

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031027.D
 Acq On : 10 Apr 2019 21:29
 Operator : JC/SP
 Sample : K2299-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6Z3

Quant Time: Apr 11 05:24:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	424708	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	433885	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	177190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	207914	54.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.68%
7) Chloroethane-d5	1.68	69	165837	57.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.26%
11) 1,1-Dichloroethene-d2	2.27	63	291779	42.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.10%
21) 2-Butanone-d5	4.17	46	338911	112.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.79%
24) Chloroform-d	4.64	84	327705	56.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.16%
26) 1,2-Dichloroethane-d4	5.30	65	227086	57.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.92%
32) Benzene-d6	5.34	84	679481	53.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.28%
36) 1,2-Dichloropropane-d6	6.32	67	223505	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.98%
41) Toluene-d8	7.56	98	580103	51.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.34%
43) trans-1,3-Dichloropropene-	7.85	79	99353	50.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.38%
47) 2-Hexanone-d5	8.31	63	199907	100.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309824	52.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	205822	59.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.12%

Target Compounds

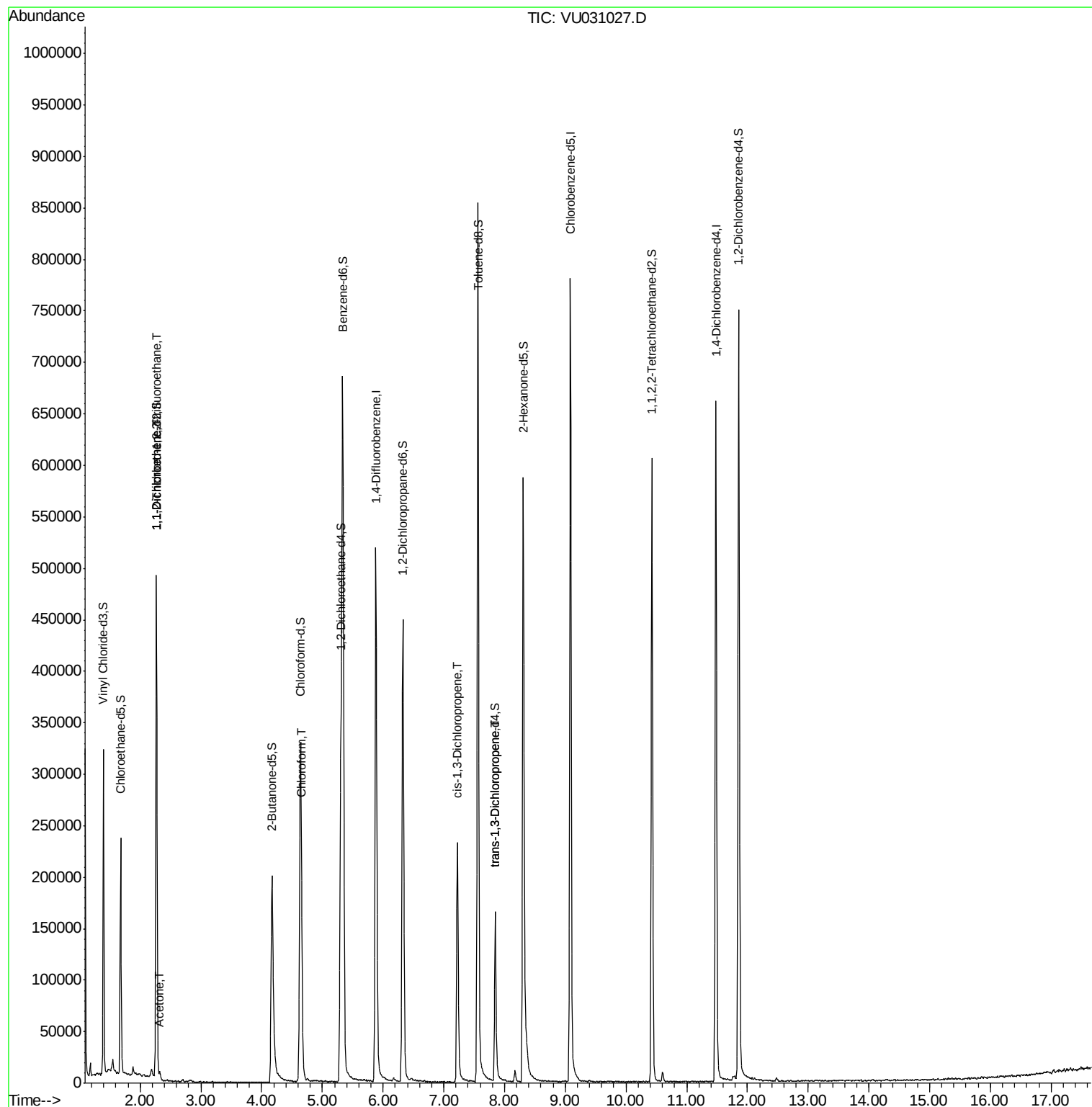
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2482	0.816 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2130	0.726 ug/L #	1
13) Acetone	2.32	43	4308	1.401 ug/L	93
25) Chloroform	4.67	83	17898	2.768 ug/L	87
39) cis-1,3-Dichloropropene	7.22	75	6002	1.049 ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	3115	0.618 ug/L	94

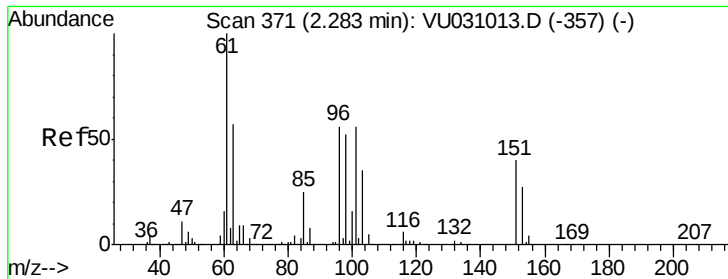
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.816 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031027.D

Acq: 10 Apr 2019 21:29

Instrument :

MSVOA_U

ClientSampleId :

DB6Z3

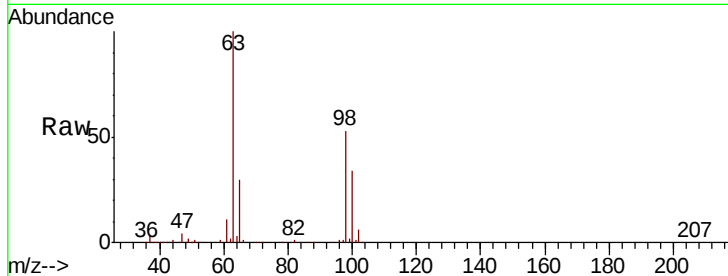
Tot Ion:101 Resp: 2482

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

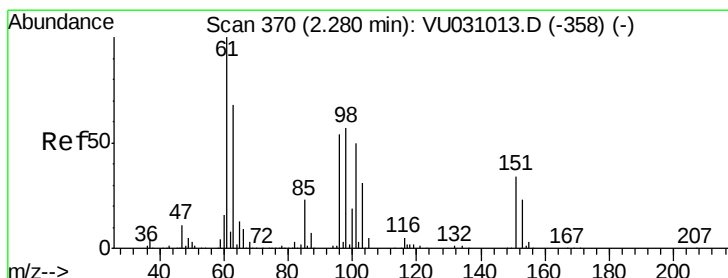
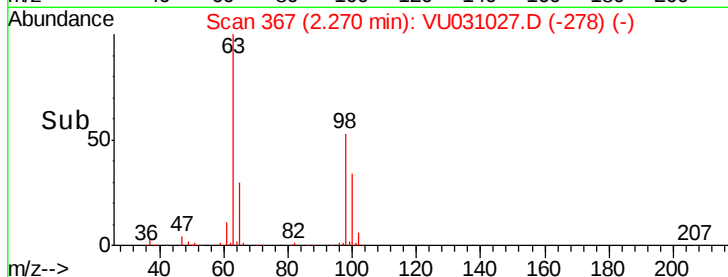
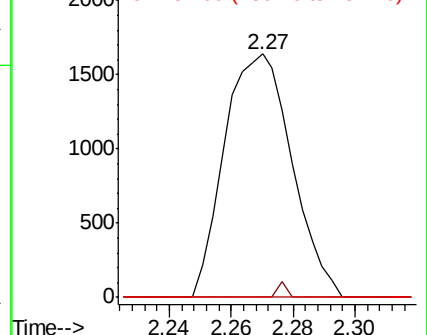
151 0.0 57.4 86.0#



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: 0.726 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031027.D

Acq: 10 Apr 2019 21:29

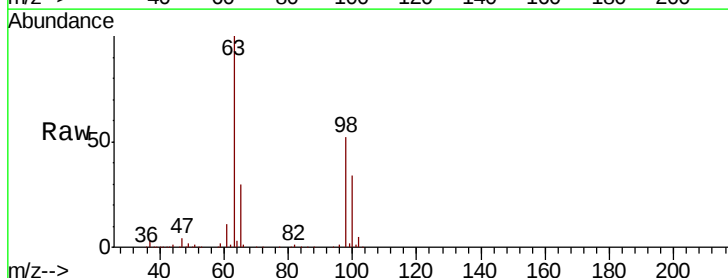
Tgt Ion: 96 Resp: 2130

Ion Ratio Lower Upper

96 100

61 1438.6 132.0 245.2#

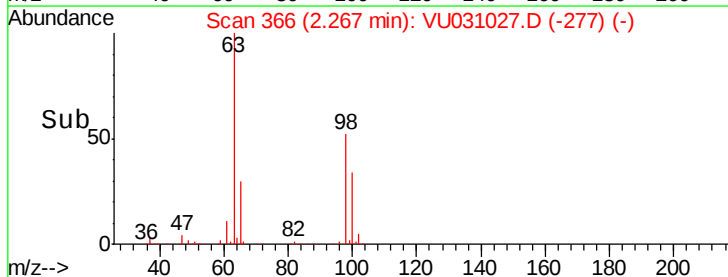
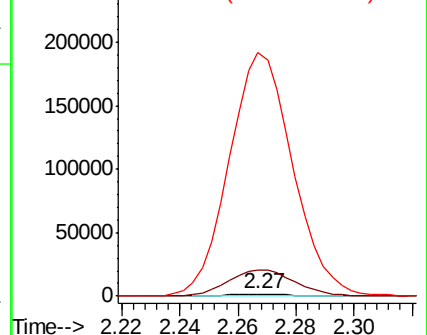
63 13214.3 90.9 168.9#

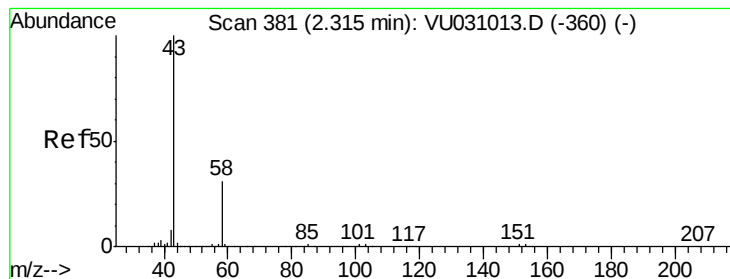


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.401 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031027.D

Acq: 10 Apr 2019 21:29

Instrument :

MSVOA_U

ClientSampled :

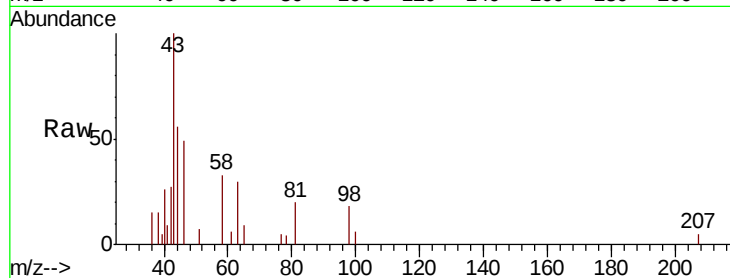
DB6Z3

Tot Ion: 43 Resp: 4308

Ion Ratio Lower Upper

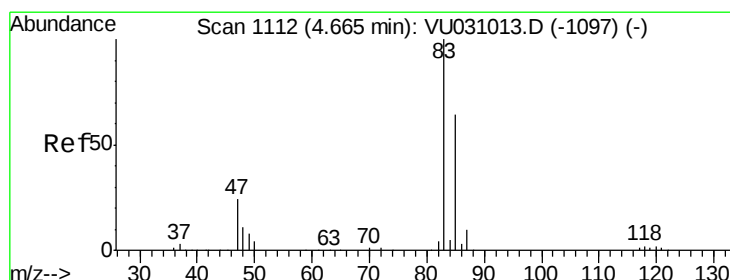
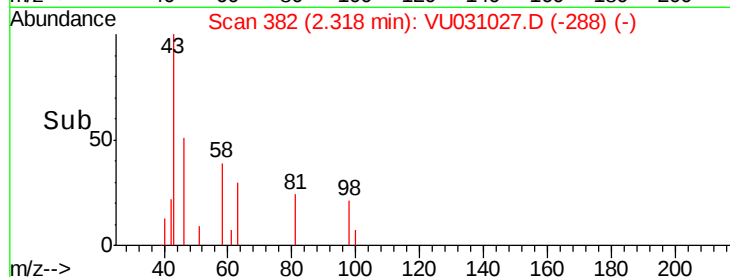
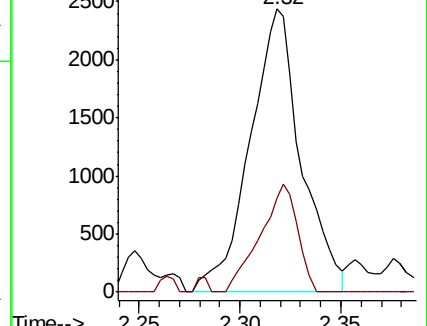
43 100

58 27.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031013.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU031013.D (-360) (-)



#25

Chloroform

Concen: 2.768 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU031027.D

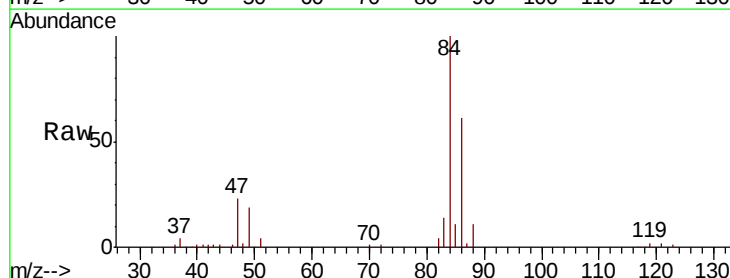
Acq: 10 Apr 2019 21:29

Tgt Ion: 83 Resp: 17898

Ion Ratio Lower Upper

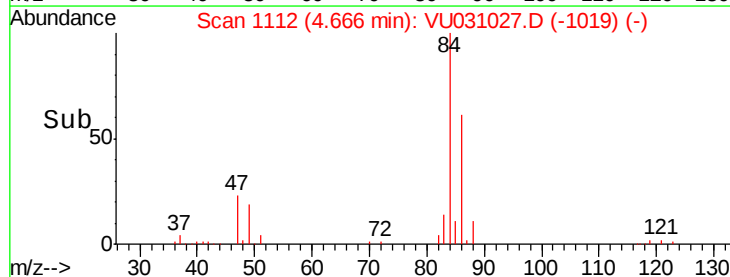
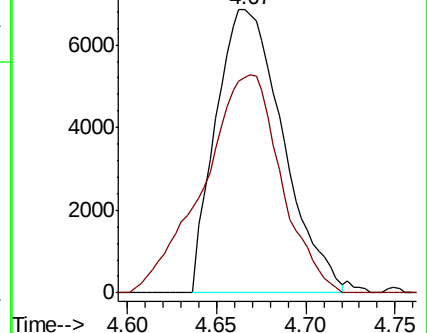
83 100

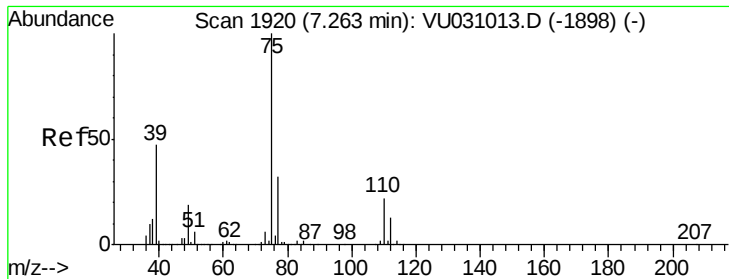
85 76.0 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031013.D (-1097) (-)

Ion 85.00 (84.70 to 85.70): VU031013.D (-1097) (-)





#39

cis-1,3-Dichloropropene

Concen: 1.049 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU031027.D

Acq: 10 Apr 2019 21:29

Instrument :

MSVOA_U

ClientSampleId :

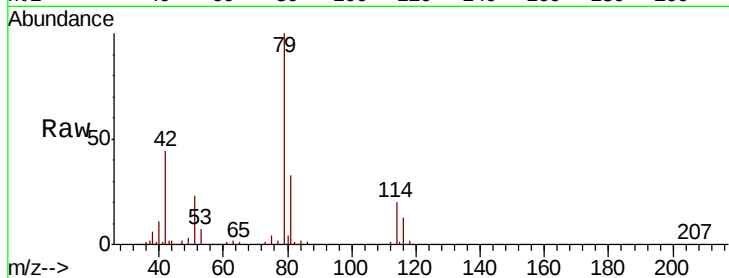
DB6Z3

Tot Ion: 75 Resp: 6002

Ion Ratio Lower Upper

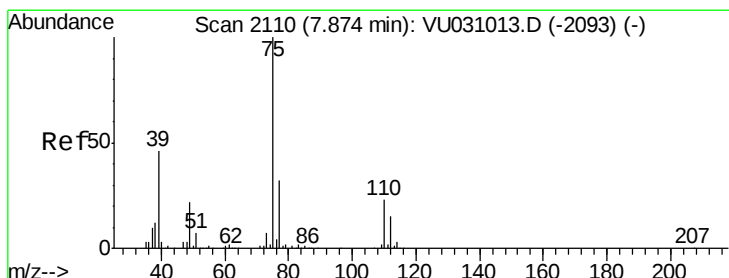
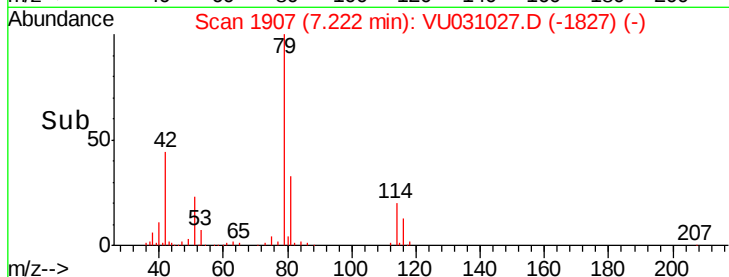
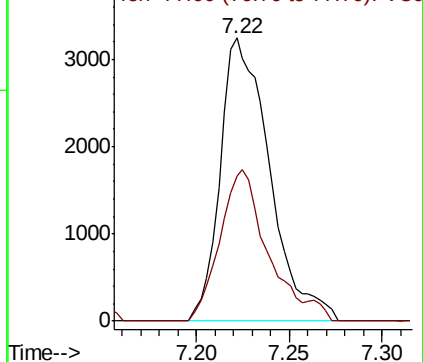
75 100

77 51.2 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.618 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031027.D

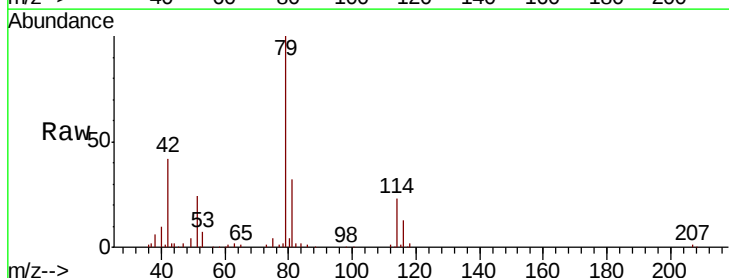
Acq: 10 Apr 2019 21:29

Tgt Ion: 75 Resp: 3115

Ion Ratio Lower Upper

75 100

77 27.7 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

