

Data File : VU035055.D
Acq On : 10 Oct 2019 18:10
Operator : JC/SP
Sample : K5268-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBAW2

Quant Time: Oct 11 04:43:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	153278	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	155269	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	61135	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34113	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.68	69	36072	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.26	63	52890	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.17	46	142396	53.37	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.74%
24) Chloroform-d	4.63	84	82149	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.29	65	49303	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.32	84	161471	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.31	67	58310	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.55	98	133130	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
43) trans-1,3-Dichloropropene-	7.84	79	15600	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	8.30	63	101027	48.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.98%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	52835	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	53901	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

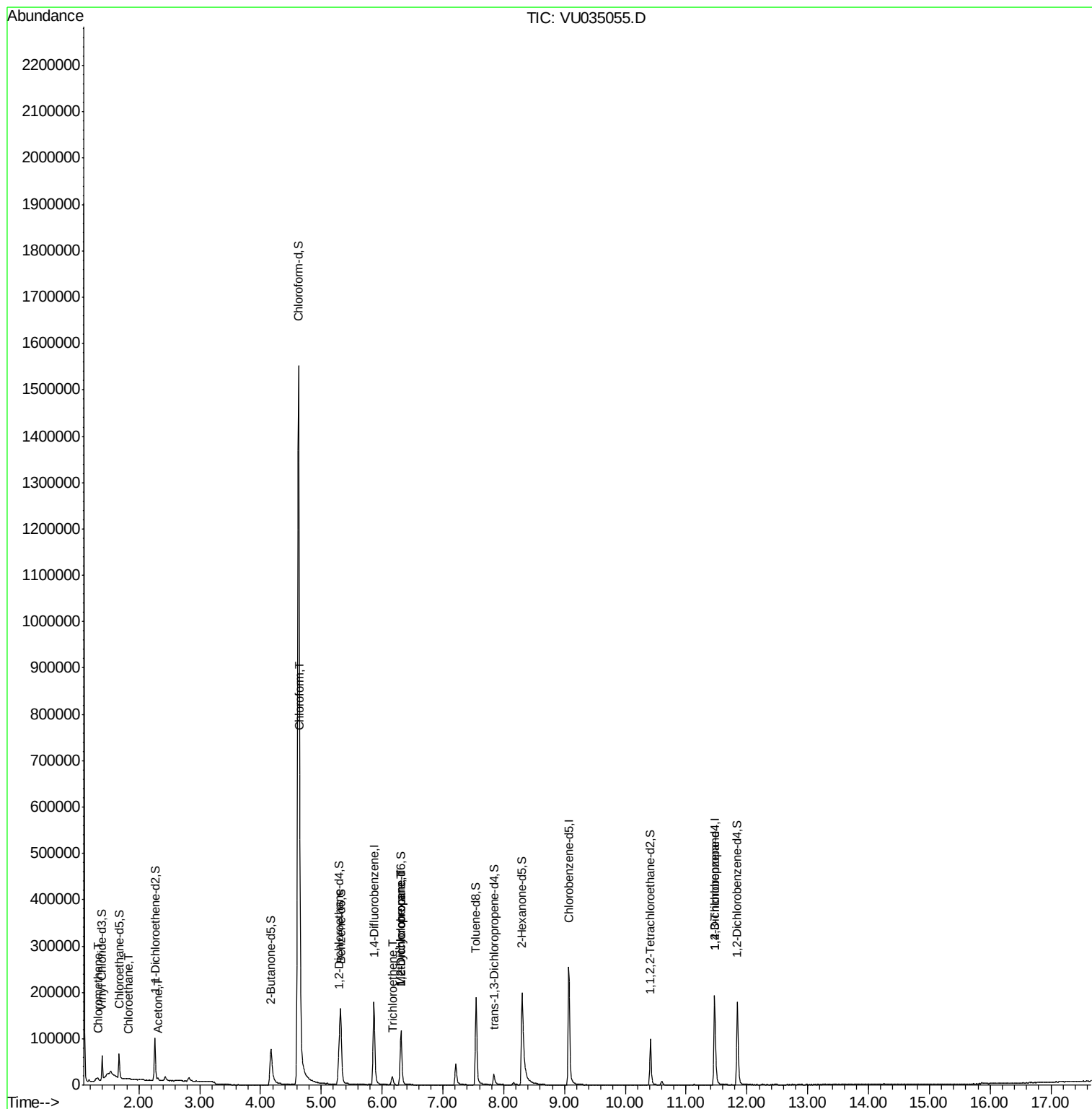
					Qvalue
3) Chloromethane	1.33	50	3889	0.253 ug/L	95
8) Chloroethane	1.84	64	1263	0.140 ug/L #	50
13) Acetone	2.31	43	6247	2.859 ug/L	93
25) Chloroform	4.66	83	5931	0.252 ug/L	93
34) Trichloroethene	6.16	95	6827	0.566 ug/L	94
35) Methylcyclohexane	6.31	83	13317	0.682 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	6532	0.518 ug/L #	88
59) 1,2,3-Trichloropropane	11.47	75	7918	0.970 ug/L	95

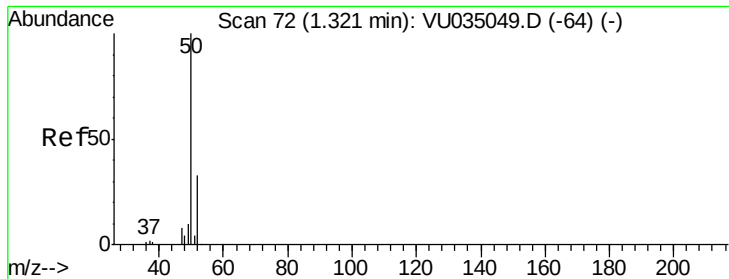
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.253 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU035055.D

Acq: 10 Oct 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

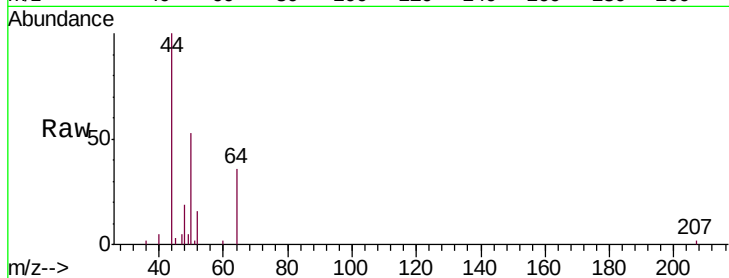
DBAW2

Tgt Ion: 50 Resp: 3889

Ion Ratio Lower Upper

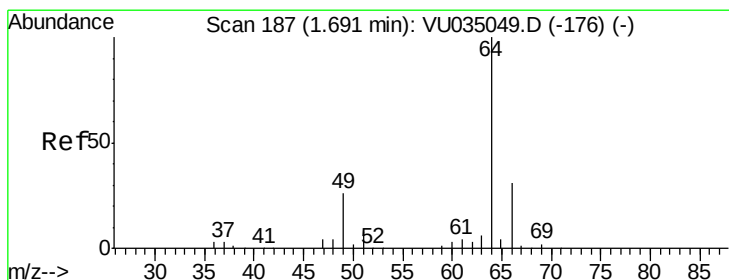
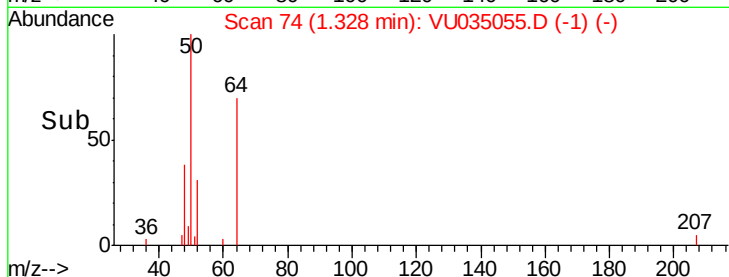
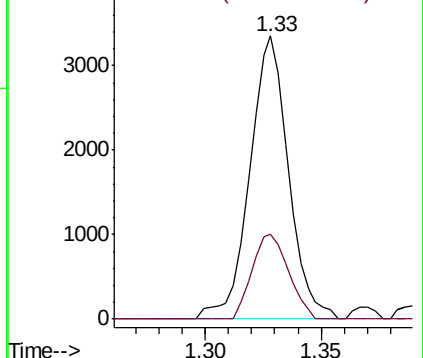
50 100

52 30.2 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.140 ug/L

RT: 1.84 min Scan# 233

Delta R.T. 0.15 min

Lab File: VU035055.D

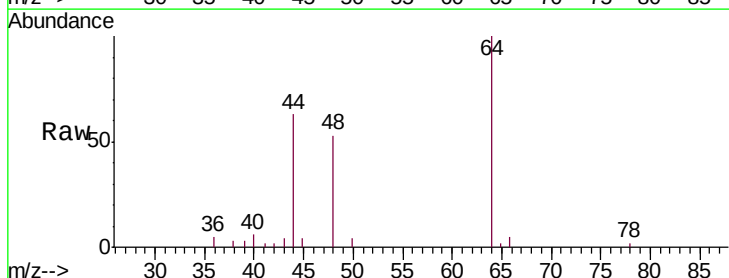
Acq: 10 Oct 2019 18:10

Tgt Ion: 64 Resp: 1263

Ion Ratio Lower Upper

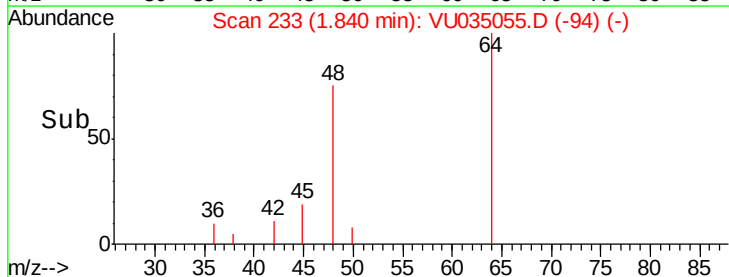
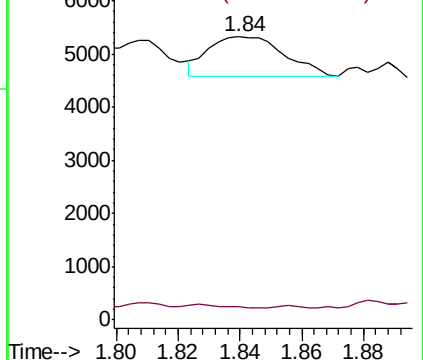
64 100

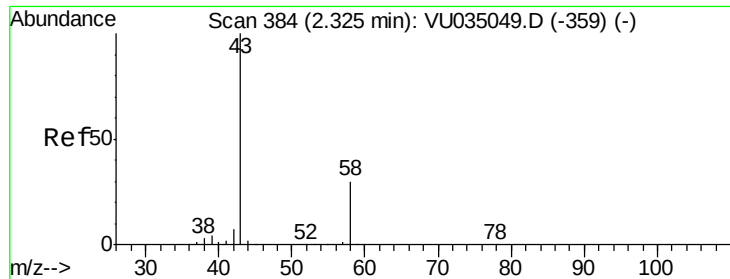
66 4.6 23.2 43.2#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 2.859 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

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Acq: 10 Oct 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

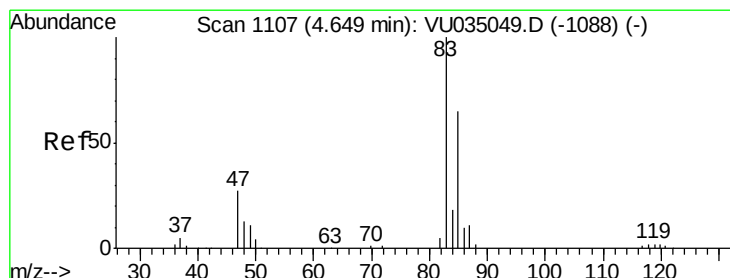
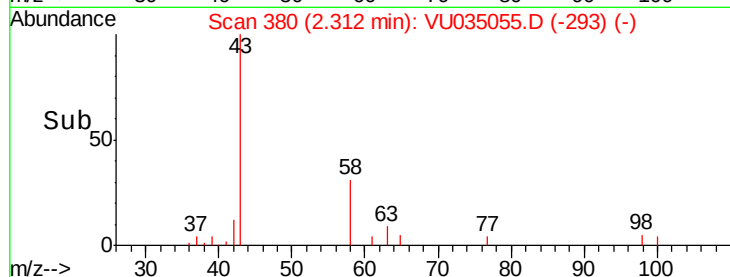
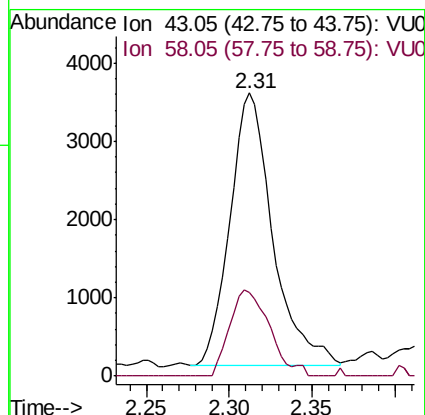
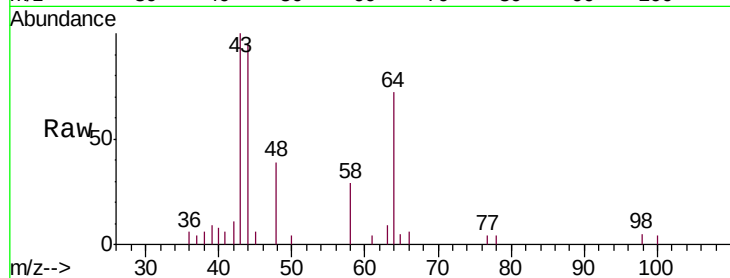
DBAW2

Tgt Ion: 43 Resp: 6247

Ion Ratio Lower Upper

43 100

58 29.4 0.0 66.6



#25

Chloroform

Concen: 0.252 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VU035055.D

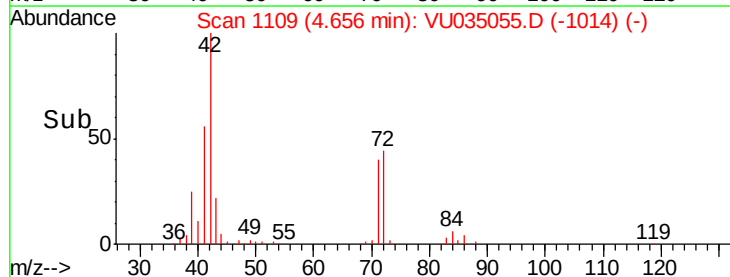
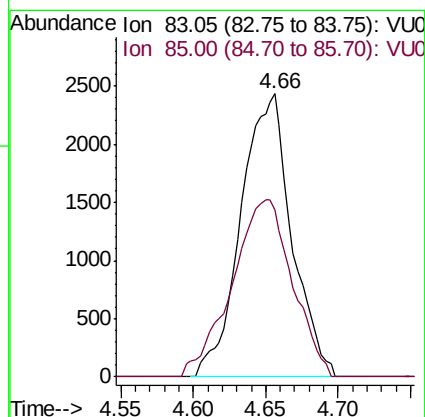
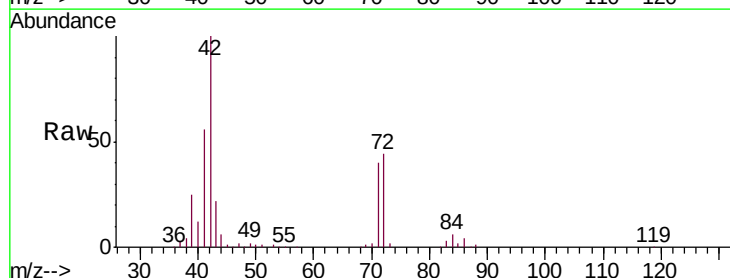
Acq: 10 Oct 2019 18:10

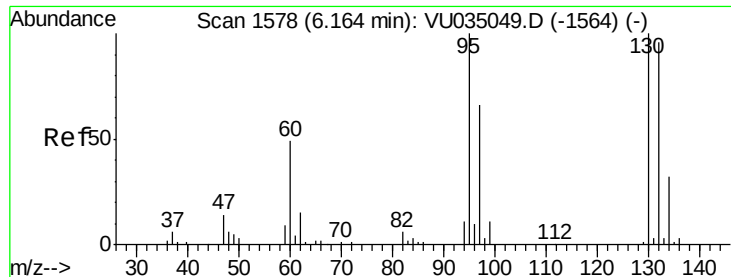
Tgt Ion: 83 Resp: 5931

Ion Ratio Lower Upper

83 100

85 59.1 45.4 84.4





#34

Trichloroethene

Concen: 0.566 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU035055.D

Acq: 10 Oct 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

DBAW2

Tgt Ion: 95 Resp: 6827

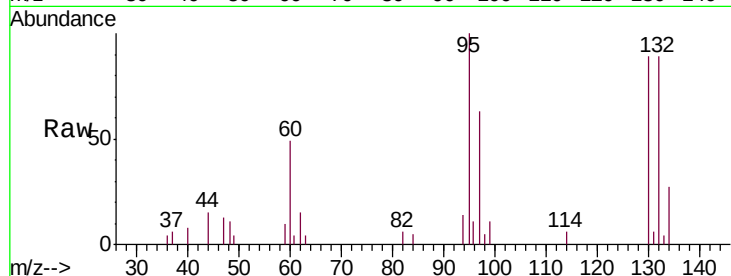
Ion Ratio Lower Upper

95 100

97 62.6 44.5 82.7

132 89.2 66.6 123.8

130 89.4 68.9 127.9

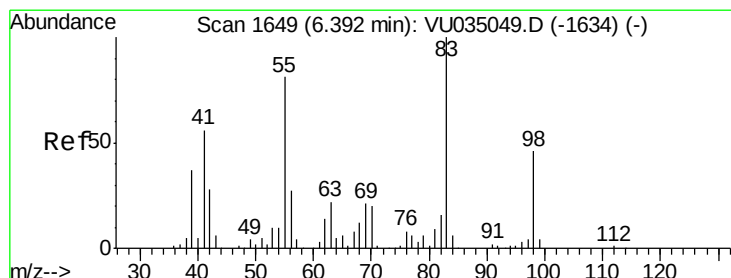
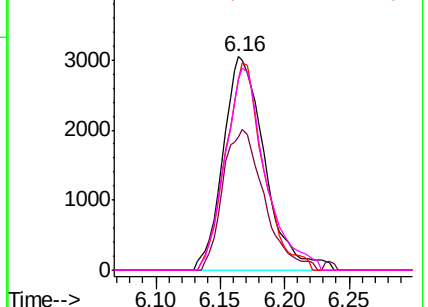
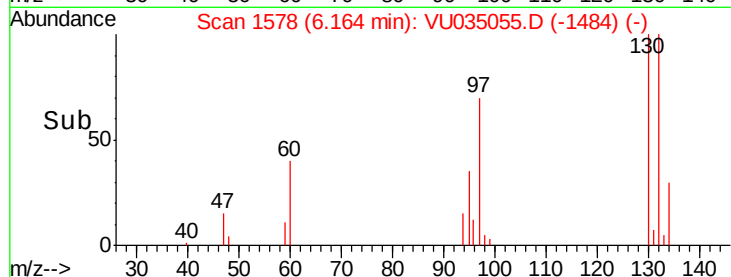


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.682 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU035055.D

Acq: 10 Oct 2019 18:10

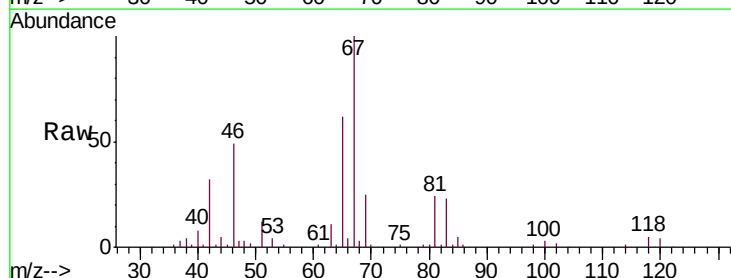
Tgt Ion: 83 Resp: 13317

Ion Ratio Lower Upper

83 100

55 0.8 62.6 94.0#

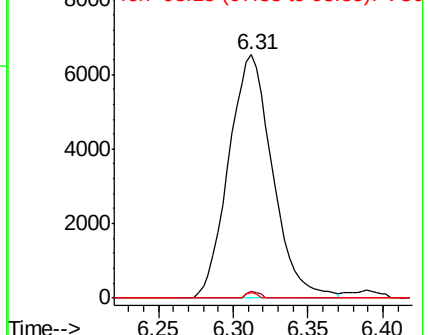
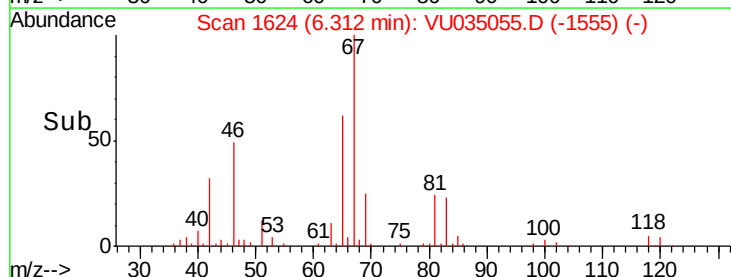
98 0.6 36.2 54.2#

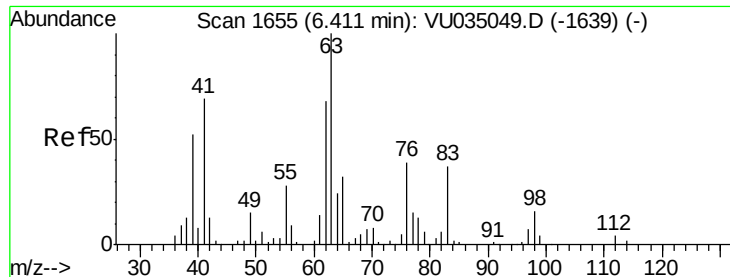


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

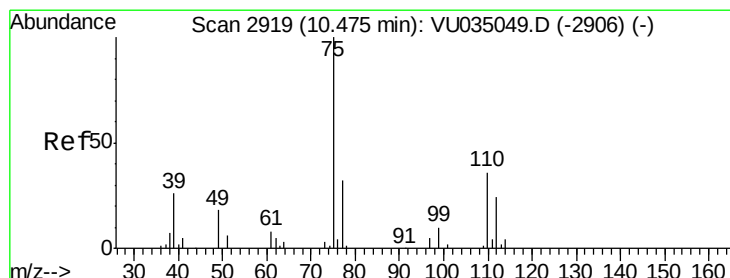
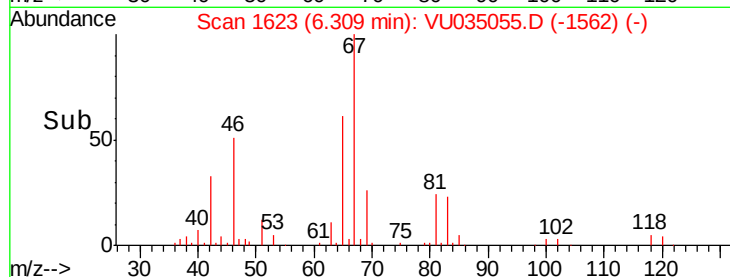
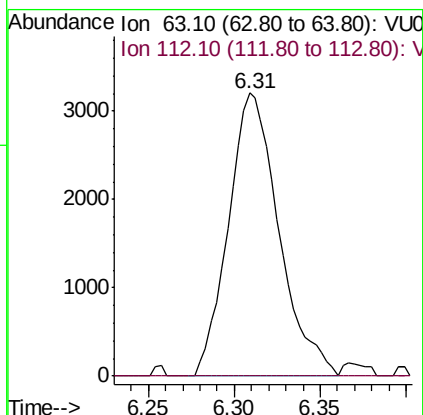
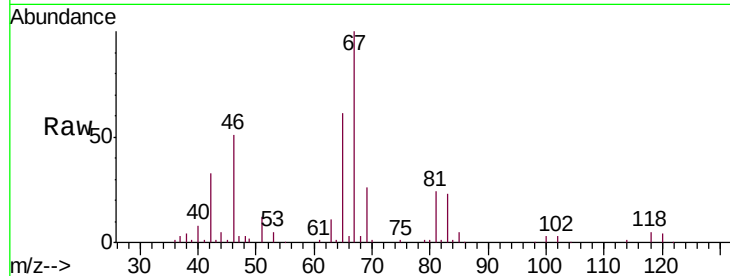




#37
 1,2-Dichloropropane
 Concen: 0.518 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU035055.D
 Acq: 10 Oct 2019 18:10

Instrument :
 MSVOA_U
 ClientSampled :
 DBAW2

Tgt Ion: 63 Resp: 6532
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#59
 1,2,3-Trichloropropane
 Concen: 0.970 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 1.00 min
 Lab File: VU035055.D
 Acq: 10 Oct 2019 18:10

Tgt Ion: 75 Resp: 7918
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.5 39.7

