

Data File : VU034872.D
Acq On : 27 Sep 2019 14:02
Operator : JC/SP
Sample : K5044-04DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK36DL

Quant Time: Sep 28 00:31:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 28 00:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	85221	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	80938	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	36816	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	27356	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.67	69	23402	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.26	63	39716	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.18	46	71548	42.92	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.84%
24) Chloroform-d	4.62	84	33600	3.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.00%#
26) 1,2-Dichloroethane-d4	5.29	65	22573	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
32) Benzene-d6	5.32	84	85528	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.31	67	29505	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.54	98	78177	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	7.84	79	8928	3.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.80%
46) 2-Hexanone-d5	8.30	63	49174	37.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.16%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	21363	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	26236	4.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.60%

Target Compounds

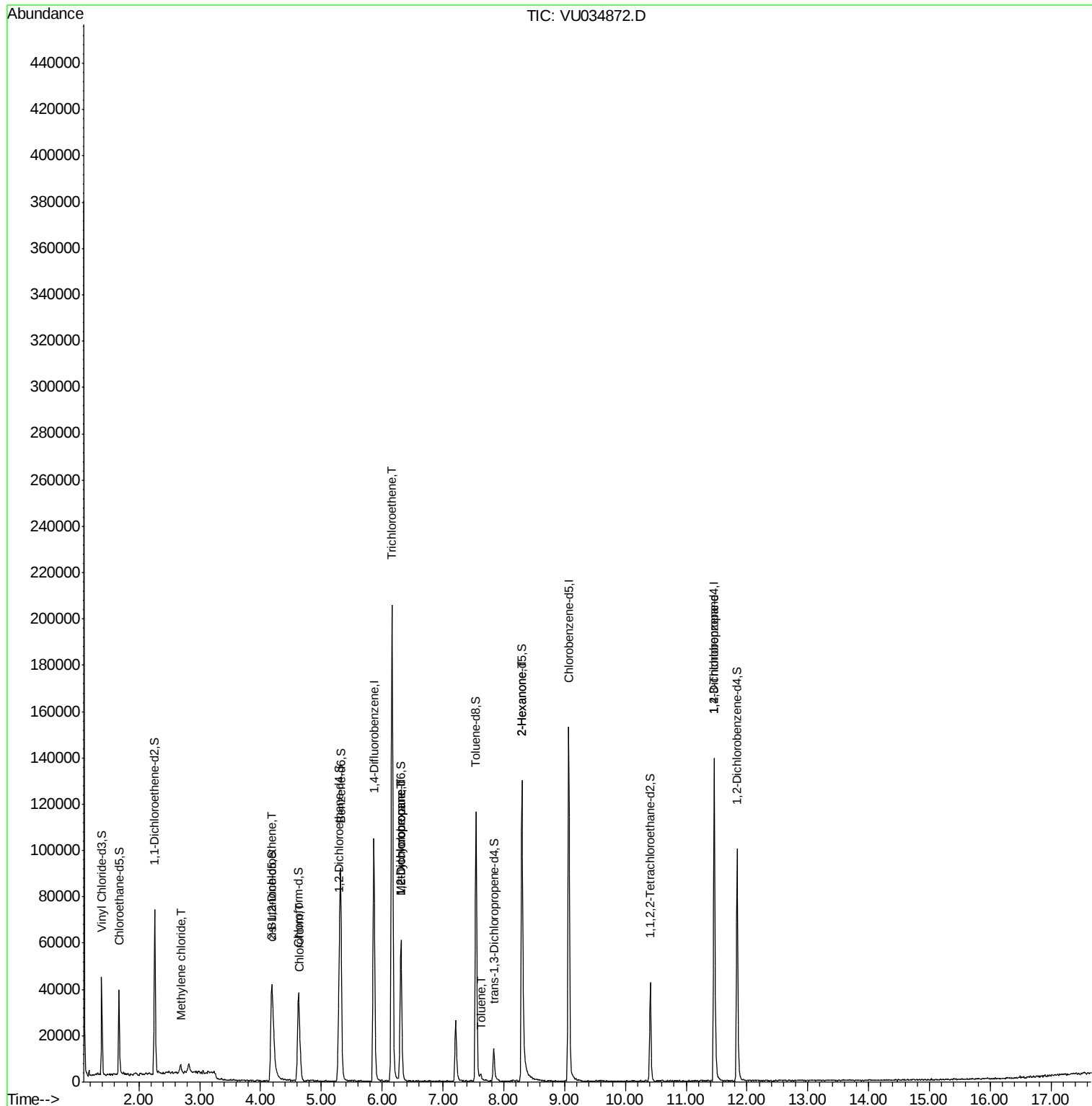
					Qvalue
16) Methylene chloride	2.68	84	1310	0.234 ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	5374	0.920 ug/L	94
25) Chloroform	4.65	83	8658	0.726 ug/L	91
34) Trichloroethene	6.16	95	70254	12.878 ug/L	97
35) Methylcyclohexane	6.31	83	6334	0.719 ug/L #	17
37) 1,2-Dichloropropane	6.31	63	2907	0.430 ug/L #	92
42) Toluene	7.62	91	2232	0.094 ug/L	98
48) 2-Hexanone	8.30	43	6463	1.888 ug/L #	65
59) 1,2,3-Trichloropropane	11.46	75	5743	1.301 ug/L	97

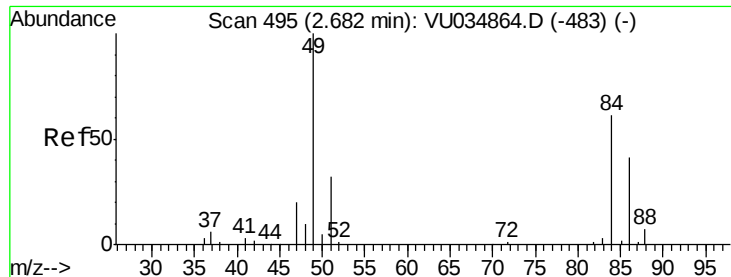
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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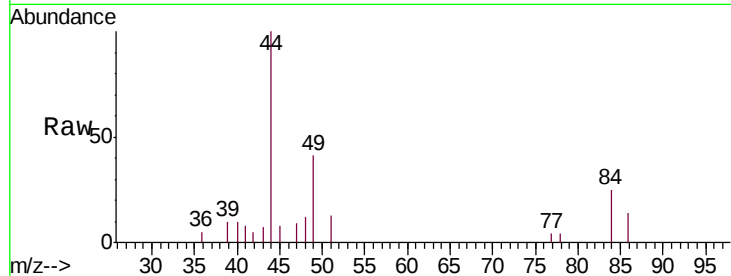




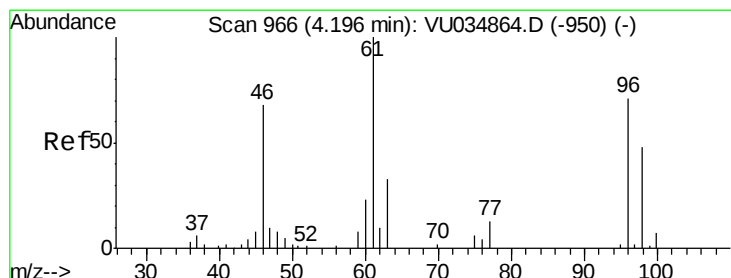
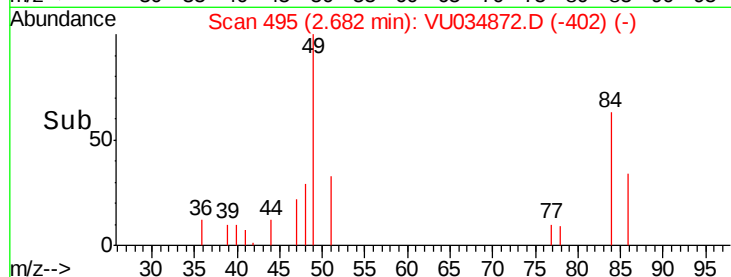
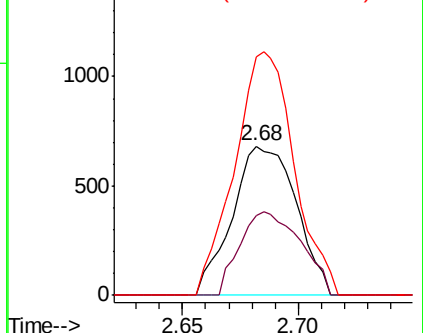
#16
Methylene chloride
Concen: 0.234 ug/L
RT: 2.68 min Scan# 495
Delta R.T. 0.00 min
Lab File: VU034872.D
Acq: 27 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampled :
CWK36DL

Tgt Ion: 84 Resp: 1310
Ion Ratio Lower Upper
84 100
86 53.9 43.0 80.0
49 159.8 110.9 205.9

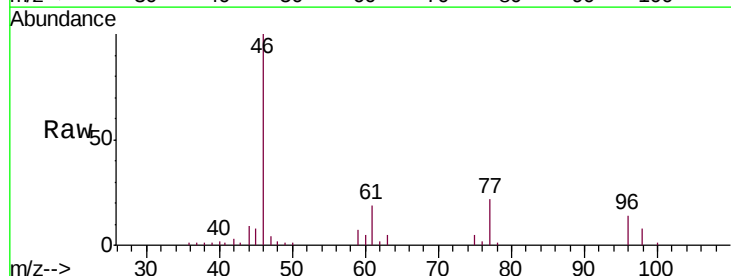


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

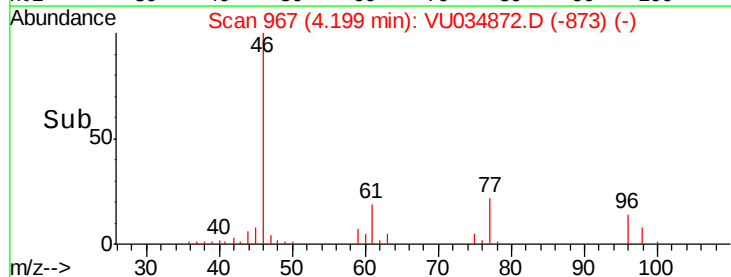
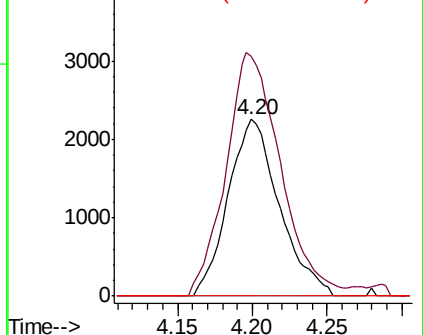


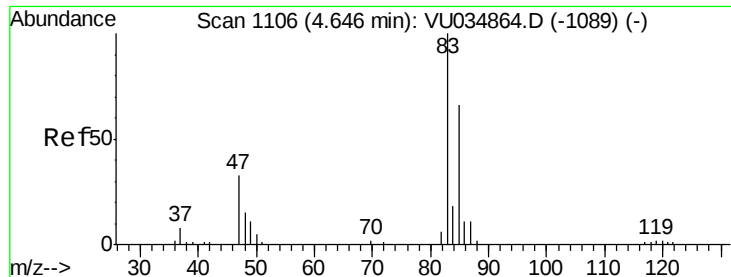
#22
cis-1,2-Dichloroethene
Concen: 0.920 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU034872.D
Acq: 27 Sep 2019 14:02

Tgt Ion: 96 Resp: 5374
Ion Ratio Lower Upper
96 100
61 135.5 100.0 185.8
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#25

Chloroform

Concen: 0.726 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU034872.D

Acq: 27 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

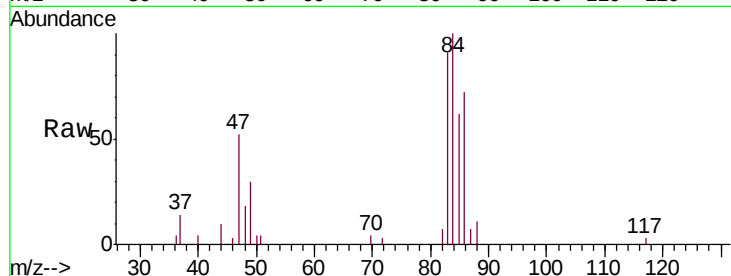
CWK36DL

Tgt Ion: 83 Resp: 8658

Ion Ratio Lower Upper

83 100

85 67.8 42.8 79.4



Abundance Ion 83.05 (82.75 to 83.75): VU034864.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU034864.D (-1089) (-)

4.65

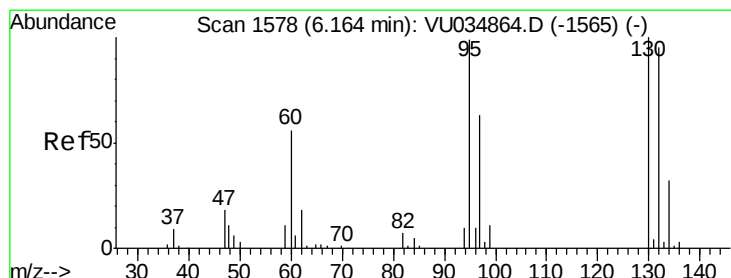
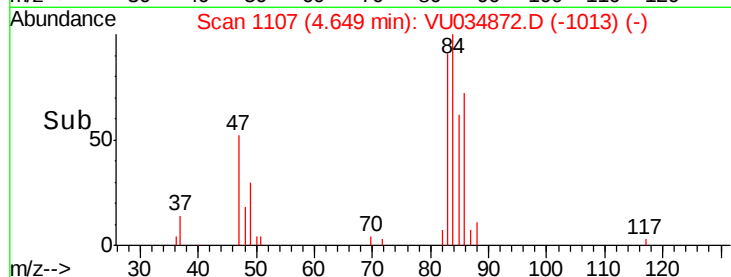
3000

2000

1000

0

Time--> 4.55 4.60 4.65 4.70



#34

Trichloroethene

Concen: 12.878 ug/L

RT: 6.16 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VU034872.D

Acq: 27 Sep 2019 14:02

Tgt Ion: 95 Resp: 70254

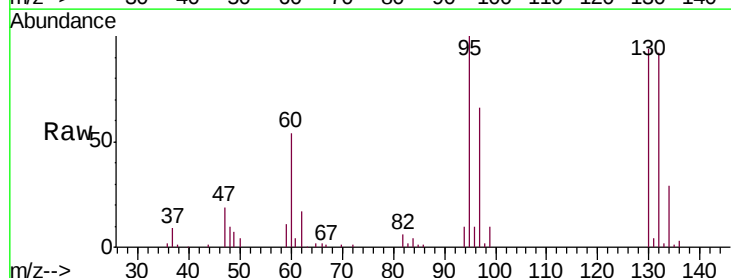
Ion Ratio Lower Upper

95 100

97 65.6 45.2 84.0

132 92.1 60.9 113.1

130 94.0 64.3 119.3



Abundance Ion 95.00 (94.70 to 95.70): VU034864.D (-1565) (-)

Ion 96.95 (96.65 to 97.65): VU034864.D (-1565) (-)

Ion 131.95 (131.65 to 132.65): VU034864.D (-1565) (-)

Ion 129.95 (129.65 to 130.65): VU034864.D (-1565) (-)

50000

40000

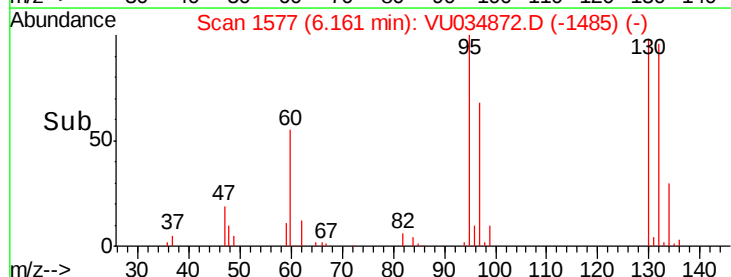
30000

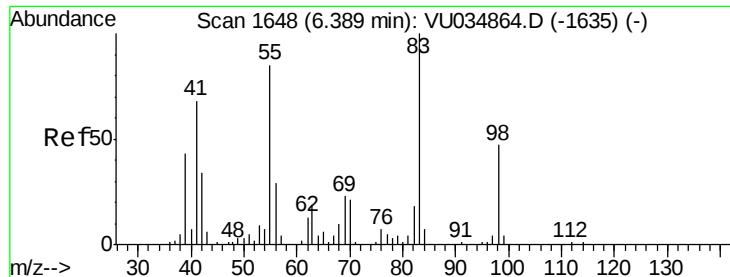
20000

10000

0

Time--> 6.10 6.20 6.30

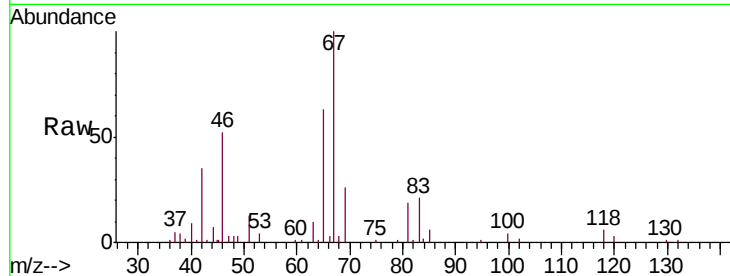




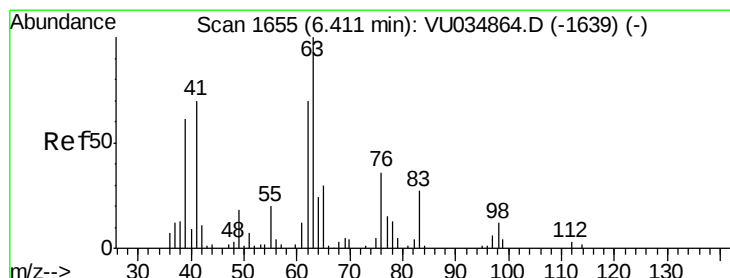
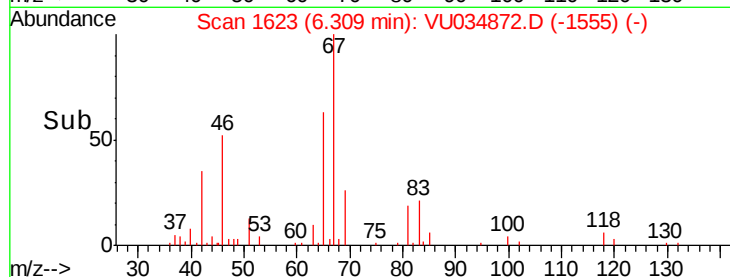
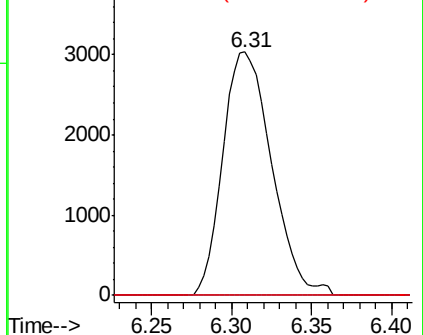
#35
Methylcyclohexane
Concen: 0.719 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034872.D
Acq: 27 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
CWK36DL

Tgt Ion: 83 Resp: 6334
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 1.3 35.4 53.0#

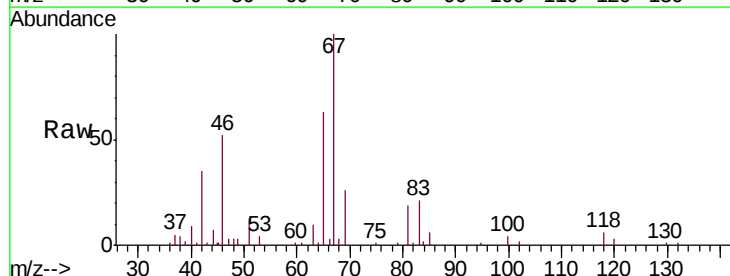


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

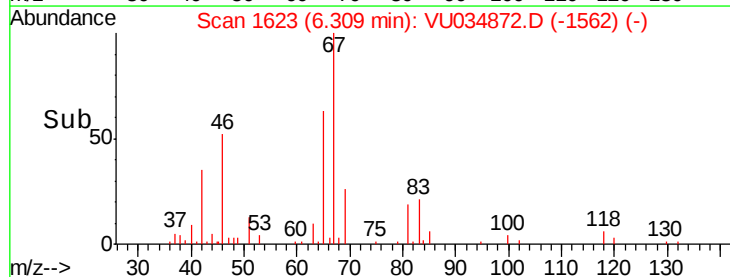
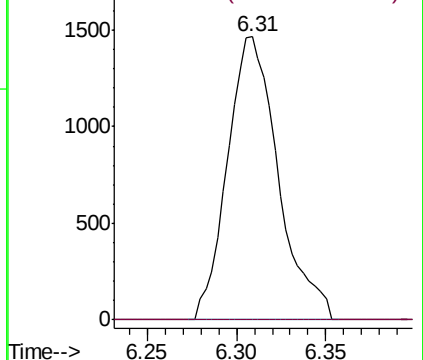


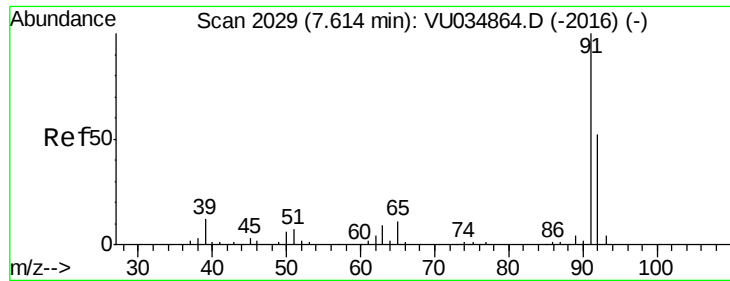
#37
1,2-Dichloropropane
Concen: 0.430 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034872.D
Acq: 27 Sep 2019 14:02

Tgt Ion: 63 Resp: 2907
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





#42

Toluene

Concen: 0.094 ug/L

RT: 7.62 min Scan# 2032

Delta R.T. 0.01 min

Lab File: VU034872.D

Acq: 27 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampled :

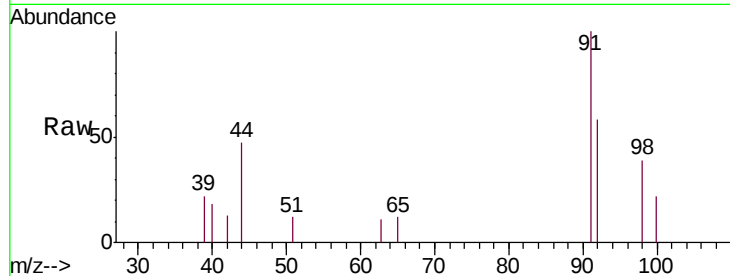
CWK36DL

Tgt Ion: 91 Resp: 2232

Ion Ratio Lower Upper

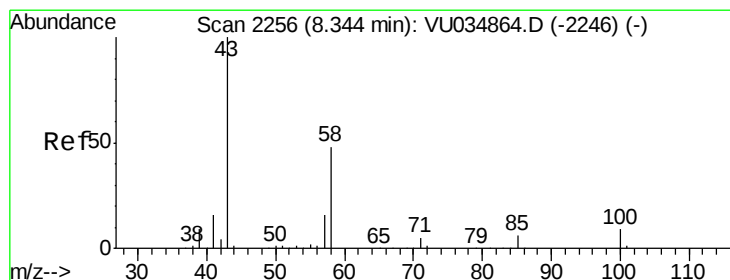
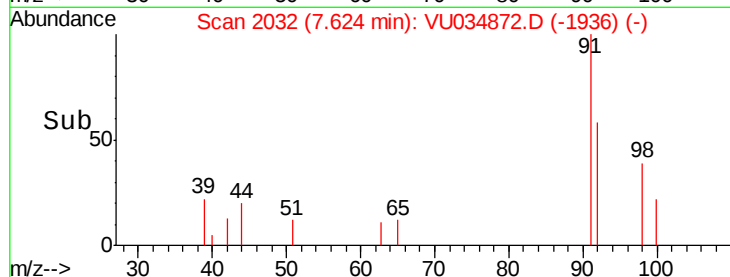
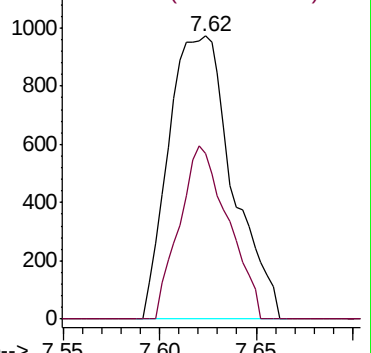
91 100

92 58.3 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VU034864.D (-2016) (-)

Ion 92.15 (91.85 to 92.85): VU034864.D (-2016) (-)



#48

2-Hexanone

Concen: 1.888 ug/L

RT: 8.30 min Scan# 2242

Delta R.T. -0.04 min

Lab File: VU034872.D

Acq: 27 Sep 2019 14:02

Tgt Ion: 43 Resp: 6463

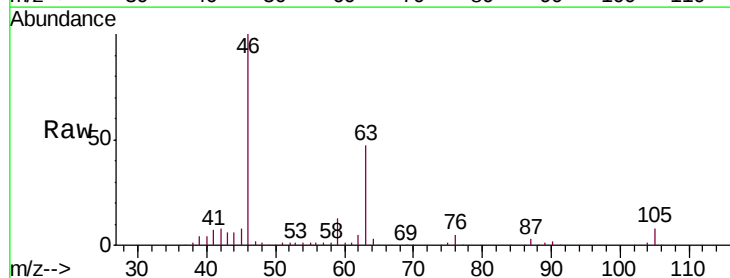
Ion Ratio Lower Upper

43 100

58 20.2 41.2 61.8#

57 20.1 13.3 19.9#

100 0.0 7.2 10.8#

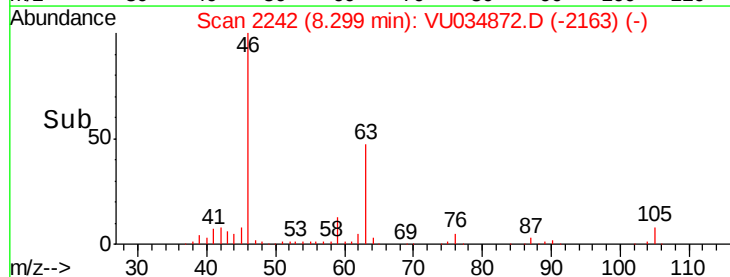
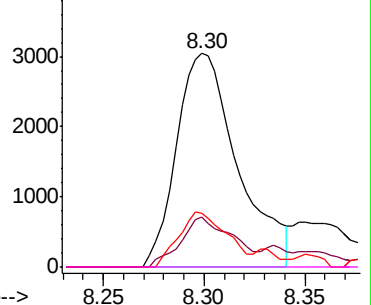


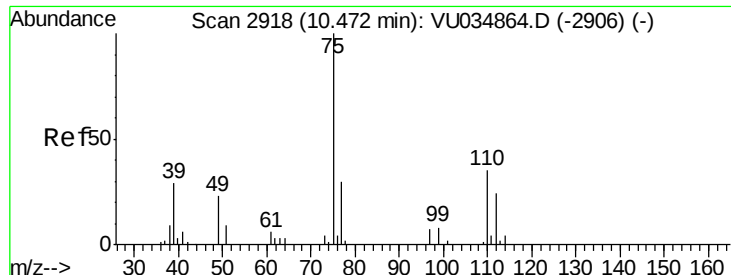
Abundance Ion 43.05 (42.75 to 43.75): VU034864.D (-2246) (-)

Ion 58.05 (57.75 to 58.75): VU034864.D (-2246) (-)

Ion 57.20 (56.90 to 57.90): VU034864.D (-2246) (-)

Ion 100.15 (99.85 to 100.85): VU034864.D (-2246) (-)





#59

1,2,3-Trichloropropane

Concen: 1.301 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034872.D

Acq: 27 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

CWK36DL

Tgt Ion: 75 Resp: 5743

Ion Ratio Lower Upper

75 100

77 31.0 26.0 39.0

