

Data File : VU029620.D
Acq On : 22 Feb 2019 14:58
Operator : JC/SP
Sample : K1581-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB617

Quant Time: Feb 22 22:18:44 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	467301	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	453532	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	226427	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135141	39.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.94%
7) Chloroethane-d5	1.68	69	123008	40.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.82%
11) 1,1-Dichloroethene-d2	2.27	63	195423	29.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.40%#
21) 2-Butanone-d5	4.17	46	205029	98.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.39%
24) Chloroform-d	4.65	84	260252	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	5.31	65	168219	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
32) Benzene-d6	5.34	84	544746	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.46%
36) 1,2-Dichloropropane-d6	6.33	67	168474	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.14%
41) Toluene-d8	7.56	98	504315	43.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.85	79	79685	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.50%
47) 2-Hexanone-d5	8.31	63	174500	91.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	263086	45.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	221241	45.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.68%

Target Compounds

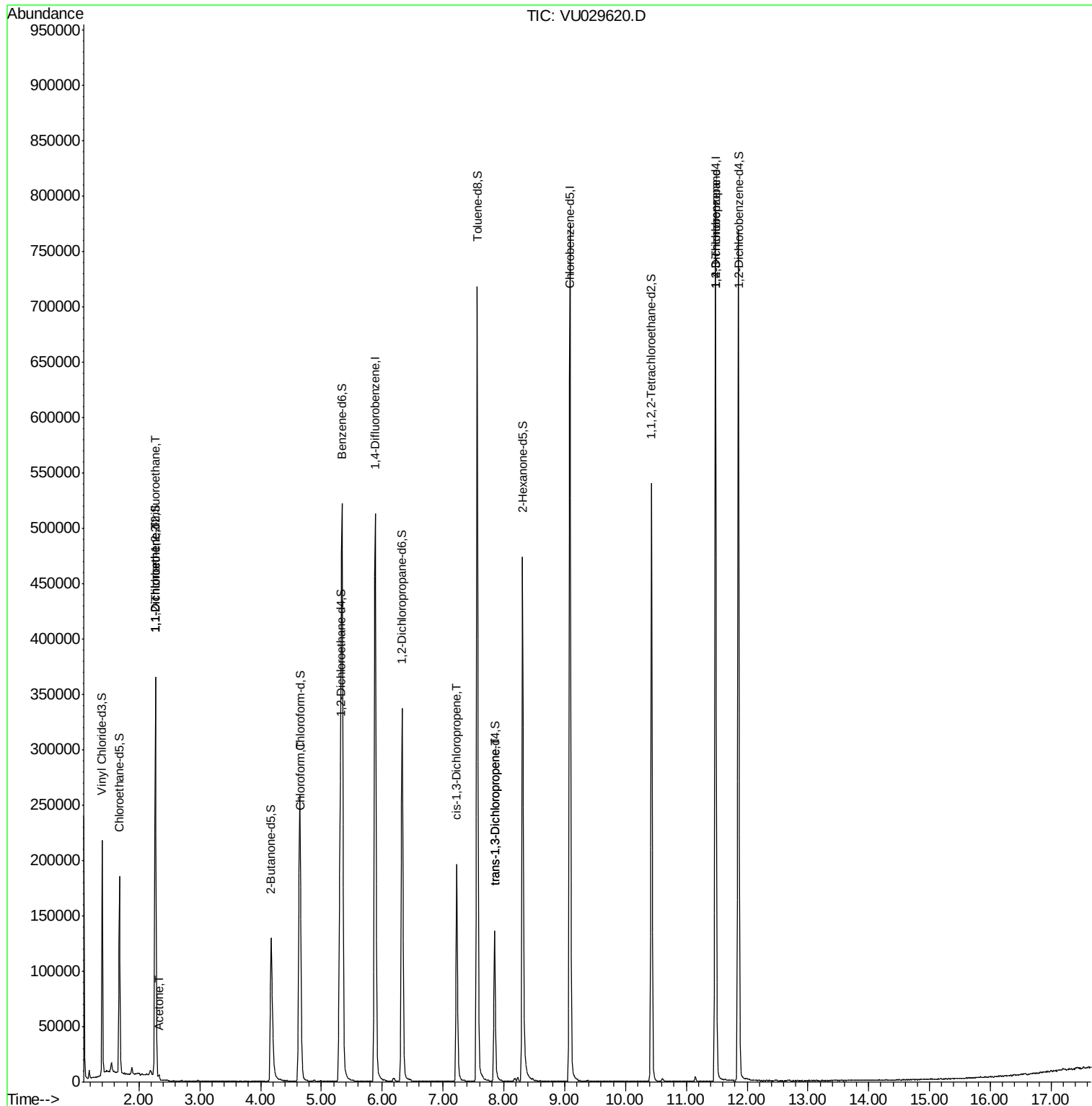
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2195	0.674	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2097	0.678	ug/L #	1
13) Acetone	2.32	43	1212	0.544	ug/L	71
25) Chloroform	4.67	83	4231	0.768	ug/L #	73
39) cis-1,3-Dichloropropene	7.22	75	4486	0.911	ug/L #	60
44) trans-1,3-Dichloropropene	7.85	75	3406	0.734	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	22461	5.161	ug/L	91

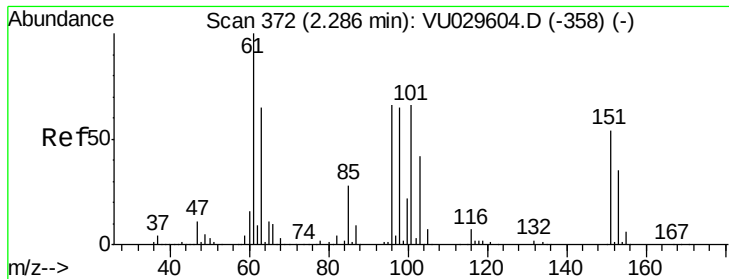
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.674 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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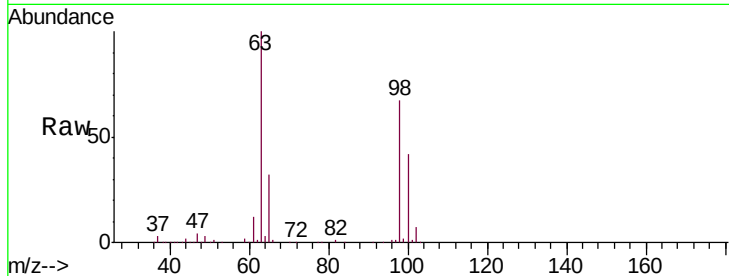
Tgt Ion: 101 Resp: 2195

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

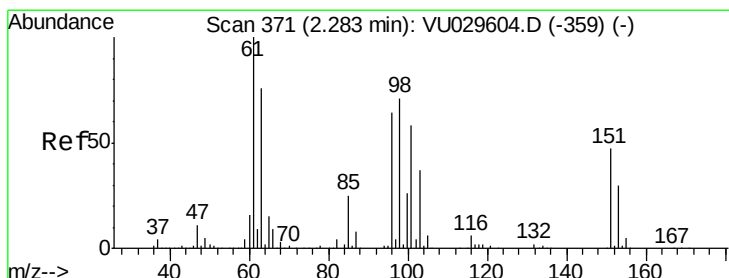
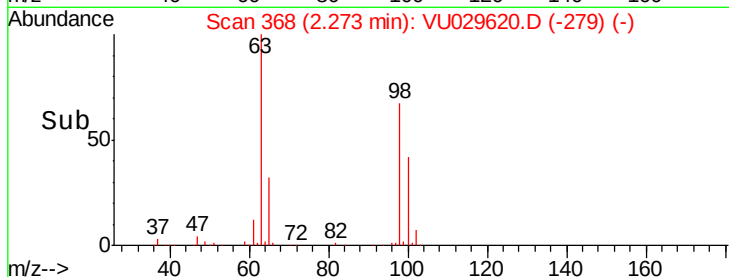
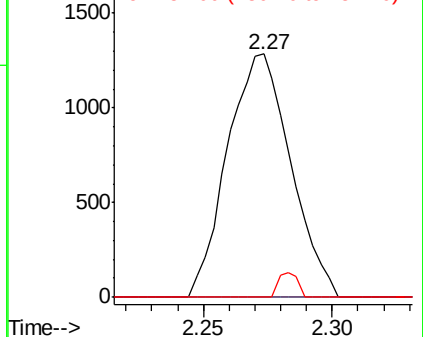
151 3.1 65.7 98.5#



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



#12

1,1-Dichloroethene

Concen: 0.678 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029620.D

Acq: 22 Feb 2019 14:58

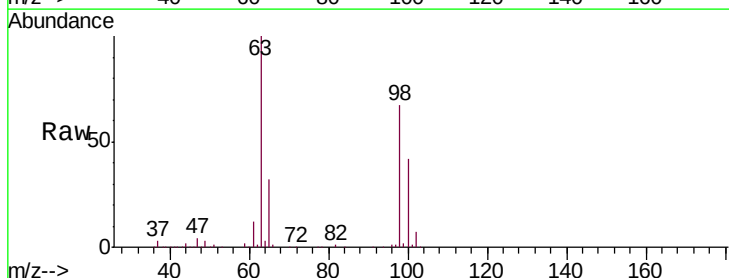
Tgt Ion: 96 Resp: 2097

Ion Ratio Lower Upper

96 100

61 1150.6 114.0 211.8#

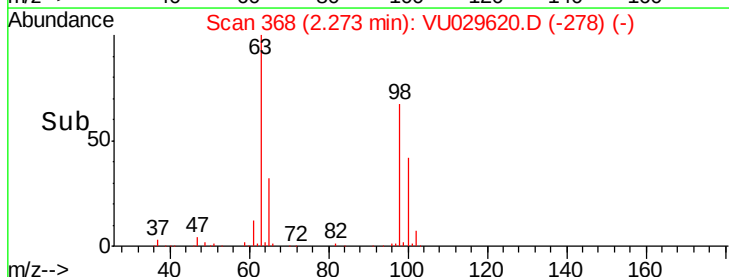
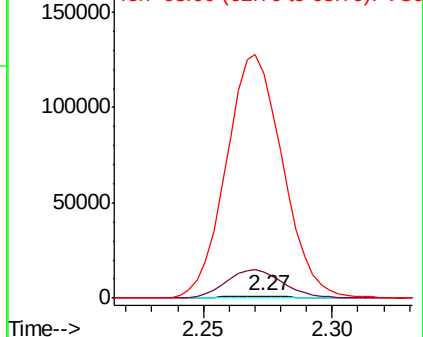
63 9800.5 98.7 183.3#

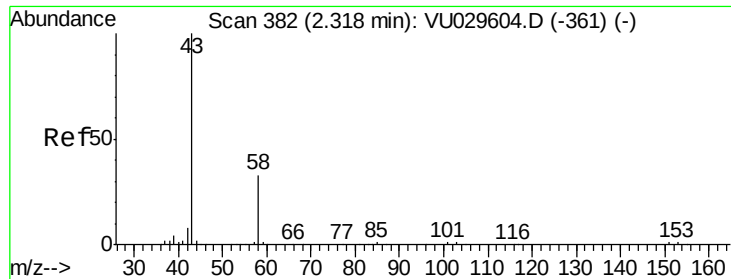


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.544 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029620.D

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Instrument :

MSVOA_U

ClientSampleId :

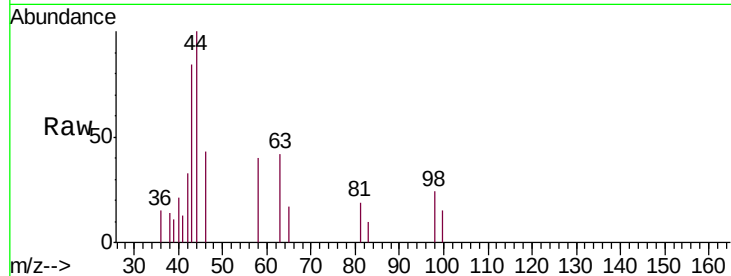
DB617

Tgt Ion: 43 Resp: 1212

Ion Ratio Lower Upper

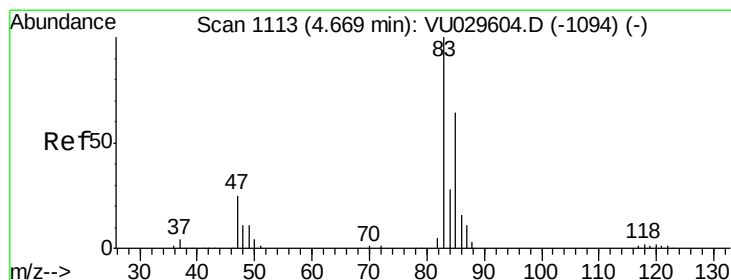
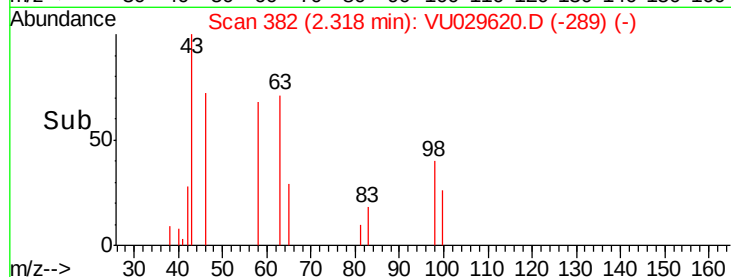
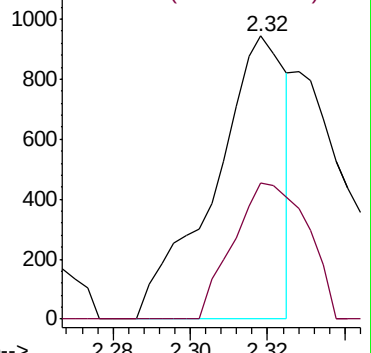
43 100

58 49.9 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 0.768 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU029620.D

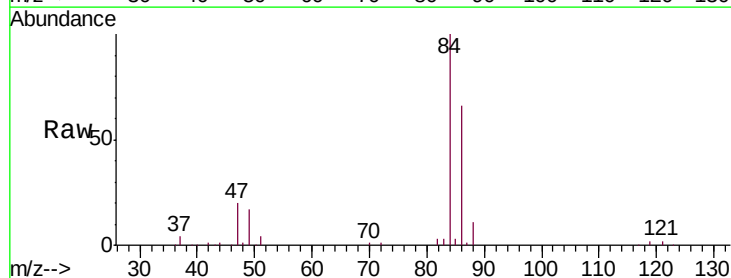
Acq: 22 Feb 2019 14:58

Tgt Ion: 83 Resp: 4231

Ion Ratio Lower Upper

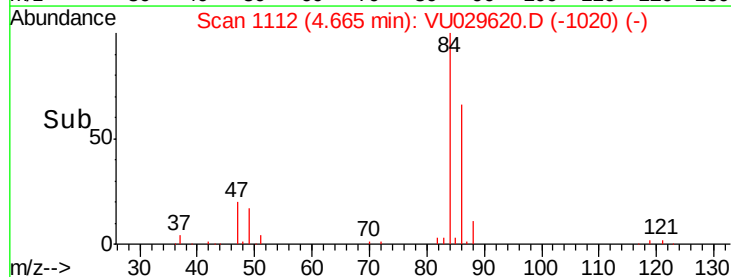
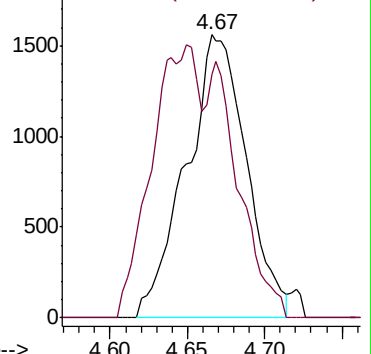
83 100

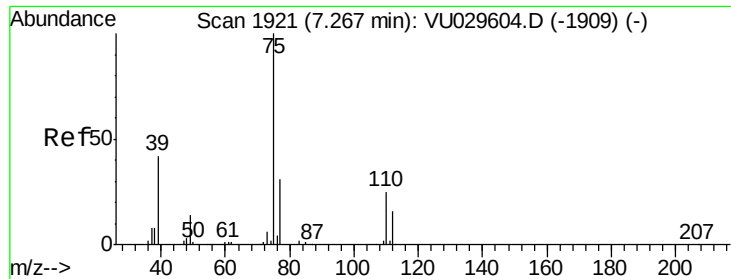
85 85.9 45.4 84.2#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

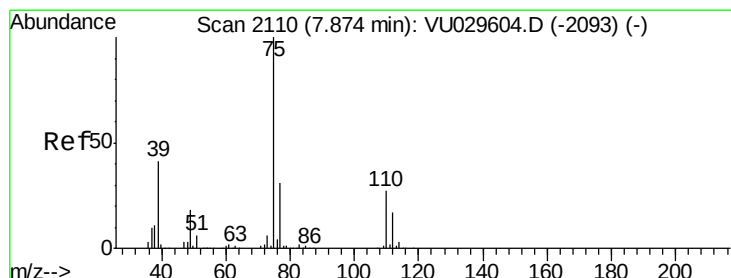
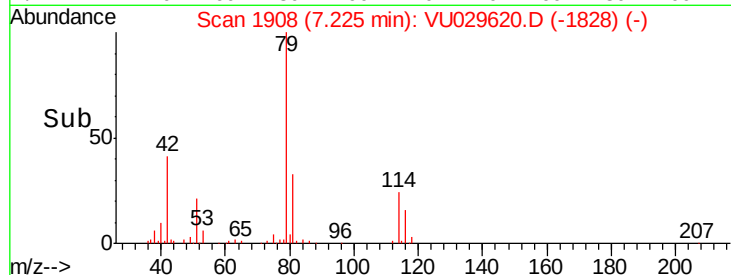
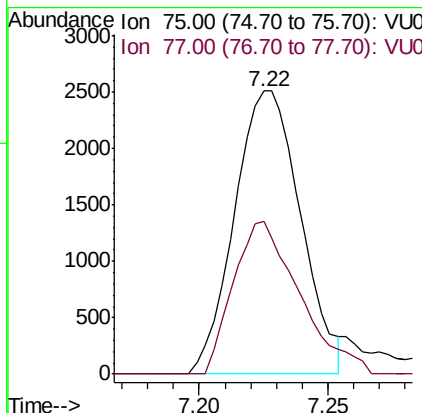
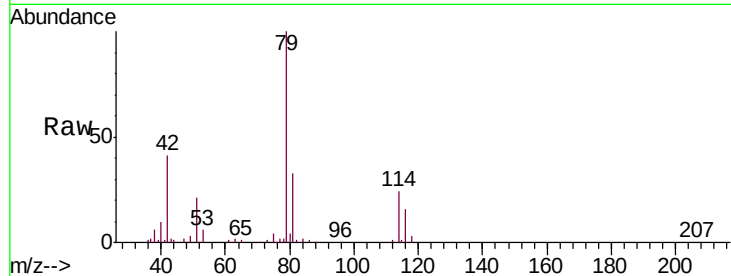




#39
 cis-1,3-Dichloropropene
 Concen: 0.911 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029620.D
 Acq: 22 Feb 2019 14:58

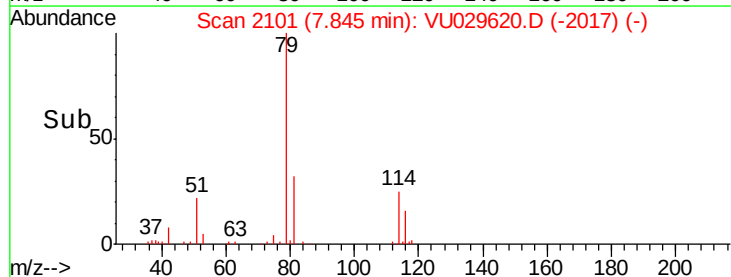
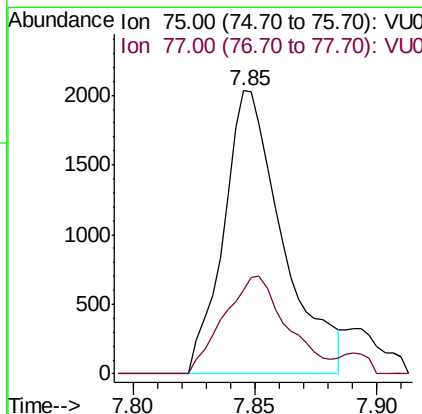
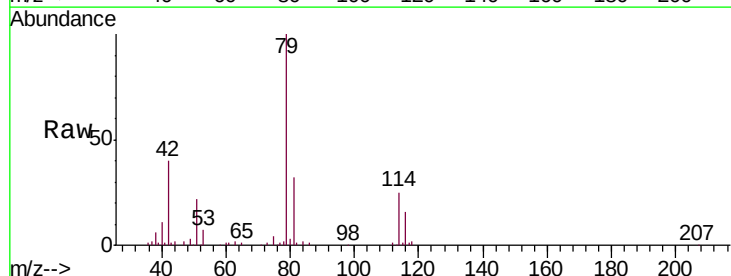
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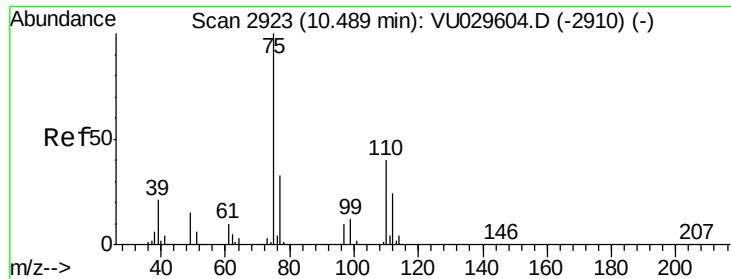
Tgt Ion: 75 Resp: 4486
 Ion Ratio Lower Upper
 75 100
 77 54.1 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.734 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU029620.D
 Acq: 22 Feb 2019 14:58

Tgt Ion: 75 Resp: 3406
 Ion Ratio Lower Upper
 75 100
 77 29.4 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 5.161 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029620.D

Acq: 22 Feb 2019 14:58

Instrument :

MSVOA_U

ClientSampleId :

DB617

Tgt Ion: 75 Resp: 22461

Ion Ratio Lower Upper

75 100

77 36.9 25.7 38.5

