

Data File : VU031142.D
Acq On : 12 Apr 2019 20:31
Operator : JC/SP
Sample : K2403-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5124

Quant Time: Apr 13 01:07:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	491452	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	191508	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	196363	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.52%
7) Chloroethane-d5	1.68	69	155686	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.52%
11) 1,1-Dichloroethene-d2	2.26	63	264102	33.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.56%
21) 2-Butanone-d5	4.17	46	301629	86.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.75%
24) Chloroform-d	4.64	84	315563	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
26) 1,2-Dichloroethane-d4	5.31	65	215378	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
32) Benzene-d6	5.33	84	633213	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.72%
36) 1,2-Dichloropropane-d6	6.32	67	212941	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.04%
41) Toluene-d8	7.56	98	530527	42.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.85	79	90154	40.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.74%
47) 2-Hexanone-d5	8.31	63	172762	78.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	290421	44.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	186316	49.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.94%

Target Compounds

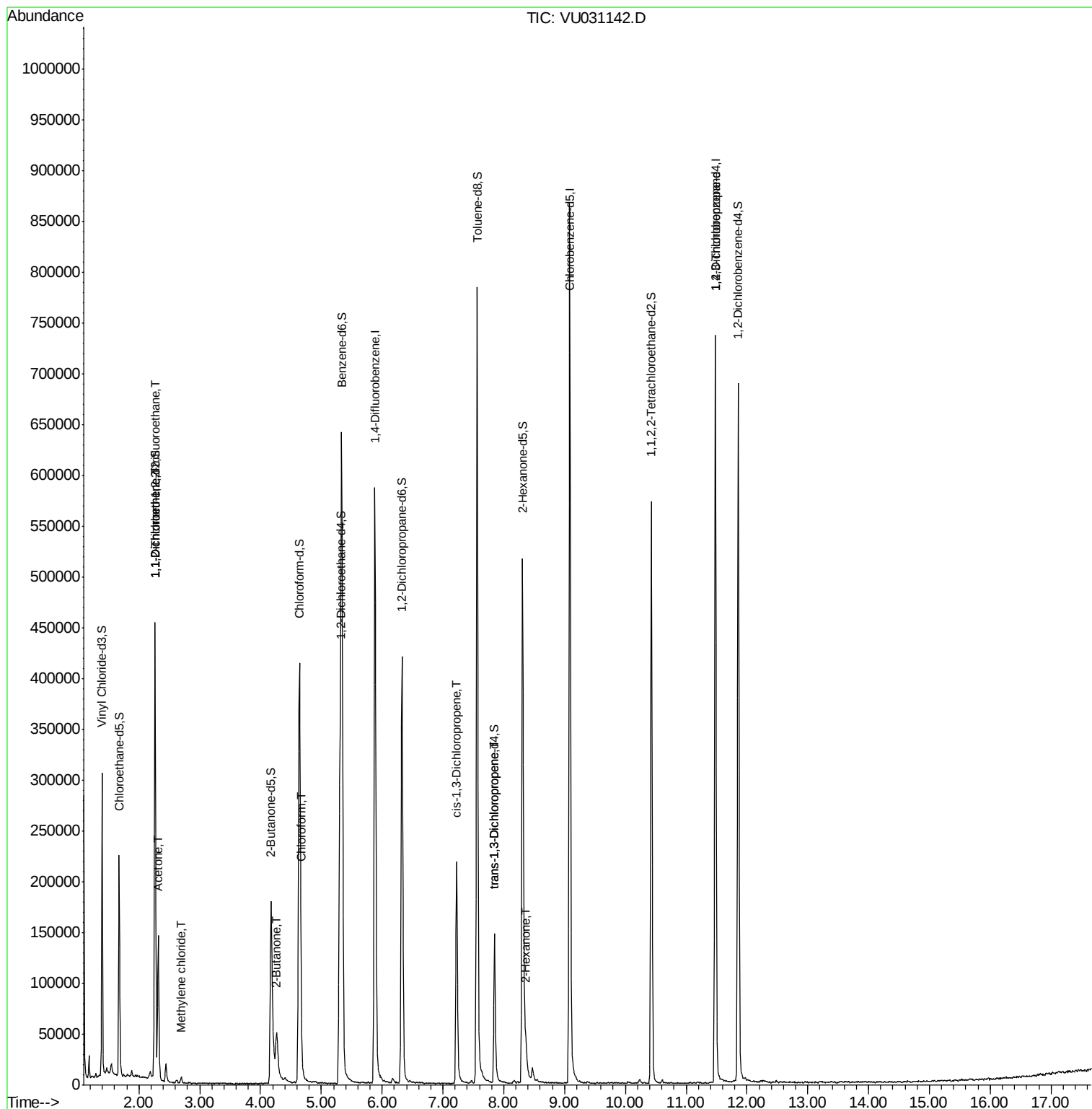
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2370	0.673 ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2142	0.631 ug/L #	1
13) Acetone	2.32	43	148959	41.867 ug/L	99
16) Methylene chloride	2.70	84	2468	0.598 ug/L	94
22) 2-Butanone	4.26	43	73534	17.627 ug/L	83
25) Chloroform	4.67	83	9545	1.276 ug/L	96
39) cis-1,3-Dichloropropene	7.22	75	5331	0.836 ug/L #	79
44) trans-1,3-Dichloropropene	7.85	75	3552	0.632 ug/L #	80
48) 2-Hexanone	8.36	43	15662	2.786 ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	21254	3.961 ug/L	90

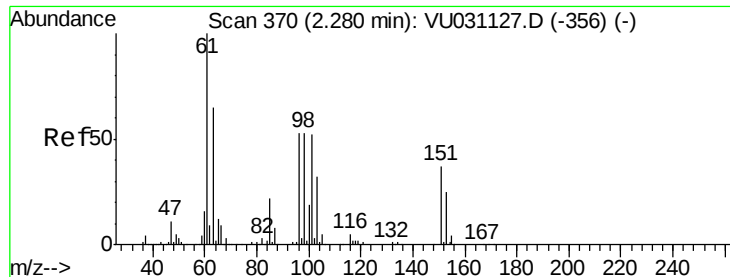
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.673 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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Instrument :

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ClientSampleId :

A5124

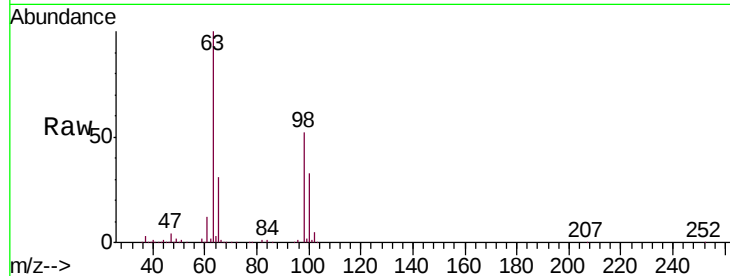
Tgt Ion:101 Resp: 2370

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

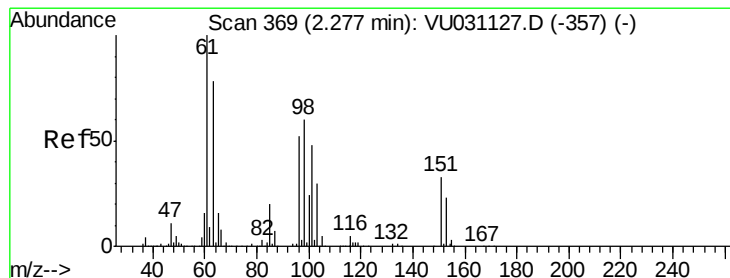
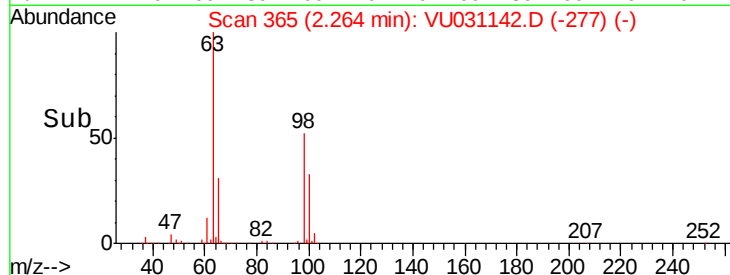
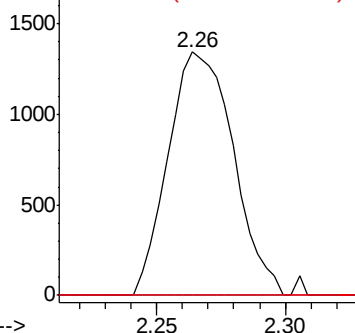
151 0.0 57.4 86.0#



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: 0.631 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU031142.D

Acq: 12 Apr 2019 20:31

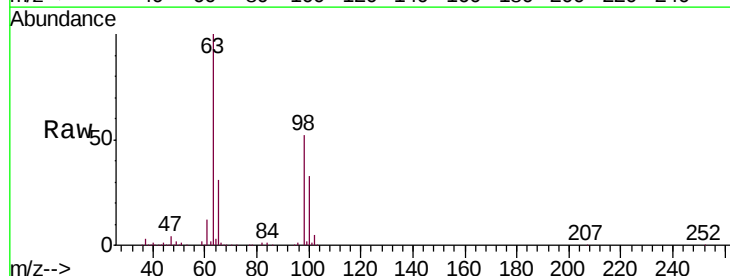
Tgt Ion: 96 Resp: 2142

Ion Ratio Lower Upper

96 100

61 1627.1 132.0 245.2#

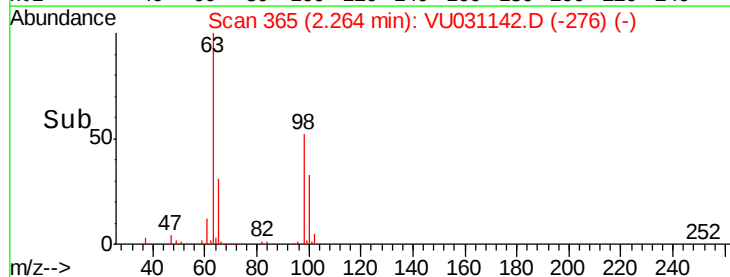
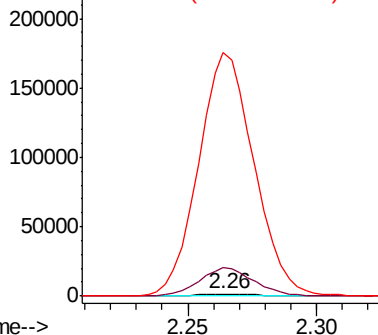
63 14129.5 90.9 168.9#

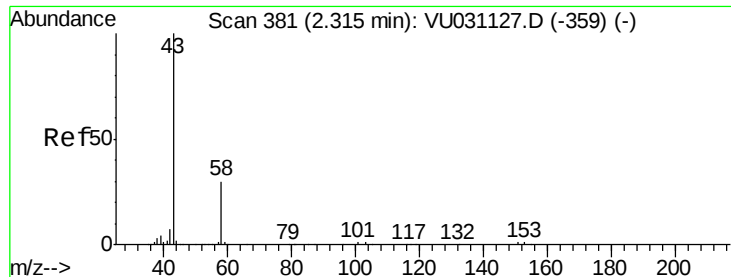


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 41.867 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Acq: 12 Apr 2019 20:31

Instrument :

MSVOA_U

ClientSampled :

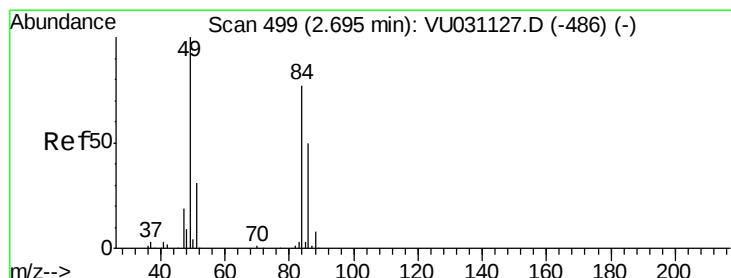
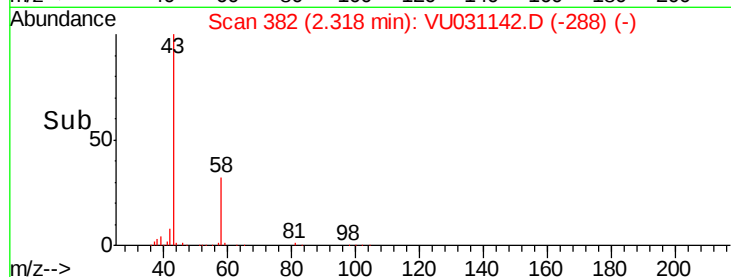
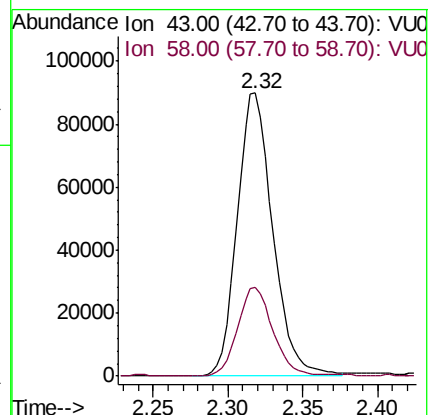
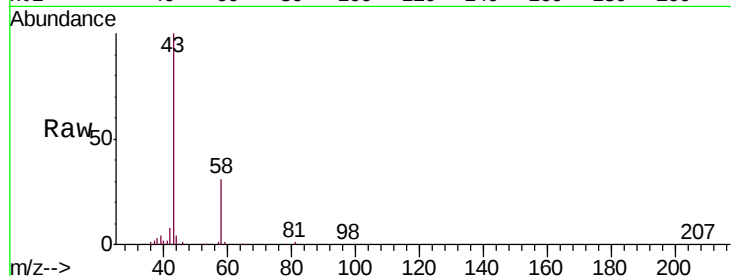
A5124

Tgt Ion: 43 Resp: 148959

Ion Ratio Lower Upper

43 100

58 31.2 0.0 64.0



#16

Methylene chloride

Concen: 0.598 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU031142.D

Acq: 12 Apr 2019 20:31

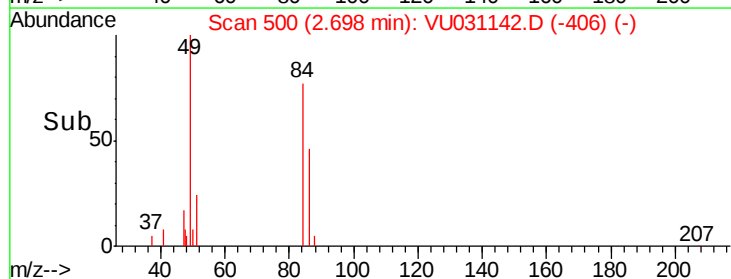
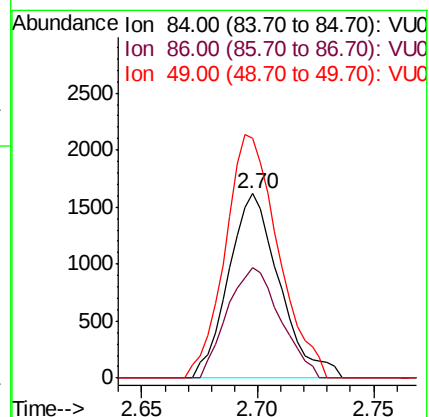
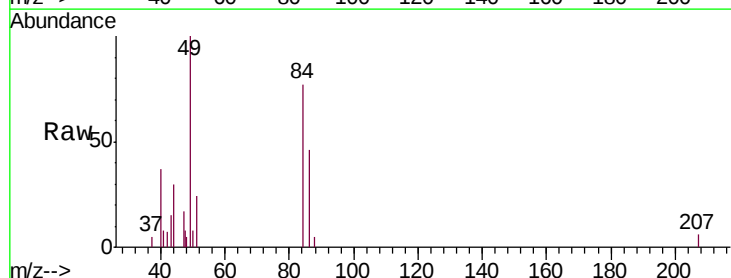
Tgt Ion: 84 Resp: 2468

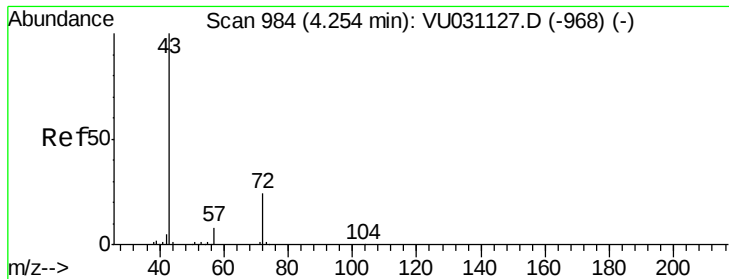
Ion Ratio Lower Upper

84 100

86 59.9 45.1 83.7

49 129.6 96.5 179.1





#22

2-Butanone

Concen: 17.627 ug/L

RT: 4.26 min Scan# 987

Delta R.T. 0.01 min

Lab File: VU031142.D

Acq: 12 Apr 2019 20:31

Instrument :

MSVOA_U

ClientSampleId :

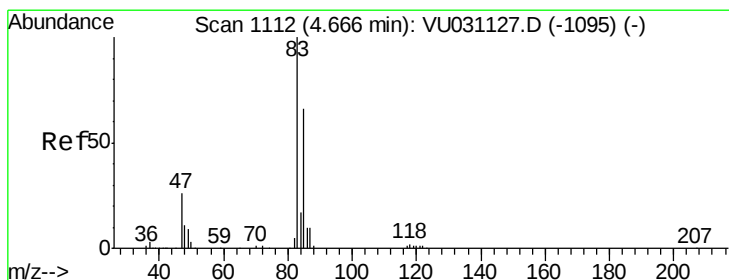
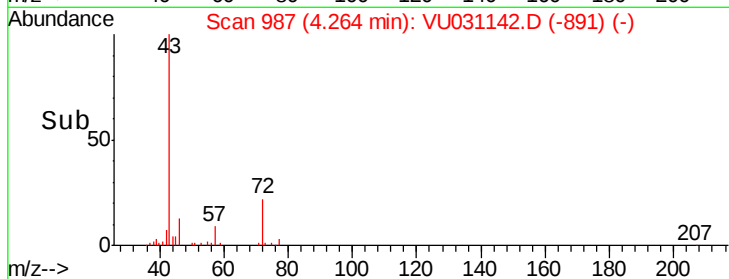
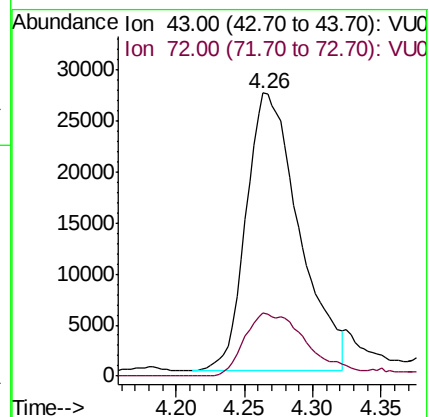
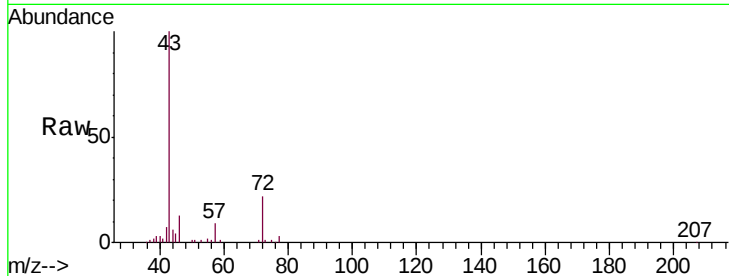
A5124

Tgt Ion: 43 Resp: 73534

Ion Ratio Lower Upper

43 100

72 13.5 10.8 32.4



#25

Chloroform

Concen: 1.276 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VU031142.D

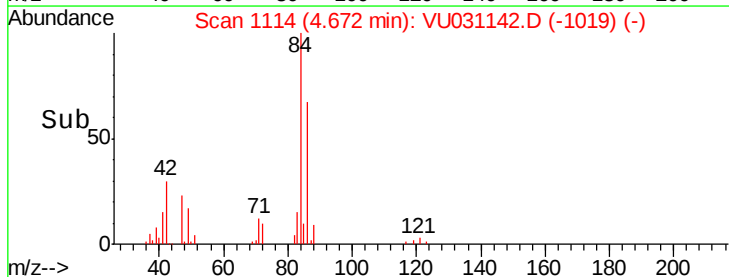
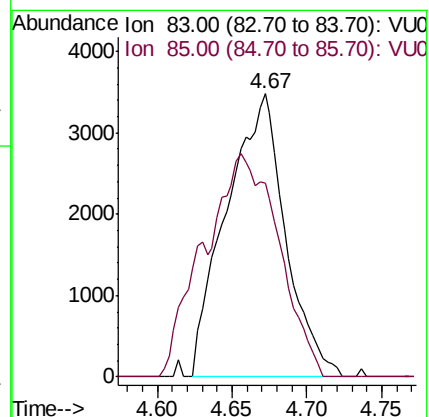
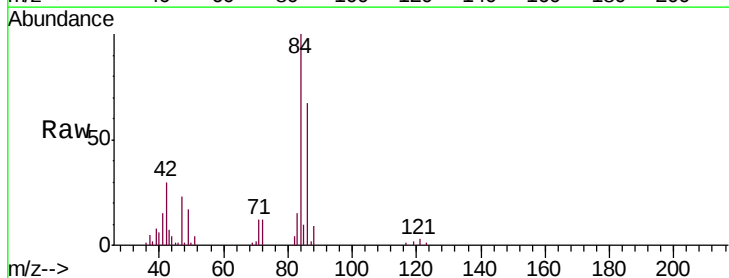
Acq: 12 Apr 2019 20:31

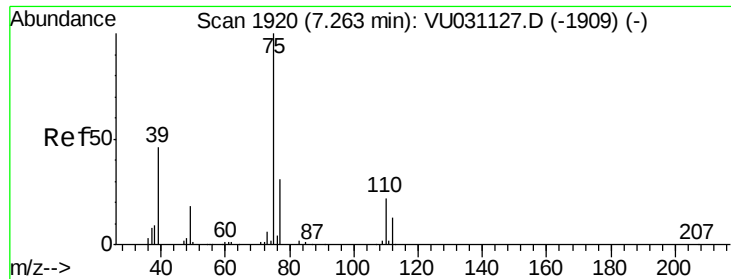
Tgt Ion: 83 Resp: 9545

Ion Ratio Lower Upper

83 100

85 68.5 45.8 85.0





#39

cis-1,3-Dichloropropene

Concen: 0.836 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031142.D

Acq: 12 Apr 2019 20:31

Instrument :

MSVOA_U

ClientSampleId :

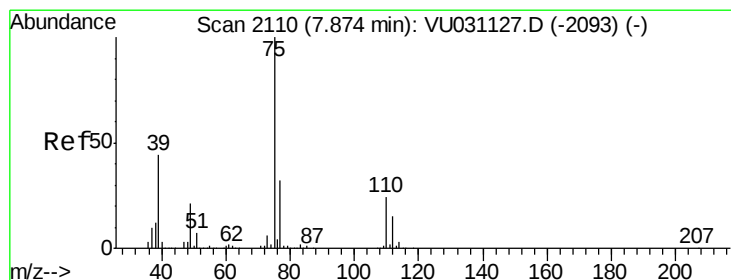
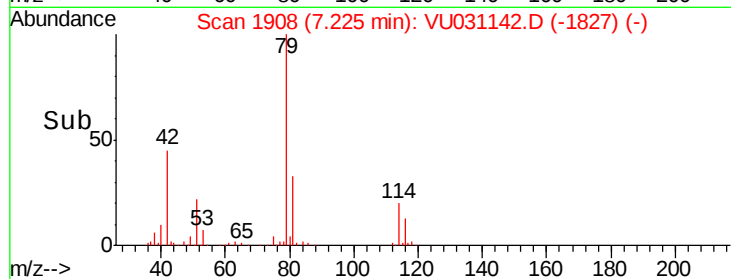
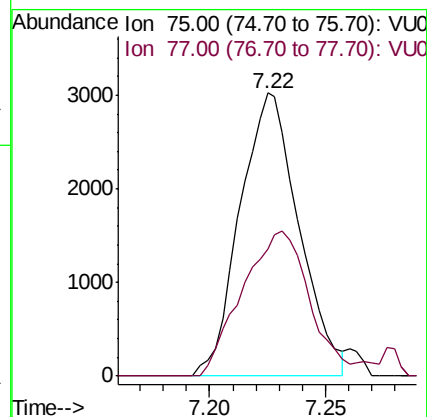
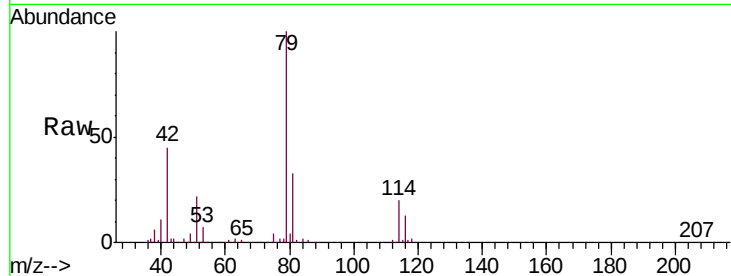
A5124

Tgt Ion: 75 Resp: 5331

Ion Ratio Lower Upper

75 100

77 45.0 23.1 42.9#



#44

trans-1,3-Dichloropropene

Concen: 0.632 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031142.D

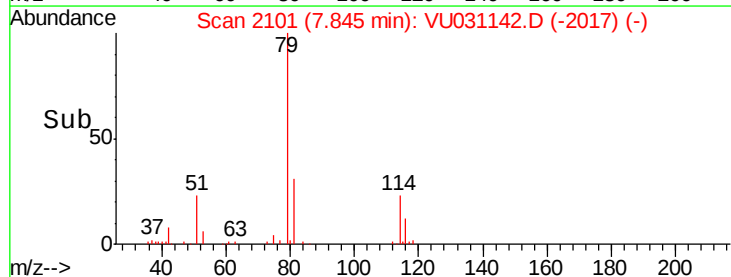
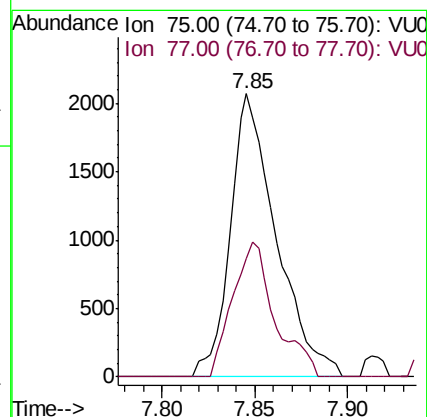
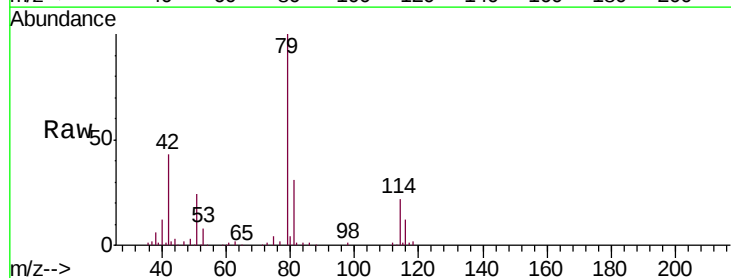
Acq: 12 Apr 2019 20:31

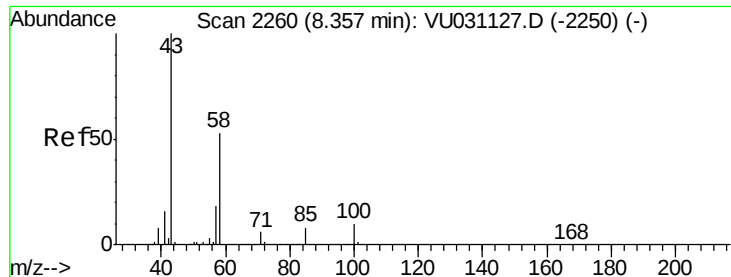
Tgt Ion: 75 Resp: 3552

Ion Ratio Lower Upper

75 100

77 41.8 21.6 40.0#

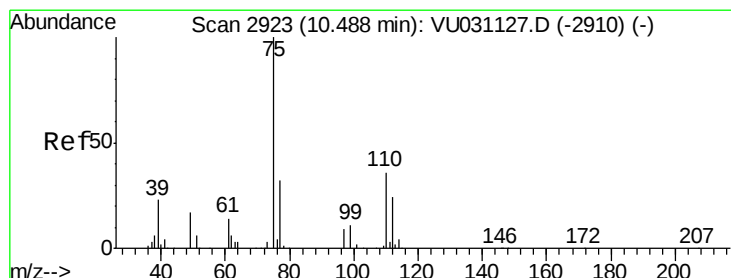
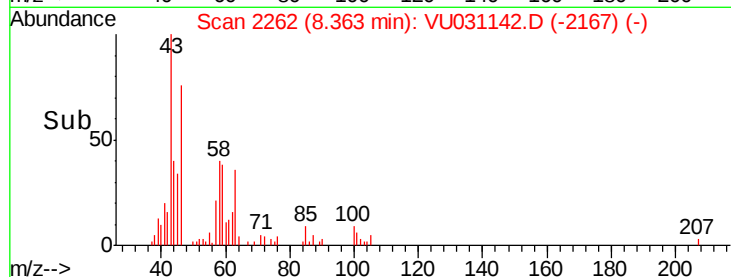
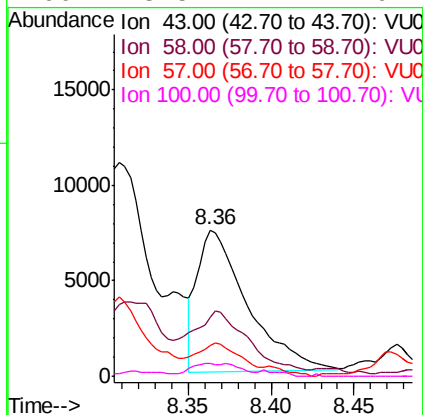
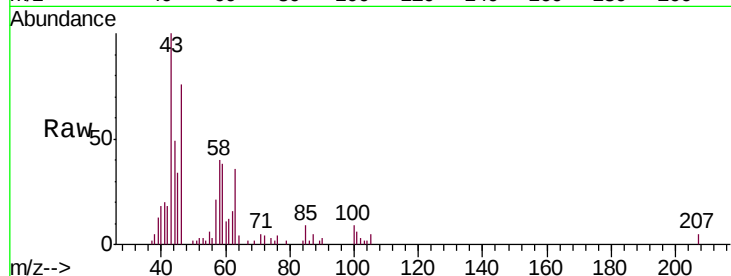




#48
 2-Hexanone
 Concen: 2.786 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU031142.D
 Acq: 12 Apr 2019 20:31

Instrument :
 MSVOA_U
 ClientSampled :
 A5124

Tgt Ion: 43 Resp: 15662
 Ion Ratio Lower Upper
 43 100
 58 33.5 41.9 62.9#
 57 14.4 14.3 21.5
 100 3.5 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 3.961 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031142.D
 Acq: 12 Apr 2019 20:31

Tgt Ion: 75 Resp: 21254
 Ion Ratio Lower Upper
 75 100
 77 38.4 26.1 39.1

