

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
 Data File : VU031317.D
 Acq On : 18 Apr 2019 19:20
 Operator : JC/SP
 Sample : K2451-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMX5

Quant Time: Apr 19 04:42:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 04:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	188151	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	195396	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72711	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	100416	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.68	69	80114	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.27	63	151617	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.21	46	295324	72.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.66%#
24) Chloroform-d	4.64	84	177138	6.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	133.80%#
26) 1,2-Dichloroethane-d4	5.31	65	75036	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.34	84	250236	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.33	67	83477	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.56	98	208249	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.85	79	30492	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.31	63	188455	59.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	68317	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	75352	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

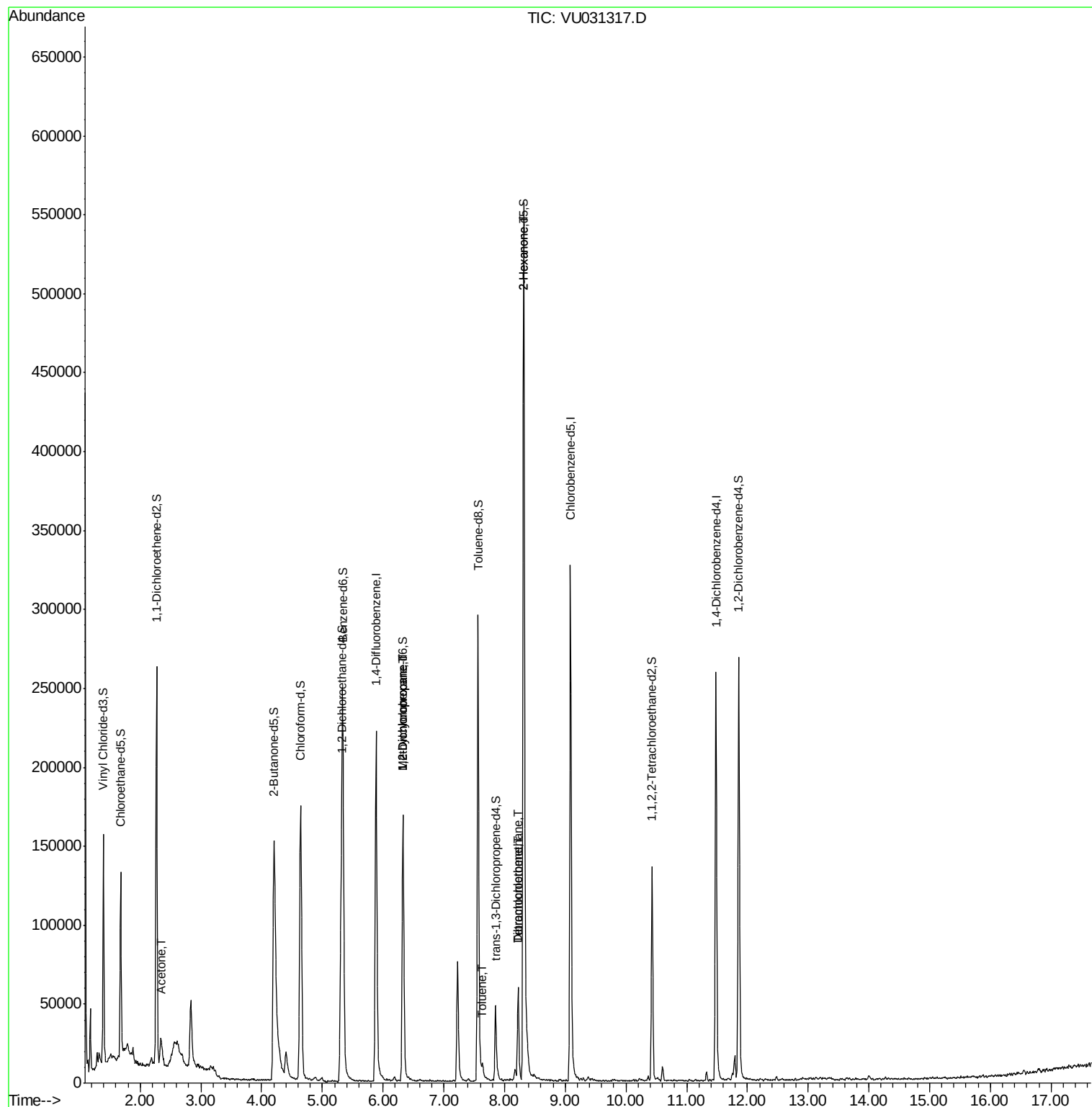
					Qvalue
13) Acetone	2.34	43	17674	3.918 ug/L	97
35) Methylcyclohexane	6.32	83	20662	0.837 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	9385	0.537 ug/L #	88
42) Toluene	7.64	91	6196	0.093 ug/L	99
47) Tetrachloroethene	8.22	164	14654	1.097 ug/L	96
48) 2-Hexanone	8.31	43	23977	3.009 ug/L #	72
49) Dibromochloromethane	8.22	129	13952	0.936 ug/L #	11

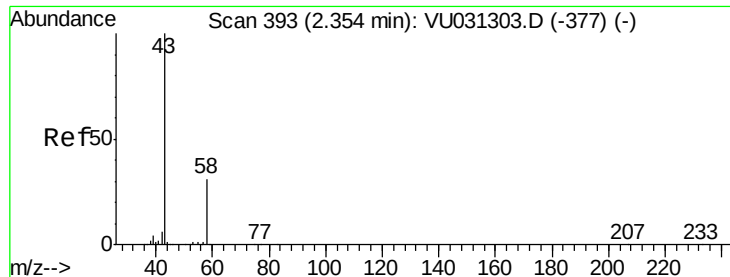
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
Data File : VU031317.D
Acq On : 18 Apr 2019 19:20
Operator : JC/SP
Sample : K2451-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YAMX5

Quant Time: Apr 19 04:42:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 19 04:38:37 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.918 ug/L

RT: 2.34 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU031317.D

Acq: 18 Apr 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

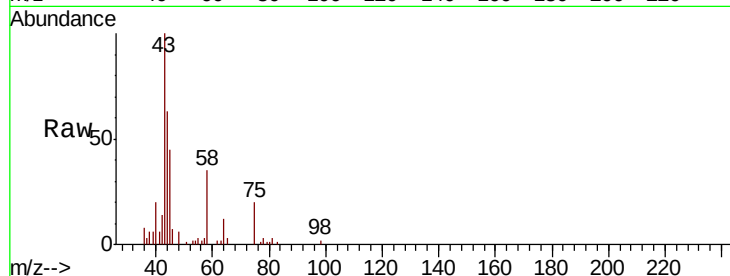
YAMX5

Tgt Ion: 43 Resp: 17674

Ion Ratio Lower Upper

43 100

58 33.6 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU031303.D (-377) (-)

Ion 58.05 (57.75 to 58.75): VU031303.D (-377) (-)

2.34

8000

6000

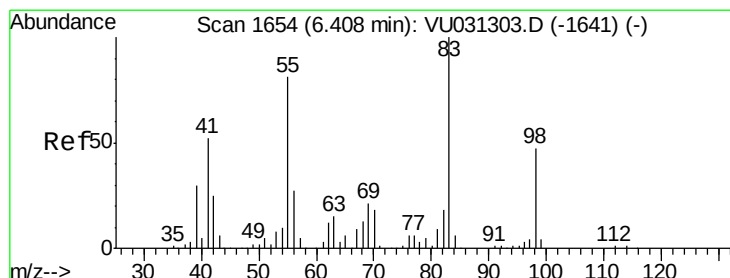
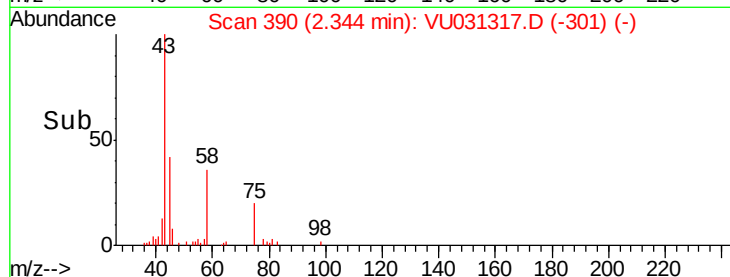
4000

2000

0

Time-->

2.30 2.40



#35

Methylcyclohexane

Concen: 0.837 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU031317.D

Acq: 18 Apr 2019 19:20

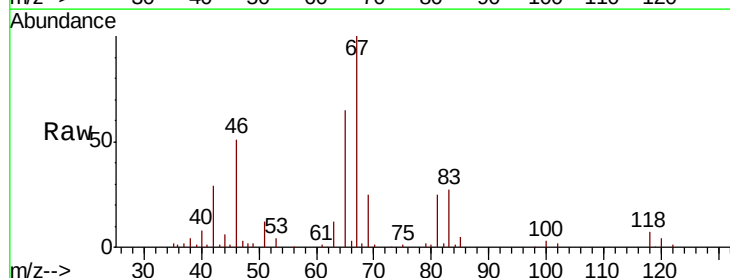
Tgt Ion: 83 Resp: 20662

Ion Ratio Lower Upper

83 100

55 0.1 70.6 105.8#

98 0.2 37.0 55.4#



Abundance Ion 83.15 (82.85 to 83.85): VU031303.D (-1641) (-)

Ion 55.10 (54.80 to 55.80): VU031303.D (-1641) (-)

Ion 98.15 (97.85 to 98.85): VU031303.D (-1641) (-)

6.32

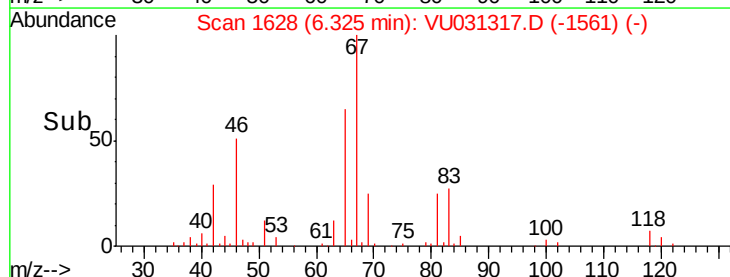
10000

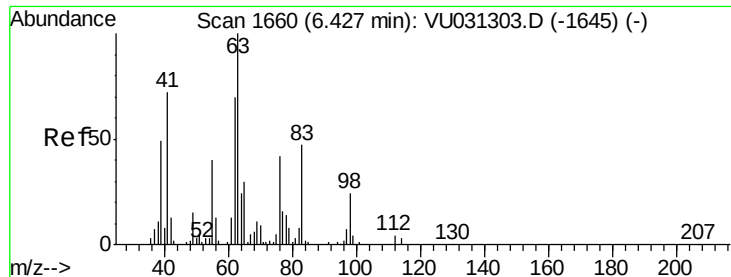
5000

0

Time-->

6.25 6.30 6.35 6.40

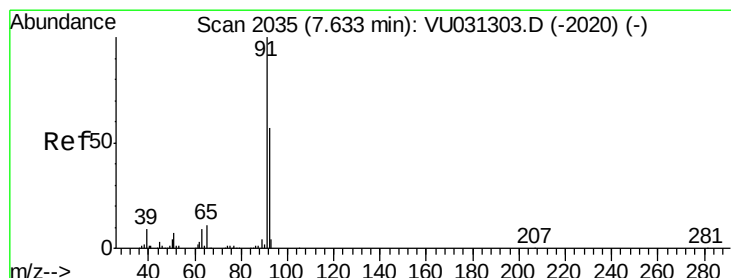
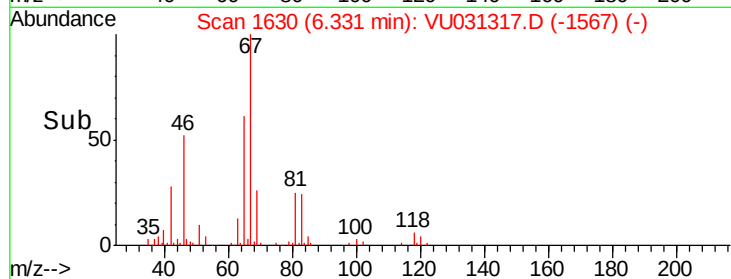
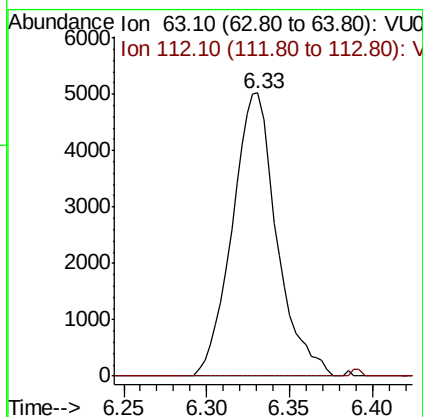
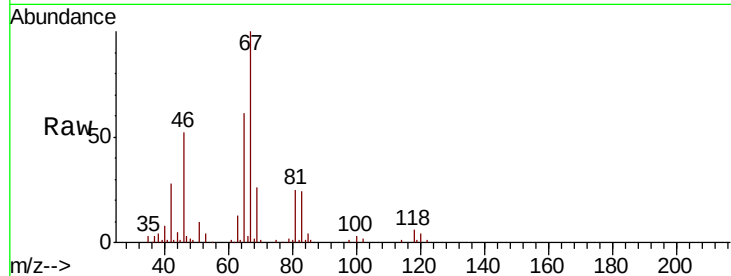




#37
 1,2-Dichloropropane
 Concen: 0.537 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU031317.D
 Acq: 18 Apr 2019 19:20

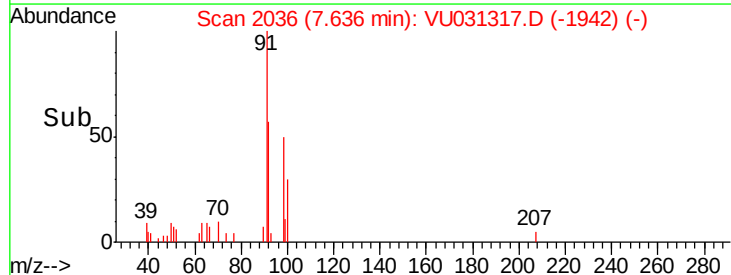
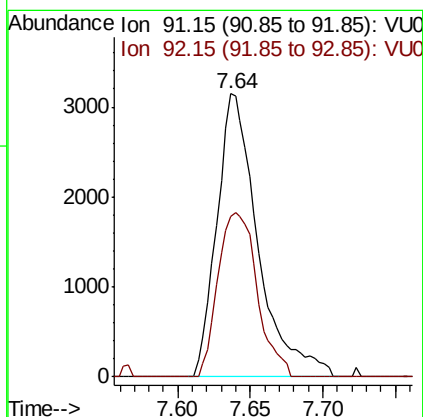
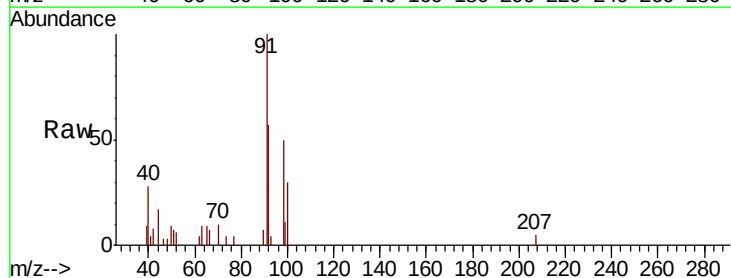
Instrument :
 MSVOA_U
 ClientSampleId :
 YAMX5

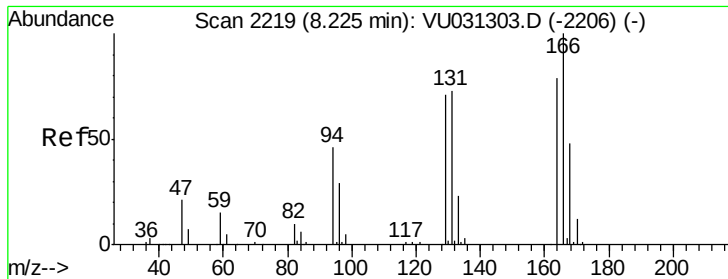
Tgt Ion: 63 Resp: 9385
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.5 5.3#



#42
 Toluene
 Concen: 0.093 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VU031317.D
 Acq: 18 Apr 2019 19:20

Tgt Ion: 91 Resp: 6196
 Ion Ratio Lower Upper
 91 100
 92 56.8 39.5 73.3





#47

Tetrachloroethene

Concen: 1.097 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031317.D

Acq: 18 Apr 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

YAMX5

Tgt Ion:164 Resp: 14654

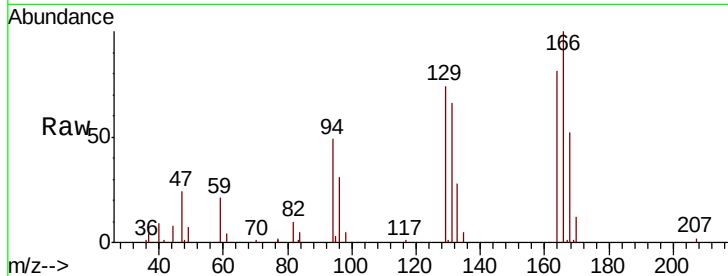
Ion Ratio Lower Upper

164 100

129 91.6 61.9 114.9

131 81.7 61.5 114.3

166 123.1 84.6 157.0

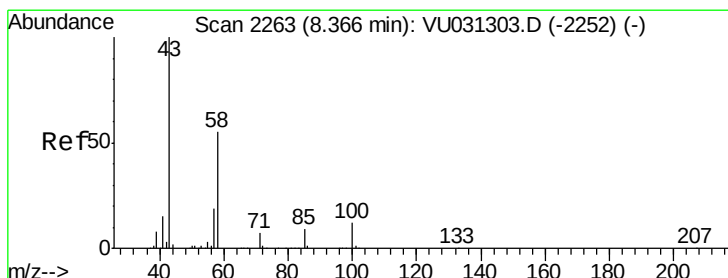
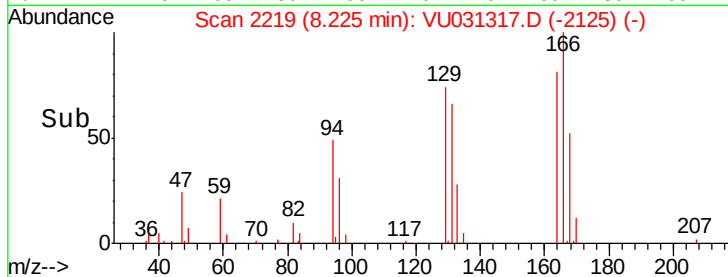
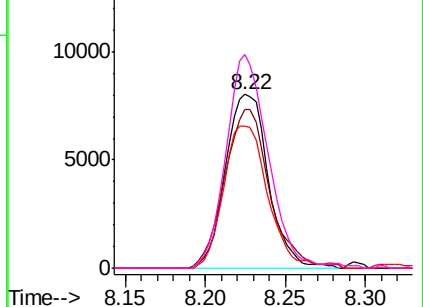


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 3.009 ug/L

RT: 8.31 min Scan# 2247

Delta R.T. -0.05 min

Lab File: VU031317.D

Acq: 18 Apr 2019 19:20

Tgt Ion: 43 Resp: 23977

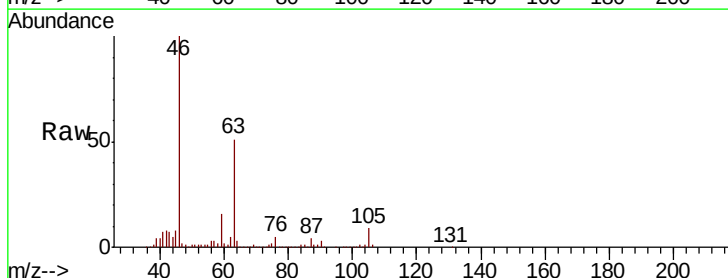
Ion Ratio Lower Upper

43 100

58 39.0 45.0 67.6#

57 39.3 15.5 23.3#

100 2.9 8.7 13.1#

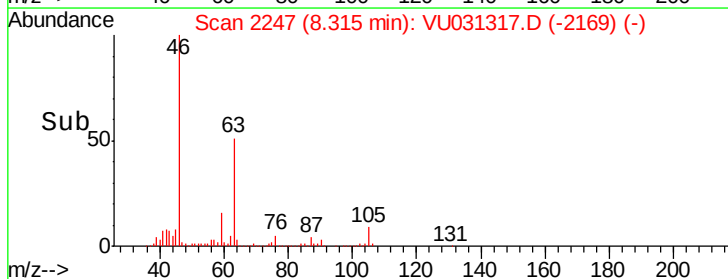
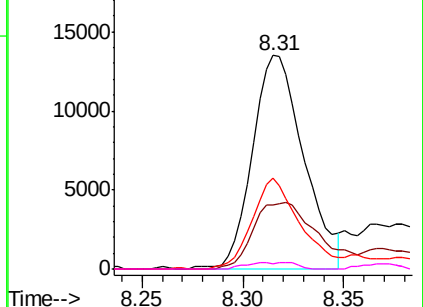


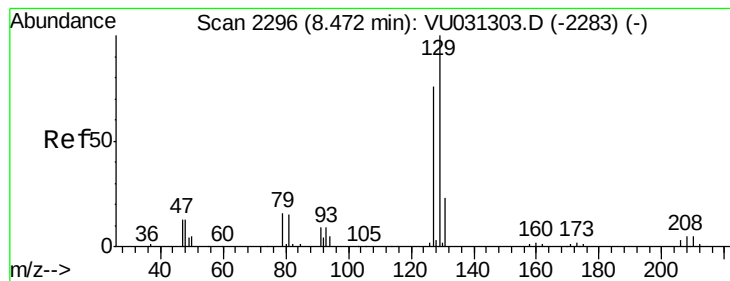
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 0.936 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU031317.D

Acq: 18 Apr 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

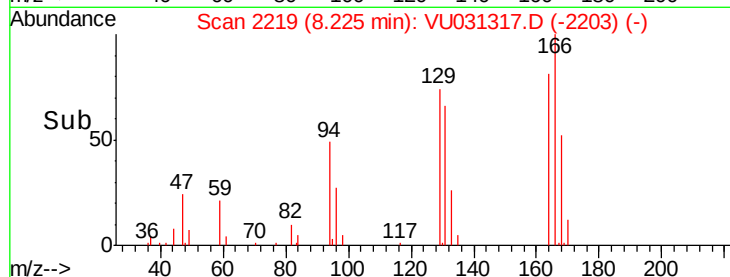
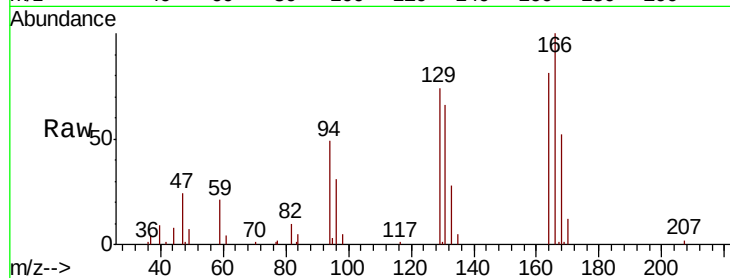
YAMX5

Tgt Ion:129 Resp: 13952

Ion Ratio Lower Upper

129 100

127 0.0 53.3 99.1#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

