	131024	39.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.30%
11) 1,1-Dichloroethene-d2	2.27	63	219720	30.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.48%
21) 2-Butanone-d5	4.17	46	218771	96.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.70%
24) Chloroform-d	4.64	84	271407	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
26) 1,2-Dichloroethane-d4	5.31	65	175696	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
32) Benzene-d6	5.34	84	609596	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
36) 1,2-Dichloropropane-d6	6.32	67	187022	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.10%
41) Toluene-d8	7.56	98	568001	44.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.64%
43) trans-1,3-Dichloropropene-	7.85	79	86604	43.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.40%
47) 2-Hexanone-d5	8.31	63	182885	87.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	279706	44.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	233993	44.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.04%

Target Compounds

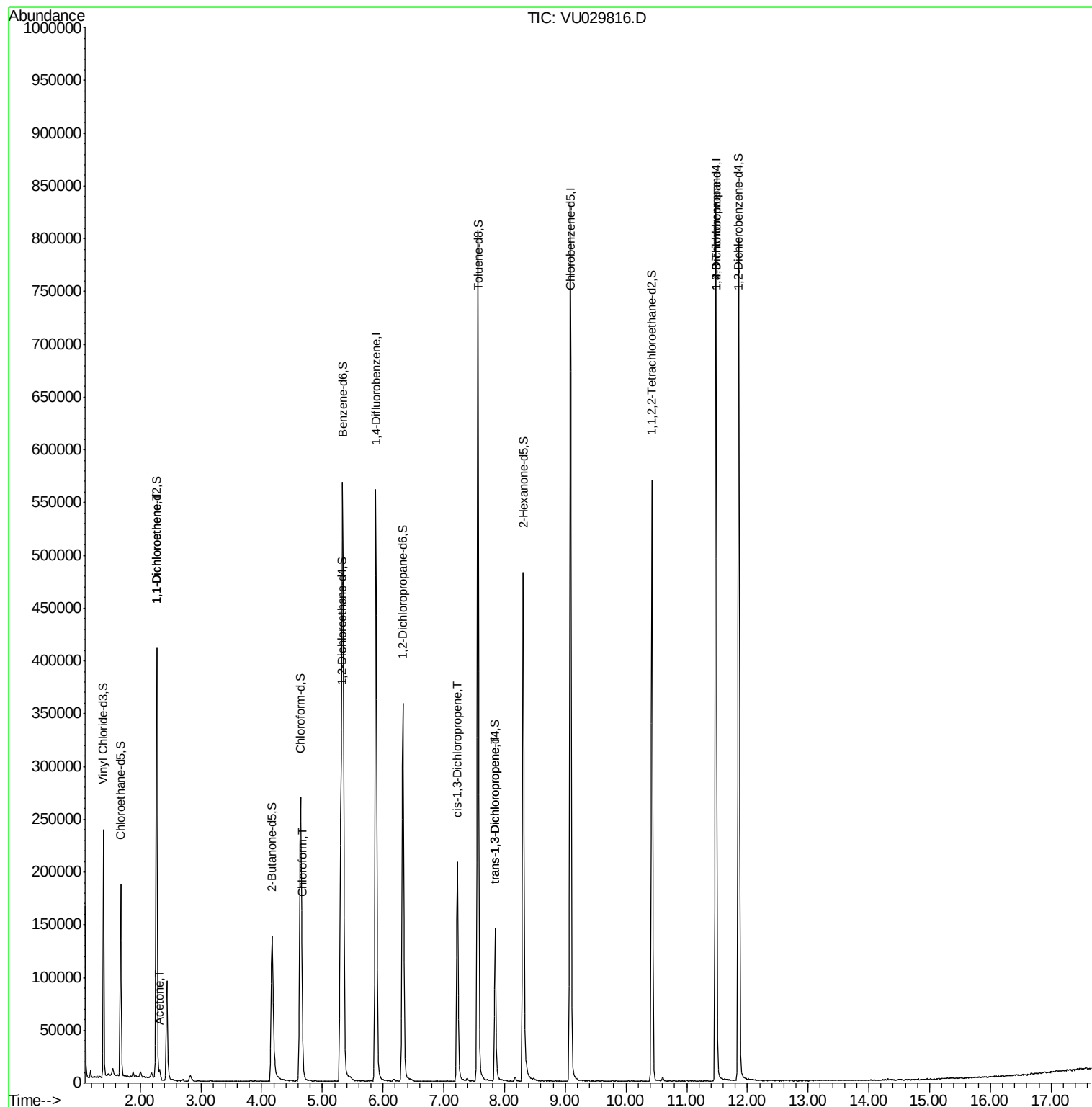
					Qvalue
12) 1,1-Dichloroethene	2.27	96	1908	0.568 ug/L #	1
13) Acetone	2.32	43	8310	3.438 ug/L	94
25) Chloroform	4.67	83	15979	2.671 ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	4951	0.924 ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	3186	0.631 ug/L	86
59) 1,2,3-Trichloropropane	11.48	75	23049	4.867 ug/L	90

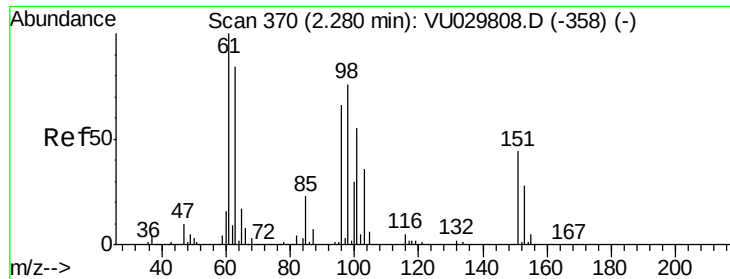
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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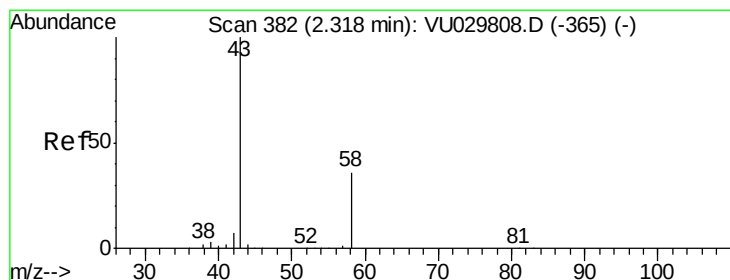
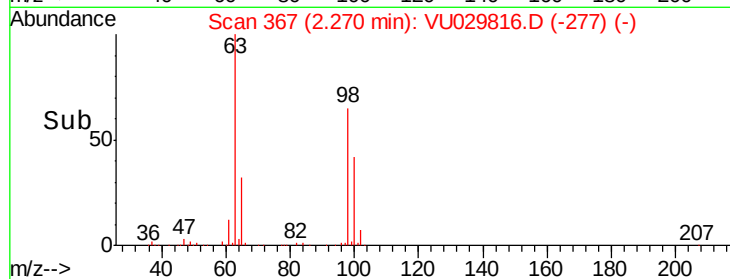
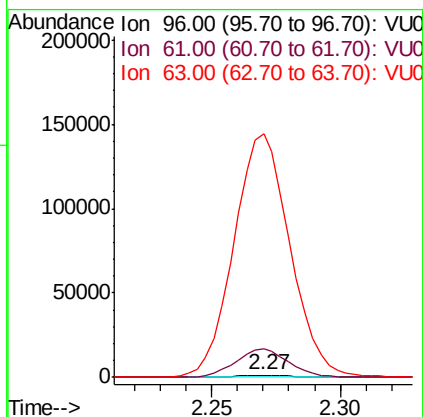
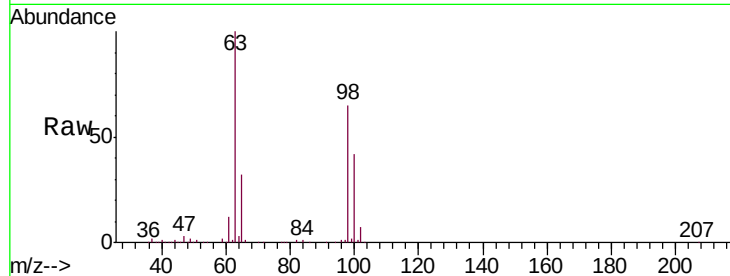




#12
 1,1-Dichloroethene
 Concen: 0.568 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU029816.D
 Acq: 05 Mar 2019 12:32

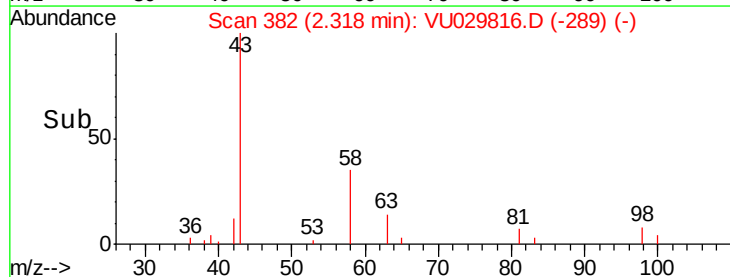
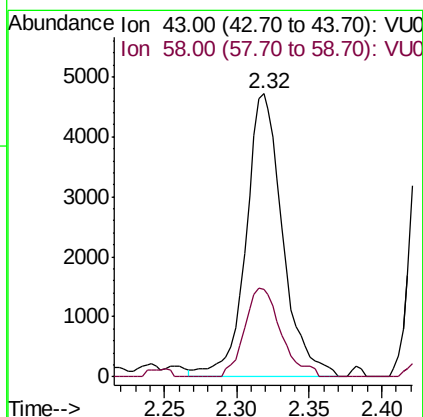
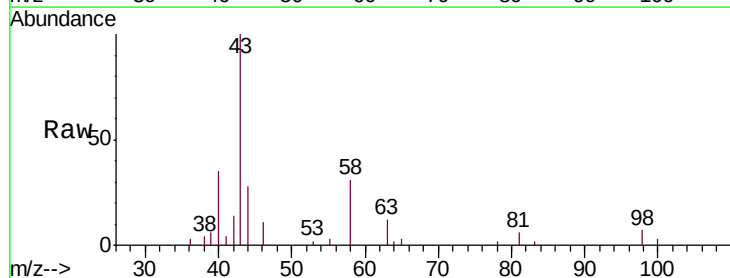
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1E4

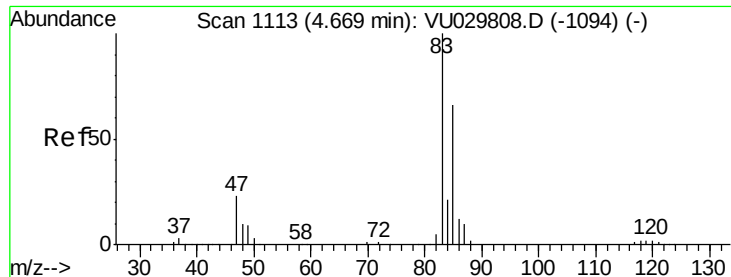
Tgt Ion: 96 Resp: 1908
 Ion Ratio Lower Upper
 96 100
 61 1382.5 114.0 211.8#
 63 11781.2 98.7 183.3#



#13
 Acetone
 Concen: 3.438 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU029816.D
 Acq: 05 Mar 2019 12:32

Tgt Ion: 43 Resp: 8310
 Ion Ratio Lower Upper
 43 100
 58 29.8 0.0 66.8

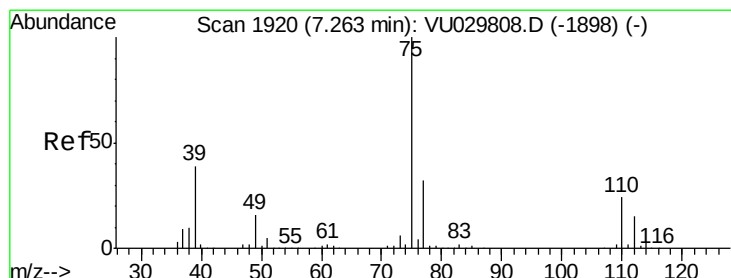
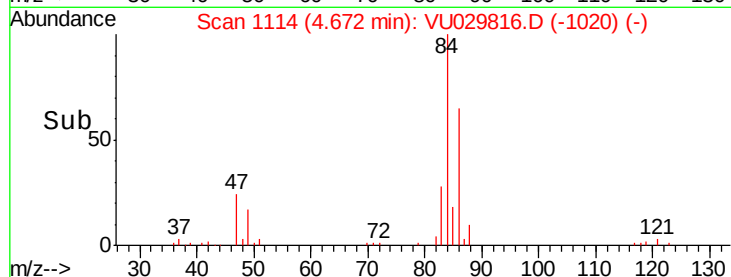
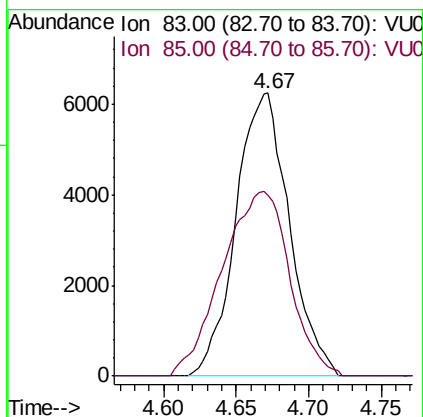
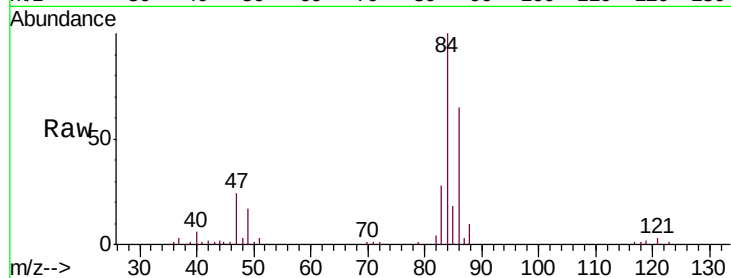




#25
Chloroform
Concen: 2.671 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029816.D
Acq: 05 Mar 2019 12:32

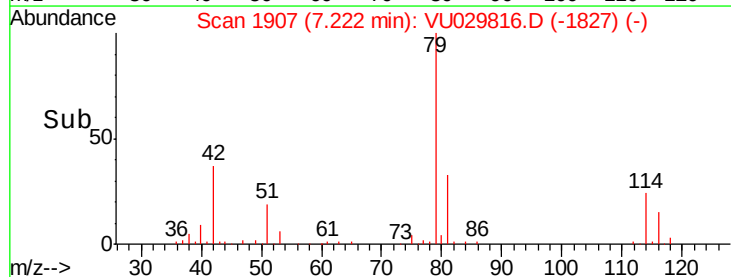
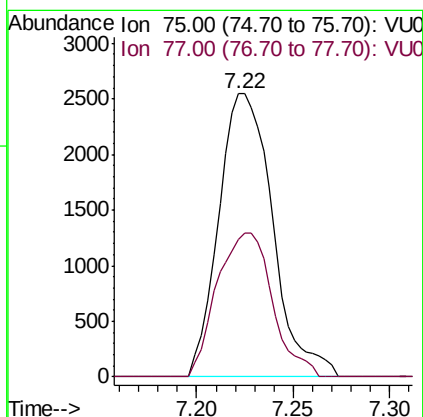
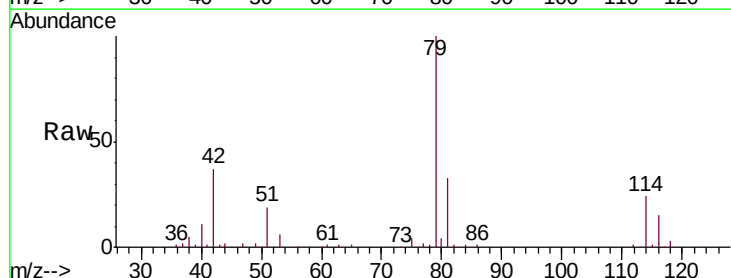
Instrument :
MSVOA_U
ClientSampleId :
BF1E4

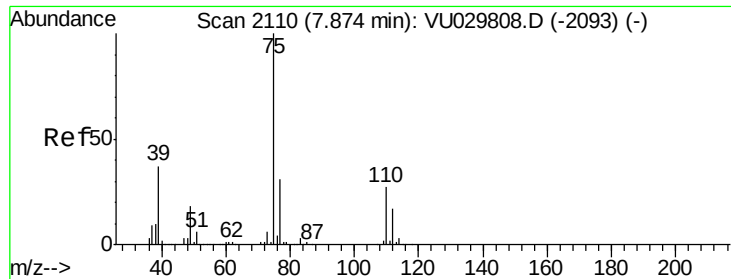
Tgt Ion: 83 Resp: 15979
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.2



#39
cis-1,3-Dichloropropene
Concen: 0.924 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU029816.D
Acq: 05 Mar 2019 12:32

Tgt Ion: 75 Resp: 4951
Ion Ratio Lower Upper
75 100
77 48.4 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.631 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029816.D

Acq: 05 Mar 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

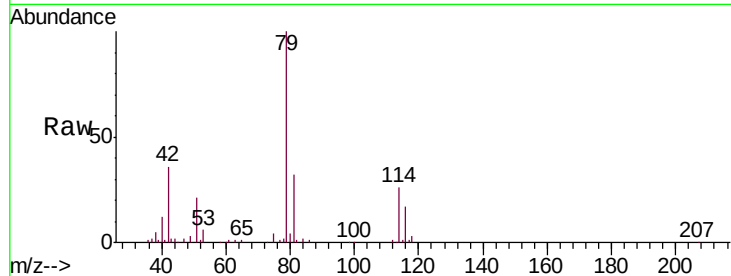
BF1E4

Tgt Ion: 75 Resp: 3186

Ion Ratio Lower Upper

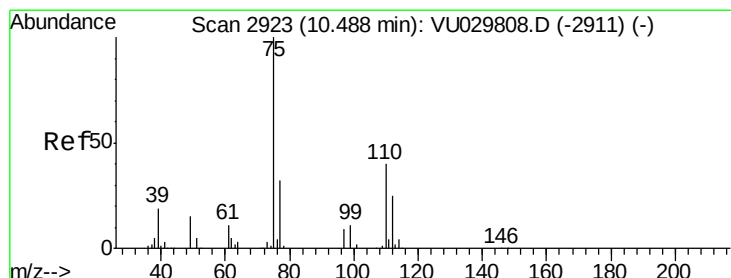
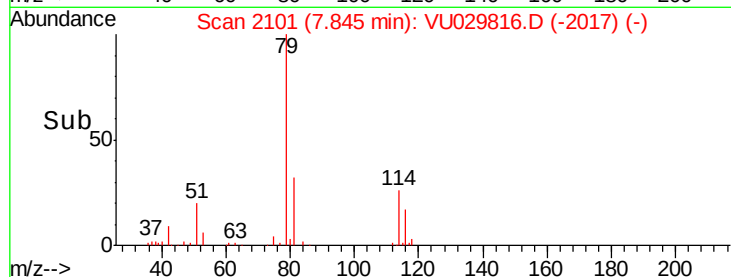
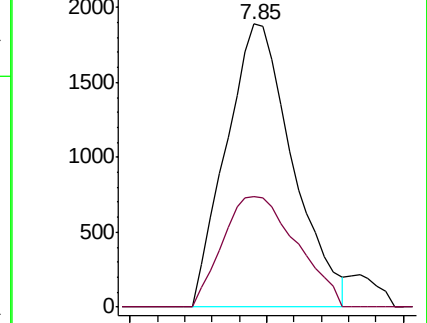
75 100

77 39.2 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: 4.867 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029816.D

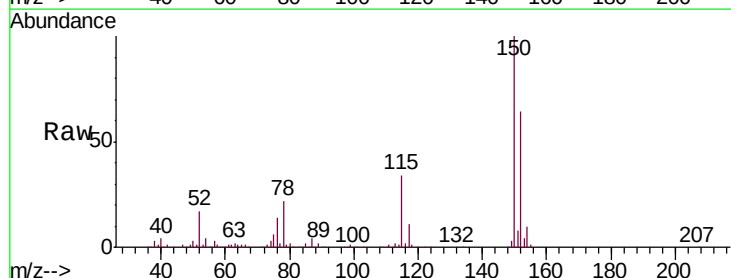
Acq: 05 Mar 2019 12:32

Tgt Ion: 75 Resp: 23049

Ion Ratio Lower Upper

75 100

77 37.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

