

Data File : VU034857.D
Acq On : 26 Sep 2019 21:15
Operator : JC/SP
Sample : VIBLK40
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Sep 27 05:15:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 27 05:10:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	89967	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	88330	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	40889	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	32000	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.67	69	26924	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.26	63	47128	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.17	46	81858	46.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.04%
24) Chloroform-d	4.62	84	48093	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.29	65	26451	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.31	84	103395	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.31	67	34793	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.54	98	96856	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.83	79	11838	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.30	63	59129	41.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.80%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	25292	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	31186	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

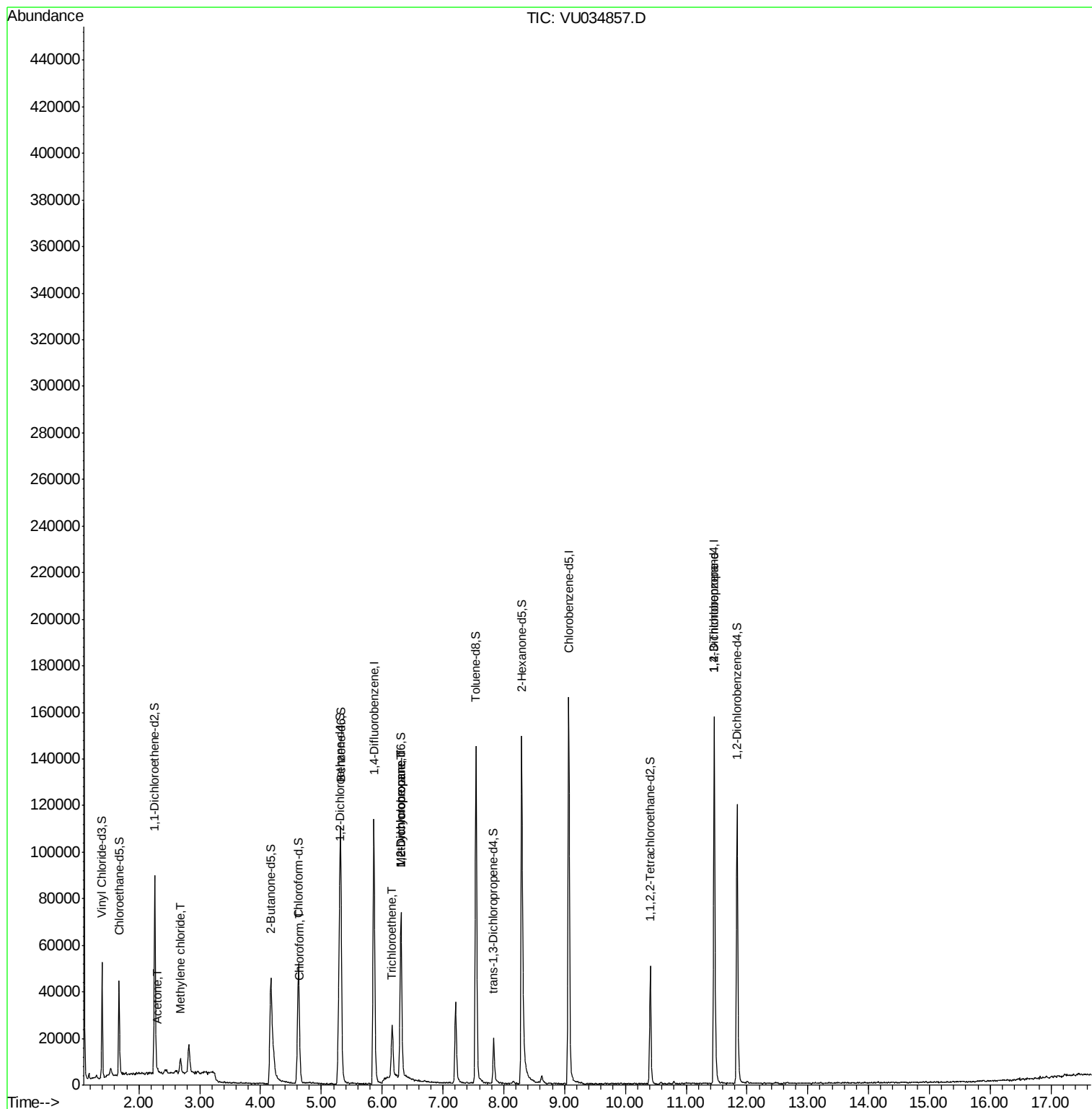
					Qvalue
13) Acetone	2.31	43	2013	1.481 ug/L	79
16) Methylene chloride	2.68	84	2278	0.386 ug/L	91
25) Chloroform	4.65	83	1661	0.132 ug/L	97
34) Trichloroethene	6.17	95	8443	1.418 ug/L	94
35) Methylcyclohexane	6.31	83	7497	0.780 ug/L #	16
37) 1,2-Dichloropropane	6.31	63	3877	0.526 ug/L #	92
59) 1,2,3-Trichloropropane	11.46	75	6234	1.294 ug/L	98

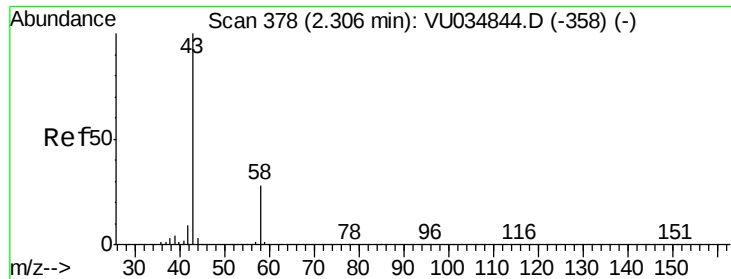
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.481 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VU034857.D

Acq: 26 Sep 2019 21:15

Instrument :

MSVOA_U

ClientSampleId :

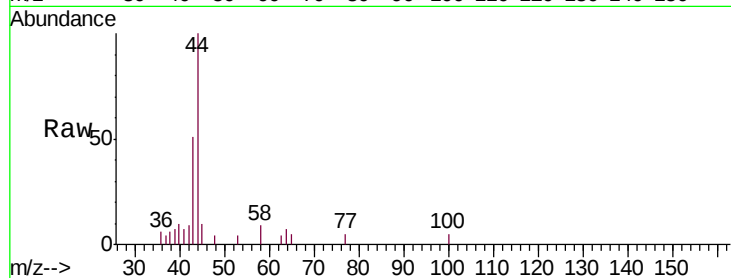
VIBLK40

Tgt Ion: 43 Resp: 2013

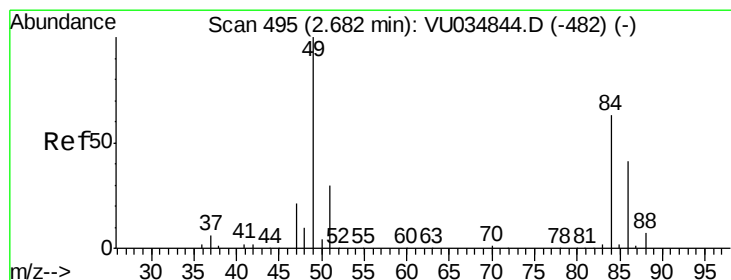
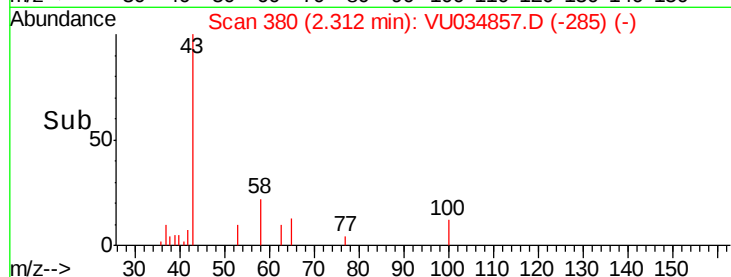
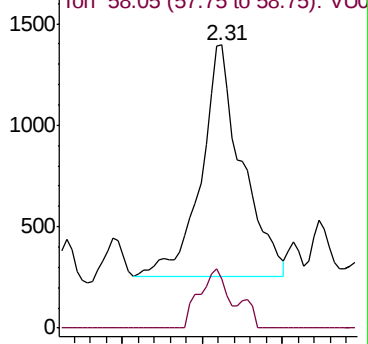
Ion Ratio Lower Upper

43 100

58 17.6 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VU034844.D (-358) (-)



#16

Methylene chloride

Concen: 0.386 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.00 min

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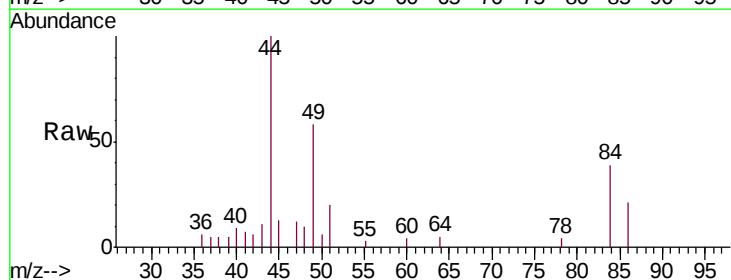
Tgt Ion: 84 Resp: 2278

Ion Ratio Lower Upper

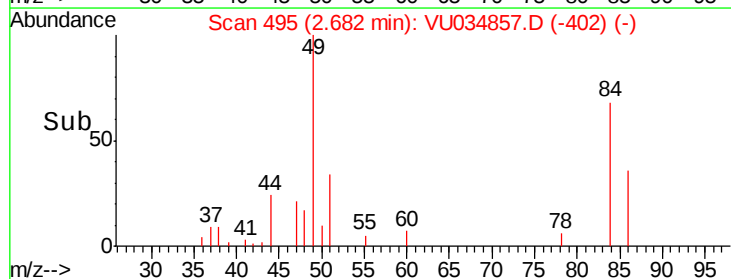
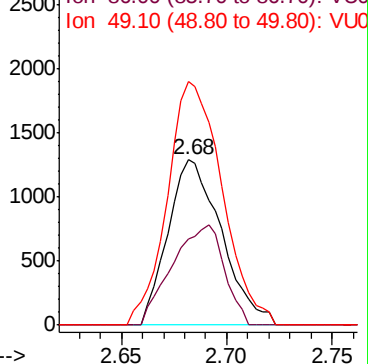
84 100

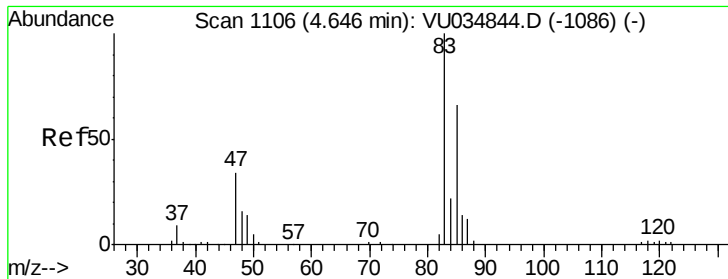
86 52.4 43.0 80.0

49 147.6 110.9 205.9



Abundance Ion 84.05 (83.75 to 84.75): VU034844.D (-482) (-)

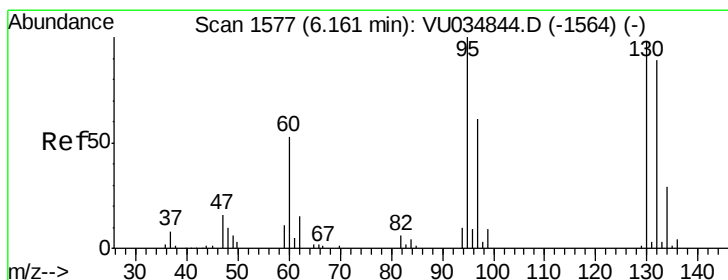
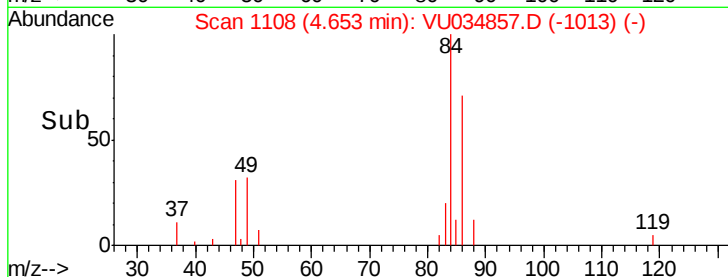
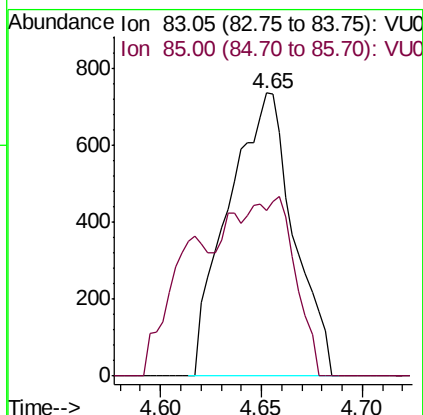
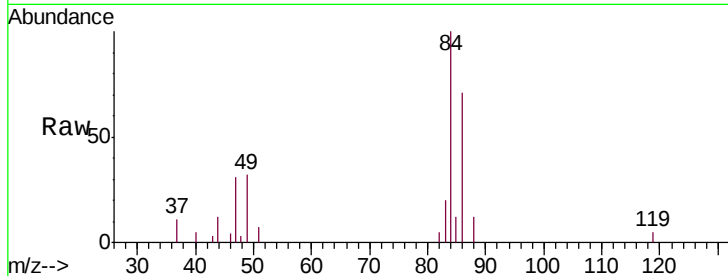




#25
Chloroform
Concen: 0.132 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VU034857.D
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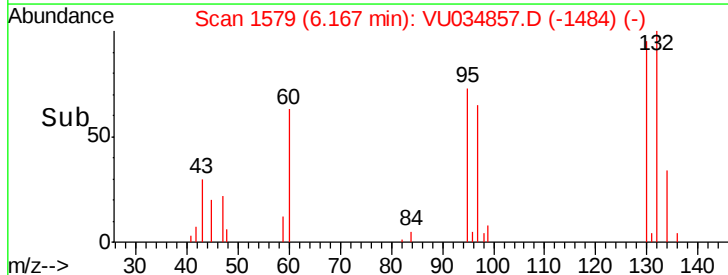
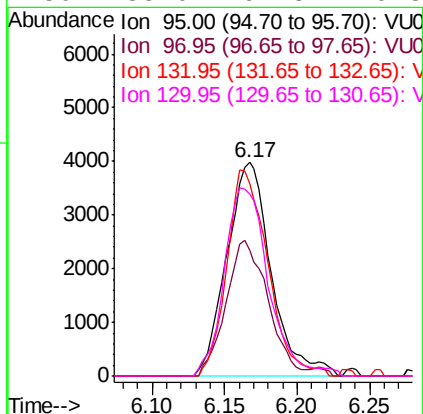
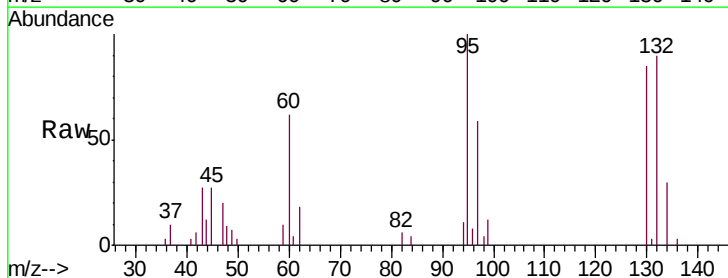
Instrument :
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VIBLK40

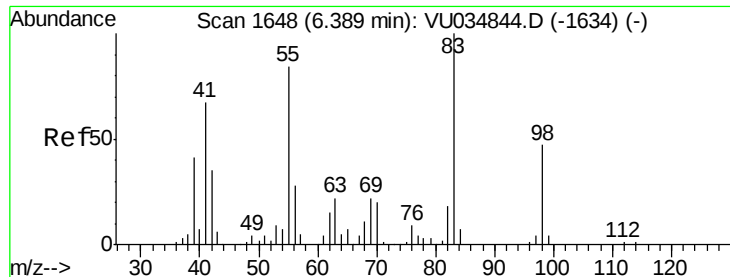
Tgt Ion: 83 Resp: 1661
Ion Ratio Lower Upper
83 100
85 58.6 42.8 79.4



#34
Trichloroethene
Concen: 1.418 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VU034857.D
Acq: 26 Sep 2019 21:15

Tgt Ion: 95 Resp: 8443
Ion Ratio Lower Upper
95 100
97 58.5 45.2 84.0
132 89.7 60.9 113.1
130 85.0 64.3 119.3

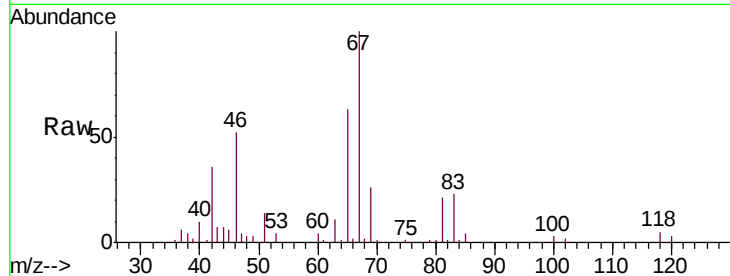




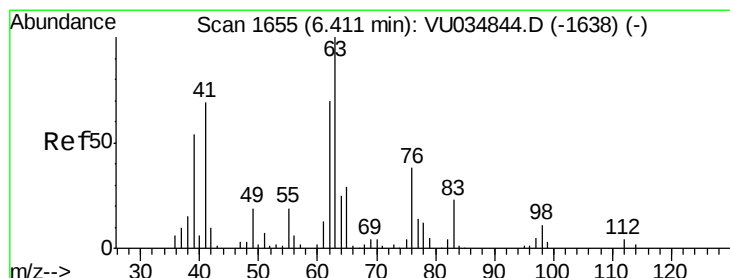
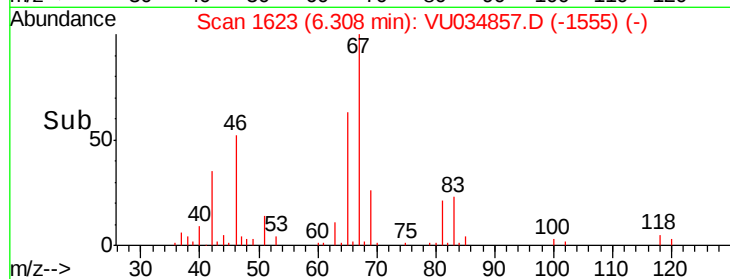
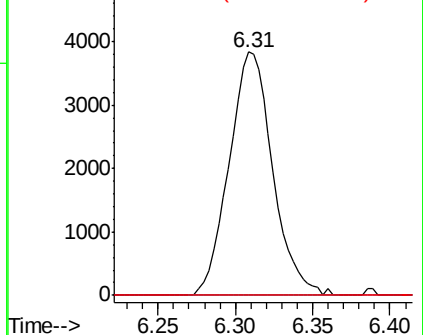
#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034857.D
Acq: 26 Sep 2019 21:15

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion: 83 Resp: 7497
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.3 35.4 53.0#

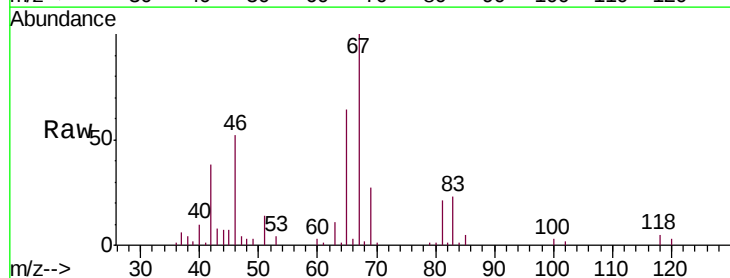


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

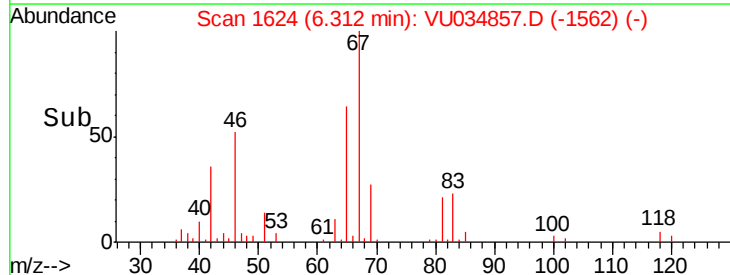
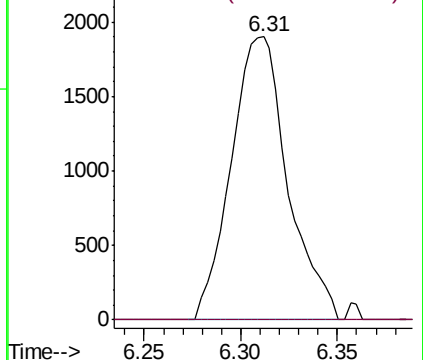


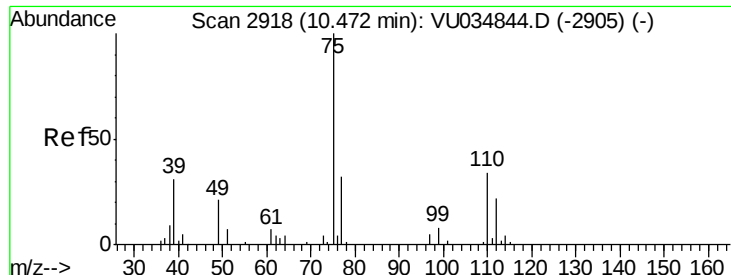
#37
1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034857.D
Acq: 26 Sep 2019 21:15

Tgt Ion: 63 Resp: 3877
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#59

1,2,3-Trichloropropane

Concen: 1.294 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034857.D

Acq: 26 Sep 2019 21:15

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 6234

Ion Ratio Lower Upper

75 100

77 33.6 26.0 39.0

