

Data File : VU034994.D
Acq On : 08 Oct 2019 17:05
Operator : JC/SP
Sample : K5268-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBAX0

Quant Time: Oct 09 07:24:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 07:15:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	170978	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	175574	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	71446	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	42534	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.67	69	43778	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.26	63	65941	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.18	46	169628	56.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.98%
24) Chloroform-d	4.62	84	84832	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.29	65	56334	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.32	84	185209	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.31	67	65696	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.55	98	167085	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.84	79	21632	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.30	63	129245	54.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.72%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	59101	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	63311	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

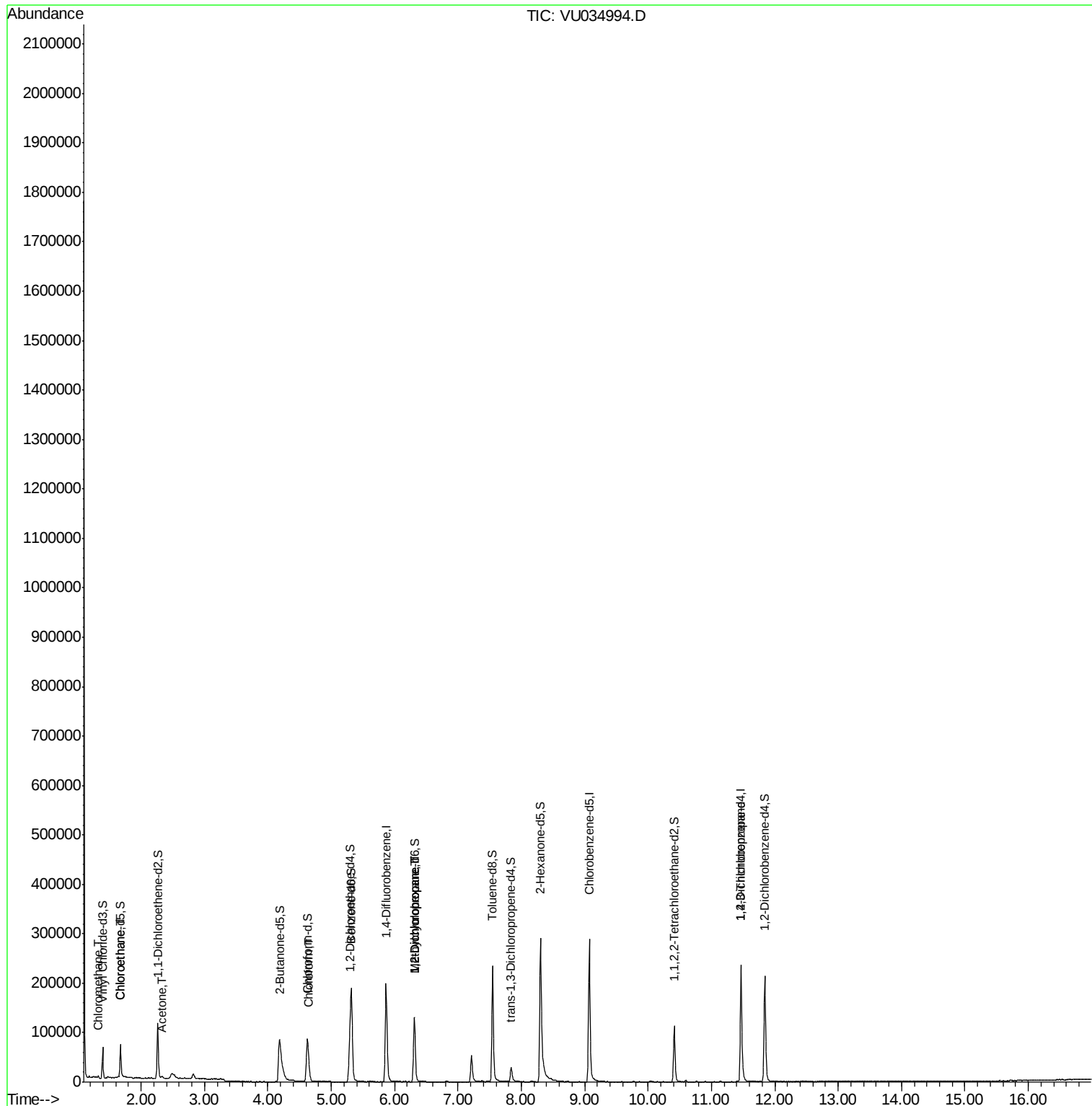
					Qvalue
3) Chloromethane	1.32	50	2784	0.162 ug/L	97
8) Chloroethane	1.68	64	922	0.091 ug/L #	53
13) Acetone	2.32	43	5959	2.445 ug/L	85
25) Chloroform	4.65	83	11415	0.435 ug/L	93
35) Methylcyclohexane	6.31	83	14719	0.666 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7221	0.506 ug/L #	88
59) 1,2,3-Trichloropropane	11.47	75	8852	0.959 ug/L #	88

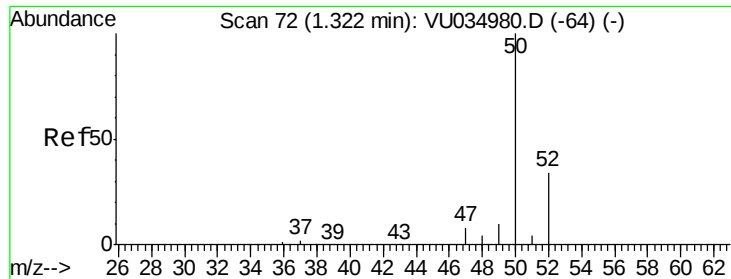
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.162 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU034994.D

Acq: 08 Oct 2019 17:05

Instrument :

MSVOA_U

ClientSampleId :

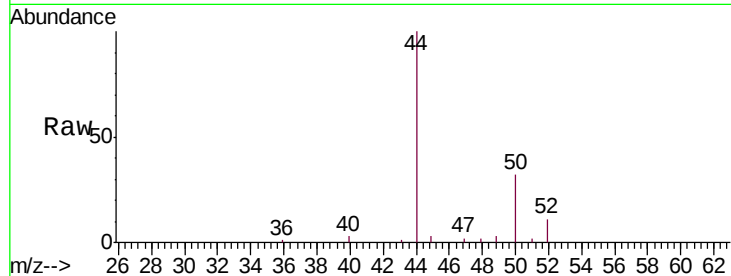
DBAX0

Tgt Ion: 50 Resp: 2784

Ion Ratio Lower Upper

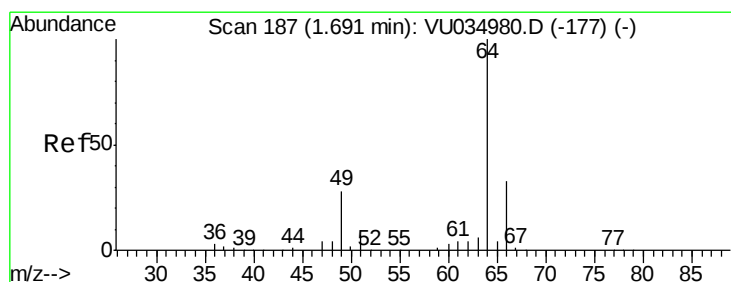
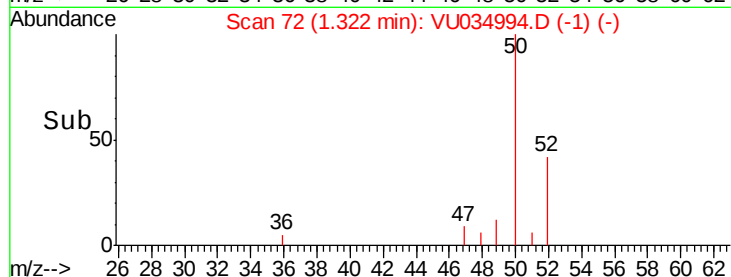
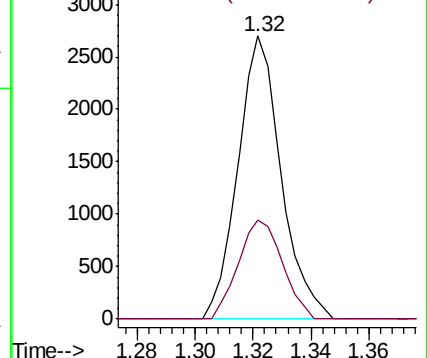
50 100

52 35.1 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU034980.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU034980.D (-64) (-)



#8

Chloroethane

Concen: 0.091 ug/L

RT: 1.68 min Scan# 184

Delta R.T. -0.01 min

Lab File: VU034994.D

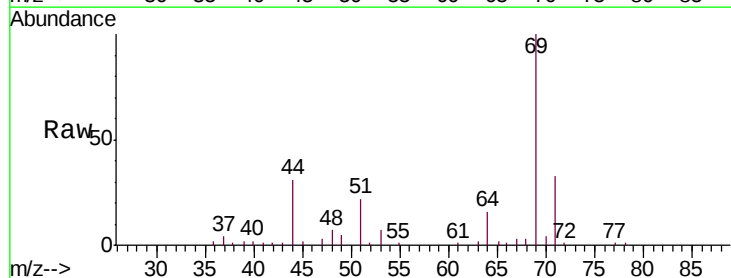
Acq: 08 Oct 2019 17:05

Tgt Ion: 64 Resp: 922

Ion Ratio Lower Upper

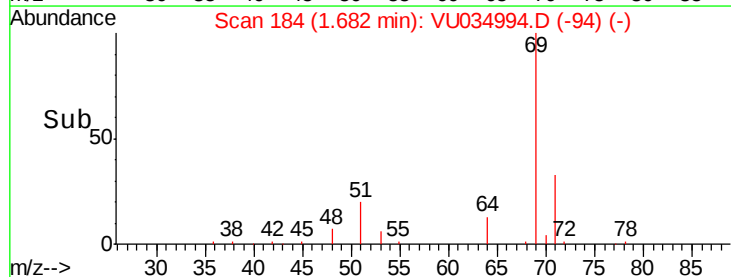
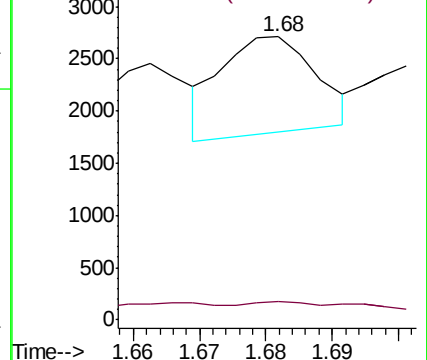
64 100

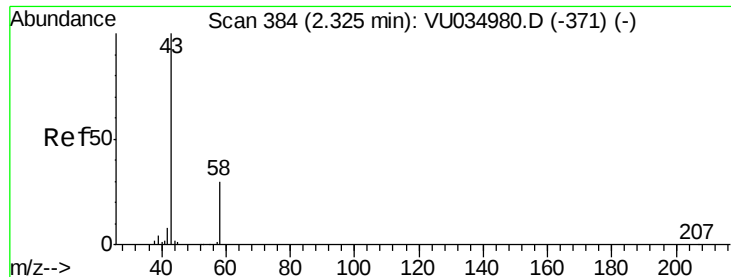
66 6.4 23.2 43.2#



Abundance Ion 64.10 (63.80 to 64.80): VU034980.D (-177) (-)

Ion 66.05 (65.75 to 66.75): VU034980.D (-177) (-)





#13

Acetone

Concen: 2.445 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU034994.D

Acq: 08 Oct 2019 17:05

Instrument :

MSVOA_U

ClientSampleId :

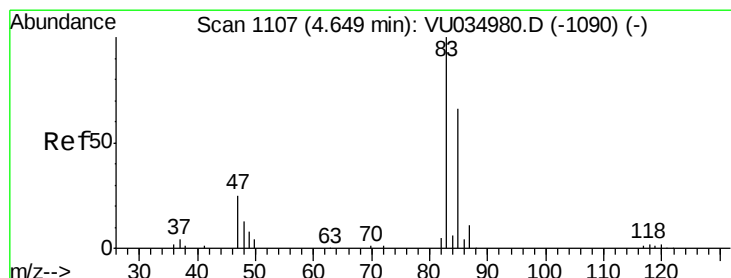
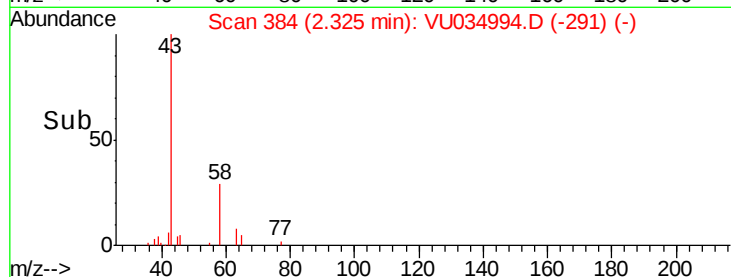
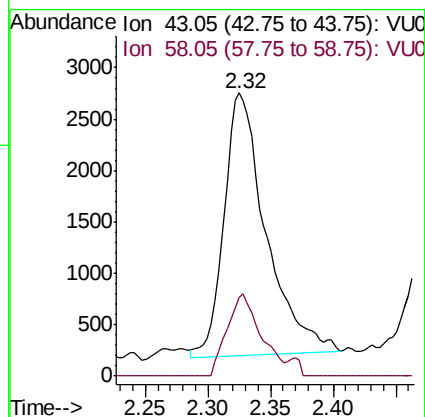
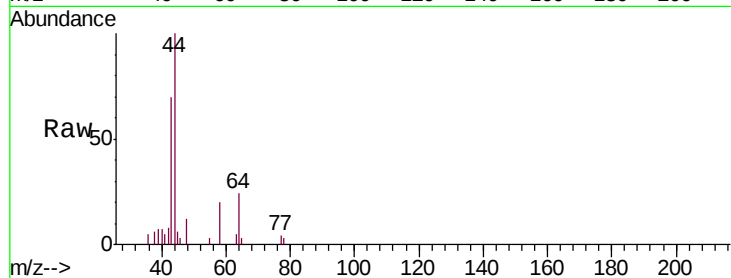
DBAX0

Tgt Ion: 43 Resp: 5959

Ion Ratio Lower Upper

43 100

58 25.0 0.0 66.6



#25

Chloroform

Concen: 0.435 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU034994.D

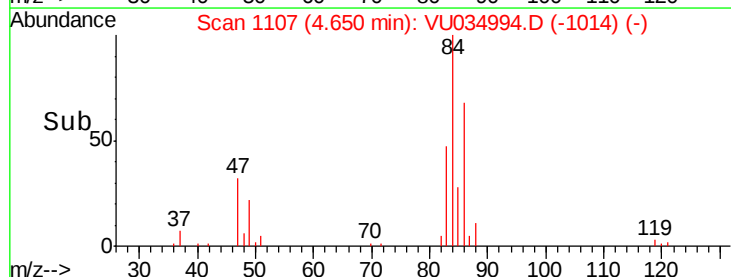
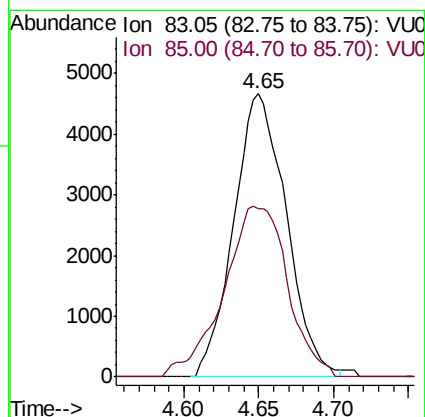
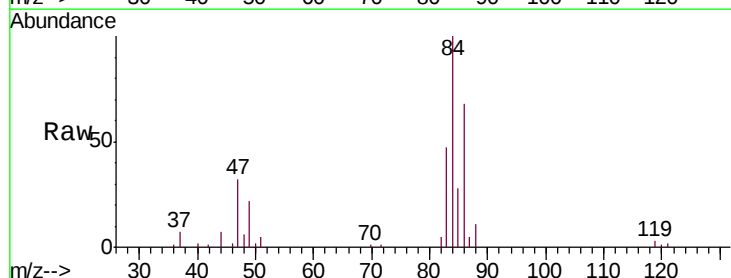
Acq: 08 Oct 2019 17:05

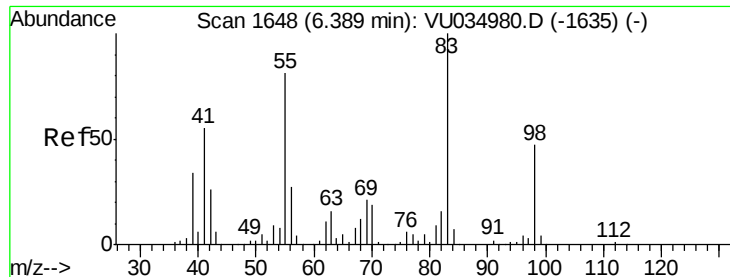
Tgt Ion: 83 Resp: 11415

Ion Ratio Lower Upper

83 100

85 59.6 45.4 84.4

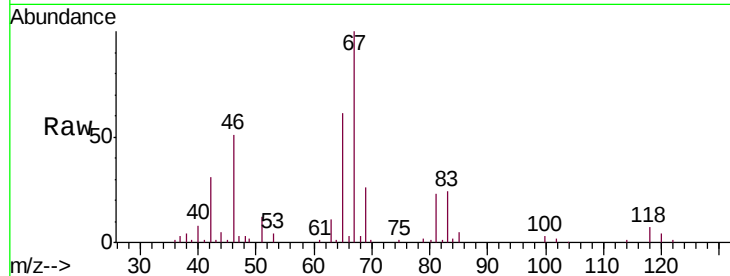




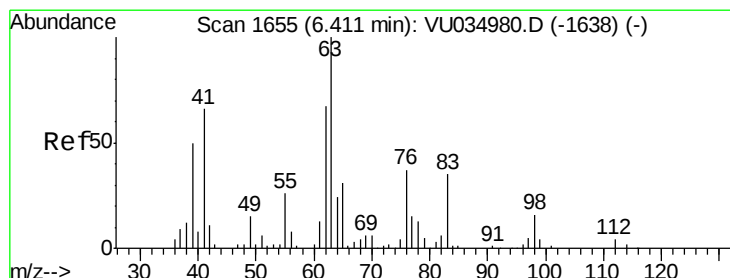
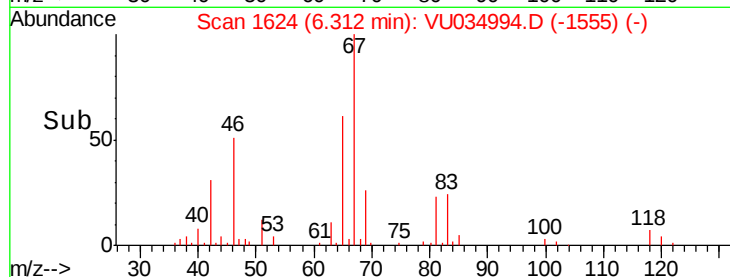
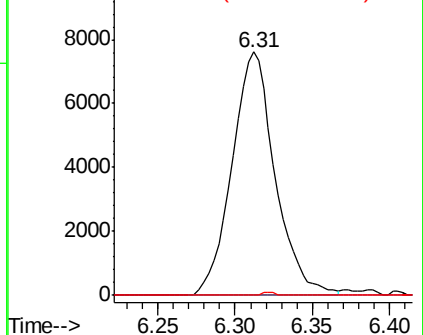
#35
Methylcyclohexane
Concen: 0.666 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034994.D
Acq: 08 Oct 2019 17:05

Instrument :
MSVOA_U
ClientSampleId :
DBAX0

Tgt Ion: 83 Resp: 14719
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.4 36.2 54.2#

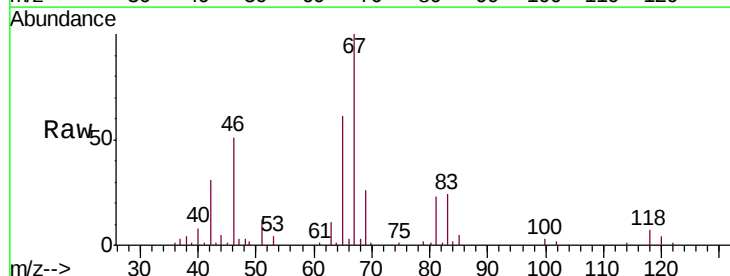


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

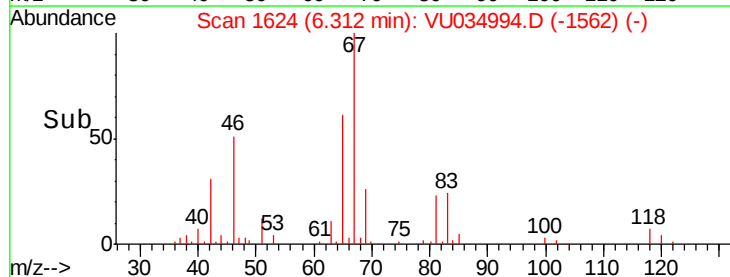
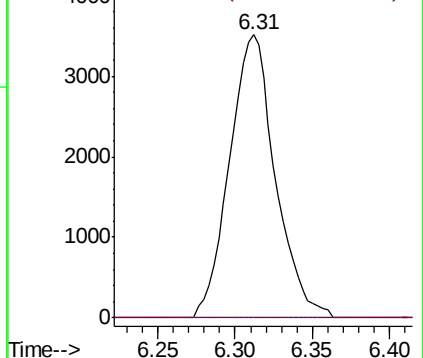


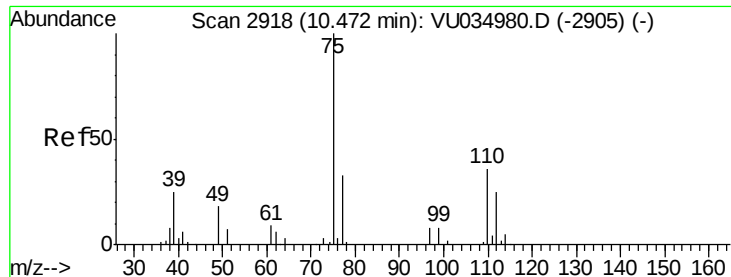
#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034994.D
Acq: 08 Oct 2019 17:05

Tgt Ion: 63 Resp: 7221
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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: 0.959 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU034994.D

Acq: 08 Oct 2019 17:05

Instrument :

MSVOA_U

ClientSampleId :

DBAX0

Tgt Ion: 75 Resp: 8852

Ion Ratio Lower Upper

75 100

77 40.0 26.5 39.7#

