

Data File : VU035142.D
Acq On : 14 Oct 2019 11:05
Operator : JC/SP
Sample : K5342-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY9

Quant Time: Oct 15 07:07:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:04:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	165334	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	173717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	66991	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50085	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.67	69	47401	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.26	63	73955	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.18	46	154579	53.71	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.42%
24) Chloroform-d	4.62	84	95842	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.29	65	57161	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.32	84	191284	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.31	67	67698	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.55	98	163437	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.84	79	20640	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.30	63	104714	44.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55597	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	56470	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

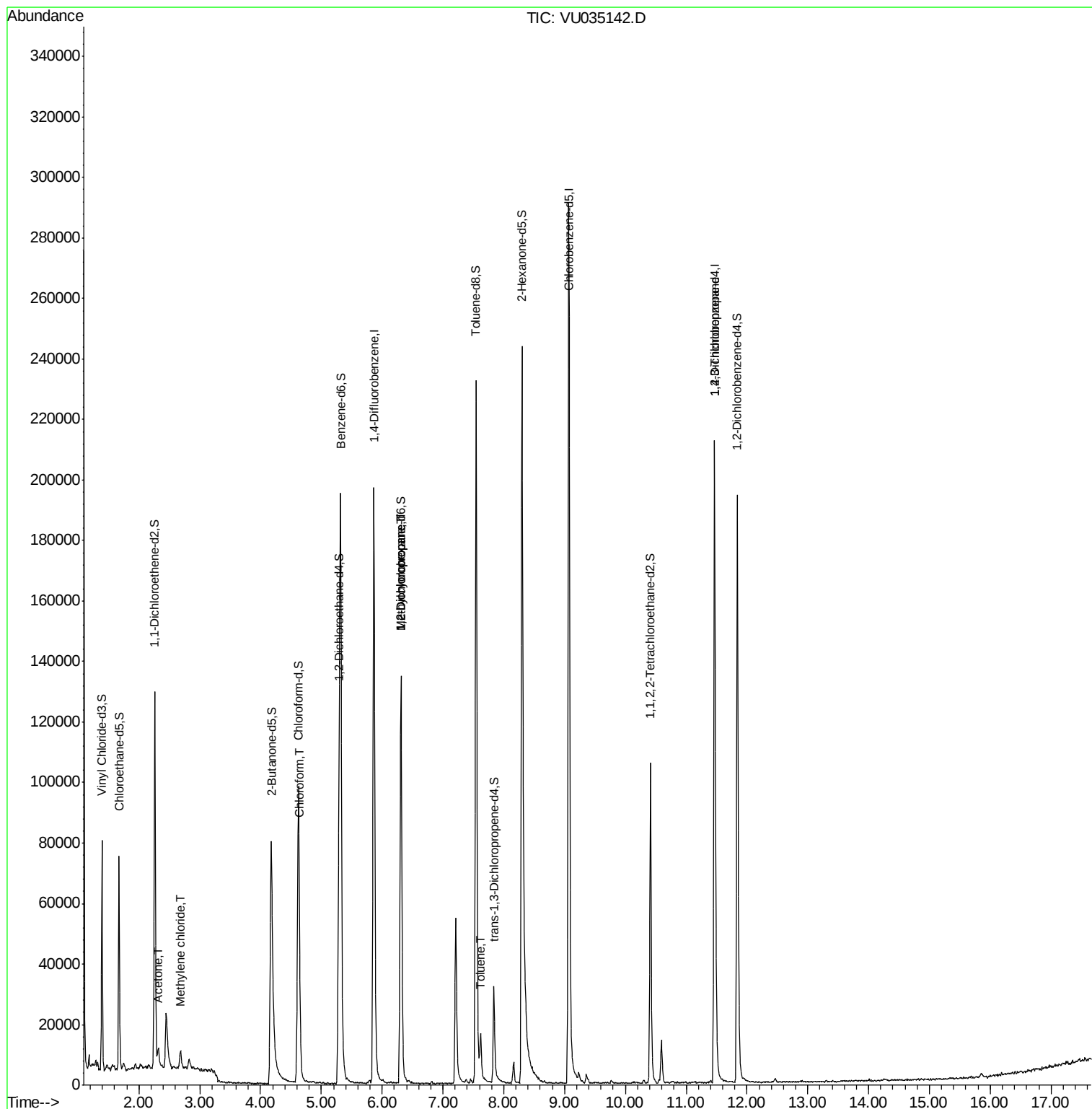
					Qvalue
13) Acetone	2.32	43	8633	3.662 ug/L	90
16) Methylene chloride	2.68	84	2417	0.184 ug/L	96
25) Chloroform	4.65	83	4794	0.189 ug/L	96
35) Methylcyclohexane	6.31	83	15062	0.689 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7310	0.518 ug/L #	88
42) Toluene	7.62	91	10501	0.192 ug/L	94
59) 1,2,3-Trichloropropane	11.47	75	9132	0.999 ug/L	98

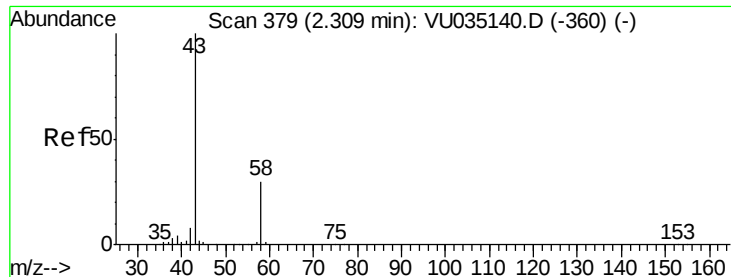
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.662 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

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MSVOA_U

ClientSampleId :

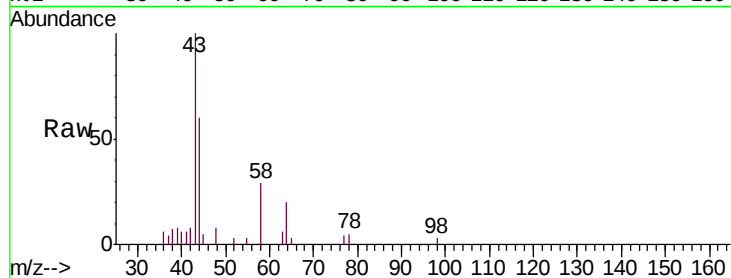
C0AY9

Tgt Ion: 43 Resp: 8633

Ion Ratio Lower Upper

43 100

58 27.5 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035140.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU035140.D (-360) (-)

2.32

4000

3000

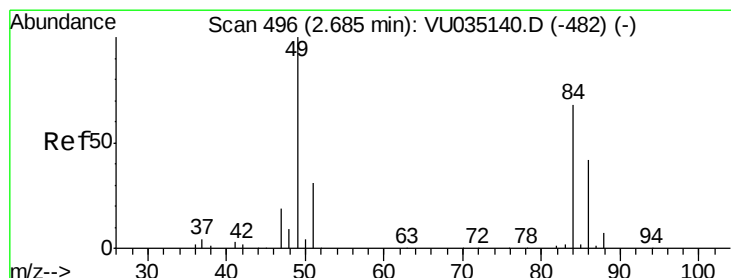
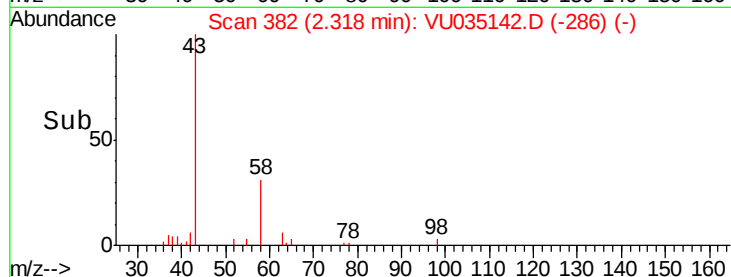
2000

1000

0

Time-->

2.25 2.30 2.35 2.40



#16

Methylene chloride

Concen: 0.184 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.00 min

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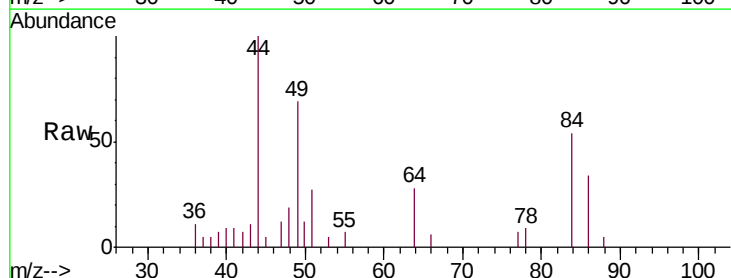
Tgt Ion: 84 Resp: 2417

Ion Ratio Lower Upper

84 100

86 63.3 42.5 78.9

49 128.2 86.9 161.3



Abundance Ion 84.05 (83.75 to 84.75): VU035140.D (-482) (-)

Ion 86.00 (85.70 to 86.70): VU035140.D (-482) (-)

Ion 49.10 (48.80 to 49.80): VU035140.D (-482) (-)

2500

2000

1500

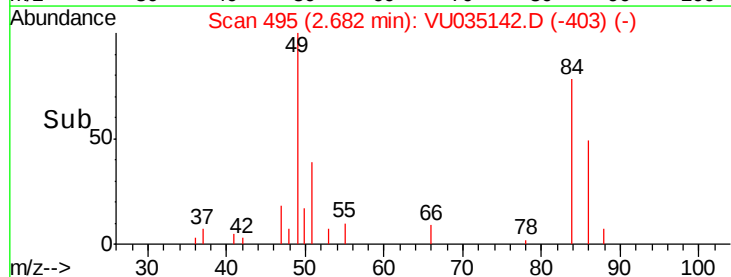
1000

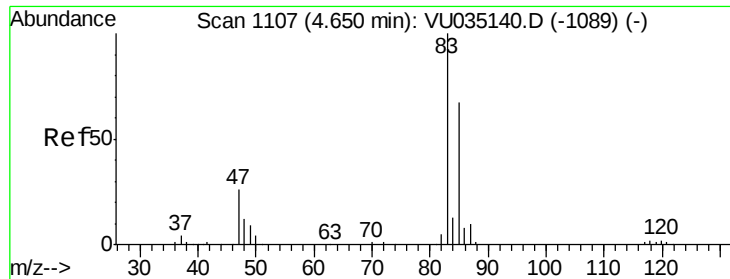
500

0

Time-->

2.65 2.70

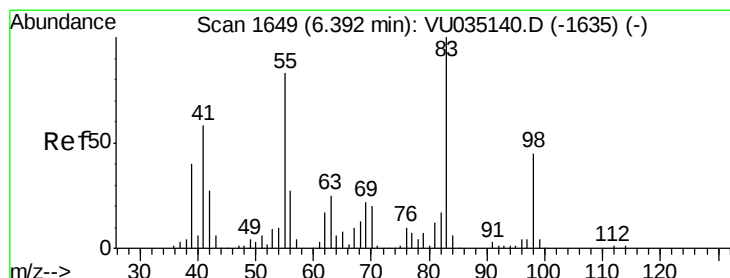
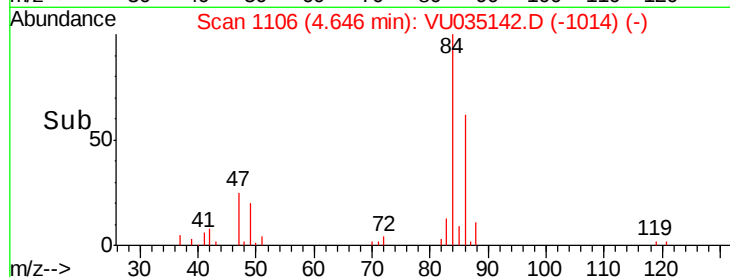
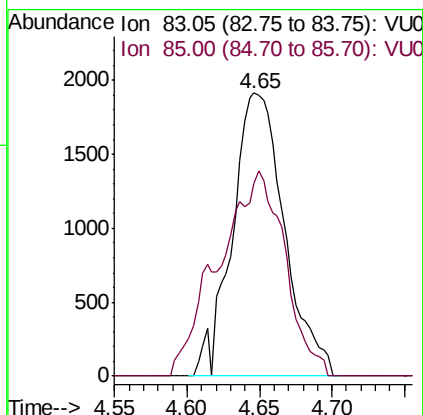
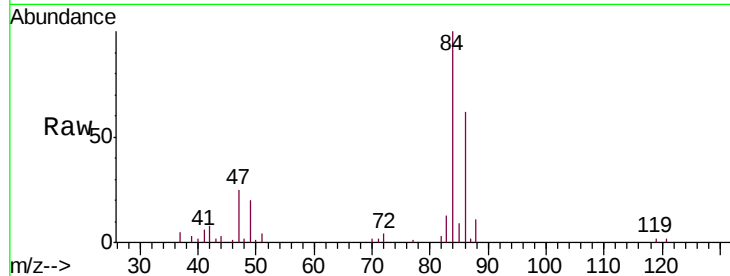




#25
Chloroform
Concen: 0.189 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU035142.D
Acq: 14 Oct 2019 11:05

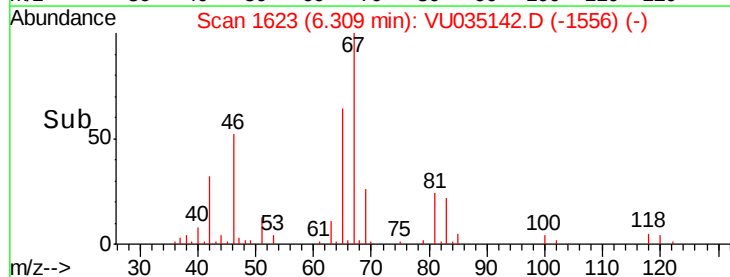
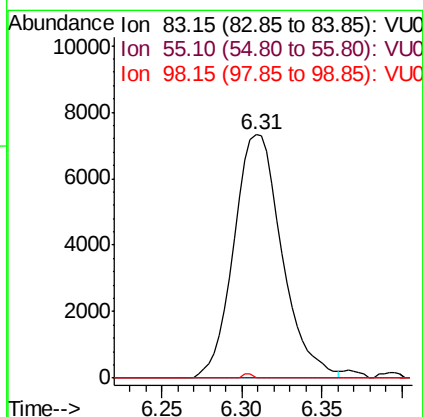
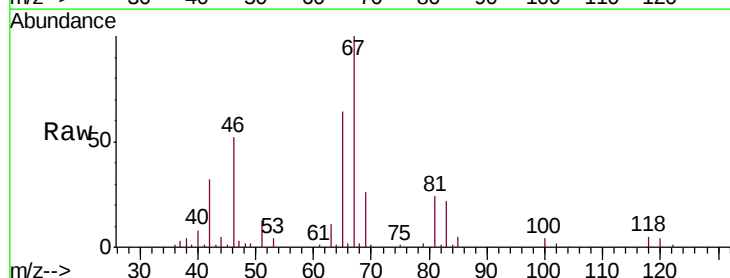
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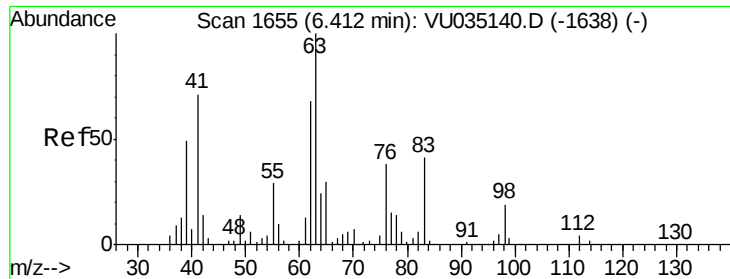
Tgt Ion: 83 Resp: 4794
Ion Ratio Lower Upper
83 100
85 67.8 45.4 84.4



#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035142.D
Acq: 14 Oct 2019 11:05

Tgt Ion: 83 Resp: 15062
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.3 36.2 54.2#

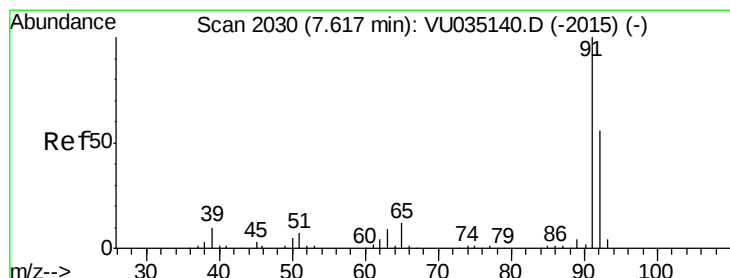
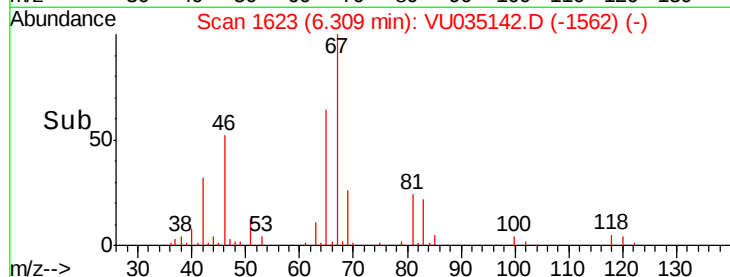
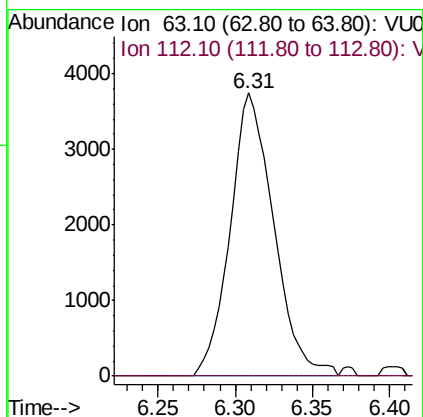
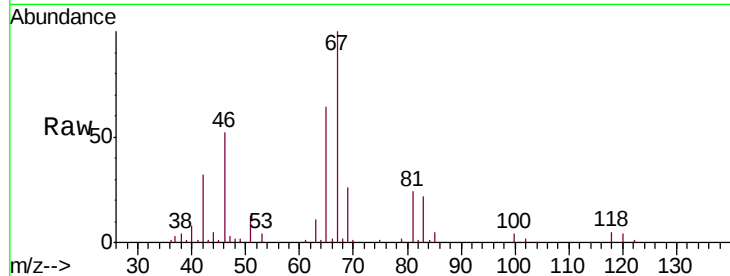




#37
 1,2-Dichloropropane
 Concen: 0.518 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU035142.D
 Acq: 14 Oct 2019 11:05

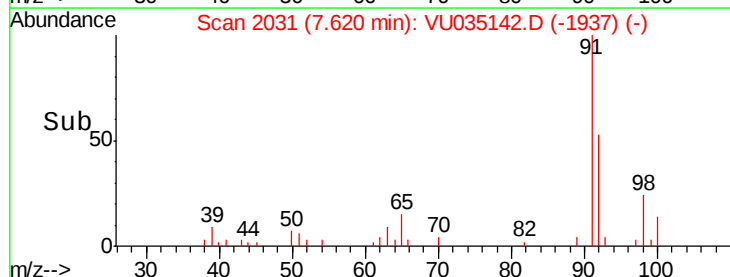
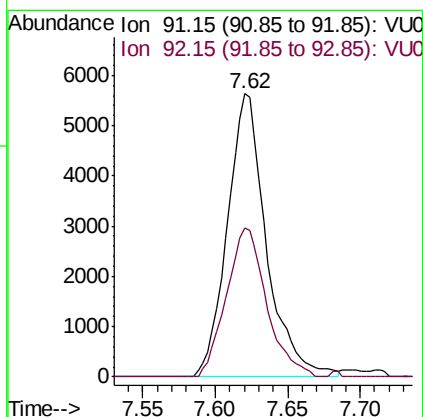
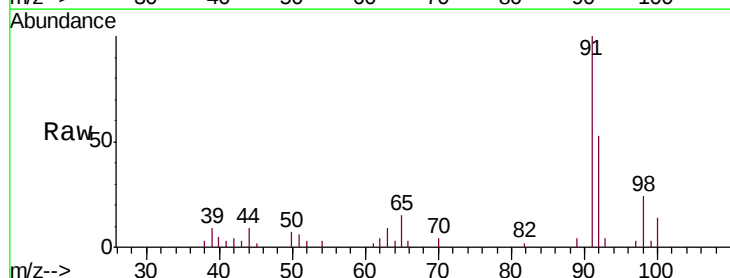
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY9

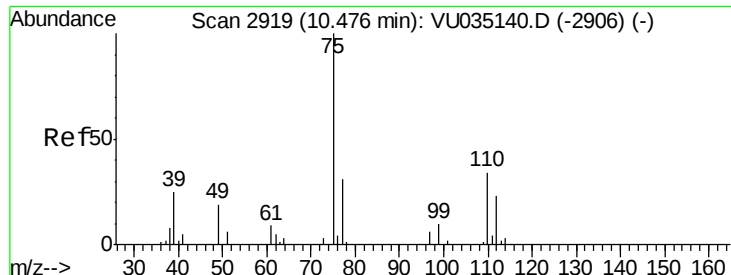
Tgt Ion: 63 Resp: 7310
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 Toluene
 Concen: 0.192 ug/L
 RT: 7.62 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VU035142.D
 Acq: 14 Oct 2019 11:05

Tgt Ion: 91 Resp: 10501
 Ion Ratio Lower Upper
 91 100
 92 52.6 40.0 74.2





#59

1,2,3-Trichloropropane

Concen: 0.999 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU035142.D

Acq: 14 Oct 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

C0AY9

Tgt Ion: 75 Resp: 9132

Ion Ratio Lower Upper

75 100

77 31.8 26.5 39.7

