

Data File : VU034938.D
Acq On : 04 Oct 2019 16:25
Operator : JC/SP
Sample : K5201-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AB8

Quant Time: Oct 05 00:34:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	198693	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	195707	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	83544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70462	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.68	69	60223	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.26	63	96550	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.17	46	161139	40.24	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.48%
24) Chloroform-d	4.62	84	119278	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.29	65	65104	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.32	84	249737	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.31	67	83580	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.54	98	228648	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.83	79	26237	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.30	63	131790	45.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.08%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	62580	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	80417	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

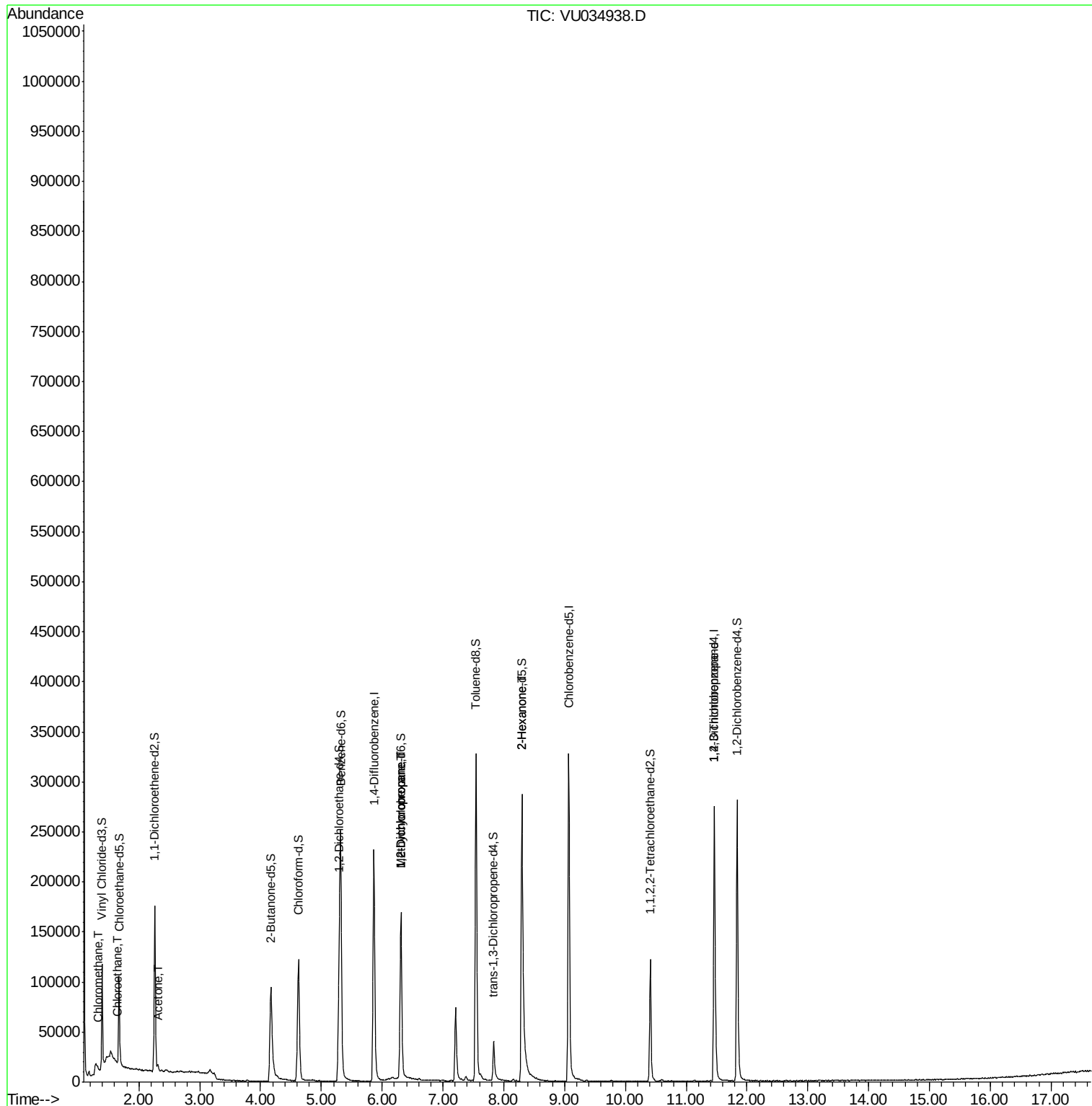
					Qvalue
3) Chloromethane	1.32	50	2264	0.236 ug/L	91
8) Chloroethane	1.64	64	714	0.121 ug/L #	53
13) Acetone	2.31	43	6580	2.245 ug/L	88
35) Methylcyclohexane	6.31	83	17868	1.376 ug/L #	15
37) 1,2-Dichloropropane	6.31	63	9222	0.687 ug/L #	90
48) 2-Hexanone	8.30	43	15100	1.956 ug/L #	72
59) 1,2,3-Trichloropropane	11.46	75	10768	1.121 ug/L	95

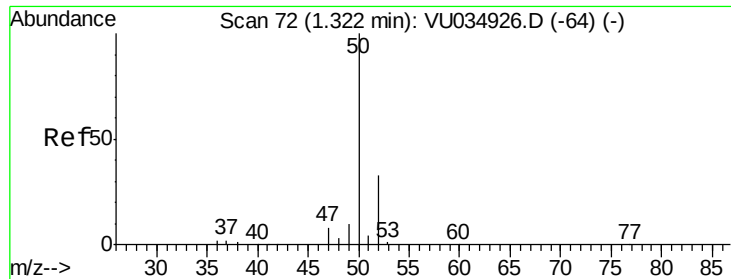
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.236 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034938.D

Acq: 04 Oct 2019 16:25

Instrument :

MSVOA_U

ClientSampled :

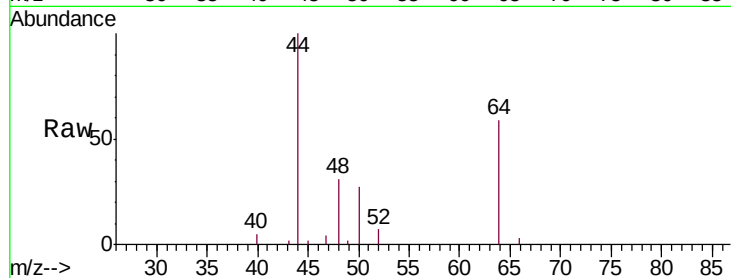
C0AB8

Tgt Ion: 50 Resp: 2264

Ion Ratio Lower Upper

50 100

52 27.5 22.7 42.1



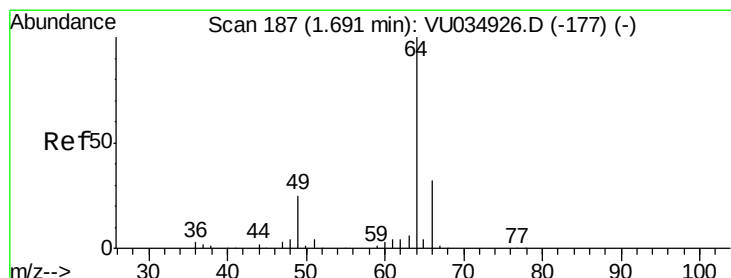
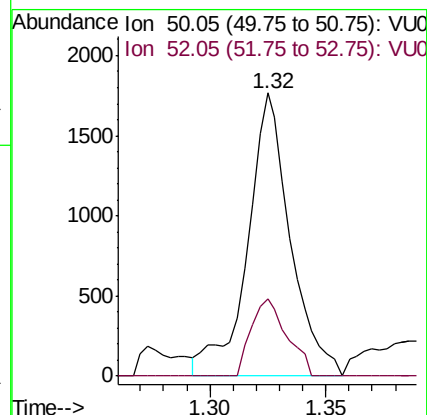
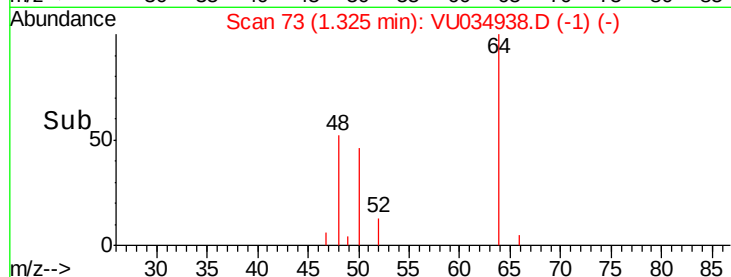
Abundance Ion 50.05 (49.75 to 50.75): VU034926.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU034926.D (-64) (-)

1.32

1.30 1.35

Time-->



#8

Chloroethane

Concen: 0.121 ug/L

RT: 1.64 min Scan# 172

Delta R.T. -0.05 min

Lab File: VU034938.D

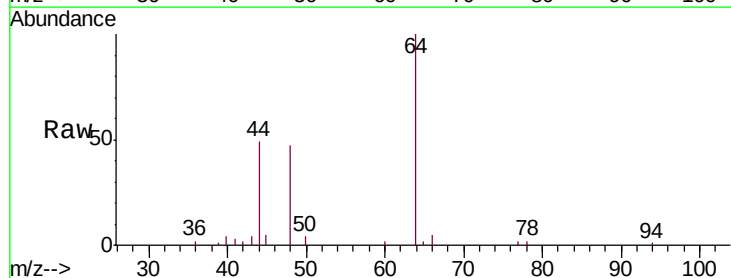
Acq: 04 Oct 2019 16:25

Tgt Ion: 64 Resp: 714

Ion Ratio Lower Upper

64 100

66 4.6 20.9 38.9#



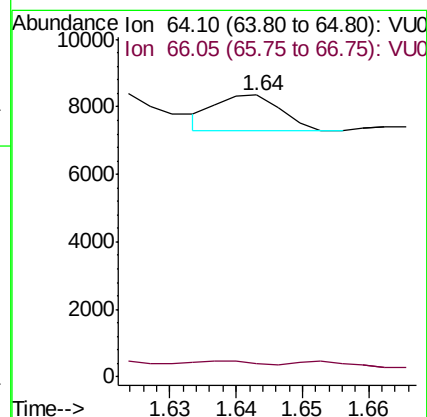
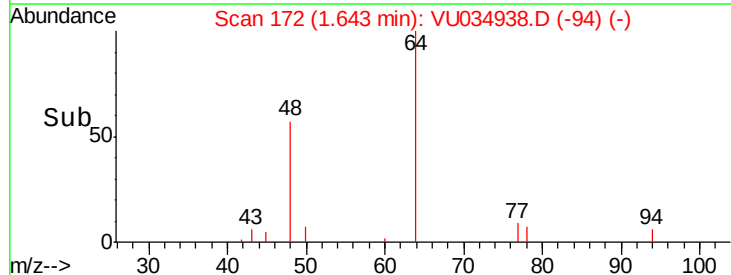
Abundance Ion 64.10 (63.80 to 64.80): VU034926.D (-177) (-)

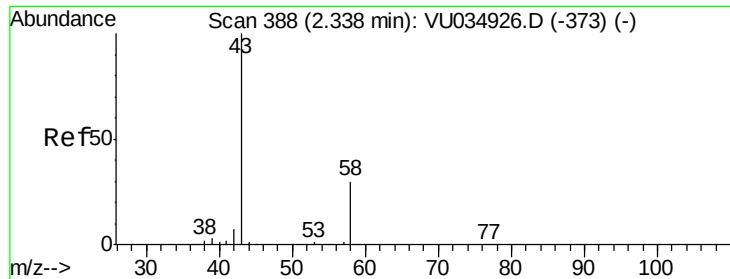
Ion 66.05 (65.75 to 66.75): VU034926.D (-177) (-)

1.64

1.63 1.65 1.66

Time-->





#13

Acetone

Concen: 2.245 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.03 min

Lab File: VU034938.D

Acq: 04 Oct 2019 16:25

Instrument :

MSVOA_U

ClientSampleId :

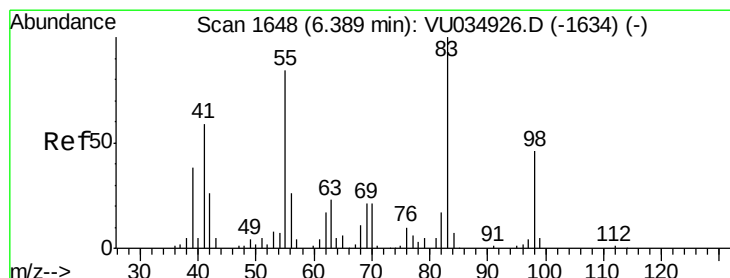
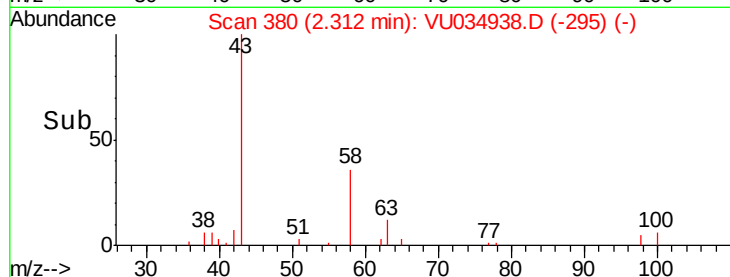
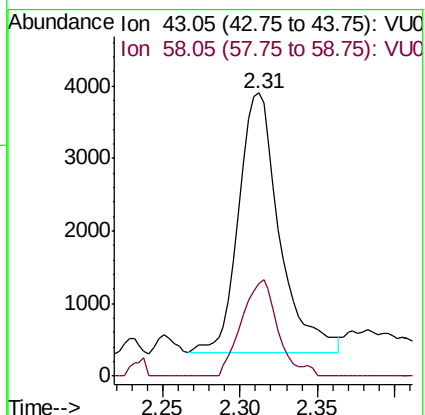
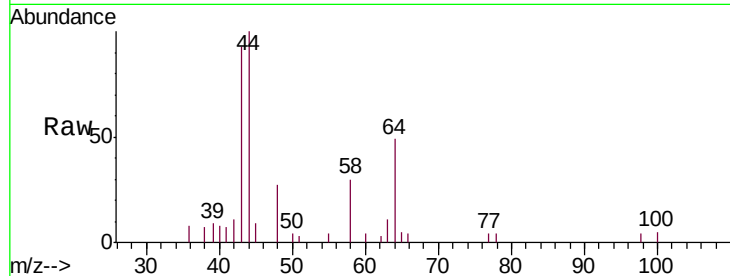
C0AB8

Tgt Ion: 43 Resp: 6580

Ion Ratio Lower Upper

43 100

58 33.1 0.0 54.0



#35

Methylcyclohexane

Concen: 1.376 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU034938.D

Acq: 04 Oct 2019 16:25

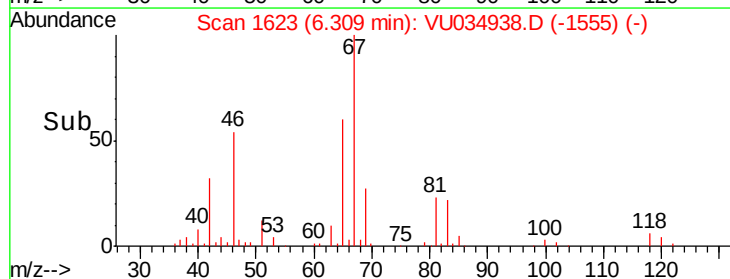
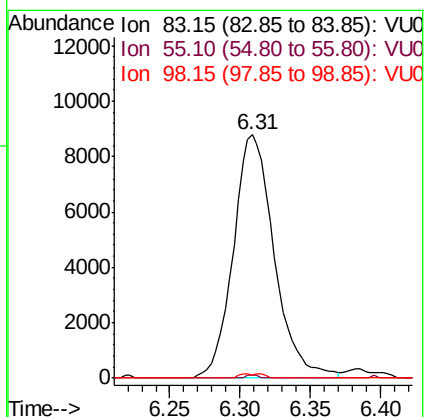
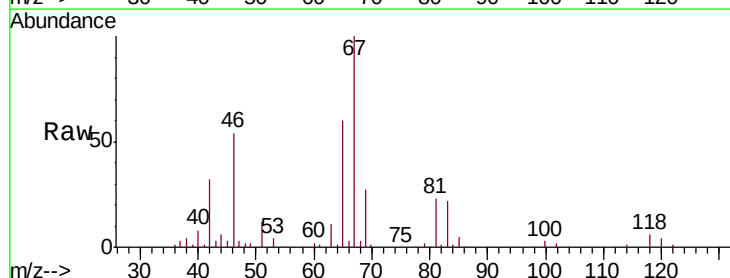
Tgt Ion: 83 Resp: 17868

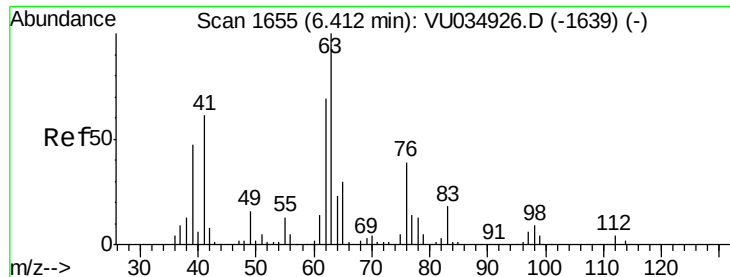
Ion Ratio Lower Upper

83 100

55 0.4 68.9 103.3#

98 0.6 36.6 54.8#





#37

1,2-Dichloropropane

Concen: 0.687 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU034938.D

Acq: 04 Oct 2019 16:25

Instrument :

MSVOA_U

ClientSampleId :

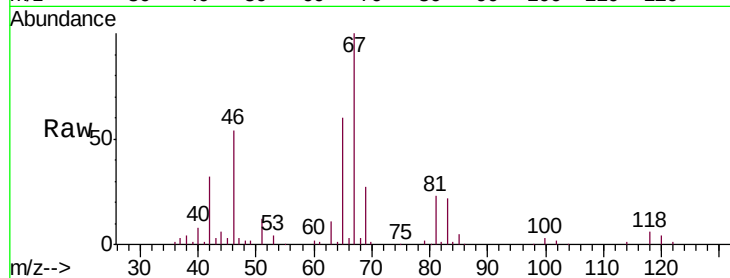
C0AB8

Tgt Ion: 63 Resp: 9222

Ion Ratio Lower Upper

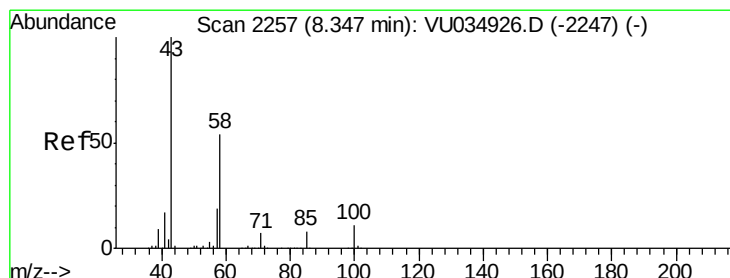
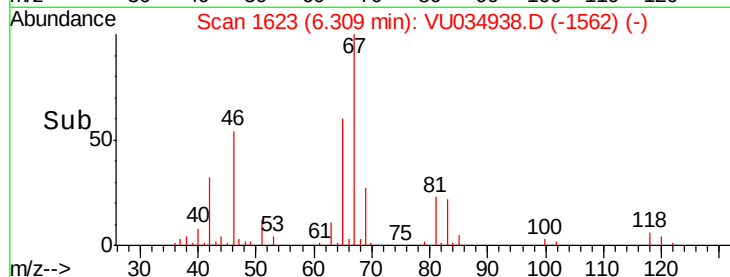
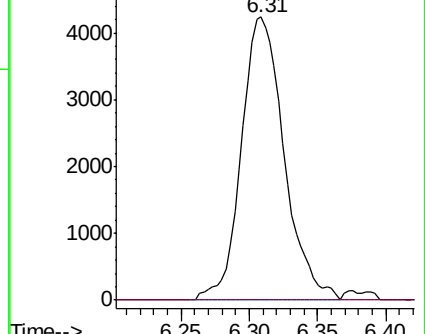
63 100

112 0.0 2.6 4.0#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 1.956 ug/L

RT: 8.30 min Scan# 2242

Delta R.T. -0.05 min

Lab File: VU034938.D

Acq: 04 Oct 2019 16:25

Tgt Ion: 43 Resp: 15100

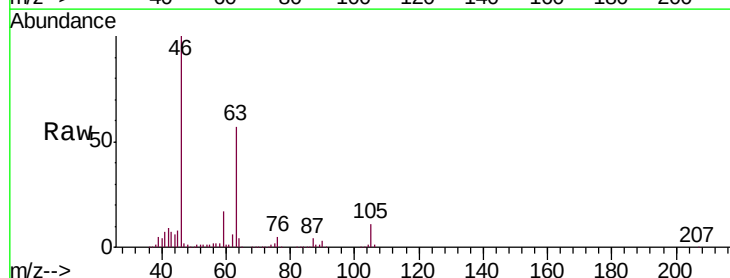
Ion Ratio Lower Upper

43 100

58 26.2 37.1 55.7#

57 27.5 13.4 20.0#

100 0.0 7.0 10.4#

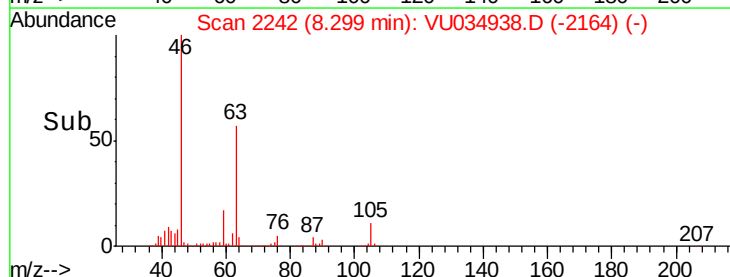
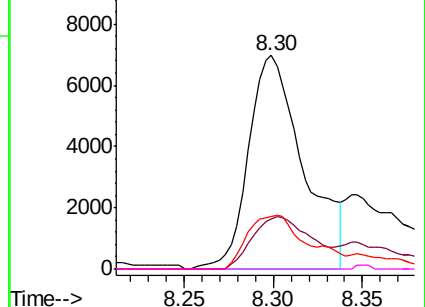


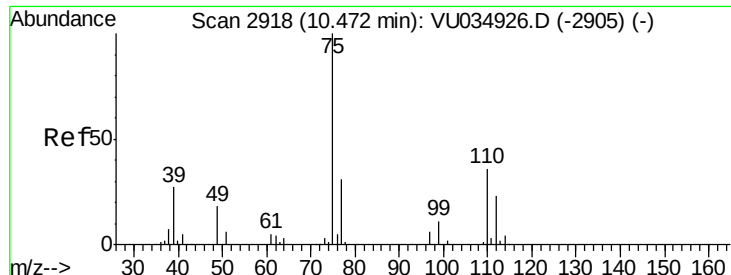
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#59

1,2,3-Trichloropropane

Concen: 1.121 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034938.D

Acq: 04 Oct 2019 16:25

Instrument :

MSVOA_U

ClientSampleId :

C0AB8

Tgt Ion: 75 Resp: 10768

Ion Ratio Lower Upper

75 100

77 35.7 26.5 39.7

