

Data File : VU029617.D
Acq On : 22 Feb 2019 13:49
Operator : JC/SP
Sample : K1543-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5Y5

Quant Time: Feb 22 22:18:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	472324	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	457117	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220377	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	146180	42.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.48%
7) Chloroethane-d5	1.68	69	130773	42.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.27	63	195295	28.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.74%#
21) 2-Butanone-d5	4.17	46	248067	117.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.78%
24) Chloroform-d	4.65	84	267497	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
26) 1,2-Dichloroethane-d4	5.31	65	171527	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
32) Benzene-d6	5.34	84	582332	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
36) 1,2-Dichloropropane-d6	6.33	67	175928	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.68%
41) Toluene-d8	7.56	98	540921	46.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.16%
43) trans-1,3-Dichloropropene-	7.85	79	82275	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.64%
47) 2-Hexanone-d5	8.31	63	227992	118.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	281194	48.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	231911	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds

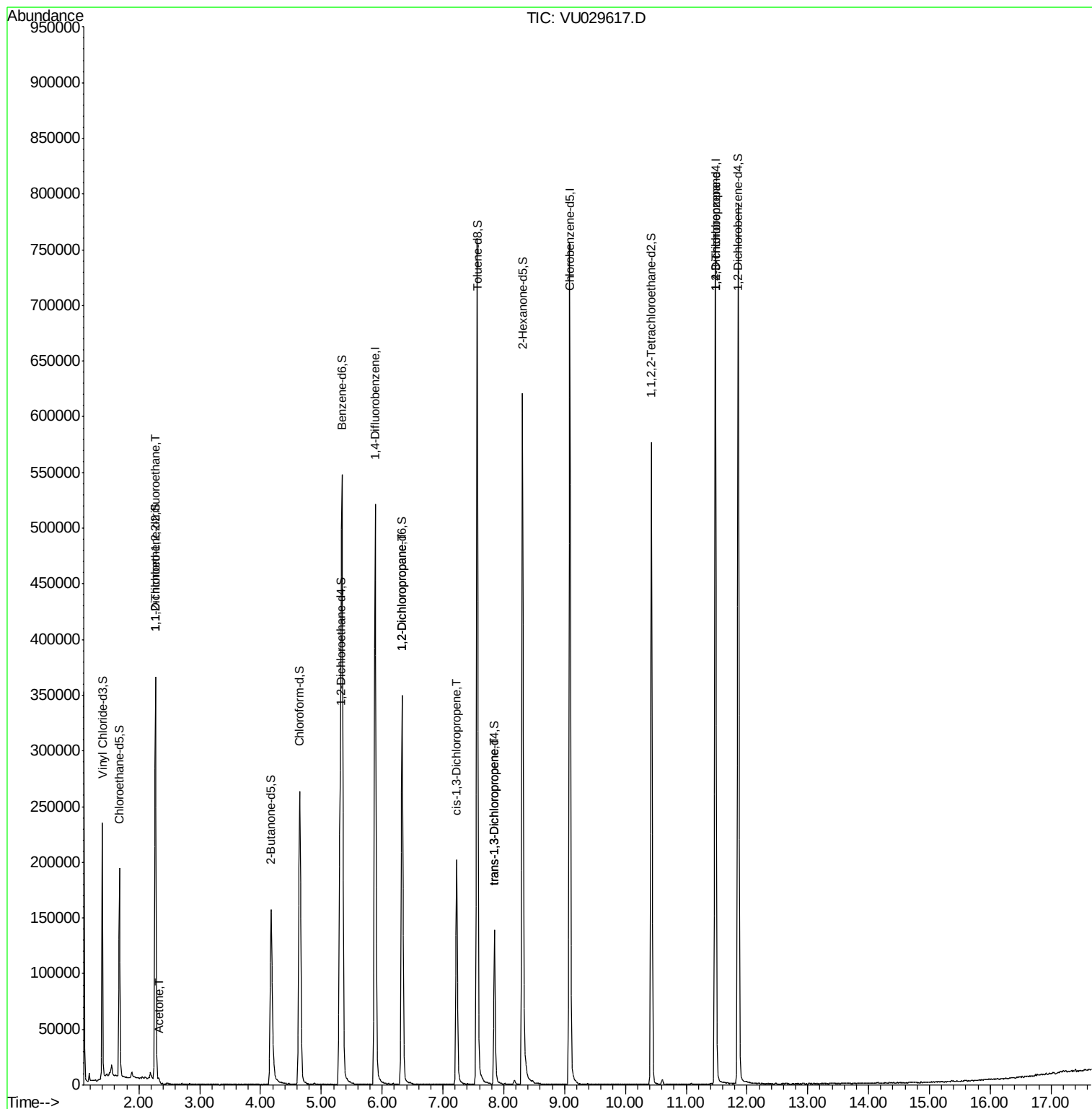
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1980	0.602	ug/L #	17
13) Acetone	2.32	43	2139	0.950	ug/L	93
37) 1,2-Dichloropropane	6.33	63	18844	6.125	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	4718	0.951	ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	3594	0.768	ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	21894	4.991	ug/L	93

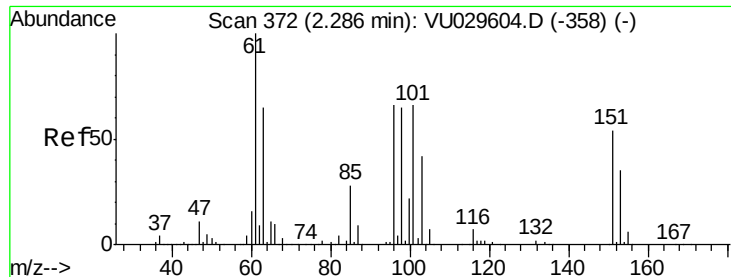
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.602 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Acq: 22 Feb 2019 13:49

Instrument :

MSVOA_U

ClientSampleId :

BF5Y5

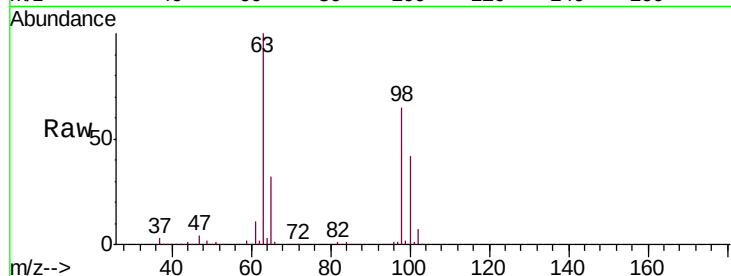
Tgt Ion:101 Resp: 1980

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

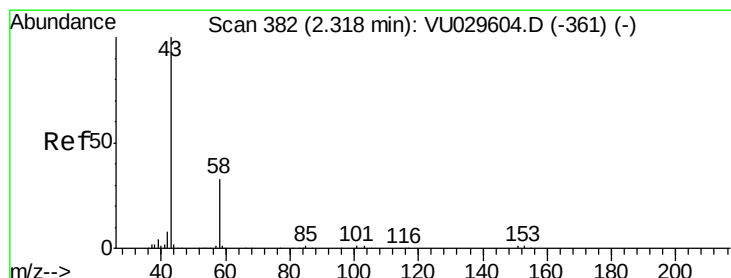
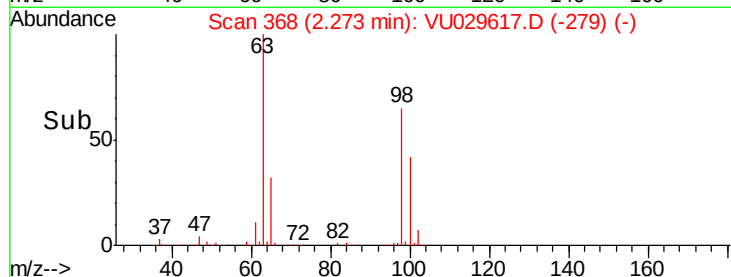
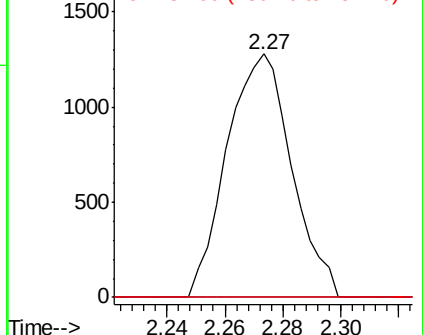
151 0.0 65.7 98.5#



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



#13

Acetone

Concen: 0.950 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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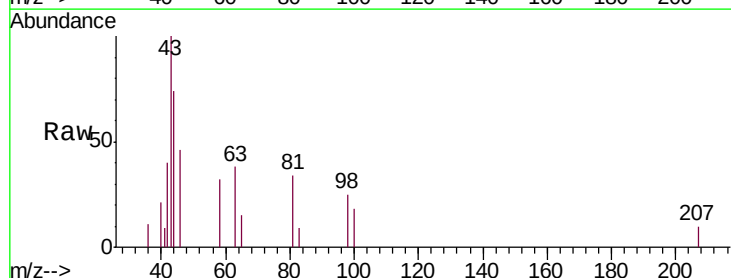
Acq: 22 Feb 2019 13:49

Tgt Ion: 43 Resp: 2139

Ion Ratio Lower Upper

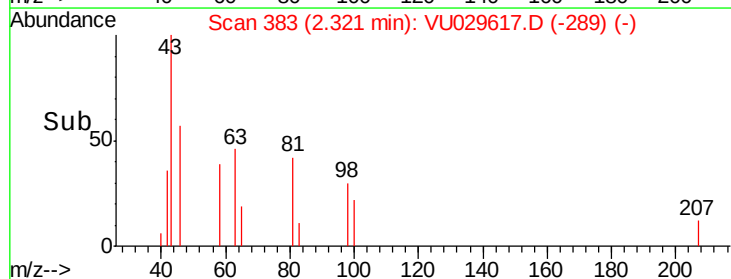
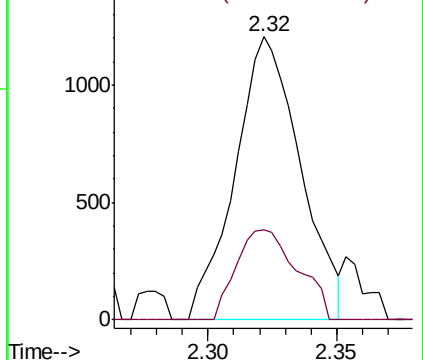
43 100

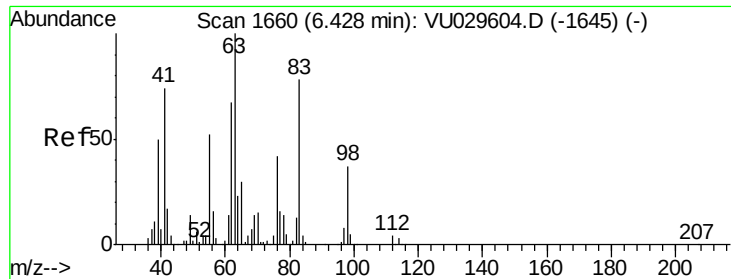
58 29.6 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

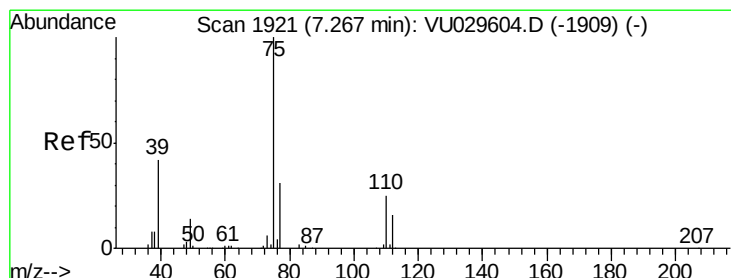
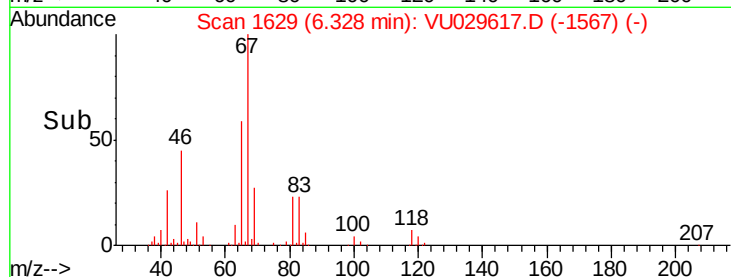
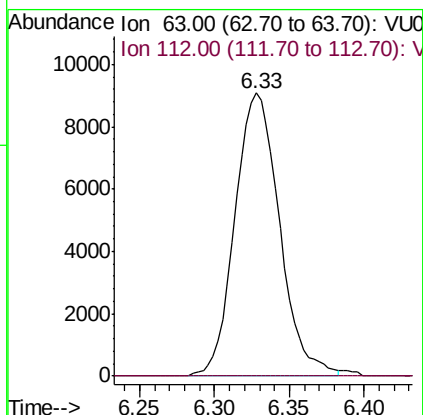
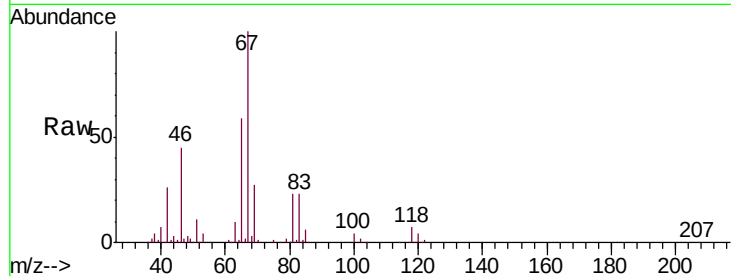




#37
 1,2-Dichloropropane
 Concen: 6.125 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029617.D
 Acq: 22 Feb 2019 13:49

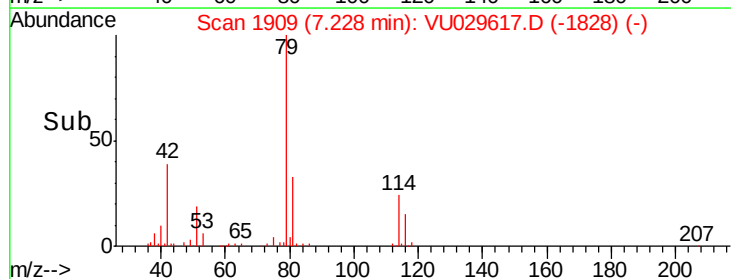
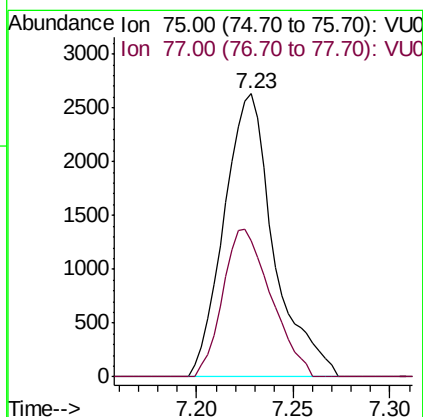
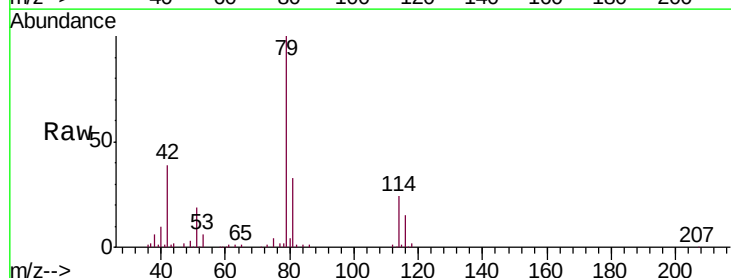
Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Y5

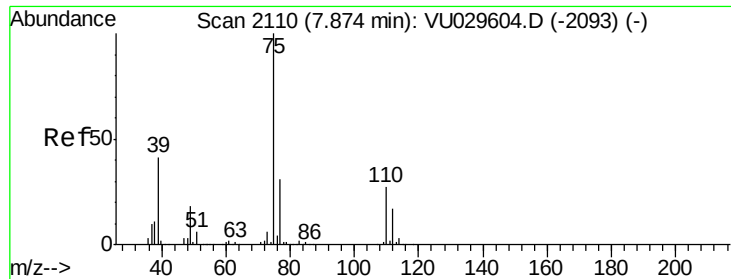
Tgt Ion: 63 Resp: 18844
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.951 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029617.D
 Acq: 22 Feb 2019 13:49

Tgt Ion: 75 Resp: 4718
 Ion Ratio Lower Upper
 75 100
 77 48.1 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.768 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029617.D

Acq: 22 Feb 2019 13:49

Instrument :

MSVOA_U

ClientSampleId :

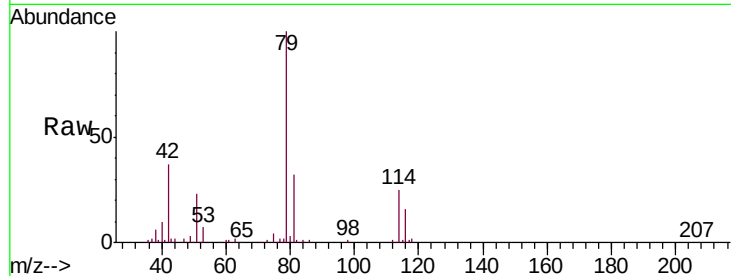
BF5Y5

Tgt Ion: 75 Resp: 3594

Ion Ratio Lower Upper

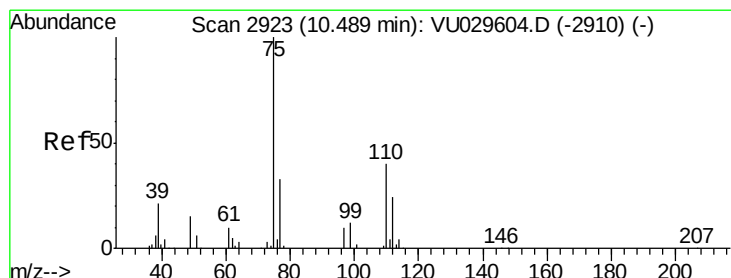
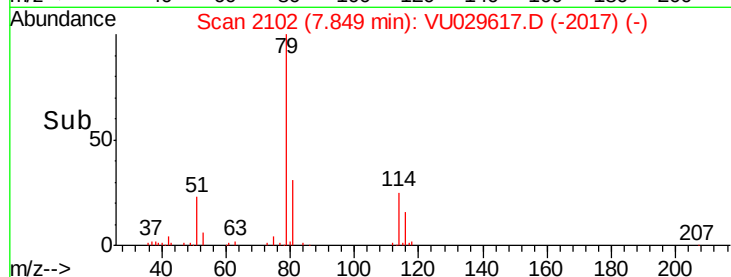
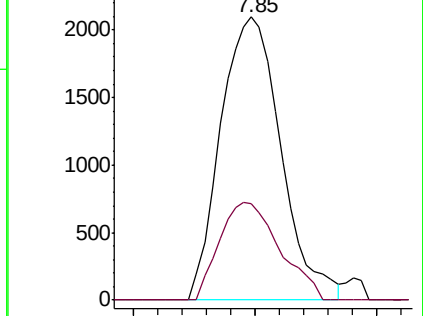
75 100

77 34.2 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: 4.991 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029617.D

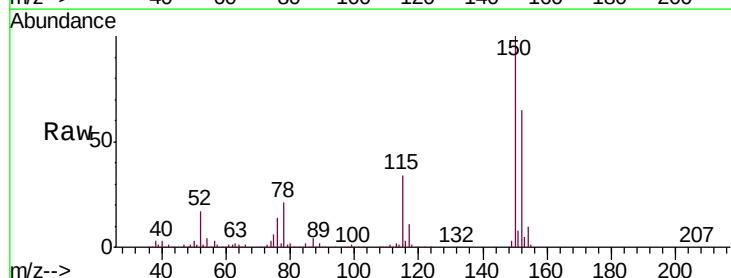
Acq: 22 Feb 2019 13:49

Tgt Ion: 75 Resp: 21894

Ion Ratio Lower Upper

75 100

77 35.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

