

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010720\
 Data File : VU036397.D
 Acq On : 07 Jan 2020 16:52
 Operator : JC/MD
 Sample : L1042-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 08 03:58:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 08 03:56:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	413598	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	395464	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	144599	50.00	ug/L	0.00

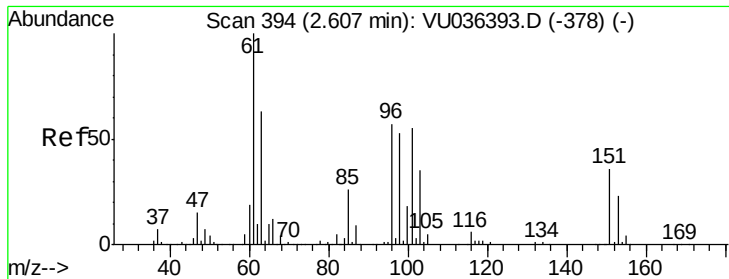
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	174745	54.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.44%
7) Chloroethane-d5	1.93	69	153818	56.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.16%
11) 1,1-Dichloroethene-d2	2.59	63	260900	47.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.04%
21) 2-Butanone-d5	4.68	46	297378	123.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.91%
24) Chloroform-d	5.11	84	360008	64.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.00%#
26) 1,2-Dichloroethane-d4	5.75	65	246817	66.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.36%#
32) Benzene-d6	5.77	84	718110	65.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	130.44%#
36) 1,2-Dichloropropane-d6	6.73	67	235129	63.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	127.36%#
41) Toluene-d8	7.93	98	681748	64.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.02%#
43) trans-1,3-Dichloropropene-	8.21	79	122794	61.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.58%
47) 2-Hexanone-d5	8.67	63	226798	119.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.09%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	339838	60.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	121.36%#
64) 1,2-Dichlorobenzene-d4	12.22	152	198872	65.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	131.14%#

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2116	0.872 ug/L #	23
12) 1,1-Dichloroethene	2.59	96	2130	0.890 ug/L #	1
13) Acetone	2.66	43	15236	6.121 ug/L	93
22) 2-Butanone	4.76	43	9412	3.201 ug/L	93
44) trans-1,3-Dichloropropene	8.21	75	5734	1.169 ug/L	90
59) 1,2,3-Trichloropropane	11.84	75	21541	4.881 ug/L	91

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.872 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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MSVOA_U

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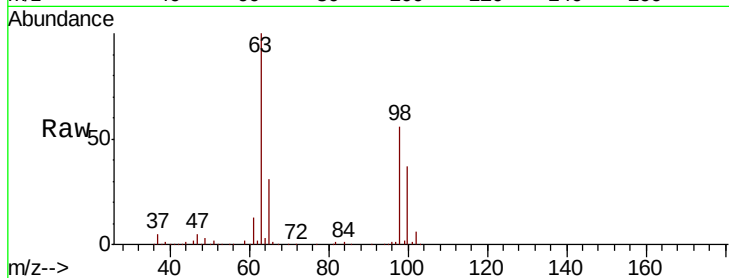
Tot Ion:101 Resp: 2116

Ion Ratio Lower Upper

101 100

85 2.0 37.1 55.7#

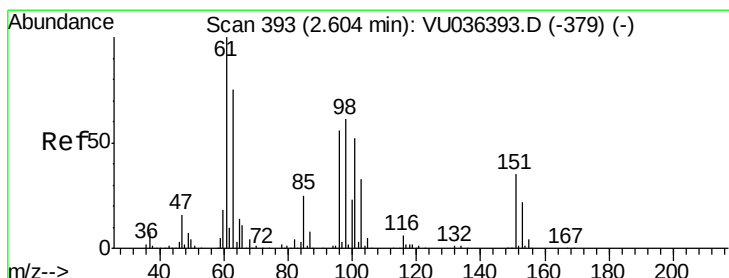
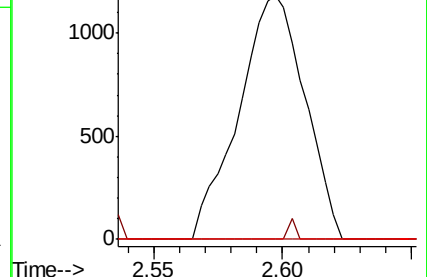
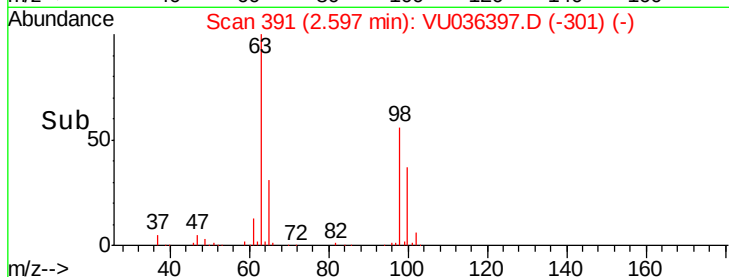
151 0.0 54.3 81.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.890 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036397.D

Acq: 07 Jan 2020 16:52

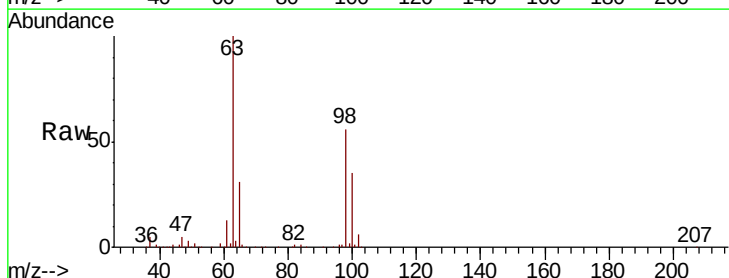
Tgt Ion: 96 Resp: 2130

Ion Ratio Lower Upper

96 100

61 1546.6 120.9 224.5#

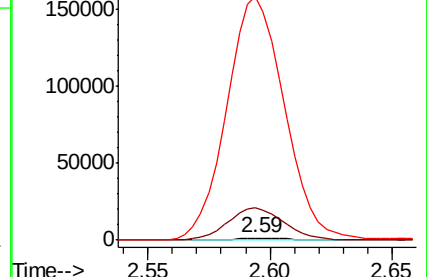
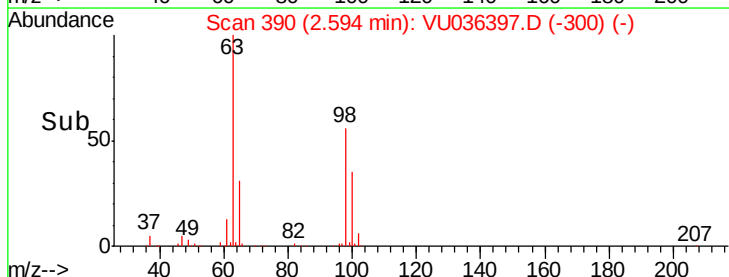
63 11727.8 81.8 152.0#

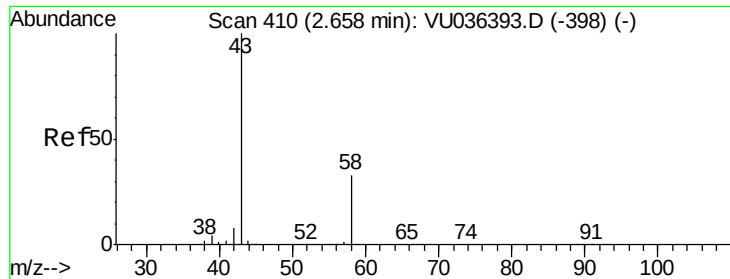


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 6.121 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036397.D

Acq: 07 Jan 2020 16:52

Instrument :

MSVOA_U

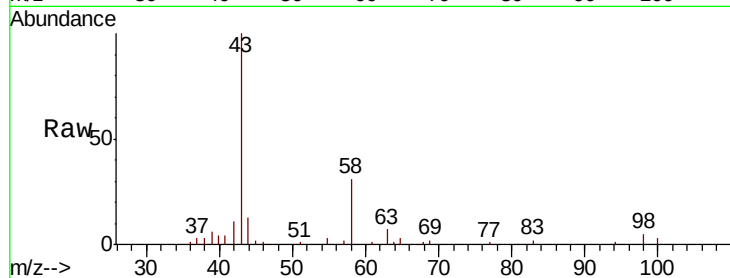
ClientSampleId :

Tot Ion: 43 Resp: 15236

Ion Ratio Lower Upper

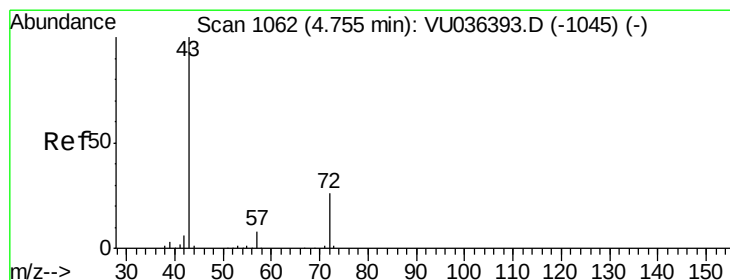
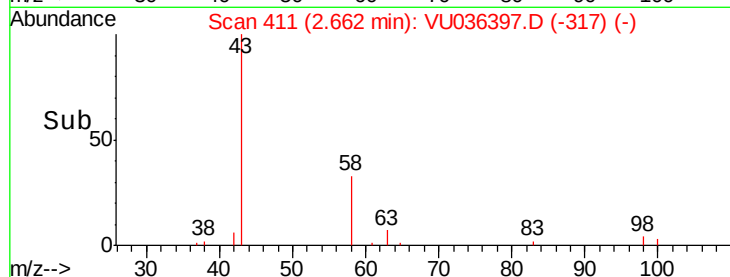
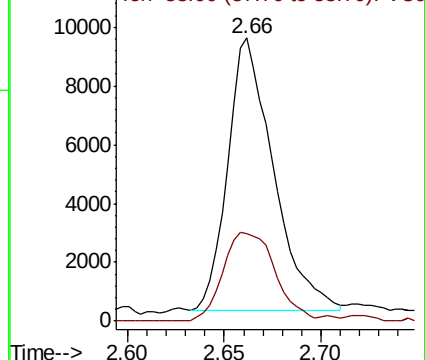
43 100

58 37.0 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU036397.D (-411) (-)

Ion 58.00 (57.70 to 58.70): VU036397.D (-411) (-)



#22

2-Butanone

Concen: 3.201 ug/L

RT: 4.76 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VU036397.D

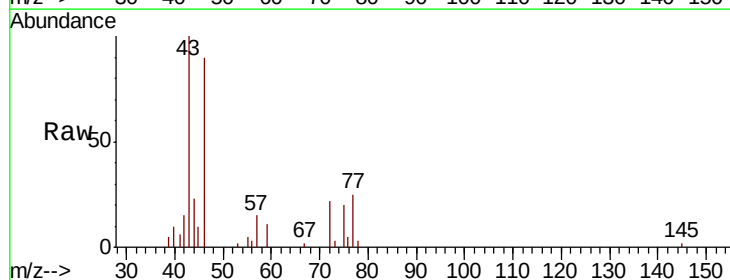
Acq: 07 Jan 2020 16:52

Tgt Ion: 43 Resp: 9412

Ion Ratio Lower Upper

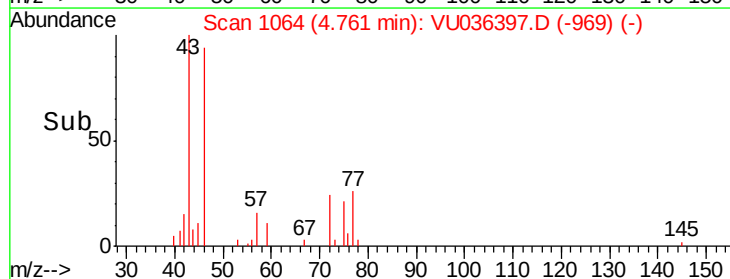
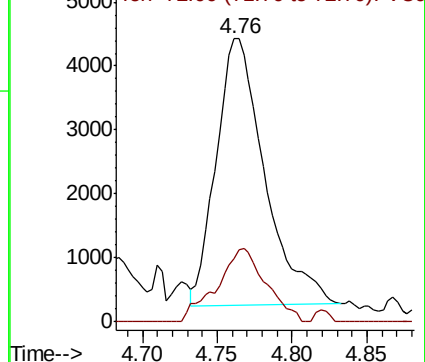
43 100

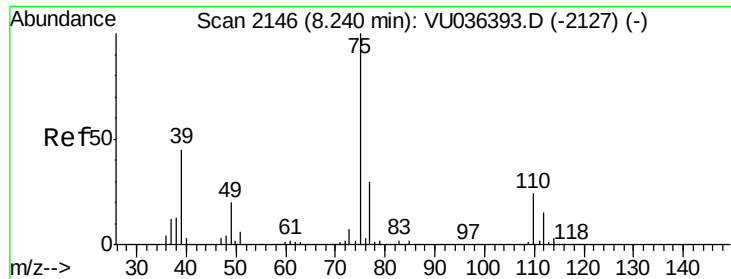
72 22.9 13.4 40.1



Abundance Ion 43.00 (42.70 to 43.70): VU036397.D (-1064) (-)

Ion 72.00 (71.70 to 72.70): VU036397.D (-1064) (-)





#44

trans-1,3-Dichloropropene

Concen: 1.169 ug/L

RT: 8.21 min Scan# 2137

Delta R.T. -0.03 min

Lab File: VU036397.D

Acq: 07 Jan 2020 16:52

Instrument :

MSVOA_U

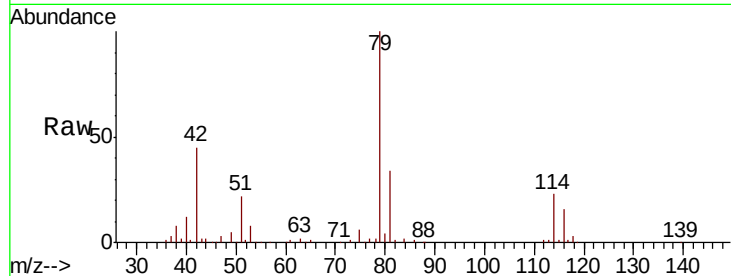
ClientSampleId :

Tot Ion: 75 Resp: 5734

Ion Ratio Lower Upper

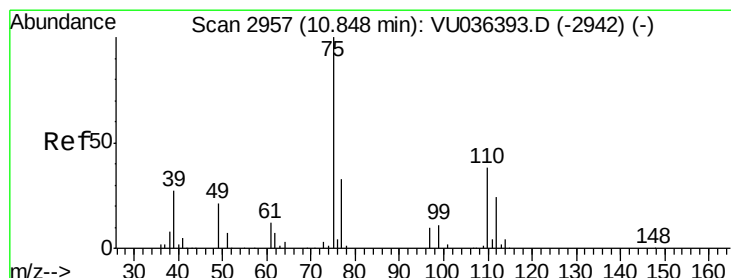
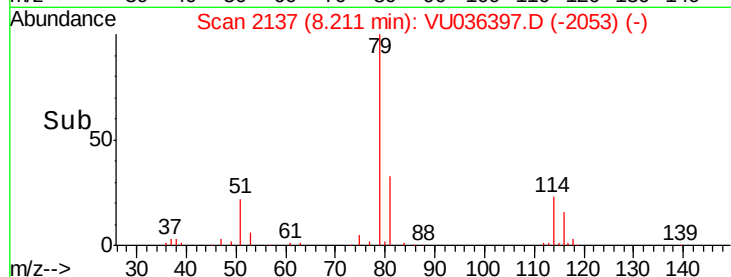
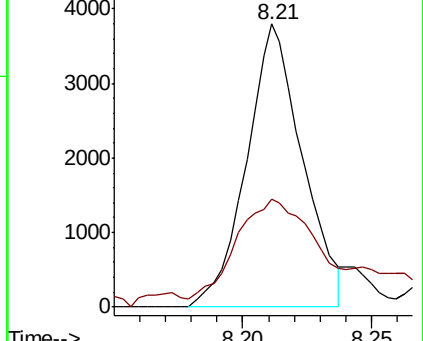
75 100

77 38.0 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 4.881 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036397.D

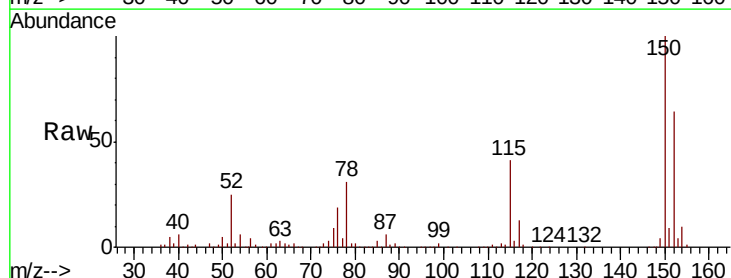
Acq: 07 Jan 2020 16:52

Tgt Ion: 75 Resp: 21541

Ion Ratio Lower Upper

75 100

77 37.8 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

