

Data File : VU030591.D
Acq On : 31 Mar 2019 15:39
Operator : JC/SP
Sample : K2167-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1G3RE

Quant Time: Apr 01 02:10:44 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	422222	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	401942	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161471	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139293	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.98%
7) Chloroethane-d5	1.68	69	118425	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.94%
11) 1,1-Dichloroethene-d2	2.27	63	213882	33.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.36%
21) 2-Butanone-d5	4.18	46	271927	85.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.13%
24) Chloroform-d	4.65	84	261485	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
26) 1,2-Dichloroethane-d4	5.31	65	179025	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
32) Benzene-d6	5.34	84	526003	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
36) 1,2-Dichloropropane-d6	6.33	67	192460	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.60%
41) Toluene-d8	7.56	98	458893	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%
43) trans-1,3-Dichloropropene-	7.85	79	81260	43.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.64%
47) 2-Hexanone-d5	8.31	63	157327	73.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	254305	45.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	158385	48.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.90%

Target Compounds

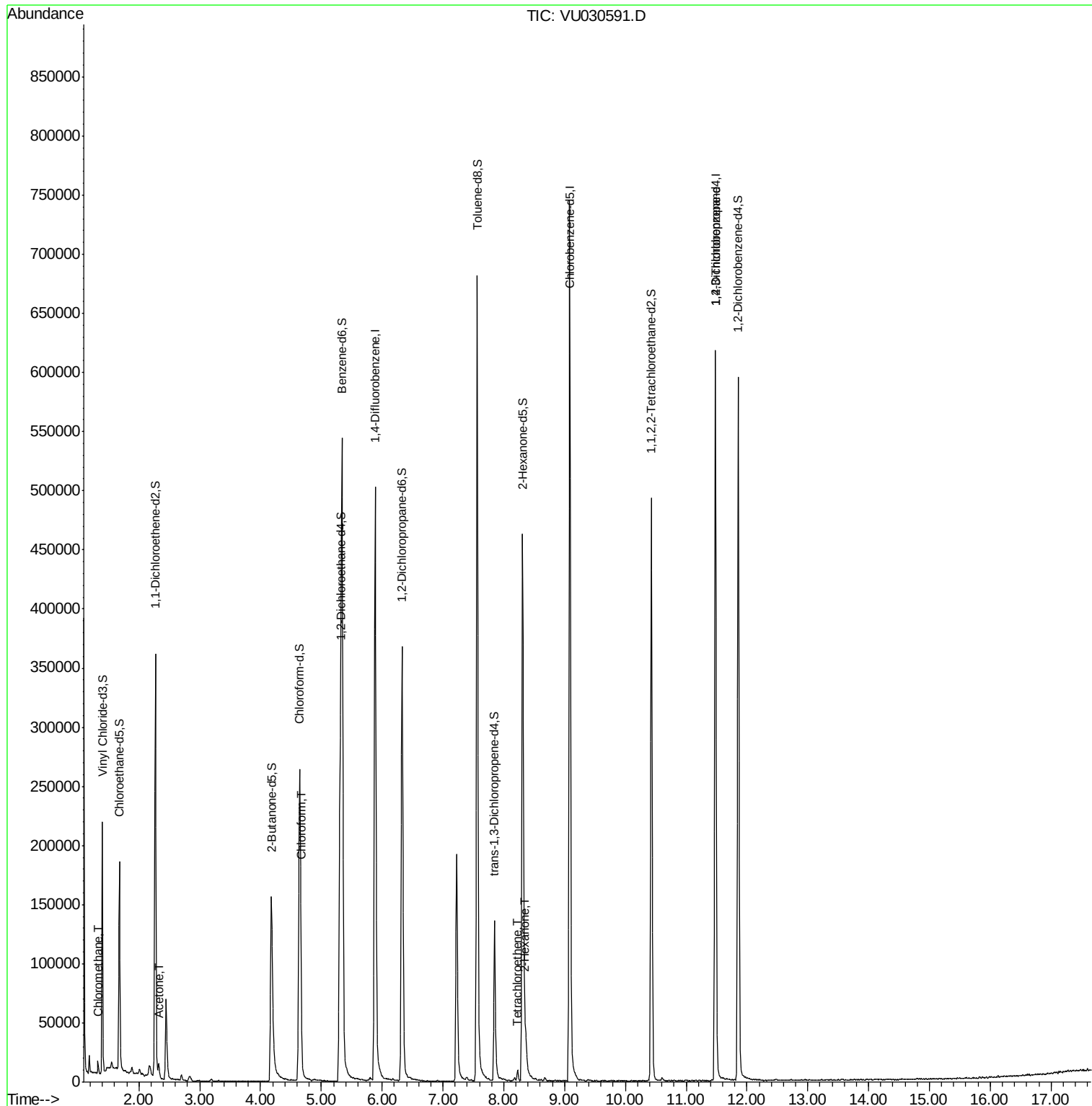
					Qvalue
3) Chloromethane	1.33	50	7105	1.364 ug/L	97
13) Acetone	2.32	43	9958	3.083 ug/L	98
25) Chloroform	4.67	83	3842	0.621 ug/L	85
46) Tetrachloroethene	8.23	164	2061	0.877 ug/L	89
48) 2-Hexanone	8.36	43	11246	2.104 ug/L #	93
59) 1,2,3-Trichloropropane	11.48	75	20561	4.350 ug/L	92

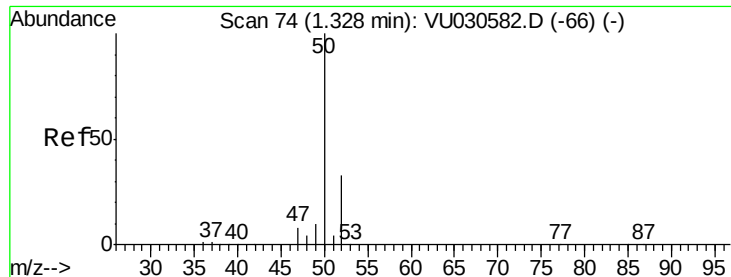
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.364 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU030591.D

Acq: 31 Mar 2019 15:39

Instrument :

MSVOA_U

ClientSampleId :

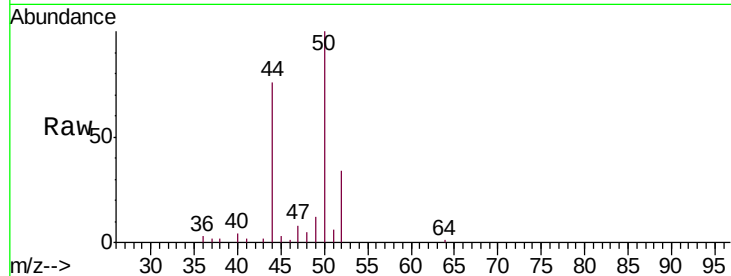
BF1G3RE

Tgt Ion: 50 Resp: 7105

Ion Ratio Lower Upper

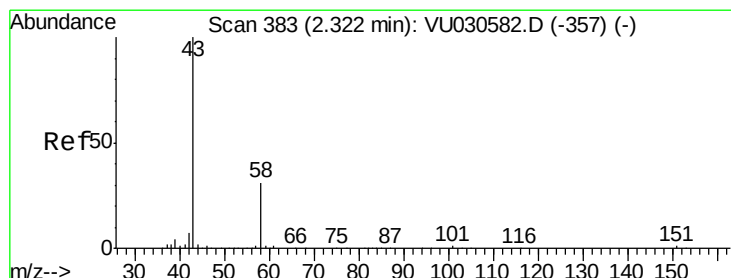
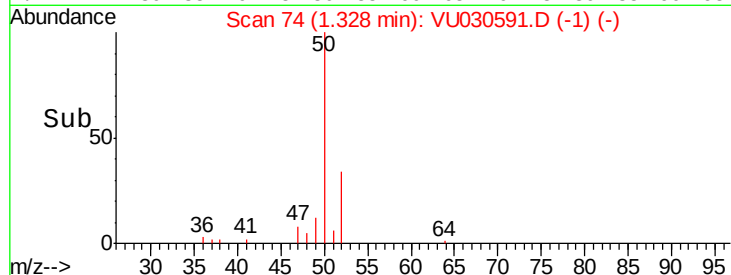
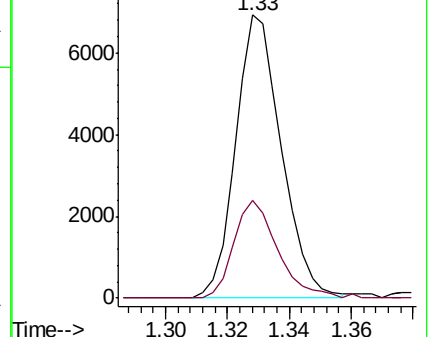
50 100

52 34.4 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU030582.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU030582.D (-66) (-)



#13

Acetone

Concen: 3.083 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU030591.D

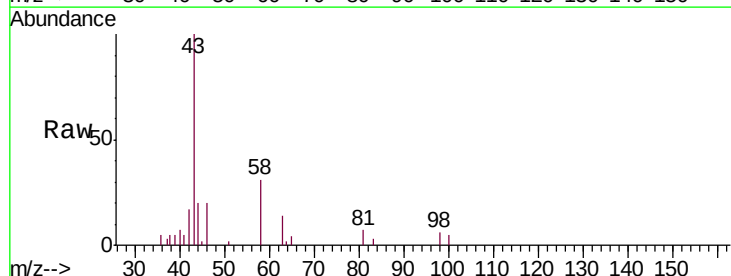
Acq: 31 Mar 2019 15:39

Tgt Ion: 43 Resp: 9958

Ion Ratio Lower Upper

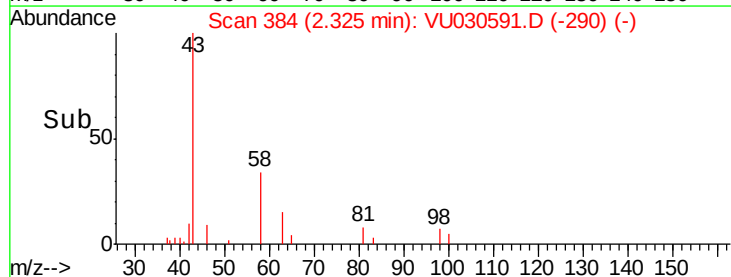
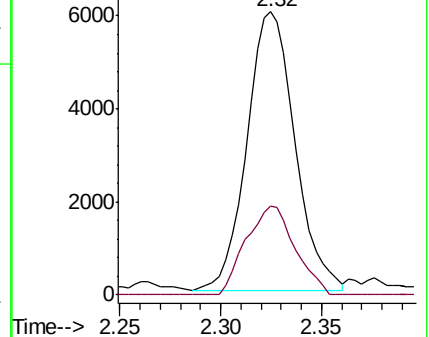
43 100

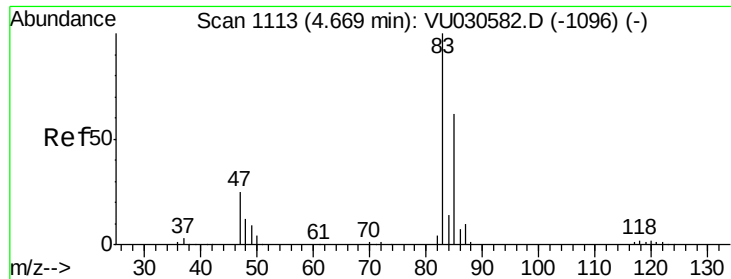
58 32.6 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030582.D (-357) (-)

Ion 58.00 (57.70 to 58.70): VU030582.D (-357) (-)

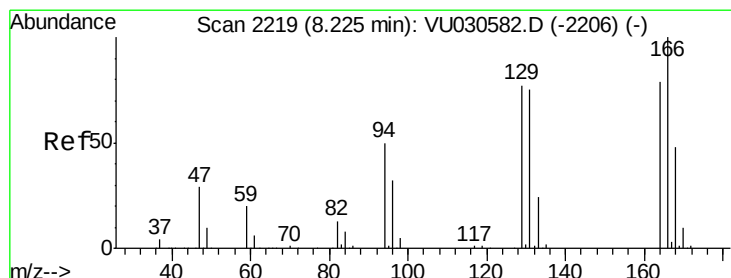
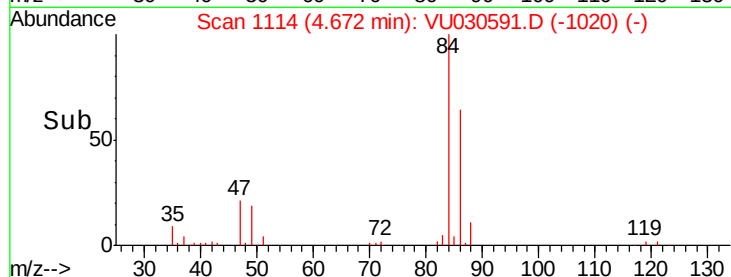
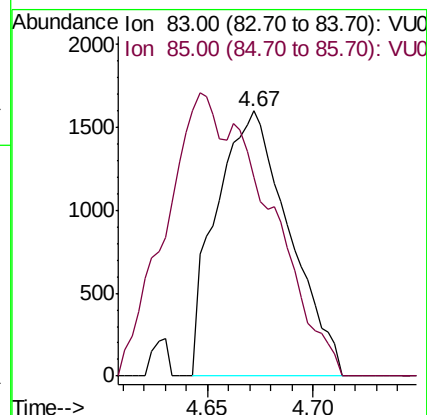
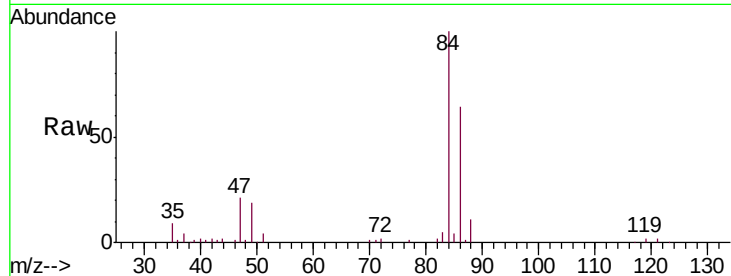




#25
Chloroform
Concen: 0.621 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU030591.D
Acq: 31 Mar 2019 15:39

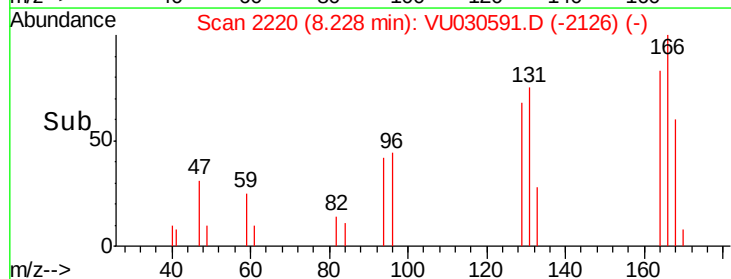
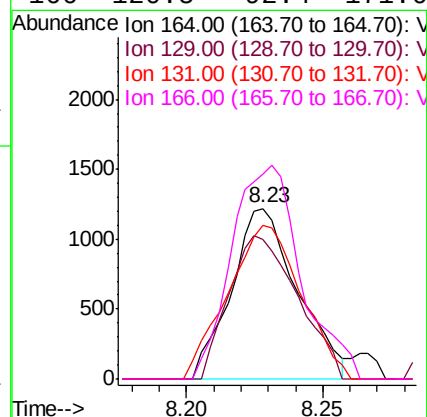
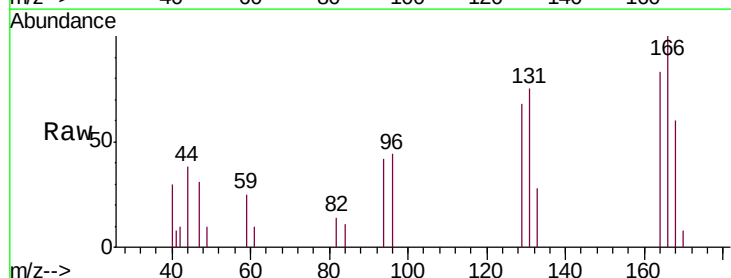
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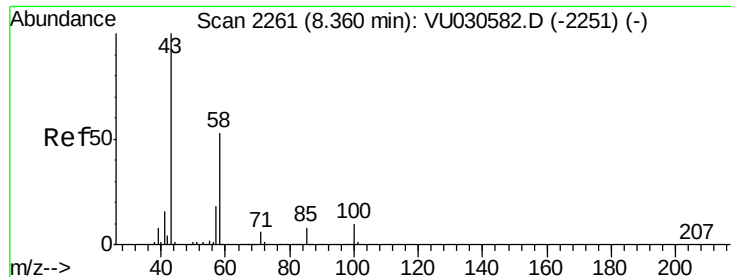
Tgt Ion: 83 Resp: 3842
Ion Ratio Lower Upper
83 100
85 74.9 44.4 82.4



#46
Tetrachloroethene
Concen: 0.877 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU030591.D
Acq: 31 Mar 2019 15:39

Tgt Ion: 164 Resp: 2061
Ion Ratio Lower Upper
164 100
129 82.1 68.1 126.5
131 89.8 67.7 125.7
166 120.5 92.4 171.6





#48

2-Hexanone

Concen: 2.104 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VU030591.D

Acq: 31 Mar 2019 15:39

Instrument :

MSVOA_U

ClientSampleId :

BF1G3RE

Tgt Ion: 43 Resp: 11246

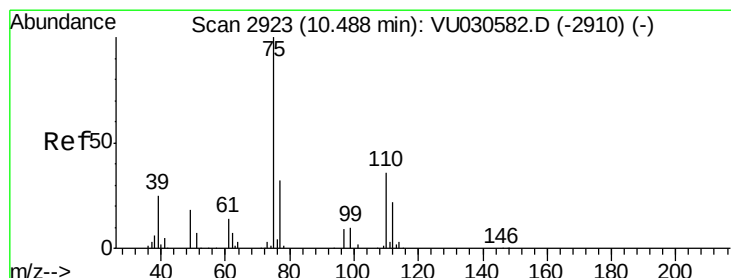
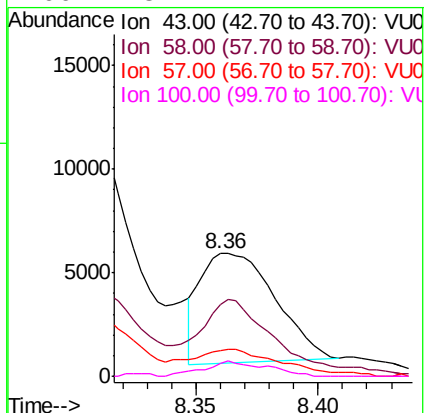
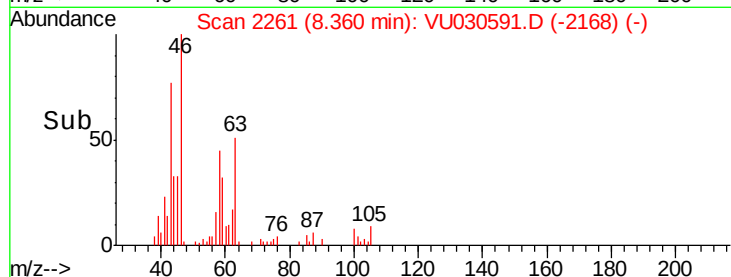
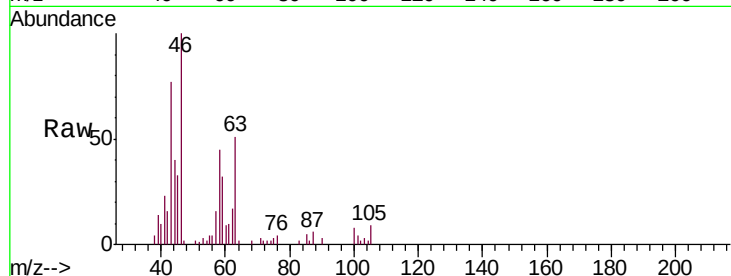
Ion Ratio Lower Upper

43 100

58 56.5 42.5 63.7

57 26.5 15.0 22.6#

100 8.7 7.4 11.2



#59

1,2,3-Trichloropropane

Concen: 4.350 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030591.D

Acq: 31 Mar 2019 15:39

Tgt Ion: 75 Resp: 20561

Ion Ratio Lower Upper

75 100

77 36.1 25.4 38.2

