

Data File : VU030590.D
Acq On : 31 Mar 2019 15:16
Operator : JC/SP
Sample : K2167-16DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1D0DL

Quant Time: Apr 01 02:10:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 01 02:05:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	434977	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	433068	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	172644	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143103	40.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.76%
7) Chloroethane-d5	1.68	69	123430	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.96%
11) 1,1-Dichloroethene-d2	2.27	63	222082	33.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.88%
21) 2-Butanone-d5	4.18	46	284553	86.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.47%
24) Chloroform-d	4.65	84	268685	44.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.10%
26) 1,2-Dichloroethane-d4	5.31	65	188811	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
32) Benzene-d6	5.34	84	551175	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
36) 1,2-Dichloropropane-d6	6.33	67	195670	46.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.10%
41) Toluene-d8	7.56	98	482214	43.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.46%
43) trans-1,3-Dichloropropene-	7.85	79	83894	41.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.98%
47) 2-Hexanone-d5	8.31	63	179390	77.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	265540	43.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	164747	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%

Target Compounds

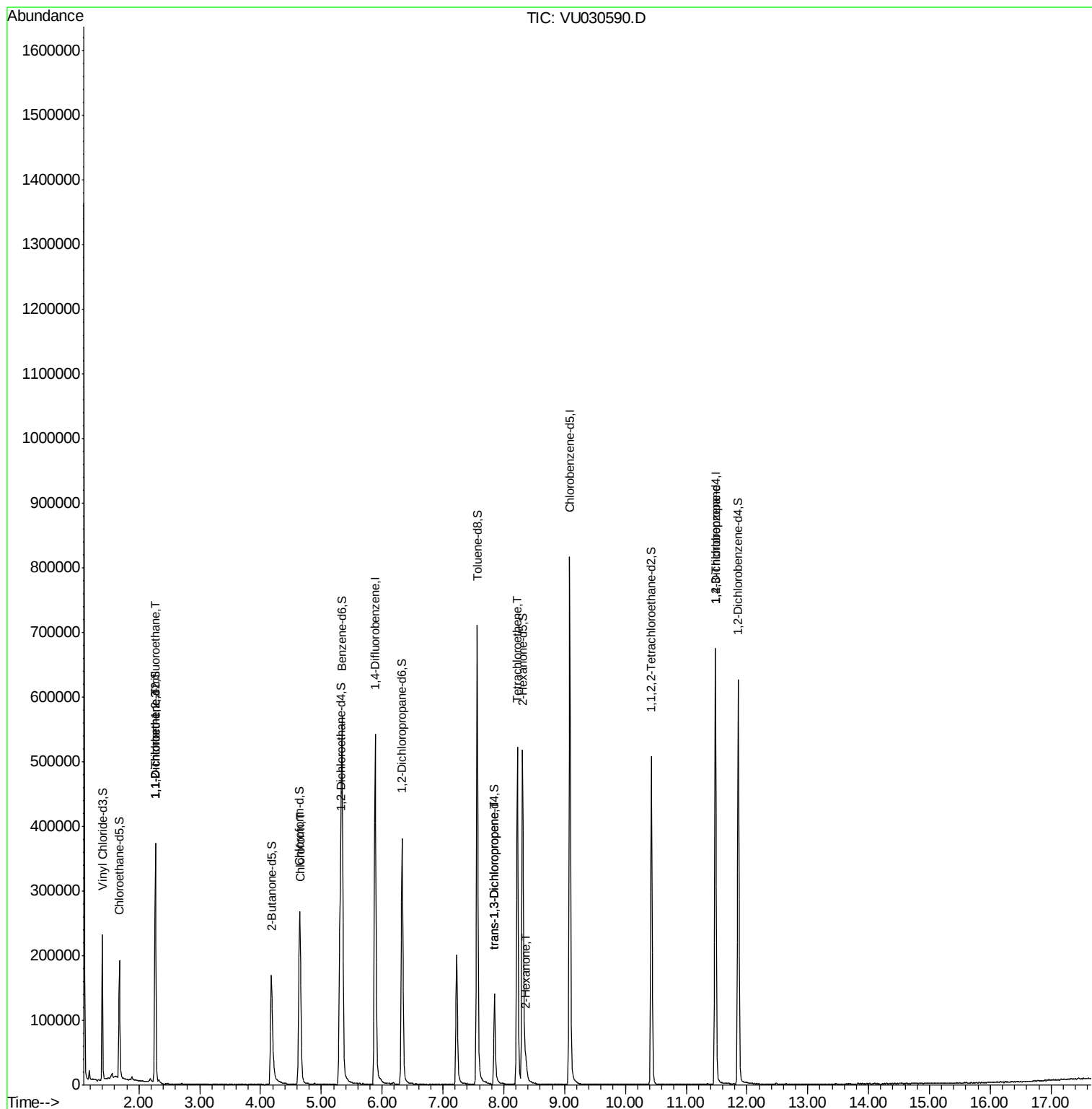
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2022	0.637	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1871	0.601	ug/L #	1
25) Chloroform	4.66	83	5858	0.920	ug/L	80
44) trans-1,3-Dichloropropene	7.85	75	3544	0.670	ug/L	95
46) Tetrachloroethene	8.22	164	115802	45.749	ug/L	98
48) 2-Hexanone	8.37	43	16645	2.890	ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	22619	4.442	ug/L	89

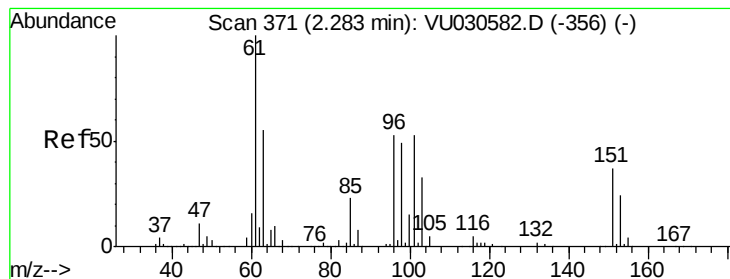
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Apr 01 02:05:14 2019
Response via : Initial Calibration





#10

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

Concen: 0.637 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030590.D

Acq: 31 Mar 2019 15:16

Instrument :

MSVOA_U

ClientSampleId :

BF1D0DL

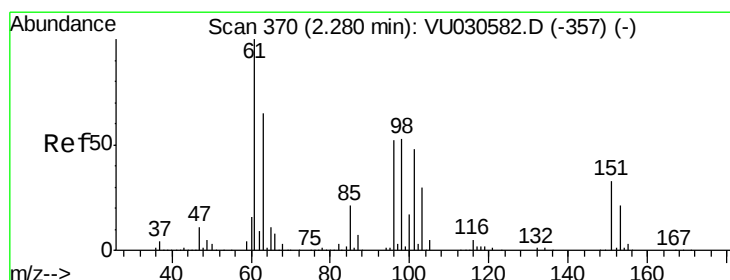
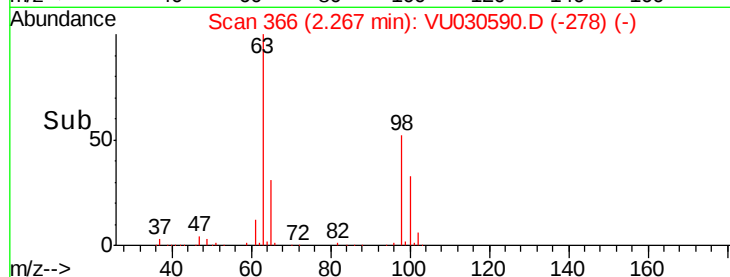
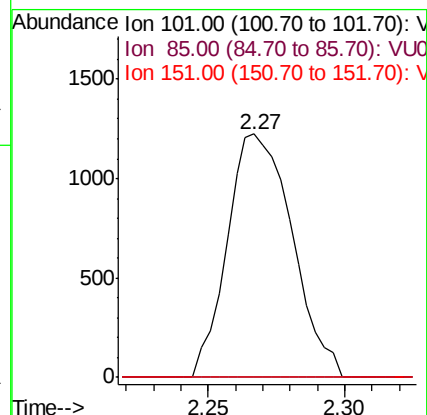
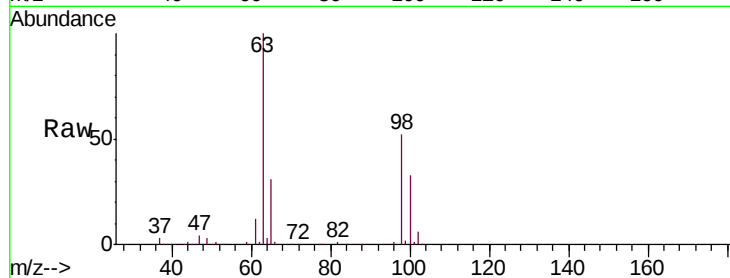
Tgt Ion: 101 Resp: 2022

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 56.6 85.0#



#12

1,1-Dichloroethene

Concen: 0.601 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030590.D

Acq: 31 Mar 2019 15:16

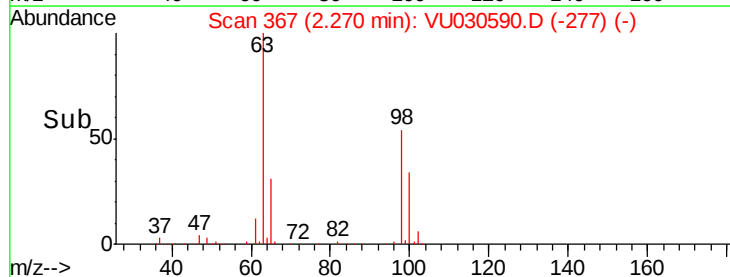
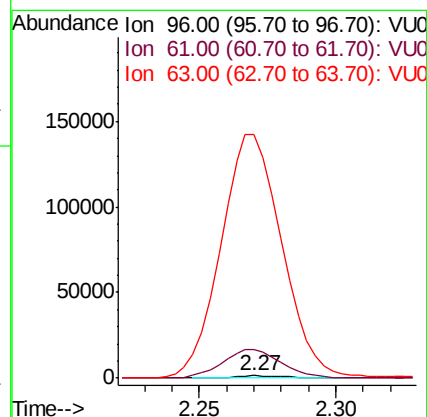
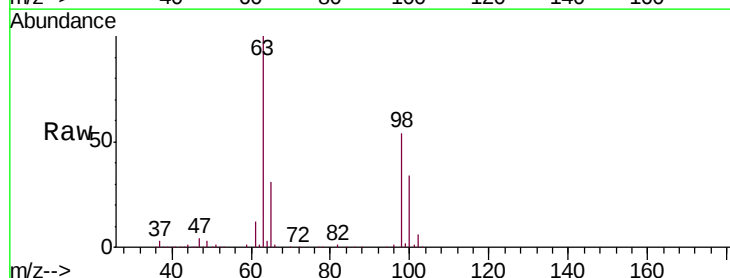
Tgt Ion: 96 Resp: 1871

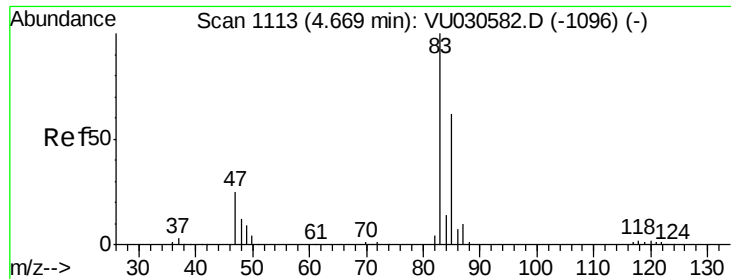
Ion Ratio Lower Upper

96 100

61 1190.9 131.0 243.4#

63 10157.7 92.4 171.6#

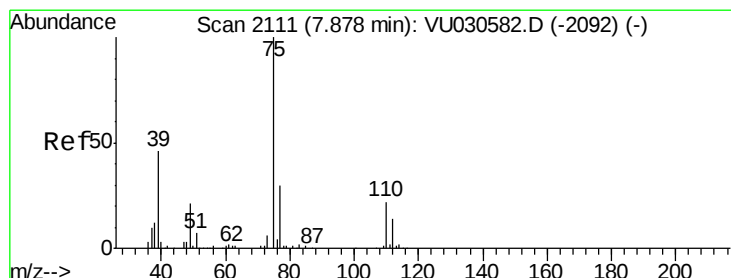
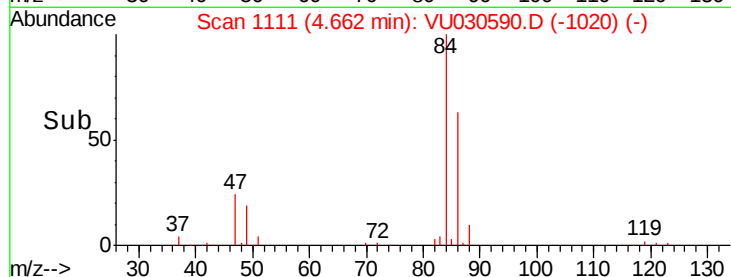
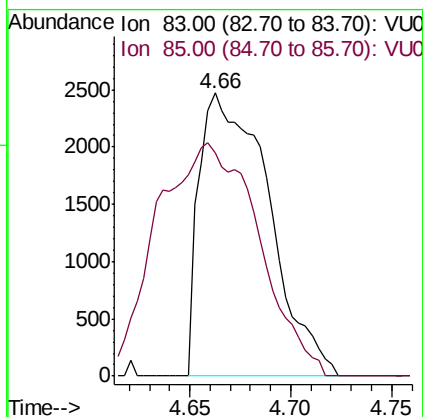
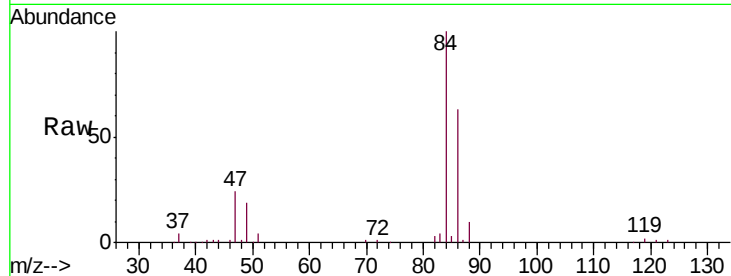




#25
Chloroform
Concen: 0.920 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VU030590.D
Acq: 31 Mar 2019 15:16

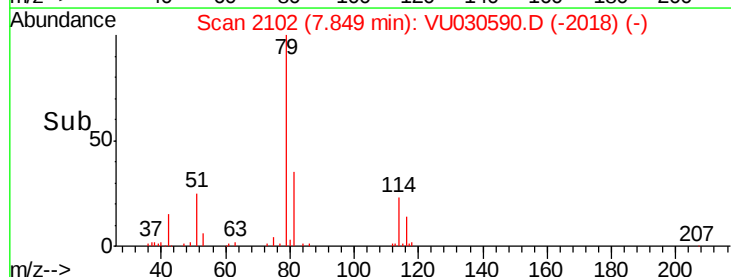
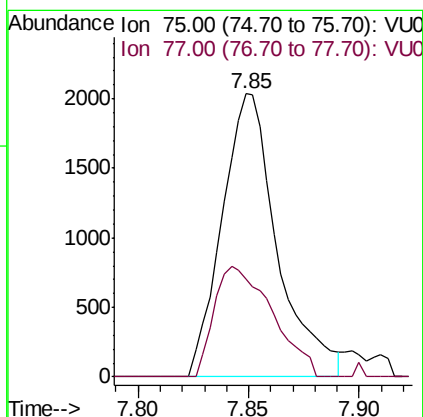
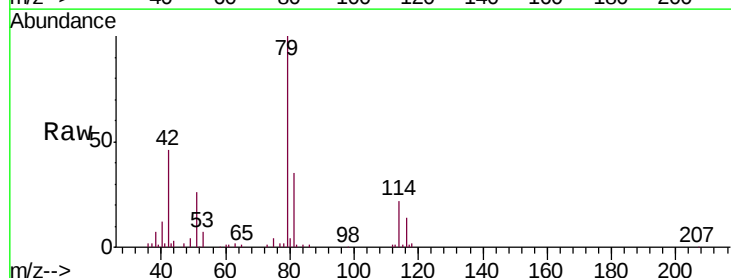
Instrument :
MSVOA_U
ClientSampled :
BF1D0DL

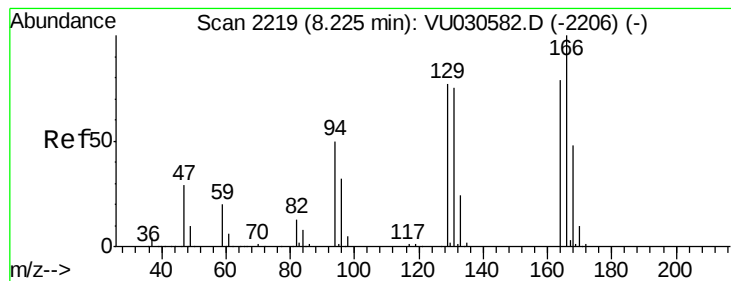
Tgt Ion: 83 Resp: 5858
Ion Ratio Lower Upper
83 100
85 78.8 44.4 82.4



#44
trans-1,3-Dichloropropene
Concen: 0.670 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030590.D
Acq: 31 Mar 2019 15:16

Tgt Ion: 75 Resp: 3544
Ion Ratio Lower Upper
75 100
77 34.4 22.0 40.8





#46

Tetrachloroethene

Concen: 45.749 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030590.D

Acq: 31 Mar 2019 15:16

Instrument :

MSVOA_U

ClientSampleId :

BF1D0DL

Tgt Ion:164 Resp: 115802

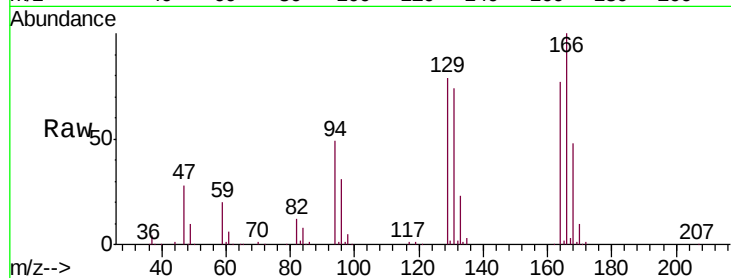
Ion Ratio Lower Upper

164 100

129 102.8 68.1 126.5

131 96.1 67.7 125.7

166 130.3 92.4 171.6

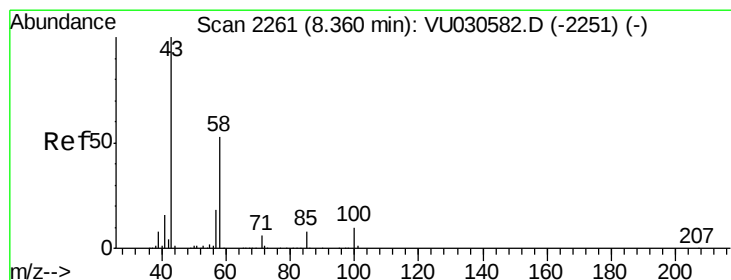
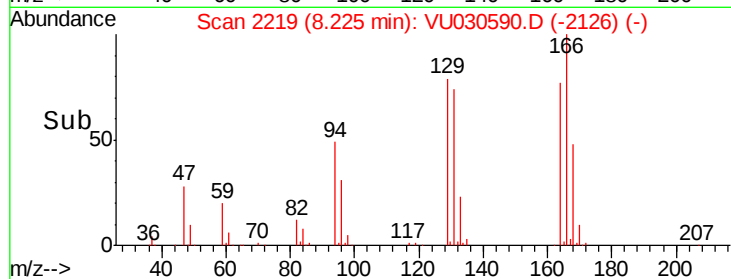
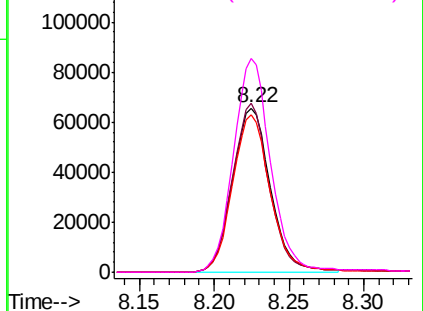


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 2.890 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU030590.D

Acq: 31 Mar 2019 15:16

Tgt Ion: 43 Resp: 16645

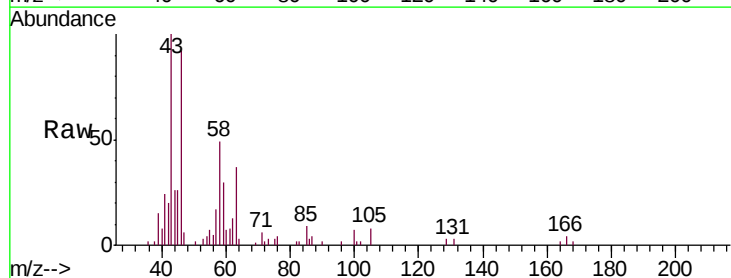
Ion Ratio Lower Upper

43 100

58 33.3 42.5 63.7#

57 4.1 15.0 22.6#

100 3.8 7.4 11.2#

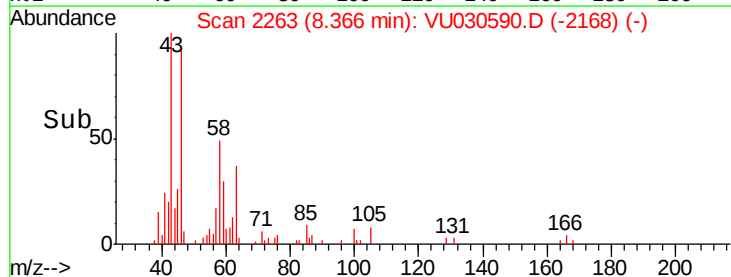
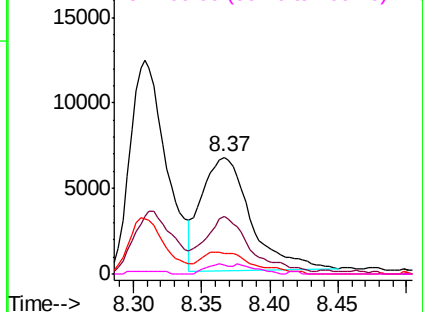


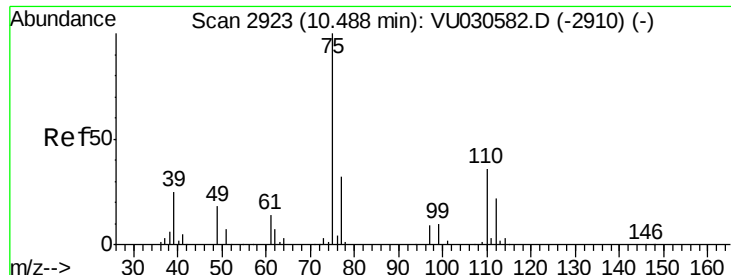
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#59

1,2,3-Trichloropropane

Concen: 4.442 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030590.D

Acq: 31 Mar 2019 15:16

Instrument :

MSVOA_U

ClientSampleId :

BF1D0DL

Tgt Ion: 75 Resp: 22619

Ion Ratio Lower Upper

75 100

77 37.9 25.4 38.2

