

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030019.D
 Acq On : 13 Mar 2019 10:32
 Operator : JC/SP
 Sample : K1838-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1E9

Quant Time: Mar 14 01:39:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 01:36:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	517792	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	488681	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233172	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153791	44.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.80%
7) Chloroethane-d5	1.68	69	129116	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.27	63	216803	35.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.14%
21) 2-Butanone-d5	4.17	46	223955	87.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.28%
24) Chloroform-d	4.65	84	286607	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
26) 1,2-Dichloroethane-d4	5.31	65	168722	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
32) Benzene-d6	5.34	84	618665	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
36) 1,2-Dichloropropane-d6	6.33	67	191987	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.74%
41) Toluene-d8	7.56	98	566719	48.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.22%
43) trans-1,3-Dichloropropene-	7.85	79	87466	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.80%
47) 2-Hexanone-d5	8.31	63	203946	94.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	281509	47.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	224268	49.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.30%

Target Compounds

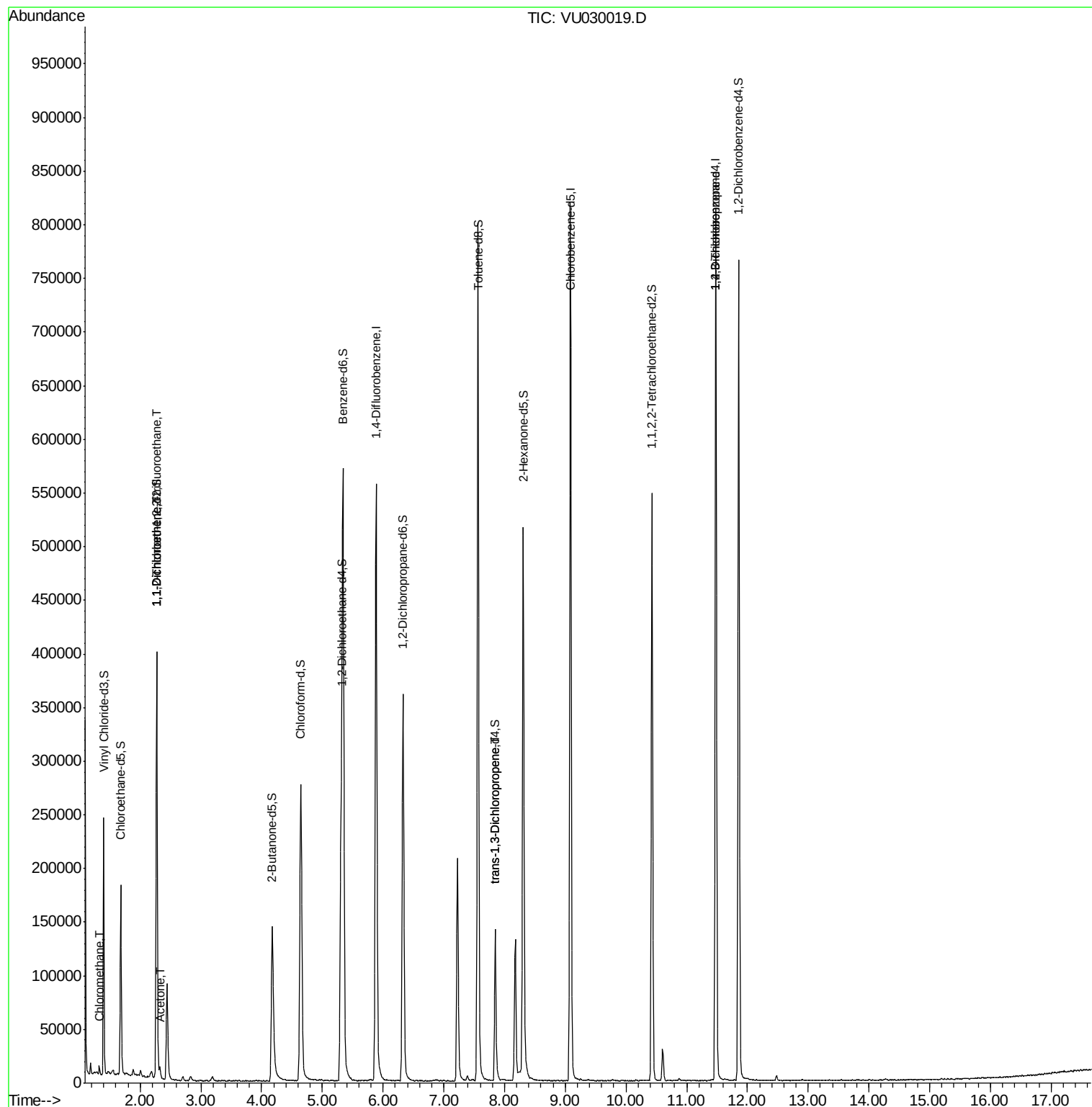
					Qvalue
3) Chloromethane	1.33	50	5391	1.494 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2501	0.735 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1878	0.579 ug/L #	1
13) Acetone	2.32	43	8881	2.960 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3664	0.701 ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	24094	5.030 ug/L	94

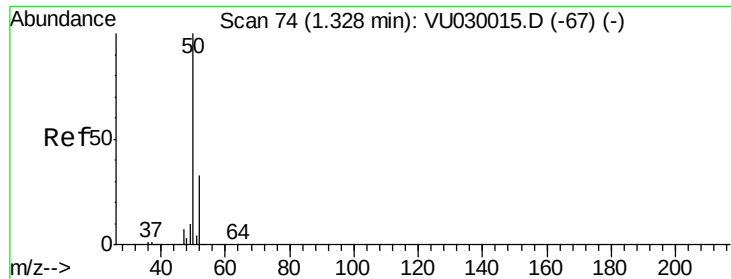
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.494 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU030019.D

Acq: 13 Mar 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

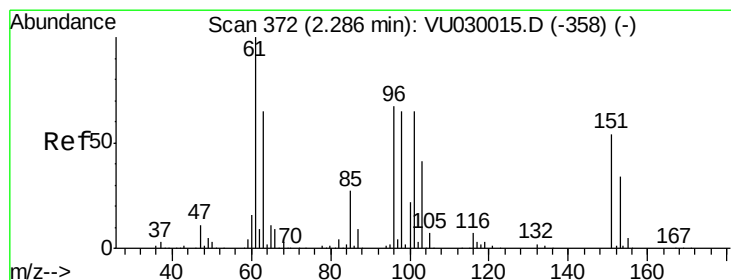
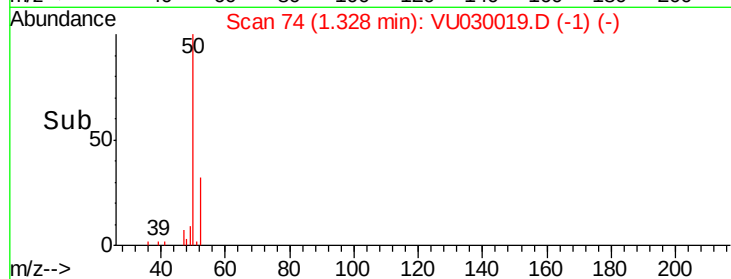
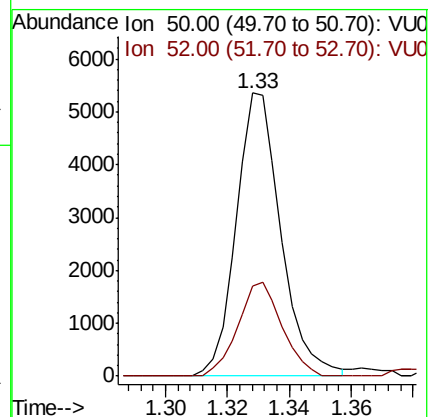
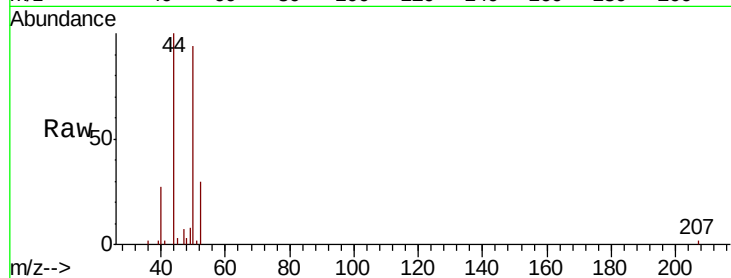
BF1E9

Tgt Ion: 50 Resp: 5391

Ion Ratio Lower Upper

50 100

52 32.0 23.4 43.6



#10

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

Concen: 0.735 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030019.D

Acq: 13 Mar 2019 10:32

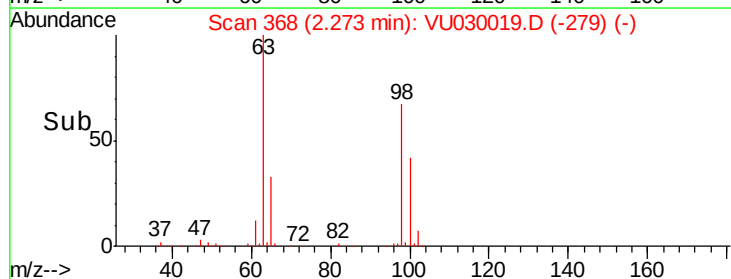
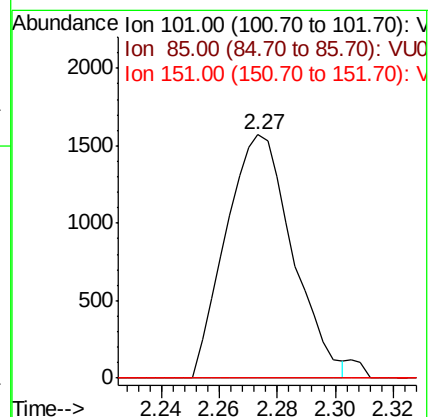
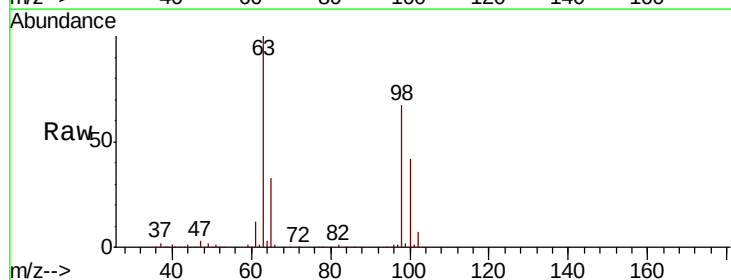
Tgt Ion: 101 Resp: 2501

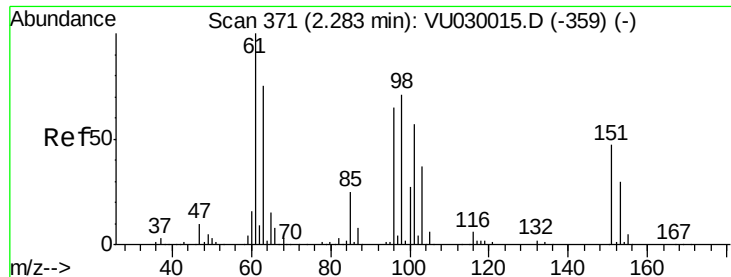
Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

151 0.0 66.1 99.1#

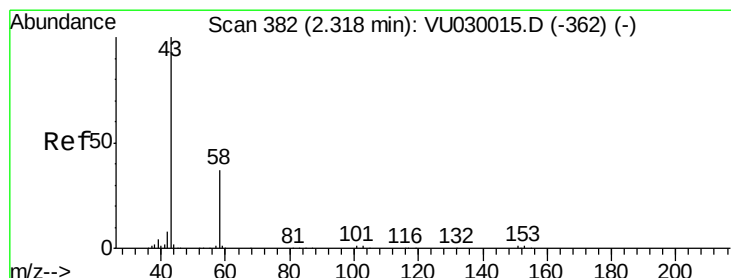
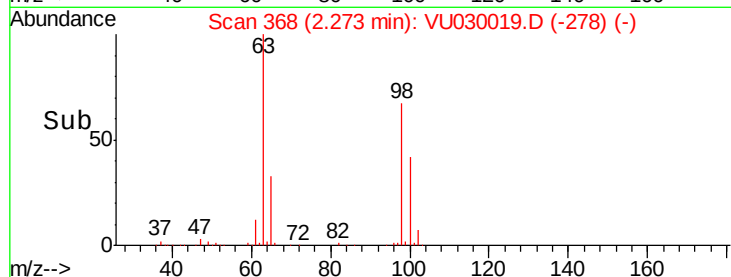
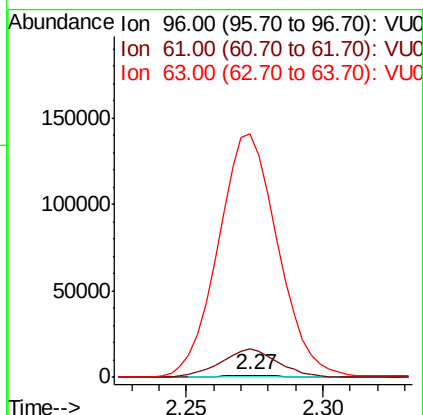
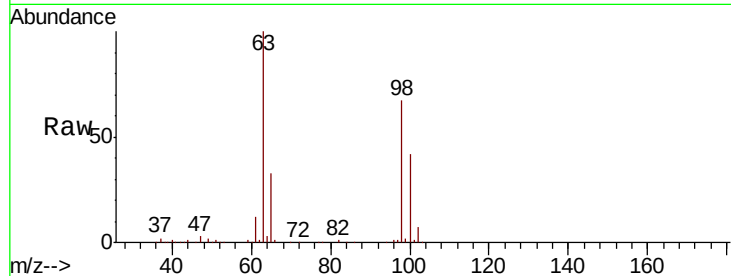




#12
 1,1-Dichloroethene
 Concen: 0.579 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU030019.D
 Acq: 13 Mar 2019 10:32

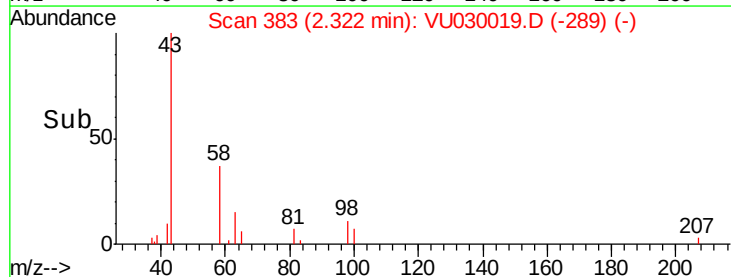
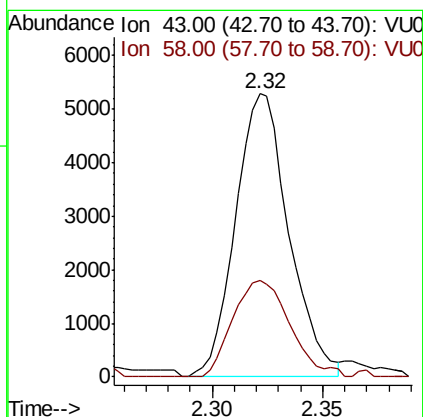
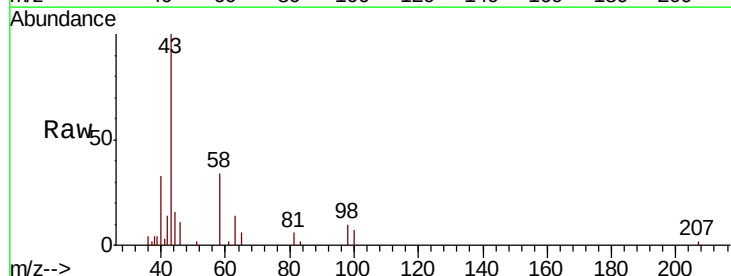
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1E9

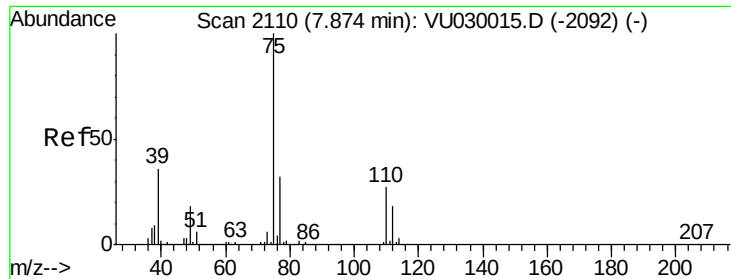
Tgt Ion: 96 Resp: 1878
 Ion Ratio Lower Upper
 96 100
 61 1253.1 110.4 205.0#
 63 10882.5 86.5 160.7#



#13
 Acetone
 Concen: 2.960 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU030019.D
 Acq: 13 Mar 2019 10:32

Tgt Ion: 43 Resp: 8881
 Ion Ratio Lower Upper
 43 100
 58 35.7 0.0 73.0





#44

trans-1,3-Dichloropropene

Concen: 0.701 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030019.D

Acq: 13 Mar 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

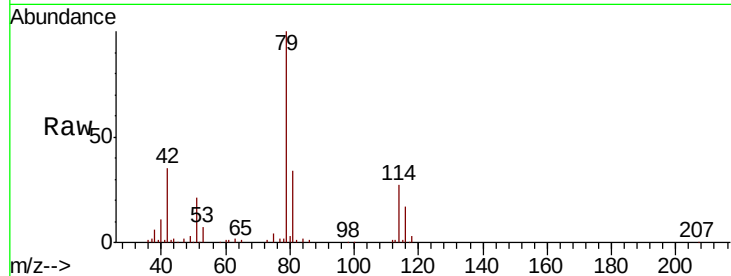
BF1E9

Tgt Ion: 75 Resp: 3664

Ion Ratio Lower Upper

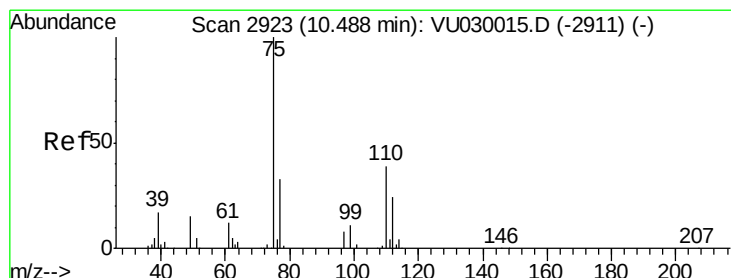
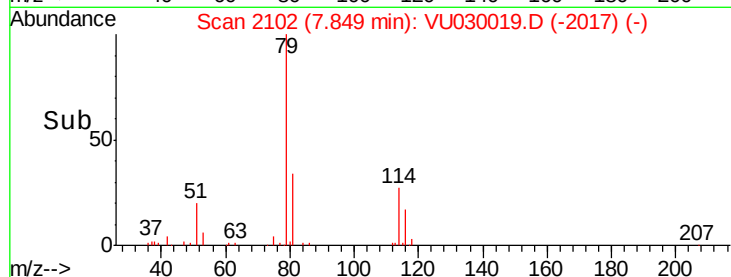
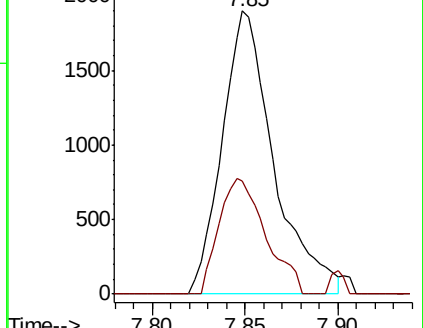
75 100

77 40.1 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU030015.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU030015.D (-2092) (-)



#59

1,2,3-Trichloropropane

Concen: 5.030 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030019.D

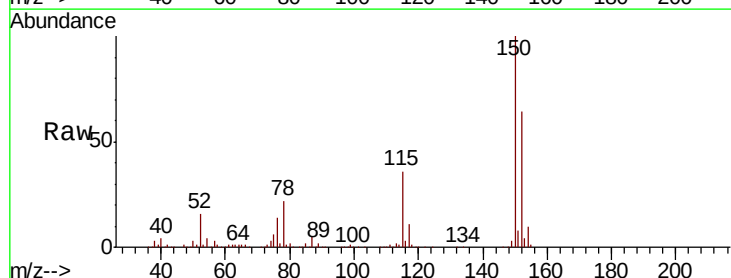
Acq: 13 Mar 2019 10:32

Tgt Ion: 75 Resp: 24094

Ion Ratio Lower Upper

75 100

77 35.4 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU030015.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU030015.D (-2911) (-)

