

Data File : VU030070.D
Acq On : 14 Mar 2019 13:39
Operator : JC/SP
Sample : K1885-15 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1C7

Quant Time: Mar 15 01:26:15 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	471072	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	452349	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216880	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	156217	50.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.28%
7) Chloroethane-d5	1.68	69	123290	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.04%
11) 1,1-Dichloroethene-d2	2.27	63	205829	36.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.20%
21) 2-Butanone-d5	4.17	46	210339	90.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.10%
24) Chloroform-d	4.65	84	261172	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.31	65	156690	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
32) Benzene-d6	5.34	84	568555	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
36) 1,2-Dichloropropane-d6	6.33	67	177816	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.80%
41) Toluene-d8	7.56	98	523973	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%
43) trans-1,3-Dichloropropene-	7.85	79	78759	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.24%
47) 2-Hexanone-d5	8.31	63	187221	93.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	251372	45.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	205625	48.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.88%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2495	0.806	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	1744	0.591	ug/L #	1
13) Acetone	2.33	43	1466	0.537	ug/L	70
39) cis-1,3-Dichloropropene	7.22	75	4451	0.840	ug/L #	53
44) trans-1,3-Dichloropropene	7.85	75	2894	0.598	ug/L #	69
46) Tetrachloroethene	8.22	164	397879	134.016	ug/L	98
48) 2-Hexanone	8.31	43	17802	4.539	ug/L #	64

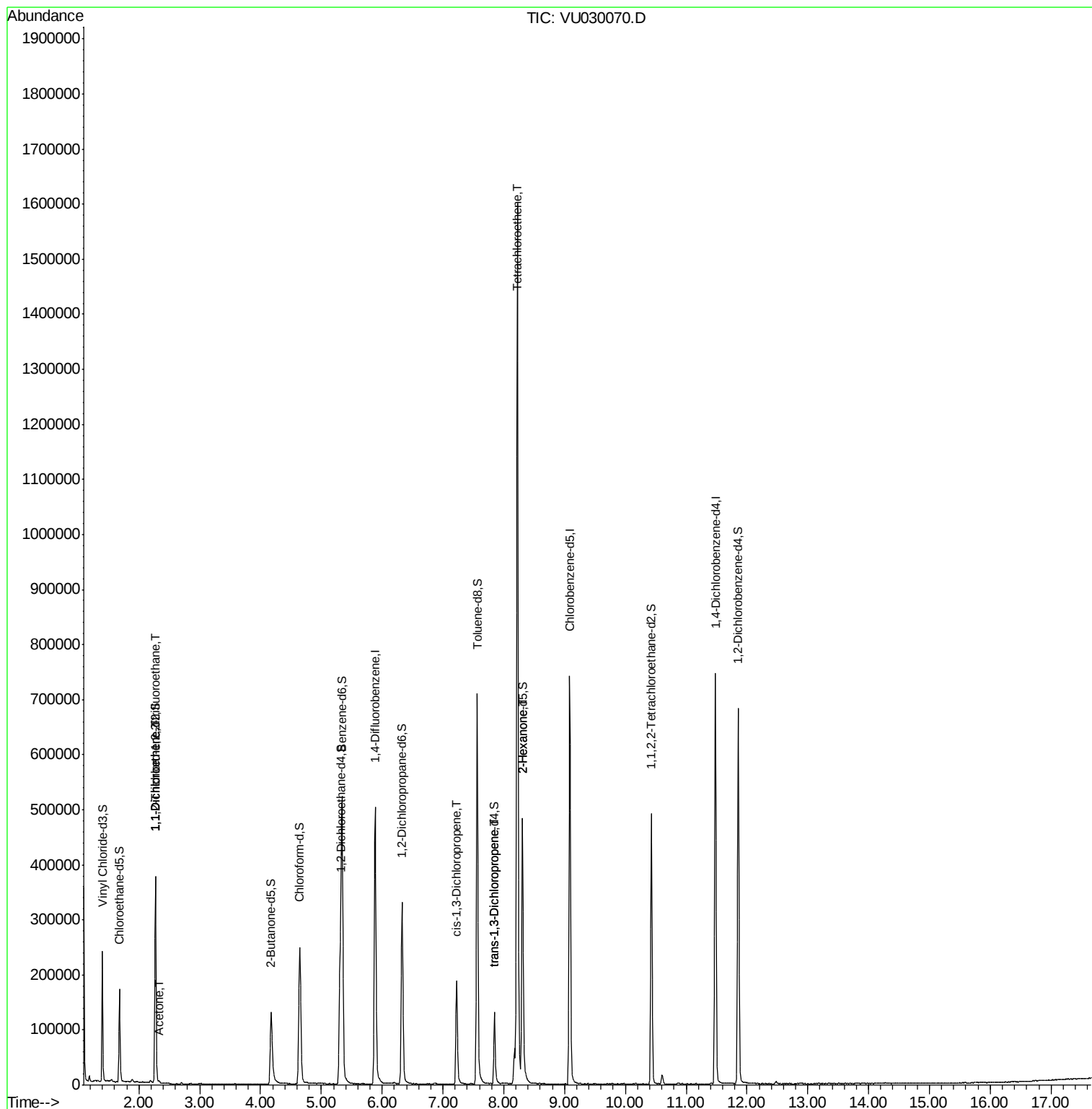
(#) = qualifier out of range (m) = manual integration (+) = signals summed

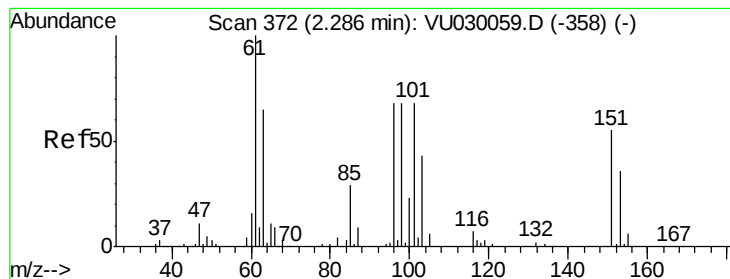
Data File : VU030070.D

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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: 0.806 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030070.D

Acq: 14 Mar 2019 13:39

Instrument :

MSVOA_U

ClientSampleId :

BF1C7

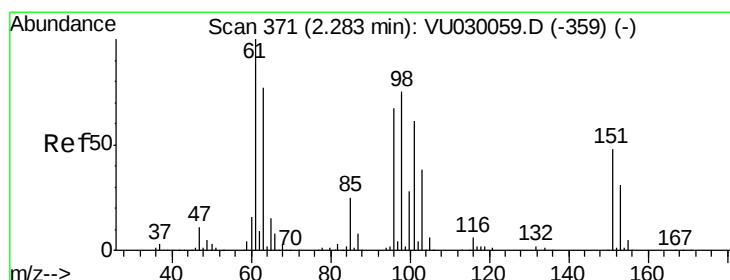
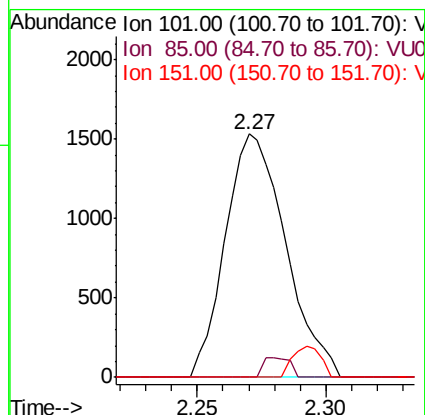
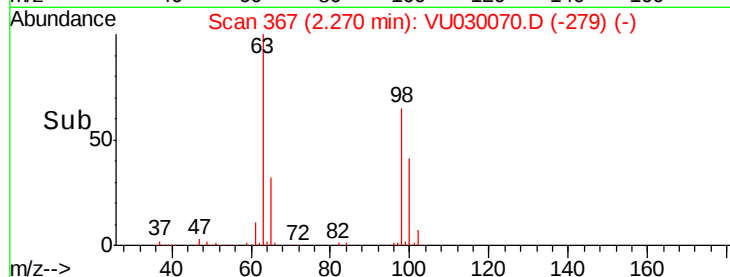
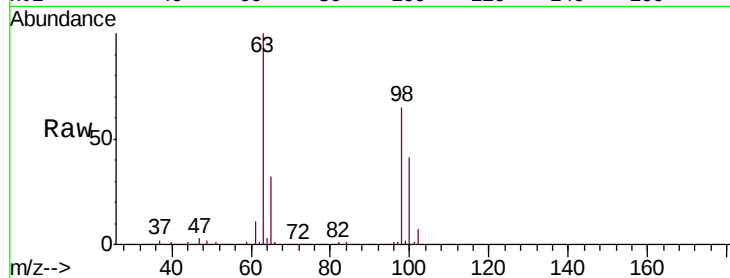
Tgt Ion:101 Resp: 2495

Ion Ratio Lower Upper

101 100

85 3.6 33.0 49.4#

151 5.9 66.1 99.1#



#12

1,1-Dichloroethene

Concen: 0.591 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030070.D

Acq: 14 Mar 2019 13:39

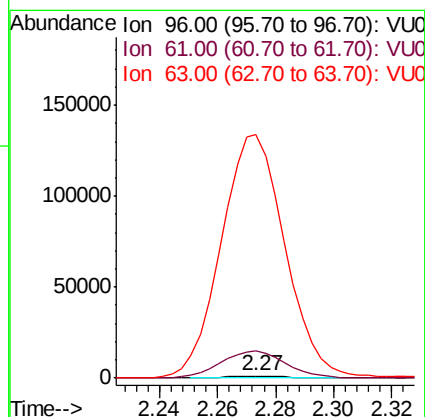
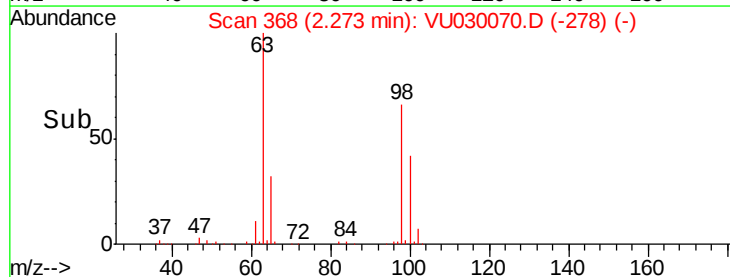
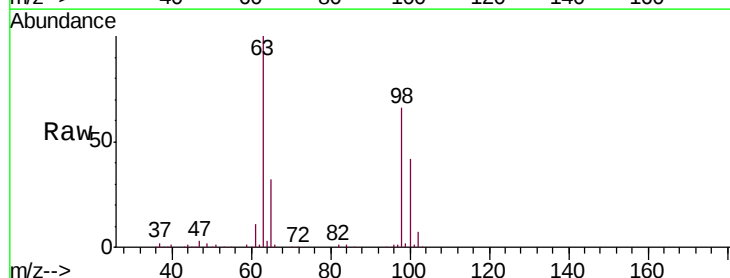
Tgt Ion: 96 Resp: 1744

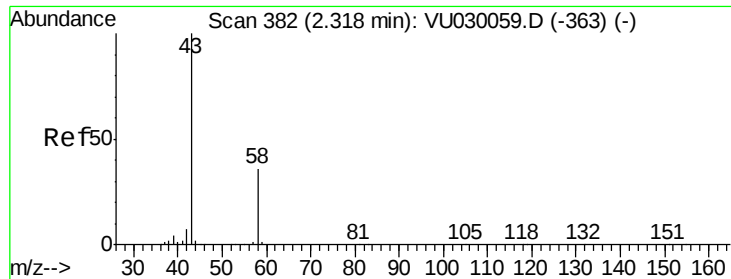
Ion Ratio Lower Upper

96 100

61 1394.7 110.4 205.0#

63 12391.1 86.5 160.7#





#13

Acetone

Concen: 0.537 ug/L

RT: 2.33 min Scan# 385

Delta R.T. 0.01 min

Lab File: VU030070.D

Acq: 14 Mar 2019 13:39

Instrument :

MSVOA_U

ClientSampleId :

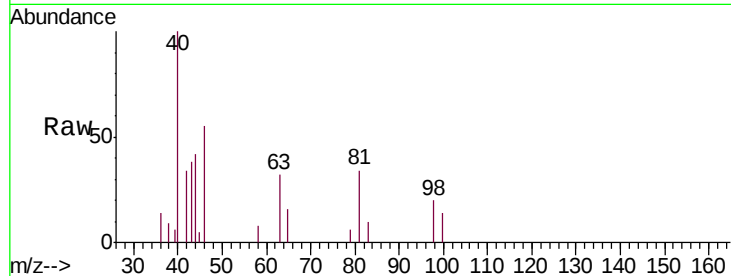
BF1C7

Tgt Ion: 43 Resp: 1466

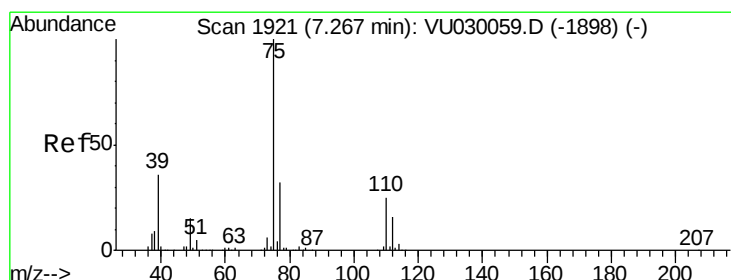
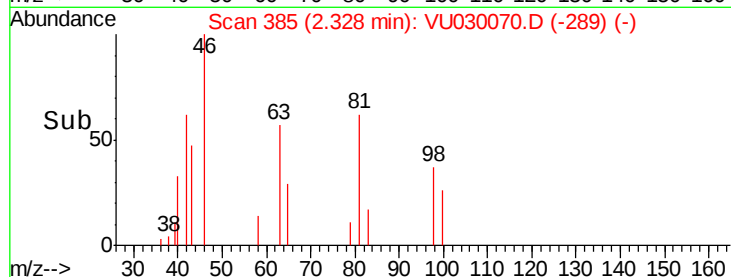
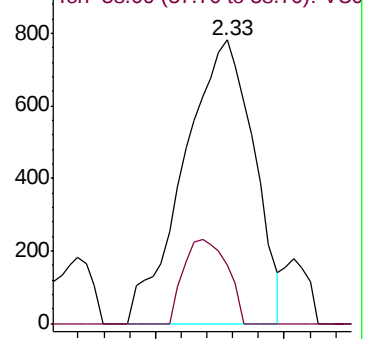
Ion Ratio Lower Upper

43 100

58 18.6 0.0 73.0



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



#39

cis-1,3-Dichloropropene

Concen: 0.840 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030070.D

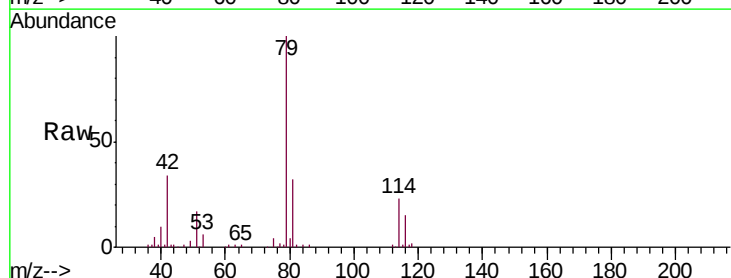
Acq: 14 Mar 2019 13:39

Tgt Ion: 75 Resp: 4451

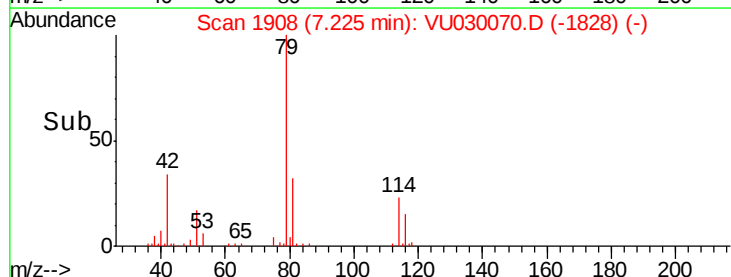
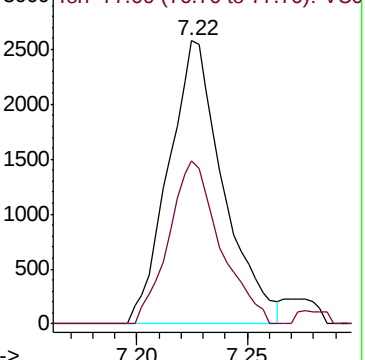
Ion Ratio Lower Upper

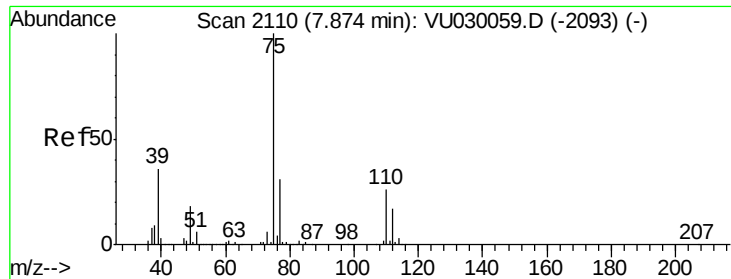
75 100

77 57.6 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU030059.D (-1898) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.598 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030070.D

Acq: 14 Mar 2019 13:39

Instrument :

MSVOA_U

ClientSampleId :

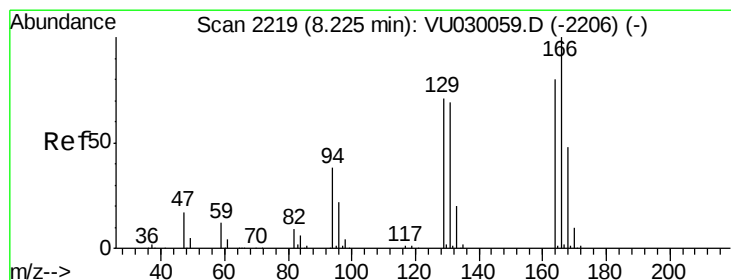
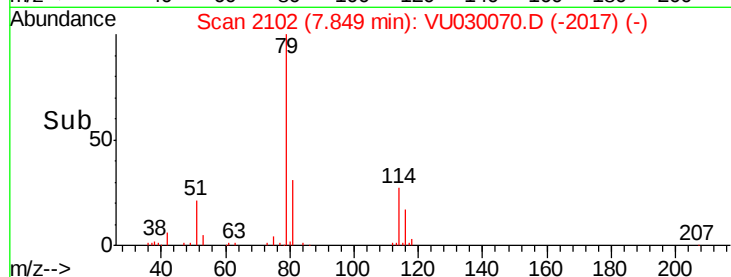
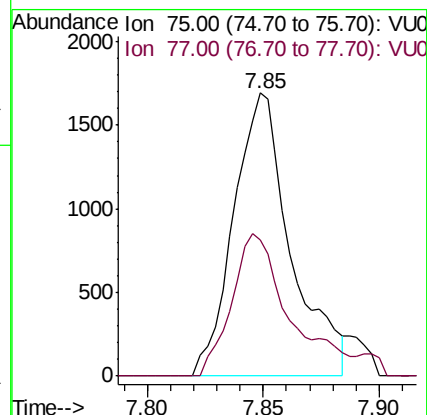
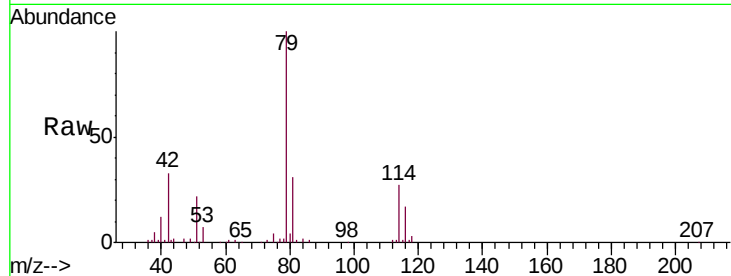
BF1C7

Tgt Ion: 75 Resp: 2894

Ion Ratio Lower Upper

75 100

77 48.2 21.9 40.7#



#46

Tetrachloroethene

Concen: 134.016 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030070.D

Acq: 14 Mar 2019 13:39

Tgt Ion: 164 Resp: 397879

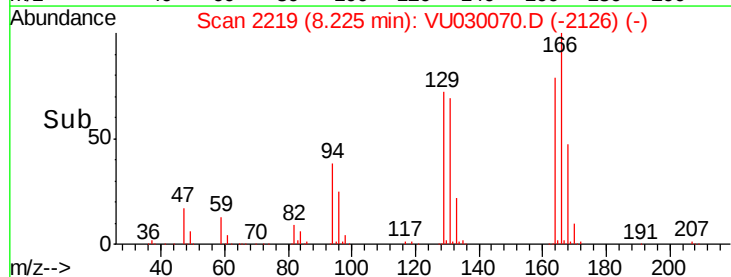
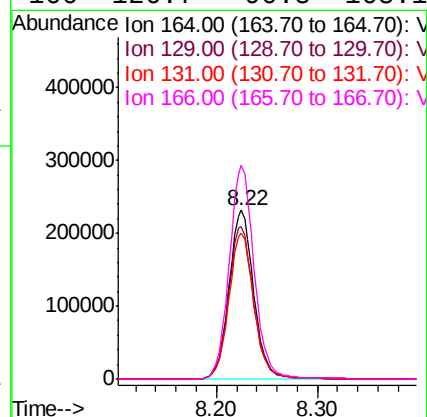
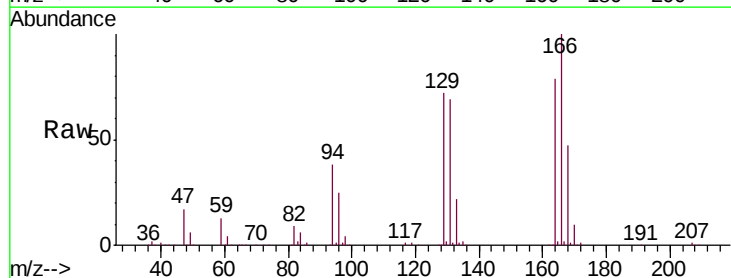
Ion Ratio Lower Upper

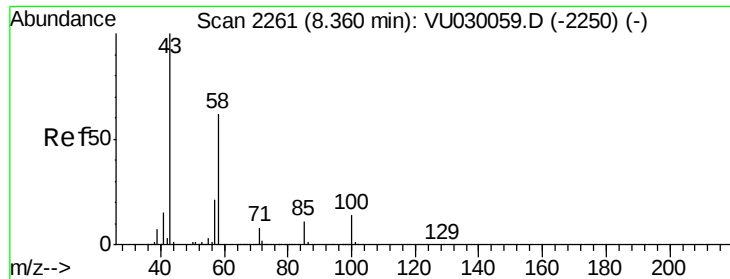
164 100

129 90.8 63.3 117.7

131 86.9 62.0 115.2

166 126.7 90.5 168.1





#48

2-Hexanone

Concen: 4.539 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

Lab File: VU030070.D

Acq: 14 Mar 2019 13:39

Instrument :

MSVOA_U

ClientSampleId :

BF1C7

Tgt Ion: 43 Resp: 17802

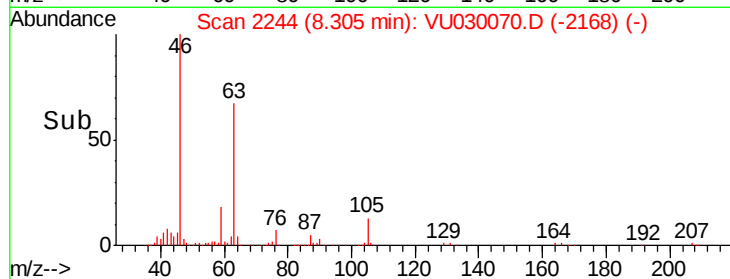
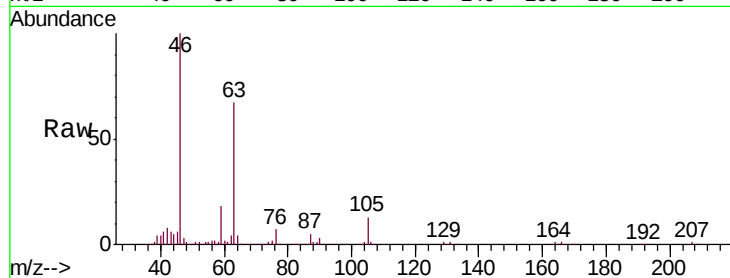
Ion Ratio Lower Upper

43 100

58 27.2 48.6 72.8#

57 26.4 16.1 24.1#

100 0.4 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

