

Data File : VU030065.D
Acq On : 14 Mar 2019 11:45
Operator : JC/SP
Sample : K1838-13DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1B2DL

Quant Time: Mar 15 01:25:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	483709	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	463481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224768	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155080	48.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.94%
7) Chloroethane-d5	1.68	69	125030	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.82%
11) 1,1-Dichloroethene-d2	2.27	63	209626	36.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.60%
21) 2-Butanone-d5	4.17	46	212520	88.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.65%
24) Chloroform-d	4.65	84	257243	44.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.64%
26) 1,2-Dichloroethane-d4	5.31	65	158494	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.60%
32) Benzene-d6	5.34	84	572013	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
36) 1,2-Dichloropropane-d6	6.33	67	176595	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.72%
41) Toluene-d8	7.56	98	518259	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%
43) trans-1,3-Dichloropropene-	7.85	79	79948	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.40%
47) 2-Hexanone-d5	8.31	63	187377	91.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	253997	45.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	204108	46.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.76%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2674	0.841 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2743	0.905 ug/L #	1
13) Acetone	2.32	43	2641	0.942 ug/L	85
16) Methylene chloride	2.70	84	3672	1.026 ug/L	90
20) cis-1,2-Dichloroethene	4.23	96	5556	1.478 ug/L	99
34) Trichloroethene	6.19	95	4238	1.219 ug/L	86
44) trans-1,3-Dichloropropene	7.85	75	2890	0.583 ug/L	88
46) Tetrachloroethene	8.22	164	98613	32.418 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	22995	5.061 ug/L	97

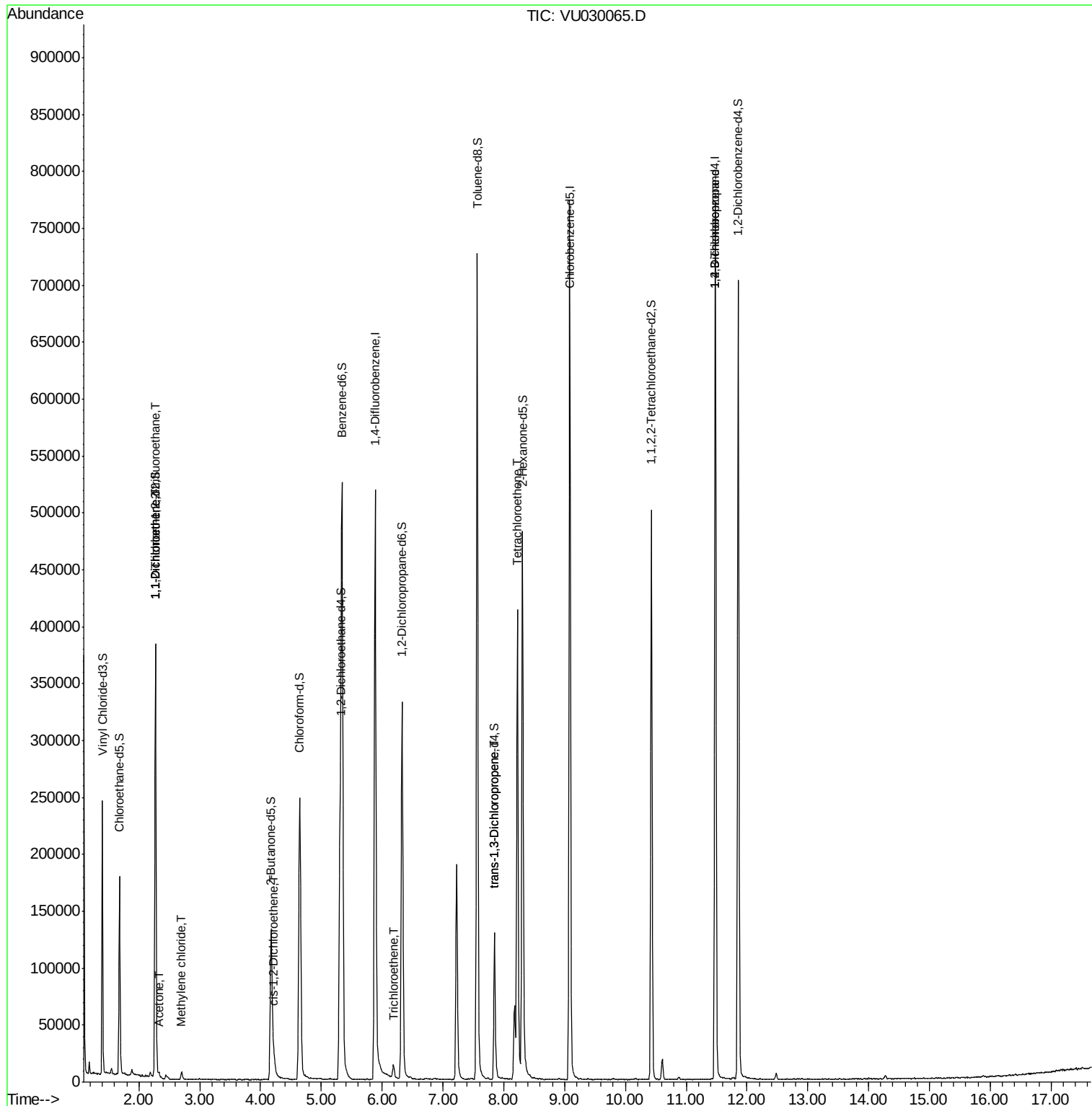
(#) = qualifier out of range (m) = manual integration (+) = signals summed

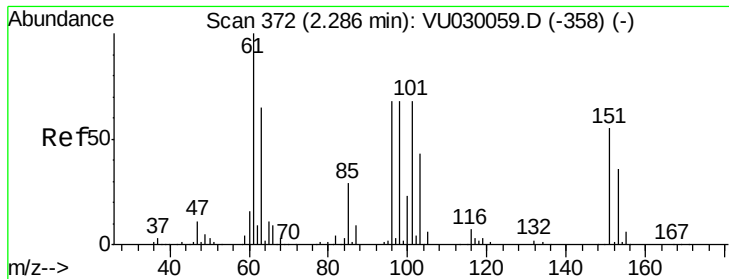
Data File : VU030065.D

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Quant Time: Mar 15 01:25:25 2019
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Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration





#10

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

Concen: 0.841 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030065.D

Acq: 14 Mar 2019 11:45

Instrument :

MSVOA_U

ClientSampleId :

BF1B2DL

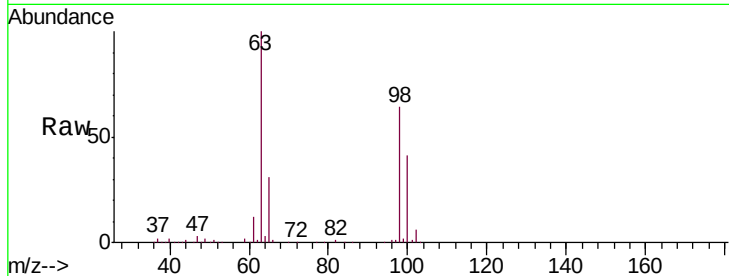
Tgt Ion:101 Resp: 2674

Ion Ratio Lower Upper

101 100

85 3.5 33.0 49.4#

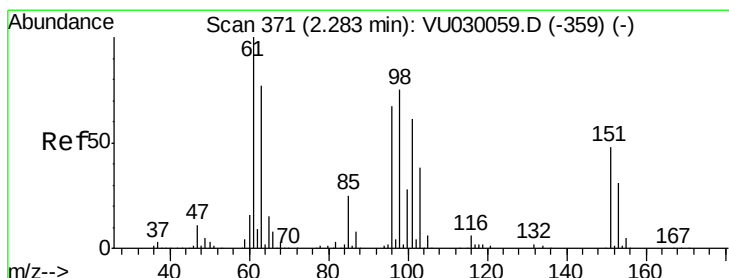
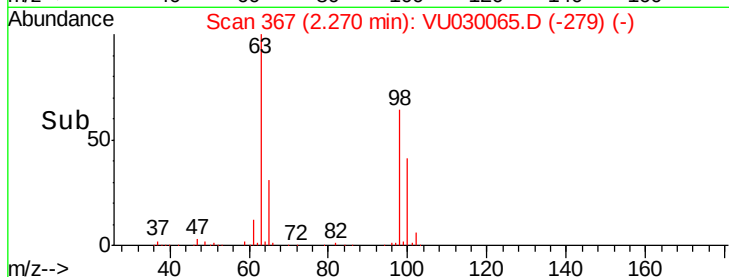
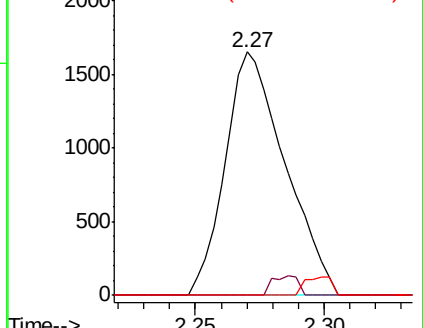
151 3.3 66.1 99.1#



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: 0.905 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030065.D

Acq: 14 Mar 2019 11:45

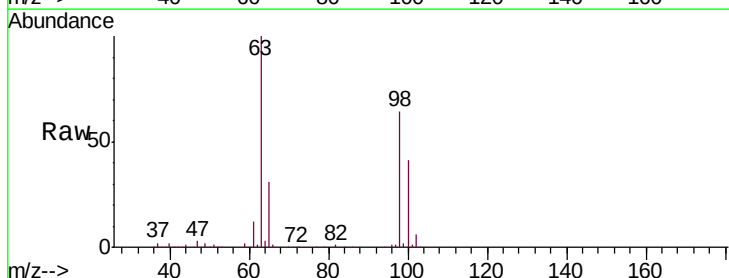
Tgt Ion: 96 Resp: 2743

Ion Ratio Lower Upper

96 100

61 1084.3 110.4 205.0#

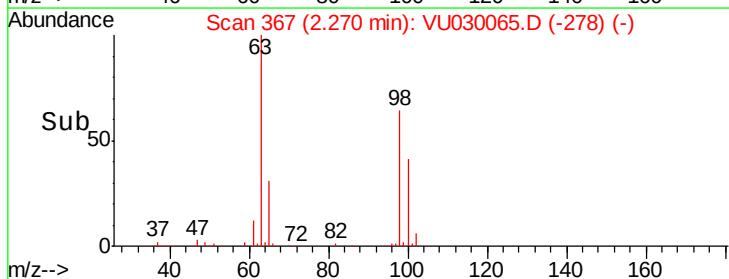
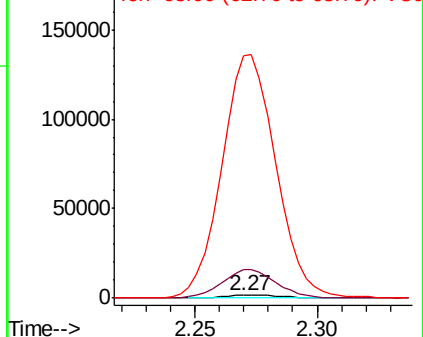
63 9361.7 86.5 160.7#

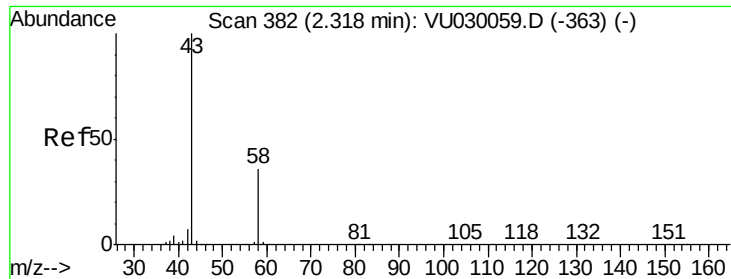


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.942 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU030065.D

Acq: 14 Mar 2019 11:45

Instrument :

MSVOA_U

ClientSampleId :

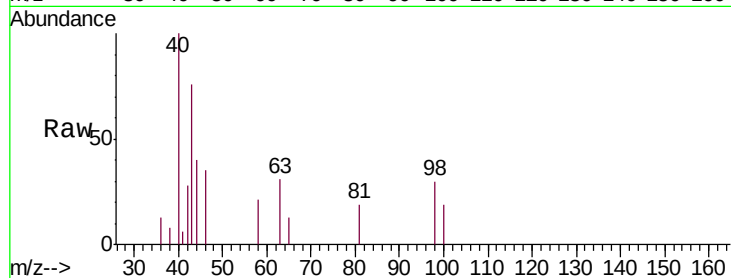
BF1B2DL

Tgt Ion: 43 Resp: 2641

Ion Ratio Lower Upper

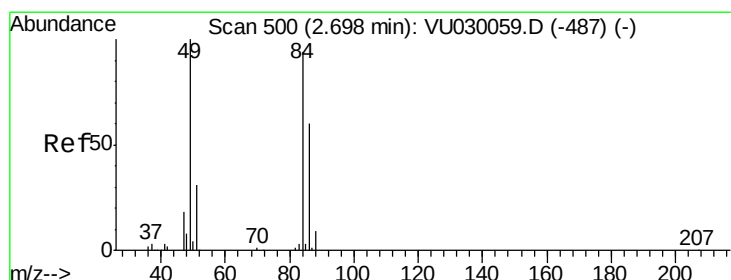
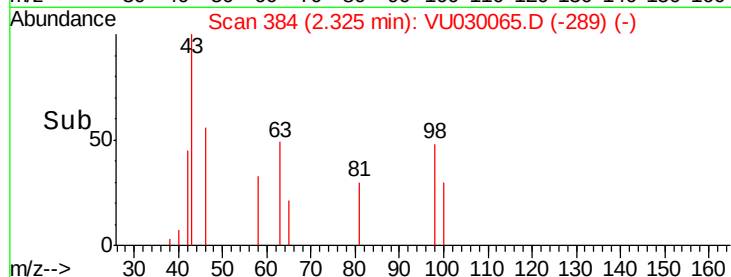
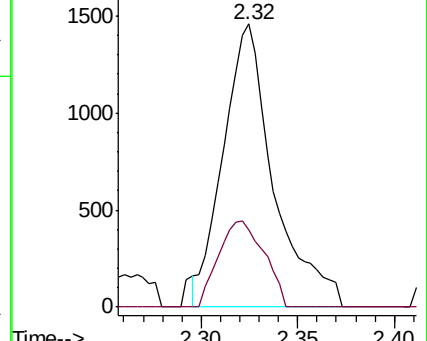
43 100

58 27.6 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030059.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU030059.D (-363) (-)



#16

Methylene chloride

Concen: 1.026 ug/L

RT: 2.70 min Scan# 501

Delta R.T. 0.00 min

Lab File: VU030065.D

Acq: 14 Mar 2019 11:45

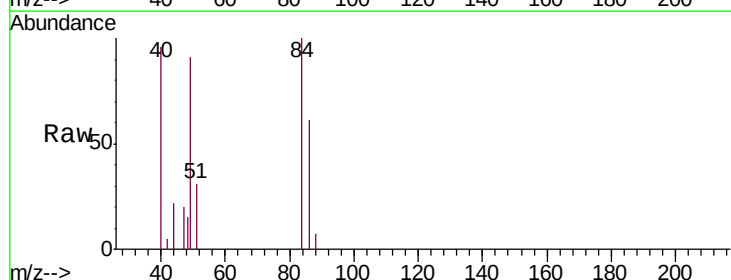
Tgt Ion: 84 Resp: 3672

Ion Ratio Lower Upper

84 100

86 61.3 45.2 84.0

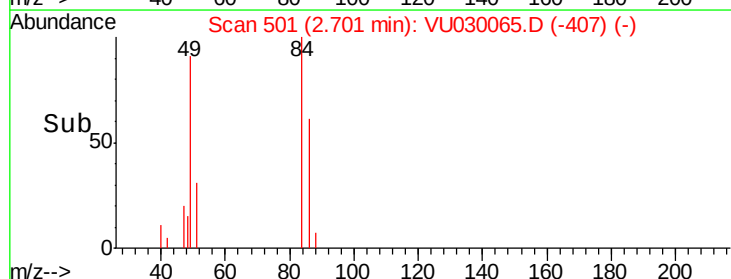
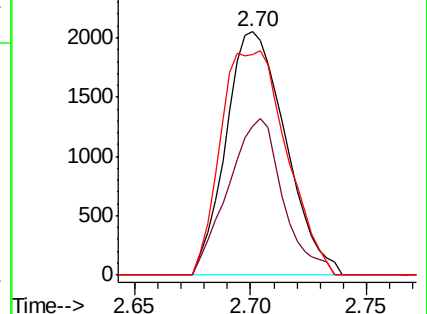
49 90.8 73.6 136.6

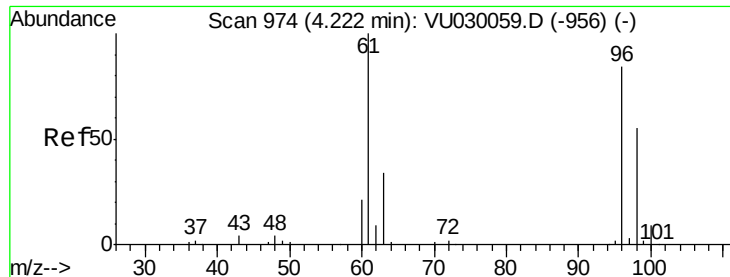


Abundance Ion 84.00 (83.70 to 84.70): VU030059.D (-487) (-)

Ion 86.00 (85.70 to 86.70): VU030059.D (-487) (-)

Ion 49.00 (48.70 to 49.70): VU030059.D (-487) (-)

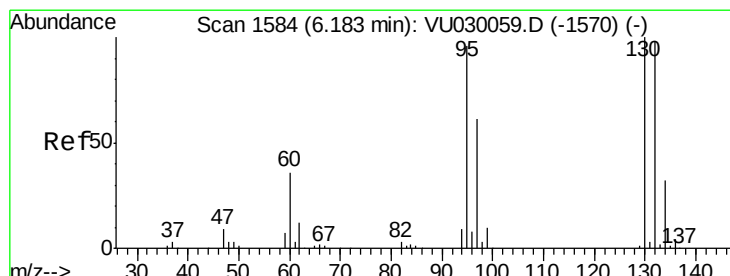
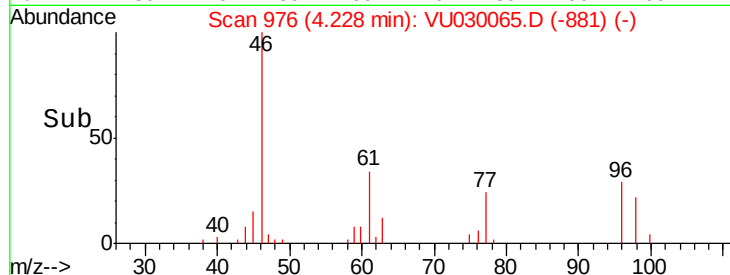
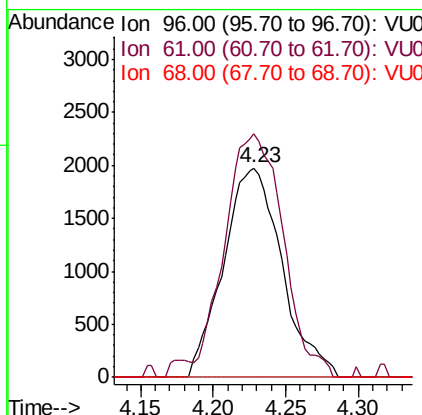
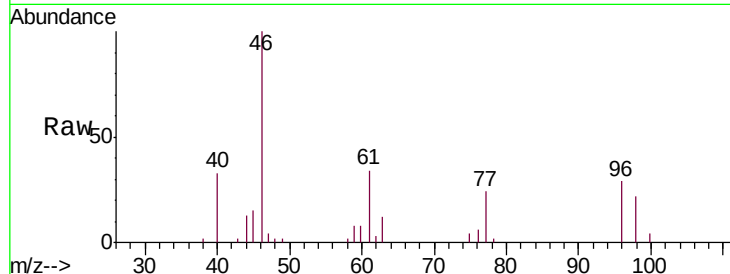




#20
 cis-1,2-Dichloroethene
 Concen: 1.478 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU030065.D
 Acq: 14 Mar 2019 11:45

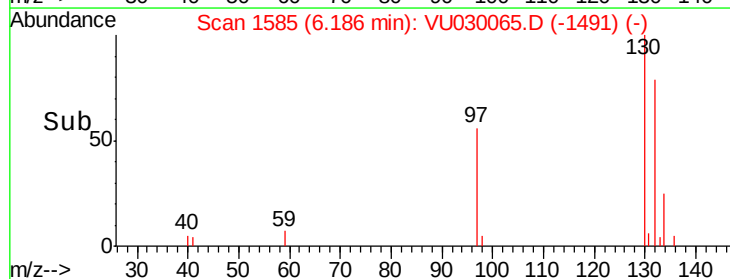
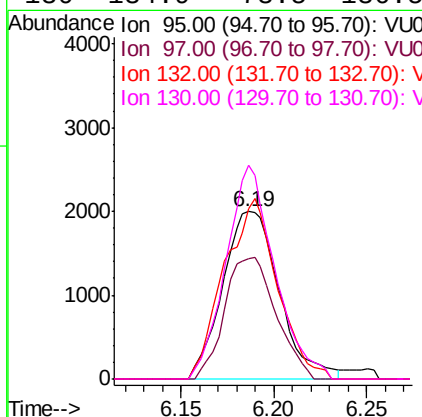
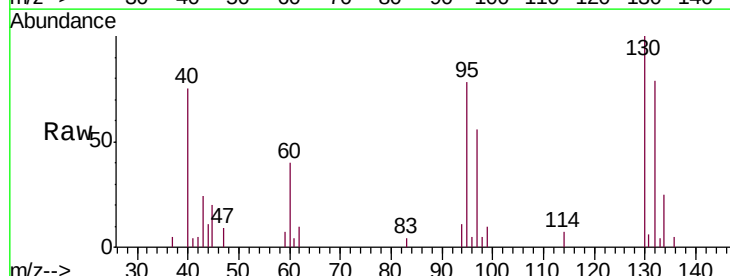
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B2DL

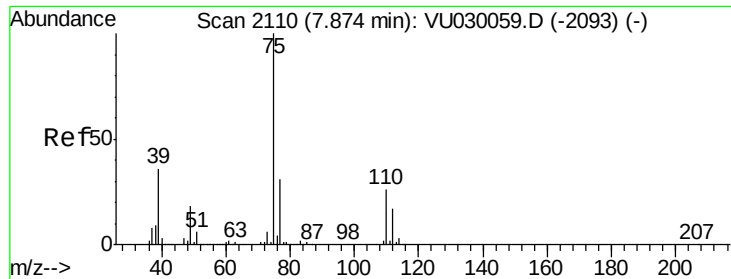
Tgt Ion:	96	Resp:	5556
Ion	Ratio	Lower	Upper
96	100		
61	116.1	80.8	150.2
68	0.0	0.0	0.0



#34
 Trichloroethene
 Concen: 1.219 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VU030065.D
 Acq: 14 Mar 2019 11:45

Tgt Ion:	95	Resp:	4238
Ion	Ratio	Lower	Upper
95	100		
97	72.0	45.5	84.5
132	101.4	71.5	132.7
130	134.9	73.5	136.5





#44

trans-1,3-Dichloropropene

Concen: 0.583 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030065.D

Acq: 14 Mar 2019 11:45

Instrument :

MSVOA_U

ClientSampleId :

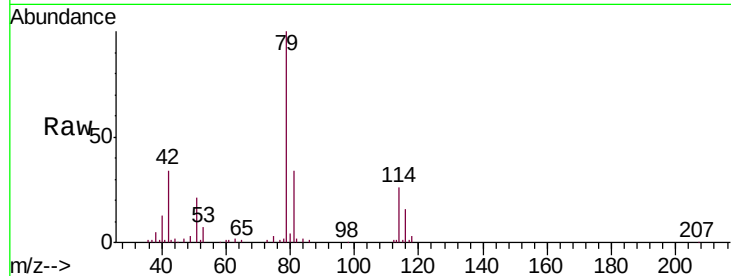
BF1B2DL

Tgt Ion: 75 Resp: 2890

Ion Ratio Lower Upper

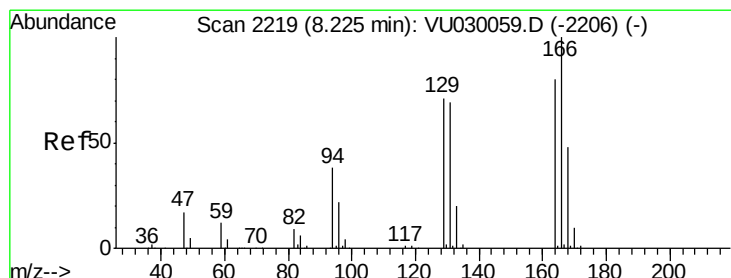
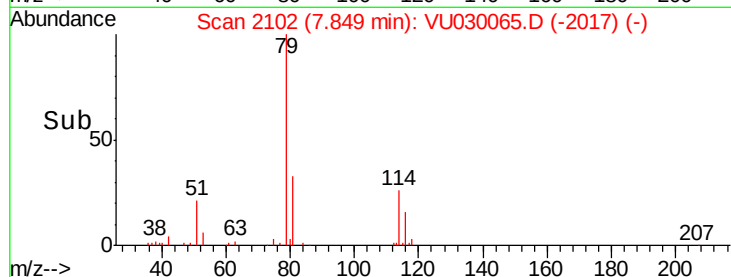
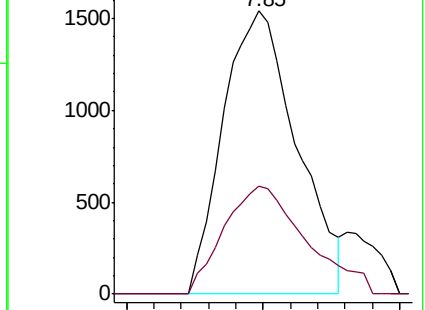
75 100

77 38.0 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU030065.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU030065.D (-2102) (-)



#46

Tetrachloroethene

Concen: 32.418 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030065.D

Acq: 14 Mar 2019 11:45

Tgt Ion: 164 Resp: 98613

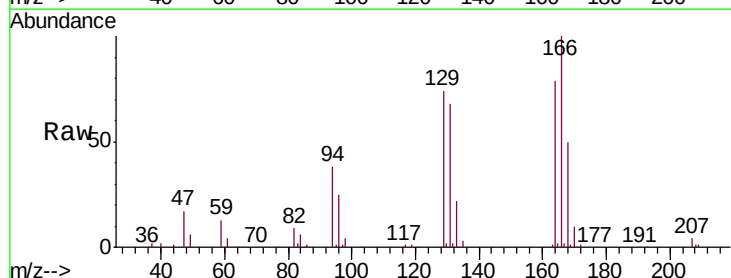
Ion Ratio Lower Upper

164 100

129 93.6 63.3 117.7

131 85.6 62.0 115.2

166 125.9 90.5 168.1

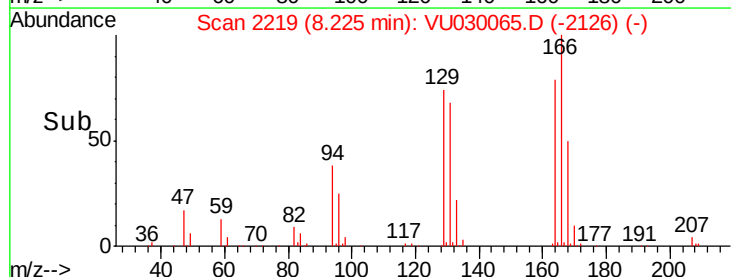
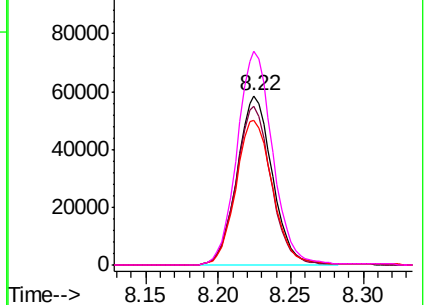


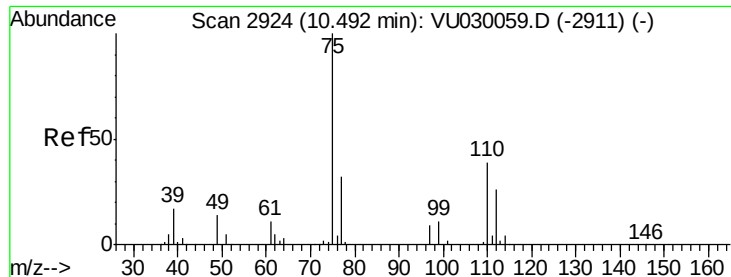
Abundance Ion 164.00 (163.70 to 164.70): VU030065.D (-2219) (-)

Ion 129.00 (128.70 to 129.70): VU030065.D (-2219) (-)

Ion 131.00 (130.70 to 131.70): VU030065.D (-2219) (-)

Ion 166.00 (165.70 to 166.70): VU030065.D (-2219) (-)





#59
 1,2,3-Trichloropropane
 Concen: 5.061 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030065.D
 Acq: 14 Mar 2019 11:45

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B2DL

Tgt Ion: 75 Resp: 22995
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.8 38.8

