

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030719.D
 Acq On : 05 Apr 2019 05:43
 Operator : JC/SP
 Sample : VU0405WBL02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK43

Quant Time: Apr 05 08:38:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:33:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	486441	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	473907	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	200619	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	201913	46.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	161044	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.72%
11) 1,1-Dichloroethene-d2	2.27	63	283449	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.18%
21) 2-Butanone-d5	4.17	46	353084	102.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.59%
24) Chloroform-d	4.64	84	298852	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
26) 1,2-Dichloroethane-d4	5.30	65	222994	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
32) Benzene-d6	5.33	84	670171	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
36) 1,2-Dichloropropane-d6	6.32	67	230633	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.28%
41) Toluene-d8	7.56	98	595517	48.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.12%
43) trans-1,3-Dichloropropene-	7.85	79	96818	44.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.56%
47) 2-Hexanone-d5	8.31	63	218375	100.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307720	48.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	199376	50.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.06%

Target Compounds

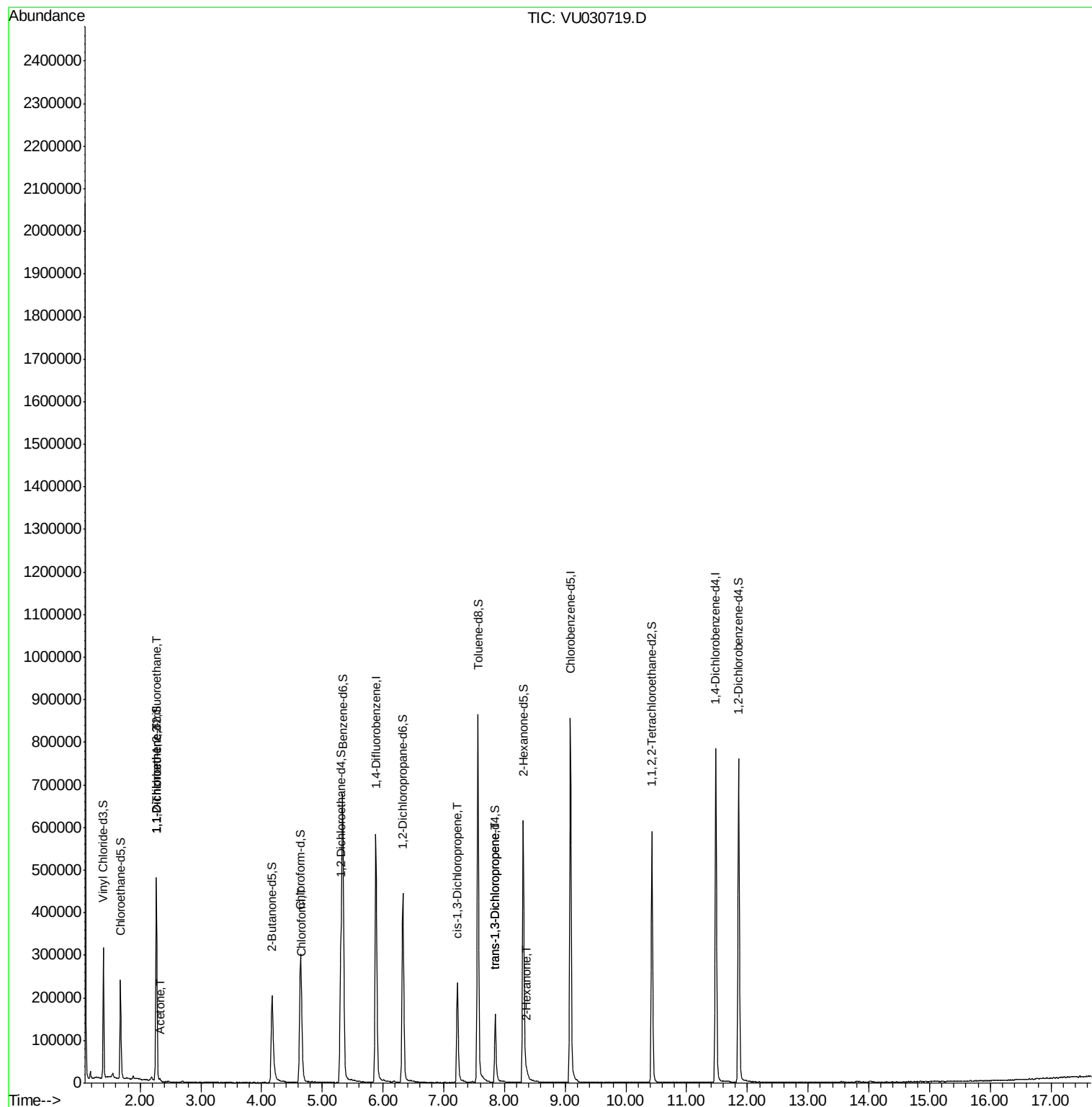
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2084	0.598 ug/L #	25
12) 1,1-Dichloroethene	2.26	96	2354	0.700 ug/L #	1
13) Acetone	2.32	43	2048	0.582 ug/L	76
25) Chloroform	4.67	83	31746	4.287 ug/L	92
39) cis-1,3-Dichloropropene	7.22	75	5032	0.805 ug/L #	33
44) trans-1,3-Dichloropropene	7.85	75	3668	0.666 ug/L	84
48) 2-Hexanone	8.36	43	7947	1.442 ug/L #	41

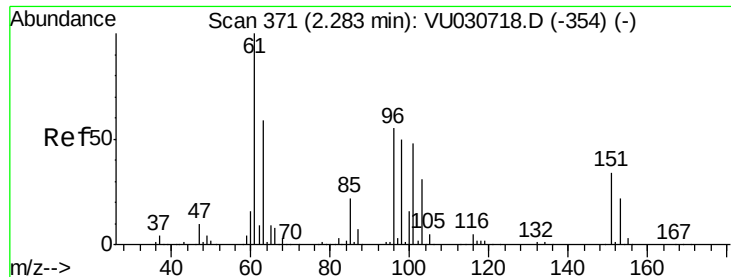
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 08:33:21 2019
Response via : Initial Calibration





#10

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

Concen: 0.598 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030719.D

Acq: 05 Apr 2019 05:43

Instrument :

MSVOA_U

ClientSampleId :

VBLK43

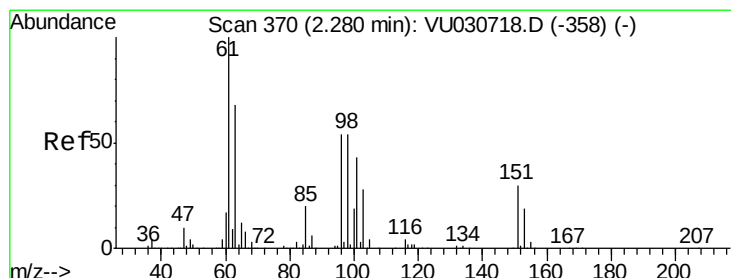
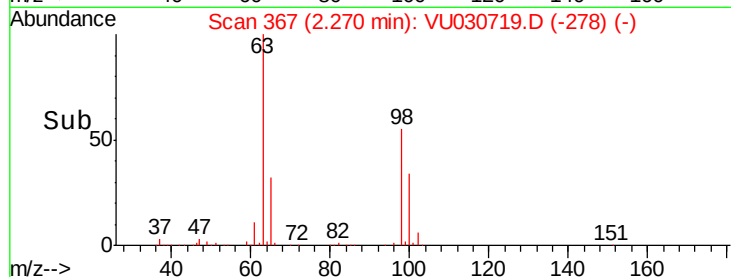
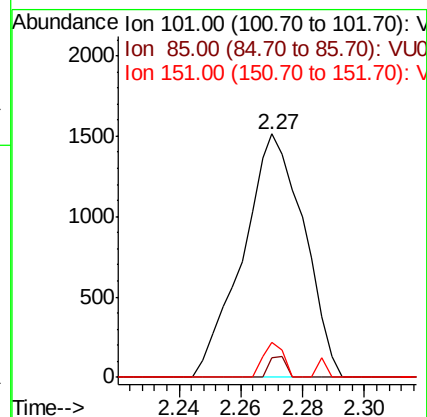
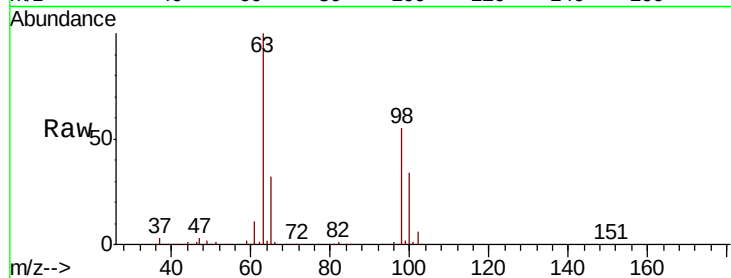
Tot Ion:101 Resp: 2084

Ion Ratio Lower Upper

101 100

85 2.3 36.8 55.2#

151 4.8 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.700 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU030719.D

Acq: 05 Apr 2019 05:43

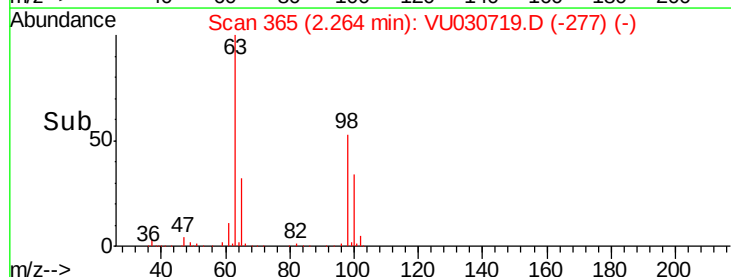
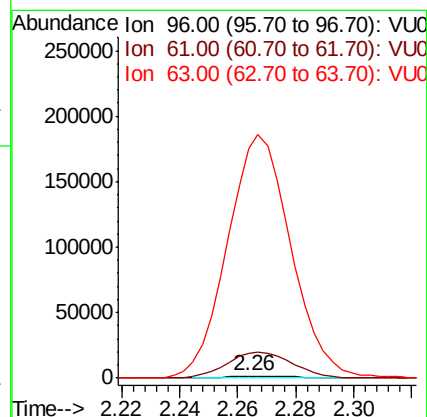
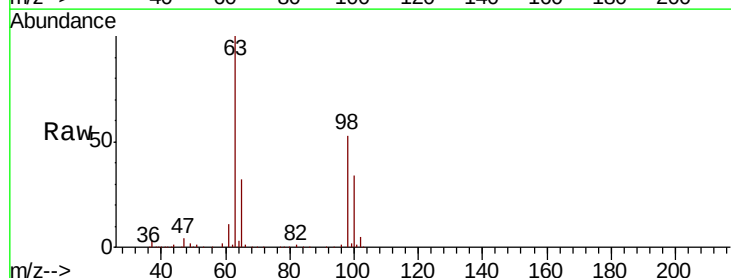
Tgt Ion: 96 Resp: 2354

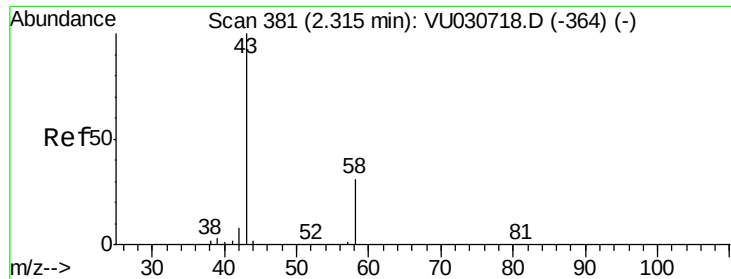
Ion Ratio Lower Upper

96 100

61 1296.2 132.0 245.2#

63 11795.8 90.9 168.9#





#13

Acetone

Concen: 0.582 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU030719.D

Acq: 05 Apr 2019 05:43

Instrument :

MSVOA_U

ClientSampleId :

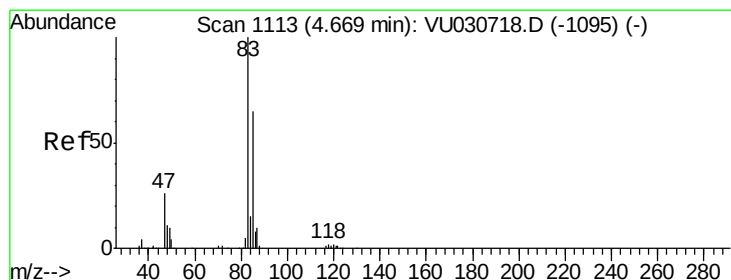
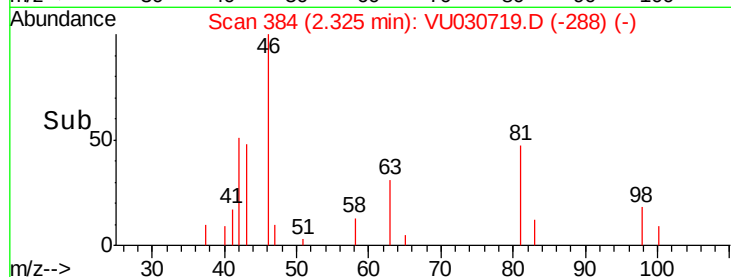
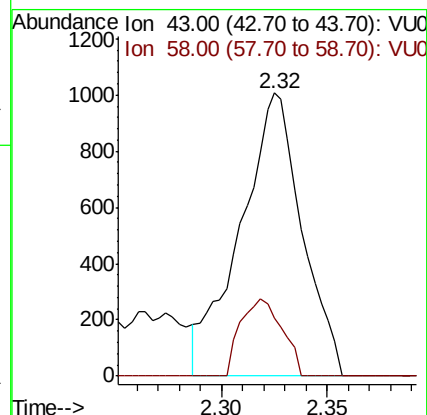
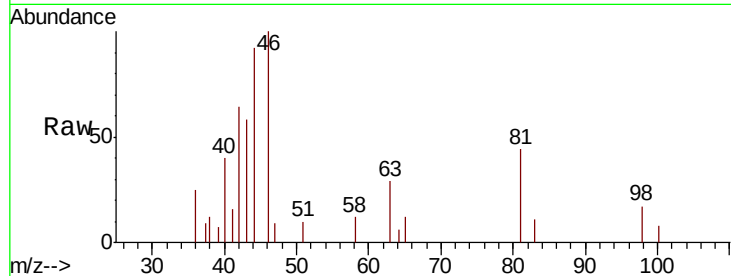
VBLK43

Tot Ion: 43 Resp: 2048

Ion Ratio Lower Upper

43 100

58 18.4 0.0 64.0



#25

Chloroform

Concen: 4.287 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030719.D

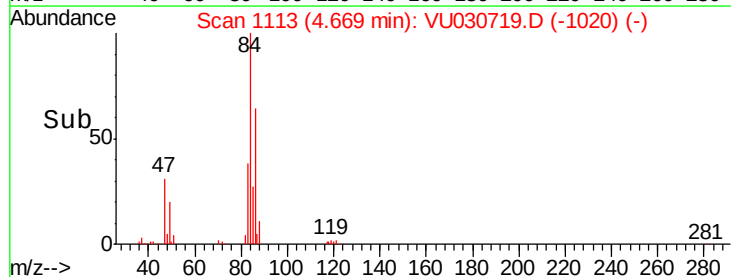
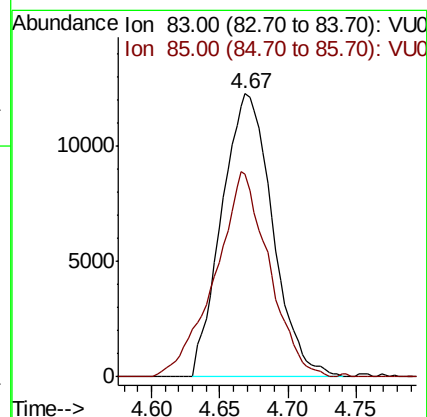
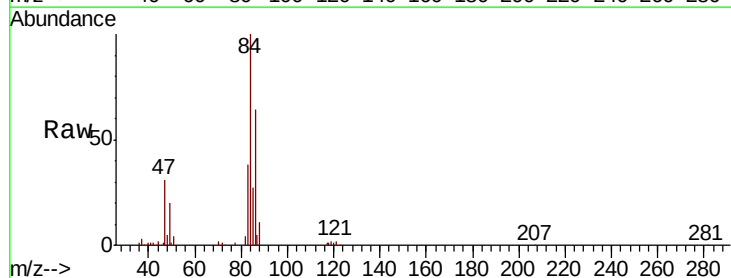
Acq: 05 Apr 2019 05:43

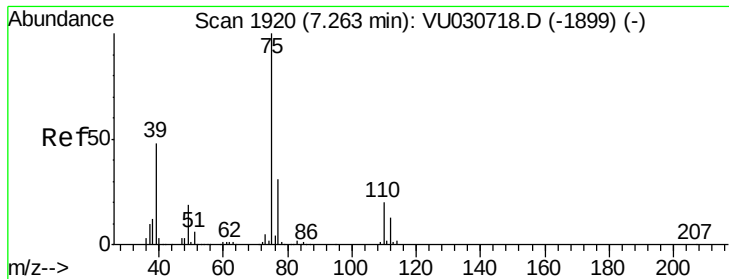
Tgt Ion: 83 Resp: 31746

Ion Ratio Lower Upper

83 100

85 71.7 45.8 85.0



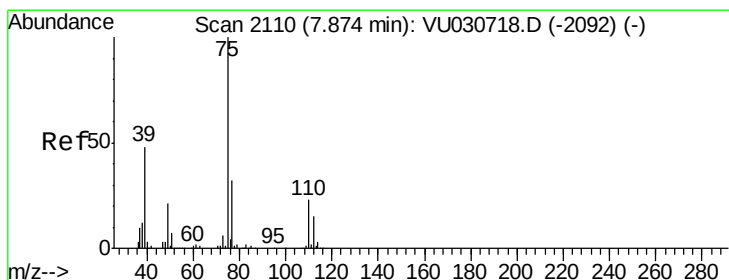
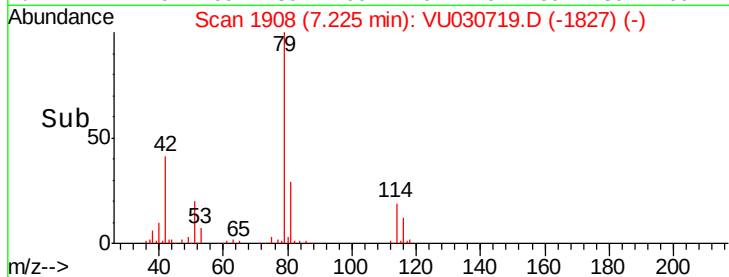
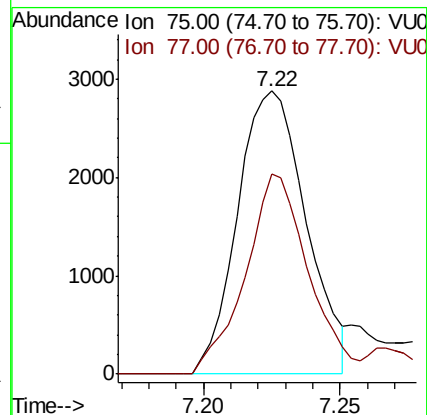
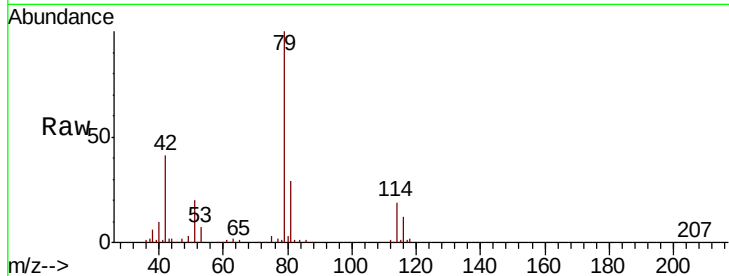


#39

cis-1,3-Dichloropropene
Concen: 0.805 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030719.D
Acq: 05 Apr 2019 05:43

Instrument :
MSVOA_U
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VBLK43

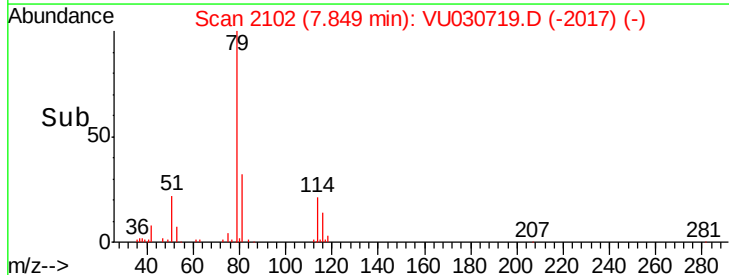
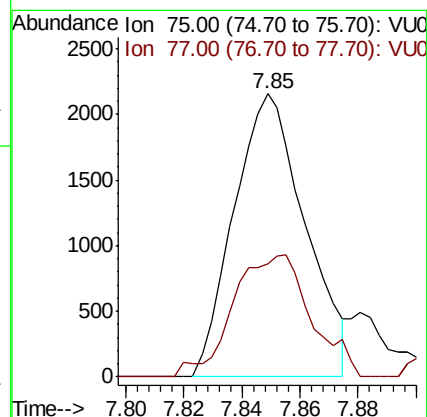
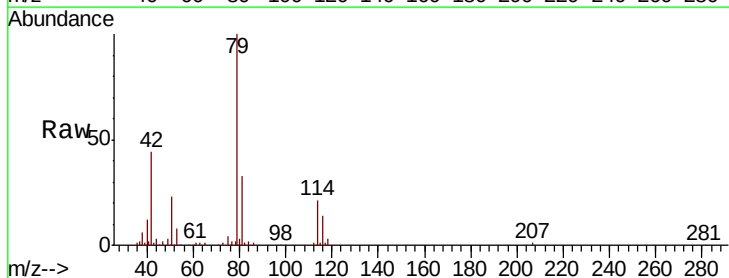
Tot Ion: 75 Resp: 5032
Ion Ratio Lower Upper
75 100
77 70.7 23.1 42.9#

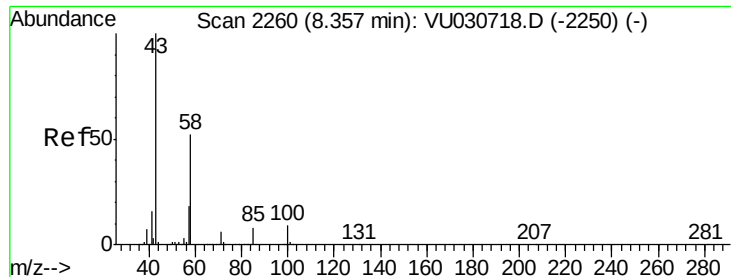


#44

trans-1,3-Dichloropropene
Concen: 0.666 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030719.D
Acq: 05 Apr 2019 05:43

Tgt Ion: 75 Resp: 3668
Ion Ratio Lower Upper
75 100
77 39.8 21.6 40.0





#48

2-Hexanone

Concen: 1.442 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU030719.D

Acq: 05 Apr 2019 05:43

Instrument :

MSVOA_U

ClientSampleId :

VBLK43

Tot Ion: 43 Resp: 7947

Ion Ratio Lower Upper

43 100

58 0.0 41.9 62.9#

57 3.0 14.3 21.5#

100 2.3 7.1 10.7#

