

Data File : VU036332.D
Acq On : 23 Dec 2019 17:36
Operator : JC/MD
Sample : K6282-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 24 00:22:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 00:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	260407	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	285620	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	118864	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	133395	5.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.40%
7) Chloroethane-d5	1.93	69	114662	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.59	63	137097	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.69	46	221035	51.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.90%
24) Chloroform-d	5.11	84	187296	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.75	65	102036	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.77	84	371905	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.73	67	113203	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.93	98	309441	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	8.21	79	43448	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.68	63	175155	49.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	99509	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	122668	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

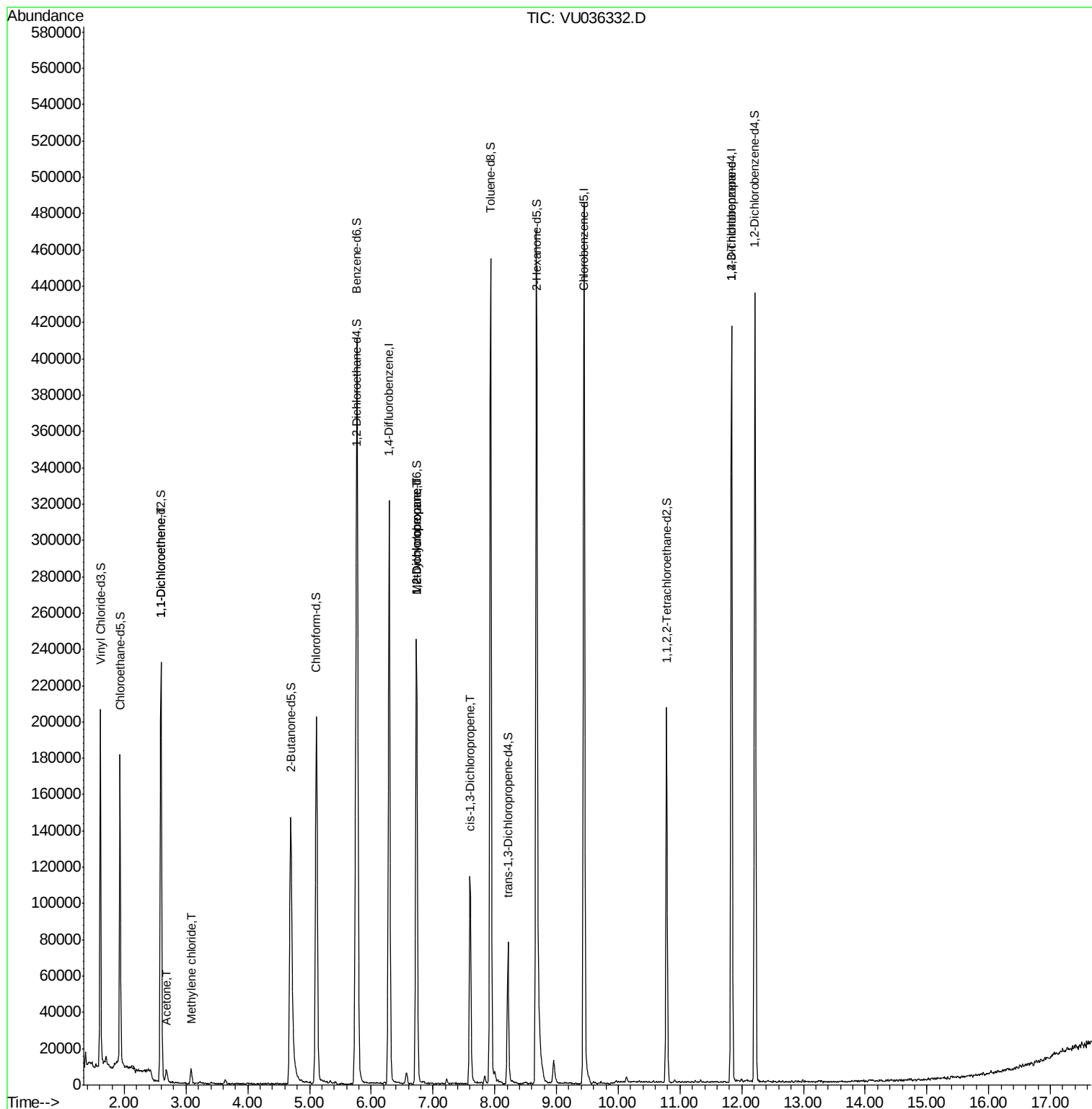
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1240	0.064 ug/L #	1
13) Acetone	2.68	43	9775	2.611 ug/L	96
16) Methylene chloride	3.08	84	4396	0.155 ug/L	89
35) Methylcyclohexane	6.73	83	27409	0.852 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12788	0.571 ug/L #	85
39) cis-1,3-Dichloropropene	7.61	75	2625	0.086 ug/L #	50
59) 1,2,3-Trichloropropane	11.83	75	12541	0.843 ug/L #	87

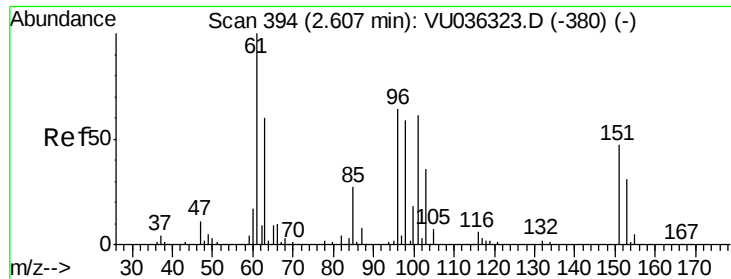
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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Acq: 23 Dec 2019 17:36

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

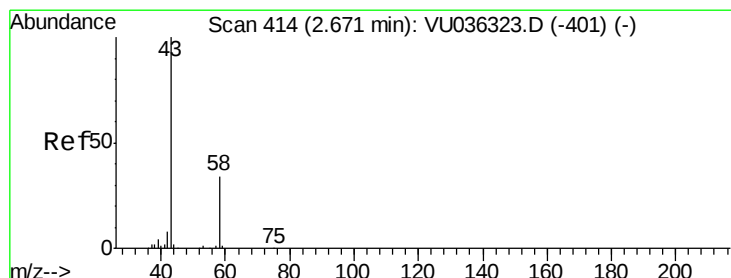
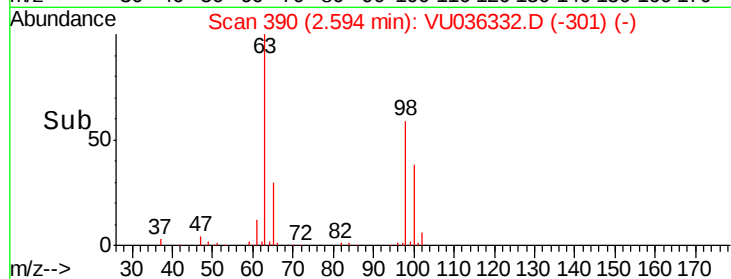
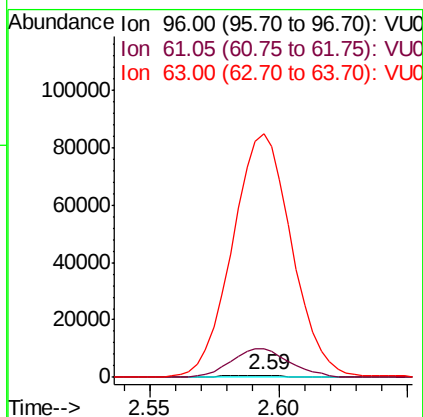
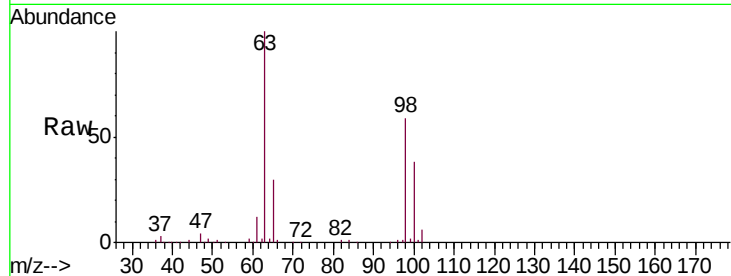
Tgt Ion: 96 Resp: 1240

Ion Ratio Lower Upper

96 100

61 1300.5 114.0 211.8#

63 10960.2 63.6 118.0#



#13

Acetone

Concen: 2.611 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU036332.D

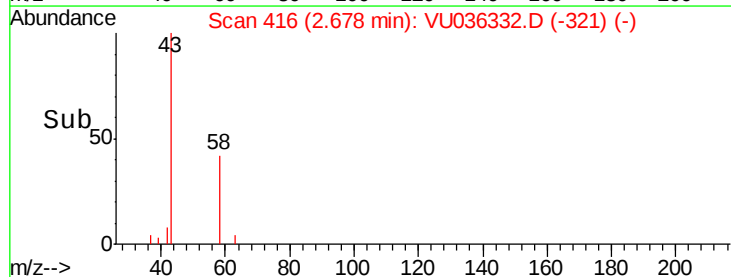
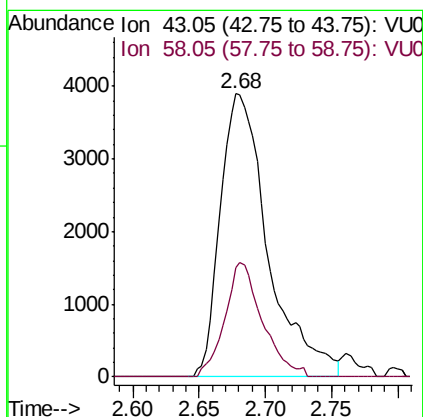
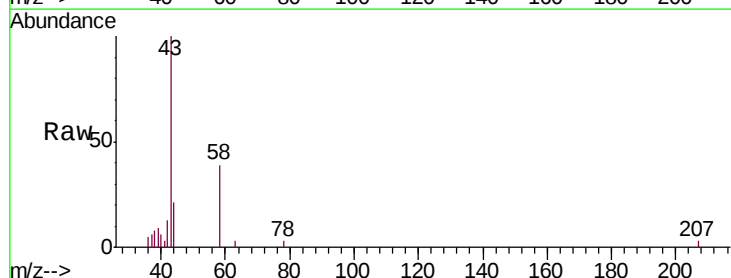
Acq: 23 Dec 2019 17:36

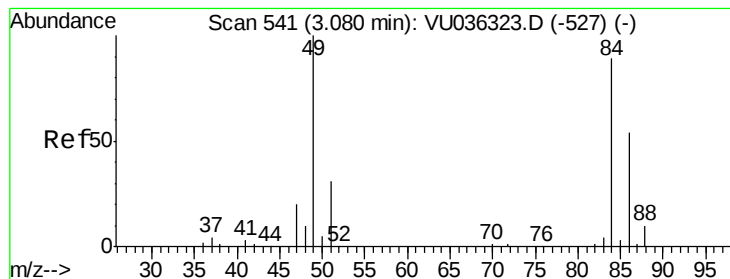
Tgt Ion: 43 Resp: 9775

Ion Ratio Lower Upper

43 100

58 31.6 0.0 67.6





#16

Methylene chloride

Concen: 0.155 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

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Acq: 23 Dec 2019 17:36

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

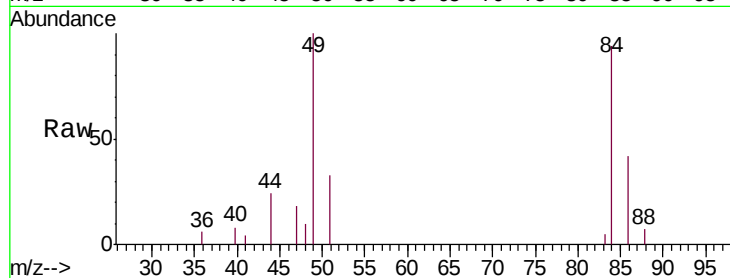
Tgt Ion: 84 Resp: 4396

Ion Ratio Lower Upper

84 100

86 44.6 43.0 79.8

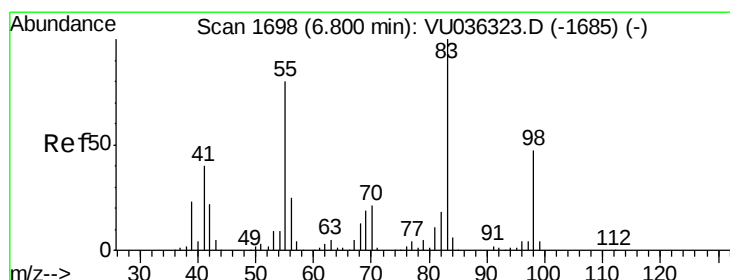
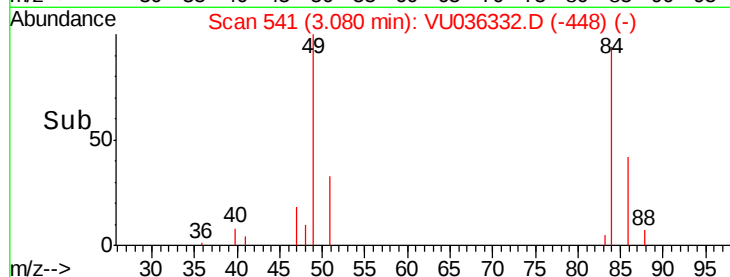
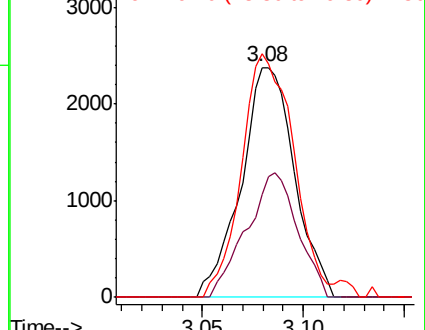
49 105.8 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU036332.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU036332.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU036332.D (-527) (-)



#35

Methylcyclohexane

Concen: 0.852 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.07 min

Lab File: VU036332.D

Acq: 23 Dec 2019 17:36

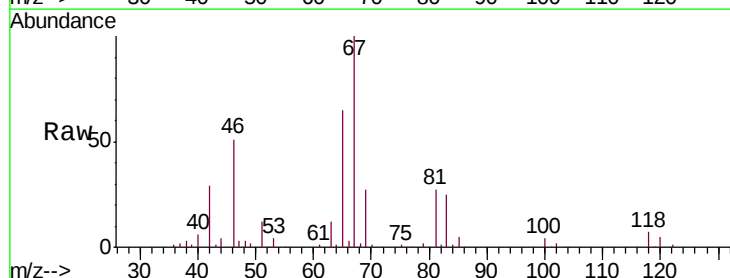
Tgt Ion: 83 Resp: 27409

Ion Ratio Lower Upper

83 100

55 0.1 62.6 94.0#

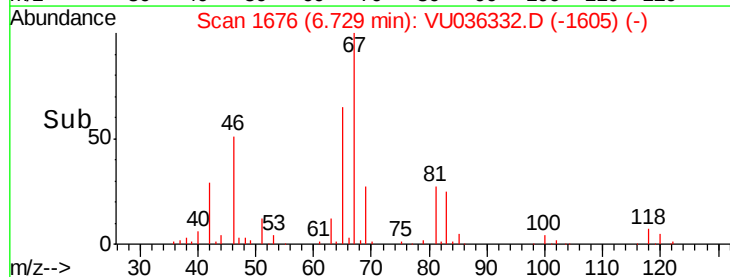
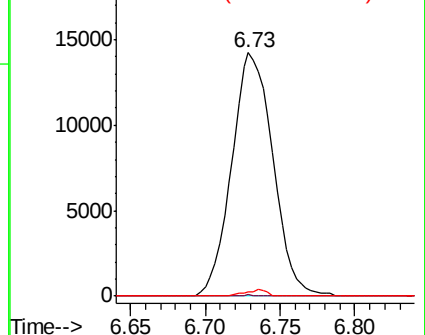
98 1.4 36.2 54.2#

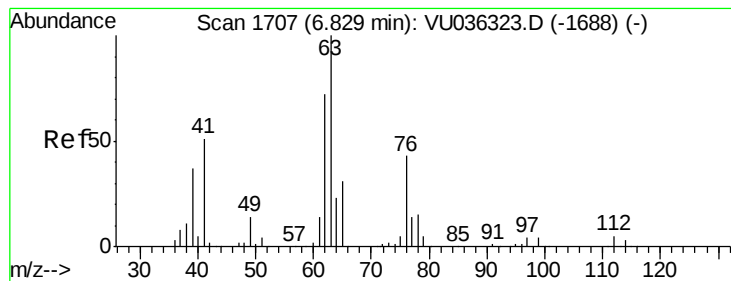


Abundance Ion 83.15 (82.85 to 83.85): VU036332.D (-1685) (-)

Ion 55.10 (54.80 to 55.80): VU036332.D (-1685) (-)

Ion 98.15 (97.85 to 98.85): VU036332.D (-1685) (-)





#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036332.D

Acq: 23 Dec 2019 17:36

Instrument :

MSVOA_U

ClientSampleId :

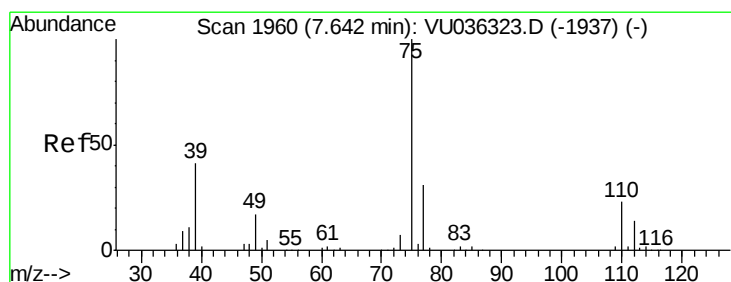
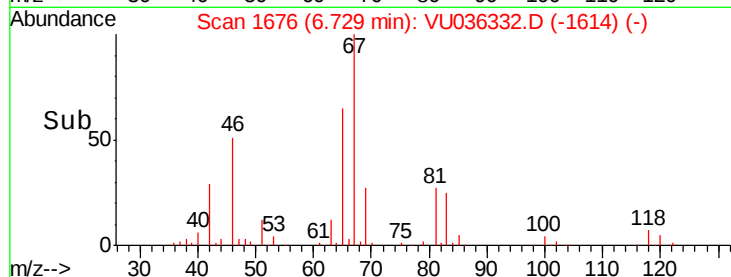
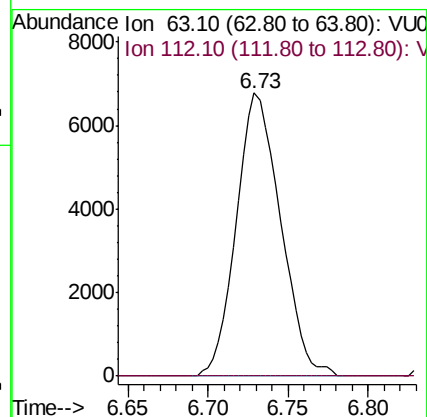
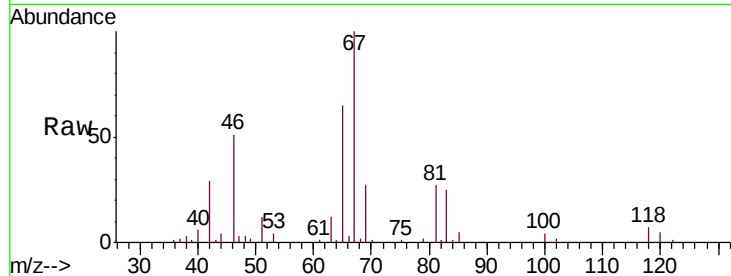
VHBLK01

Tgt Ion: 63 Resp: 12788

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU036332.D

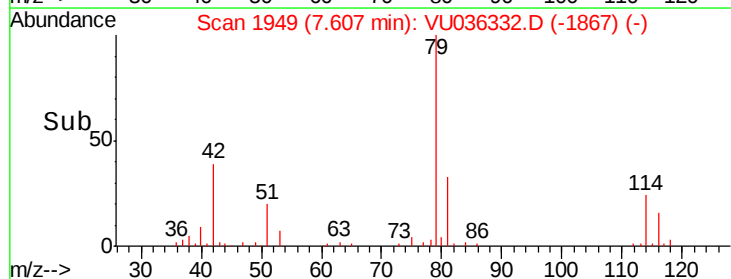
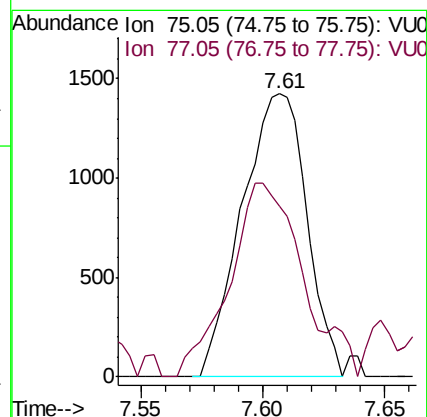
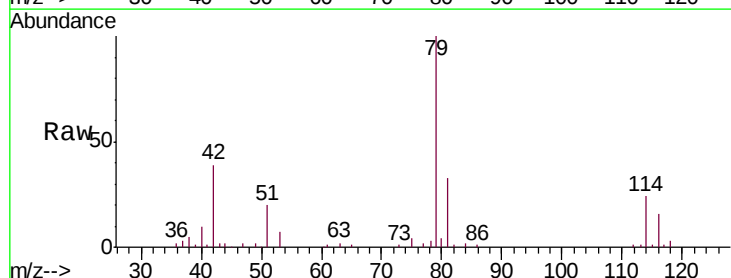
Acq: 23 Dec 2019 17:36

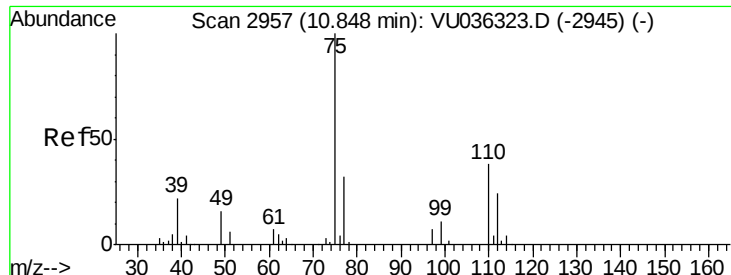
Tgt Ion: 75 Resp: 2625

Ion Ratio Lower Upper

75 100

77 60.3 22.7 42.1#





#59

1,2,3-Trichloropropane

Concen: 0.843 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036332.D

Acq: 23 Dec 2019 17:36

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 12541

Ion Ratio Lower Upper

75 100

77 41.5 27.2 40.8#

