

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031108.D
 Acq On : 12 Apr 2019 06:43
 Operator : JC/SP
 Sample : K2353-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ63

Quant Time: Apr 12 07:31:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	554993	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	535423	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233236	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	163386	32.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.96%
7) Chloroethane-d5	1.68	69	140630	37.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.80%
11) 1,1-Dichloroethene-d2	2.27	63	271205	30.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.54%
21) 2-Butanone-d5	4.19	46	366946	93.45	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.45%
24) Chloroform-d	4.64	84	305040	40.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.62%
26) 1,2-Dichloroethane-d4	5.30	65	225794	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
32) Benzene-d6	5.33	84	646639	41.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.74%
36) 1,2-Dichloropropane-d6	6.32	67	229965	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.86%
41) Toluene-d8	7.56	98	546152	39.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.84%#
43) trans-1,3-Dichloropropene-	7.85	79	93613	38.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.66%
47) 2-Hexanone-d5	8.31	63	205751	84.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	323954	44.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	212878	46.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.82%

Target Compounds

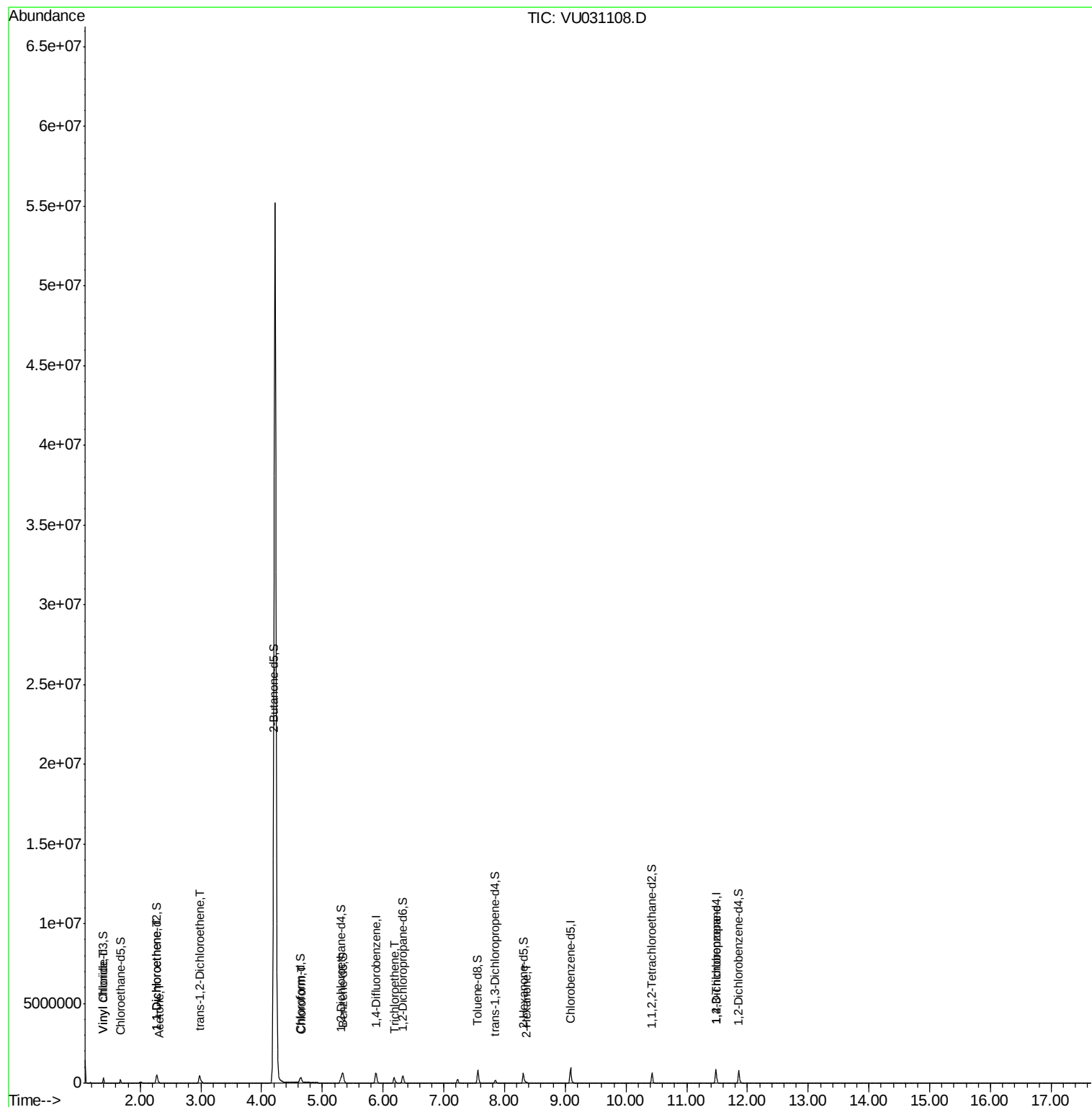
					Ovalue
5) Vinyl chloride	1.40	62	66604	10.911	ug/L 84
12) 1,1-Dichloroethene	2.28	96	73439	19.143	ug/L # 54
13) Acetone	2.32	43	7488	1.864	ug/L 97
17) trans-1,2-Dichloroethene	2.98	96	210106	51.580	ug/L 99
25) Chloroform	4.67	83	27656	3.273	ug/L 97
34) Trichloroethene	6.18	95	130223	30.303	ug/L 93
48) 2-Hexanone	8.36	43	16509	2.652	ug/L # 66
59) 1,2,3-Trichloropropane	11.48	75	28320	4.766	ug/L 89

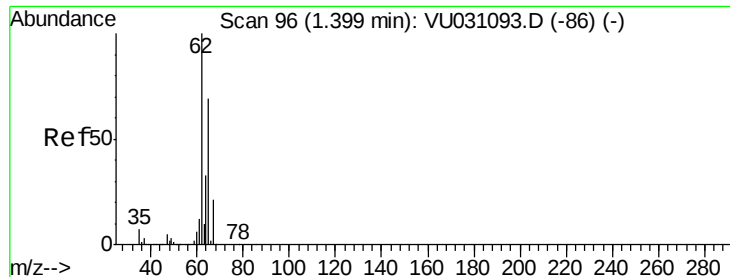
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 10.911 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031108.D

Acq: 12 Apr 2019 06:43

Instrument :

MSVOA_U

ClientSampleId :

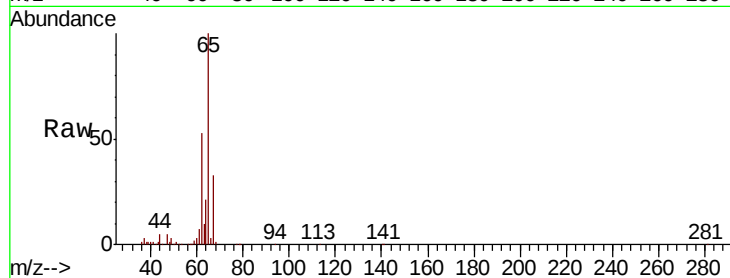
ETJ63

Tot Ion: 62 Resp: 66604

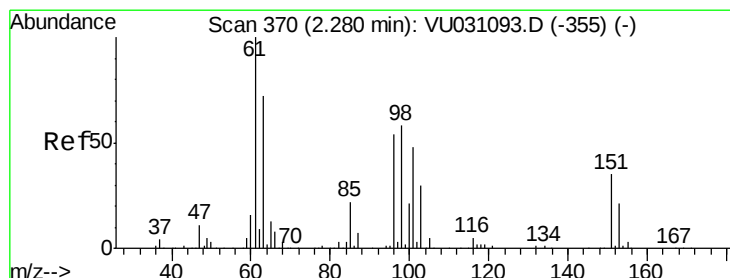
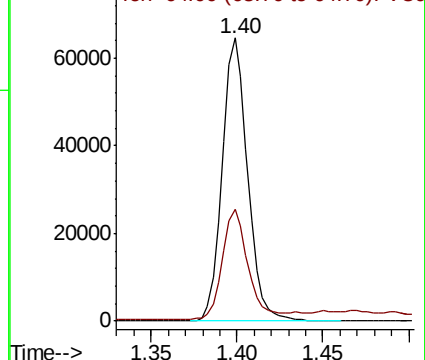
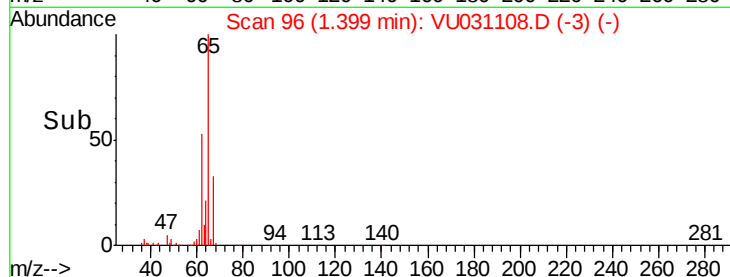
Ion Ratio Lower Upper

62 100

64 39.4 21.5 39.9



Abundance Ion 62.00 (61.70 to 62.70): VU031108.D (-3) (-)



#12

1,1-Dichloroethene

Concen: 19.143 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU031108.D

Acq: 12 Apr 2019 06:43

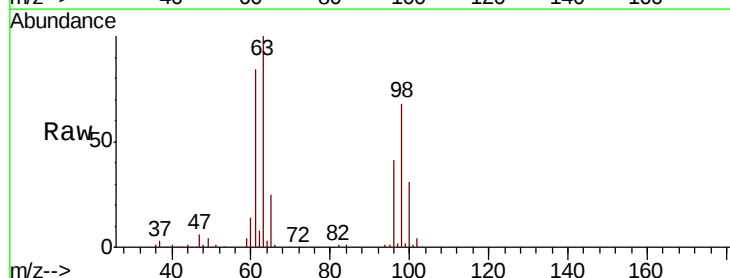
Tgt Ion: 96 Resp: 73439

Ion Ratio Lower Upper

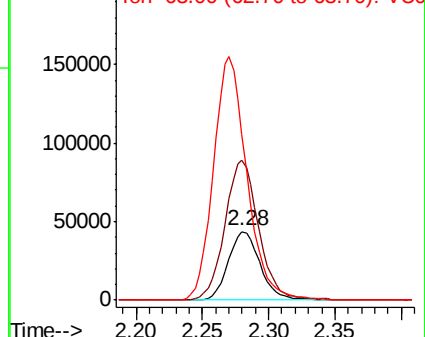
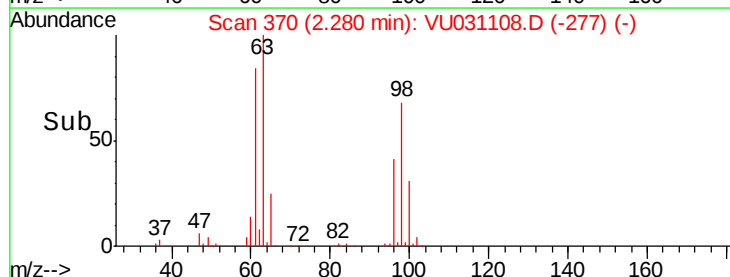
96 100

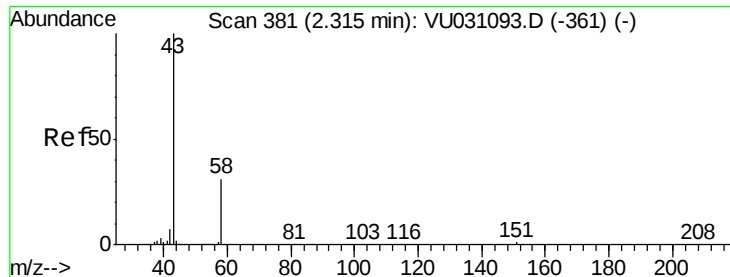
61 203.9 132.0 245.2

63 242.3 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU031108.D (-277) (-)





#13

Acetone

Concen: 1.864 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031108.D

Acq: 12 Apr 2019 06:43

Instrument :

MSVOA_U

ClientSampleId :

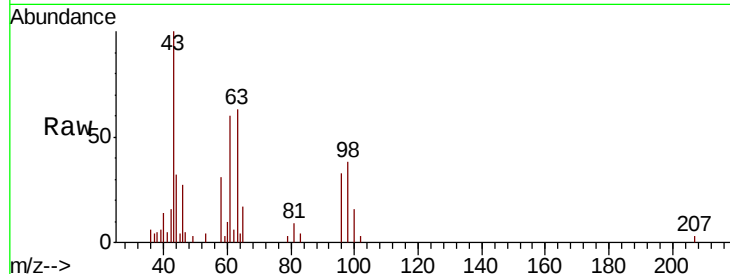
ETJ63

Tot Ion: 43 Resp: 7488

Ion Ratio Lower Upper

43 100

58 33.6 0.0 64.0

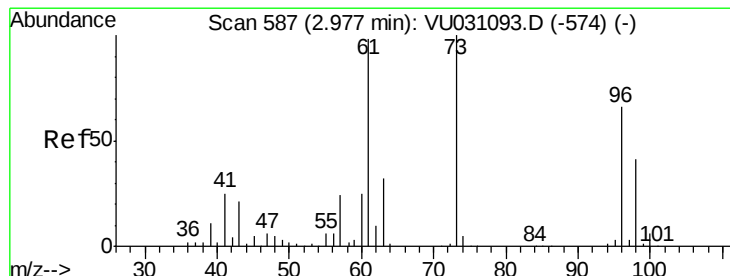
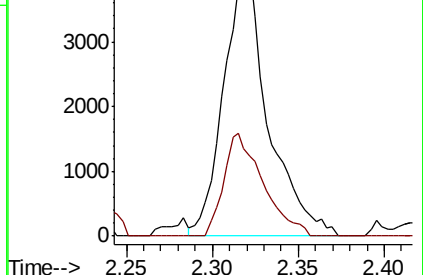
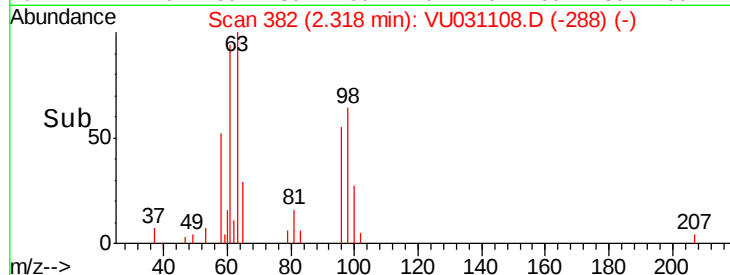


Abundance Ion 43.00 (42.70 to 43.70): VU031108.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU031108.D (-361) (-)

2.32

Time-->



#17

trans-1,2-Dichloroethene

Concen: 51.580 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU031108.D

Acq: 12 Apr 2019 06:43

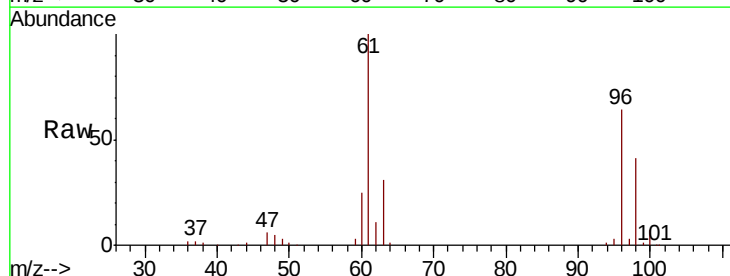
Tgt Ion: 96 Resp: 210106

Ion Ratio Lower Upper

96 100

61 155.1 109.5 203.3

98 63.2 44.0 81.6



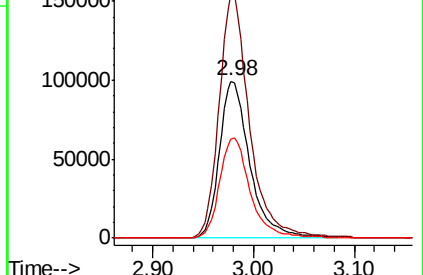
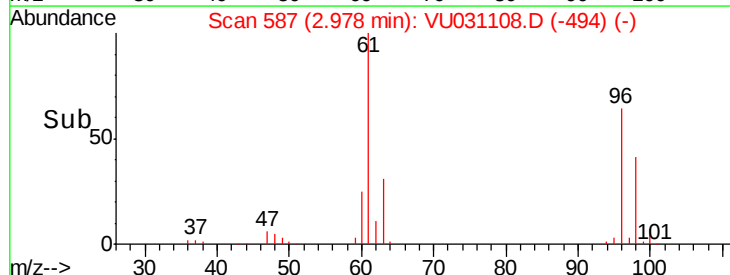
Abundance Ion 96.00 (95.70 to 96.70): VU031108.D (-494) (-)

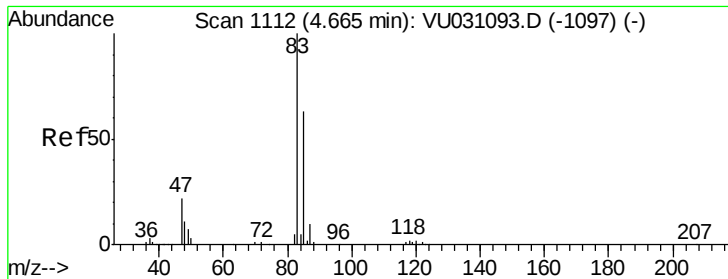
Ion 61.00 (60.70 to 61.70): VU031108.D (-494) (-)

Ion 98.00 (97.70 to 98.70): VU031108.D (-494) (-)

2.98

Time-->





#25

Chloroform

Concen: 3.273 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU031108.D

Acq: 12 Apr 2019 06:43

Instrument :

MSVOA_U

ClientSampleId :

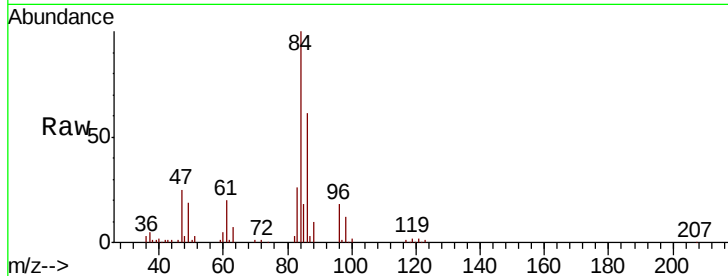
ETJ63

Tot Ion: 83 Resp: 27656

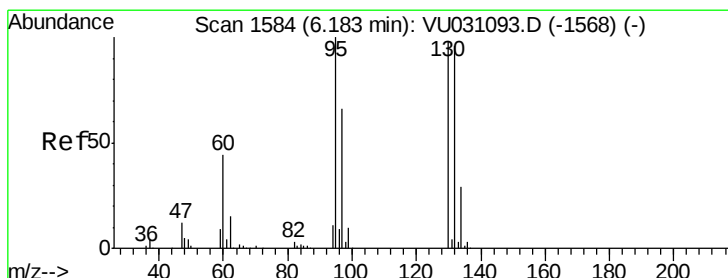
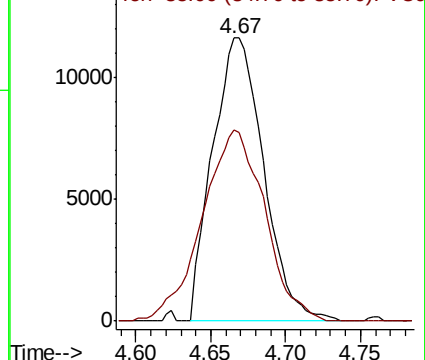
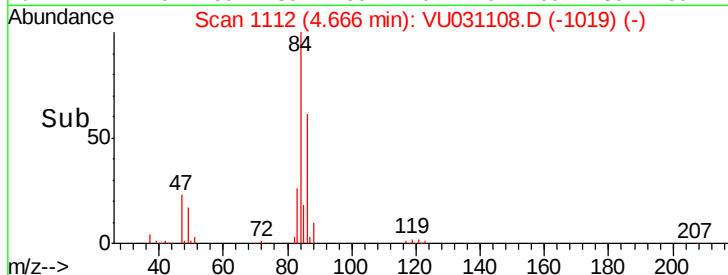
Ion Ratio Lower Upper

83 100

85 67.7 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031108.D (-1019) (-)



#34

Trichloroethene

Concen: 30.303 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031108.D

Acq: 12 Apr 2019 06:43

Tgt Ion: 95 Resp: 130223

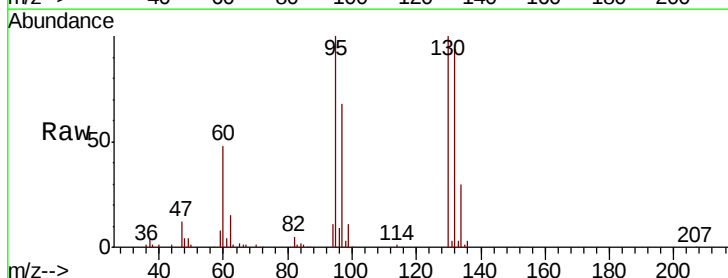
Ion Ratio Lower Upper

95 100

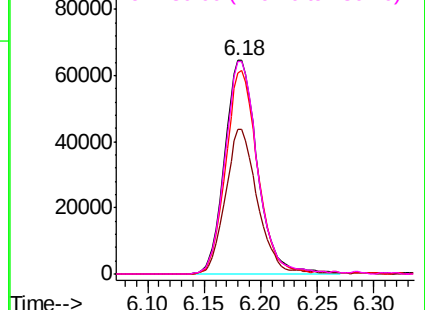
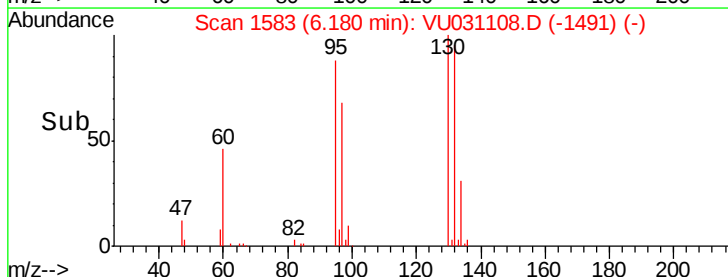
97 67.8 44.5 82.7

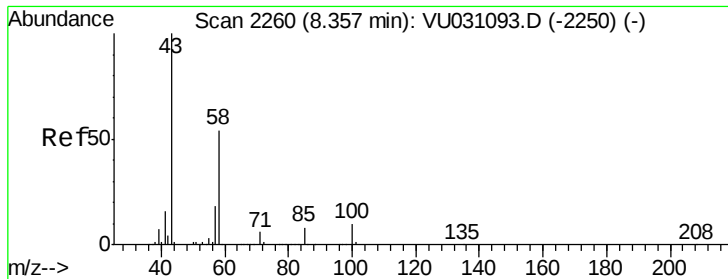
132 94.3 61.5 114.1

130 99.6 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU031108.D (-1491) (-)

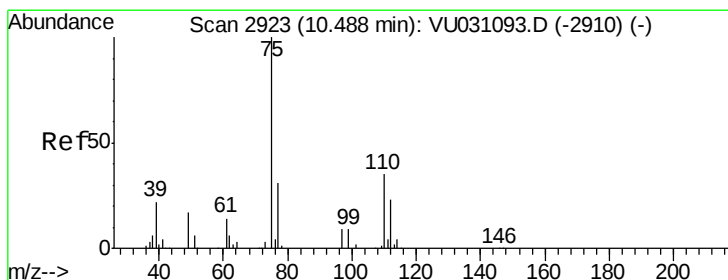
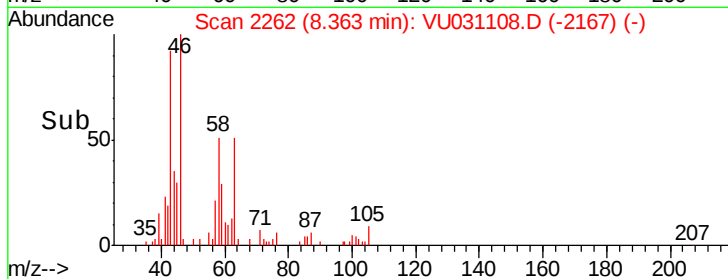
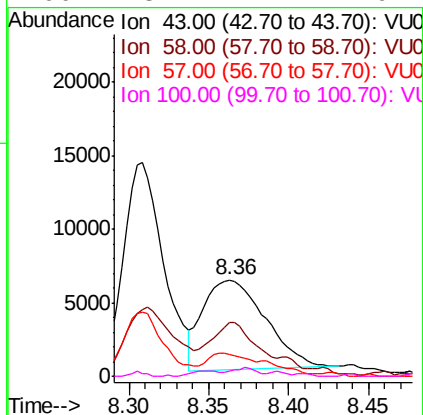
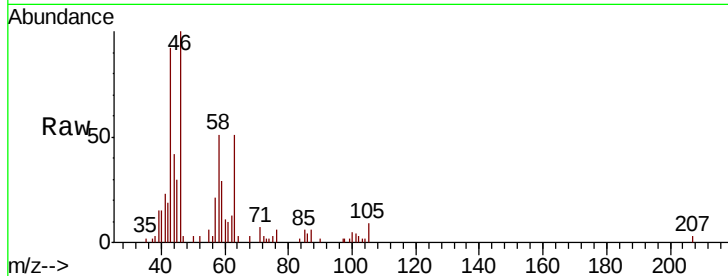




#48
2-Hexanone
Concen: 2.652 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031108.D
Acq: 12 Apr 2019 06:43

Instrument :
MSVOA_U
ClientSampleId :
ETJ63

Tot Ion: 43 Resp: 16509
Ion Ratio Lower Upper
43 100
58 27.3 41.9 62.9#
57 0.0 14.3 21.5#
100 3.4 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 4.766 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031108.D
Acq: 12 Apr 2019 06:43

Tgt Ion: 75 Resp: 28320
Ion Ratio Lower Upper
75 100
77 38.6 26.1 39.1

