

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036473.D
 Acq On : 15 Jan 2020 16:21
 Operator : JC/MD
 Sample : L1090-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 05:59:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 05:57:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	471161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	451281	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	163119	50.00	ug/L	0.00

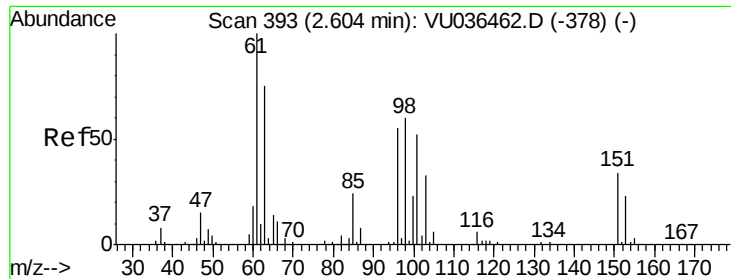
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	170937	55.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.92%
7) Chloroethane-d5	2.20	69	180	0.07	ug/L	0.27
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.14%#
11) 1,1-Dichloroethene-d2	2.59	63	246049	41.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.90%
21) 2-Butanone-d5	4.68	46	282258	107.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.47%
24) Chloroform-d	5.11	84	322540	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.08%
26) 1,2-Dichloroethane-d4	5.75	65	225998	55.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.80%
32) Benzene-d6	5.77	84	634995	53.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.73	67	208759	54.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.78%
41) Toluene-d8	7.93	98	590549	52.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.80%
43) trans-1,3-Dichloropropene-	8.21	79	108151	52.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.60%
47) 2-Hexanone-d5	8.67	63	207532	105.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.51%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	296579	51.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.74%
64) 1,2-Dichlorobenzene-d4	12.22	152	171996	53.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.06%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2531	0.901 ug/L #	23
13) Acetone	2.66	43	8005	2.816 ug/L	91
25) Chloroform	5.13	83	6635	1.079 ug/L #	69
44) trans-1,3-Dichloropropene	8.21	75	5396	1.047 ug/L #	54
59) 1,2,3-Trichloropropane	11.83	75	23400	4.937 ug/L	91

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



#10

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

Concen: 0.901 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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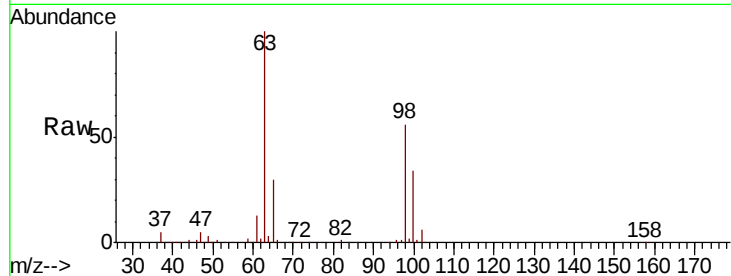
Tot Ion:101 Resp: 2531

Ion Ratio Lower Upper

101 100

85 1.9 36.7 55.1#

151 0.0 53.3 79.9#



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

2000

1500

1000

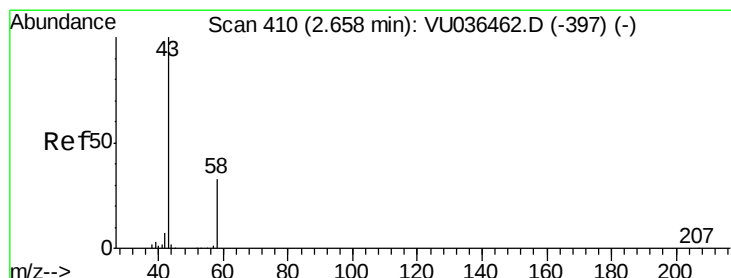
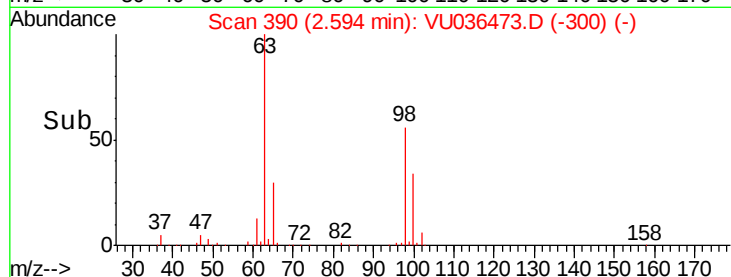
500

0

2.55

2.60

Time-->



#13

Acetone

Concen: 2.816 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

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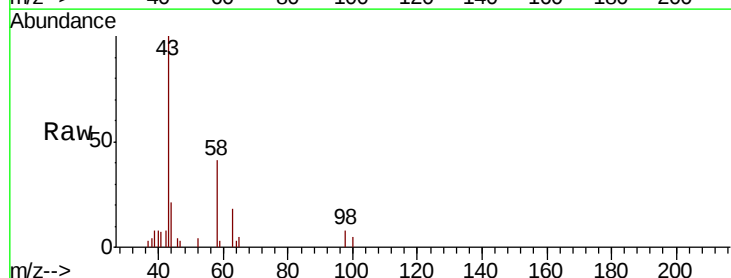
Acq: 15 Jan 2020 16:21

Tgt Ion: 43 Resp: 8005

Ion Ratio Lower Upper

43 100

58 37.7 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

5000

4000

3000

2000

1000

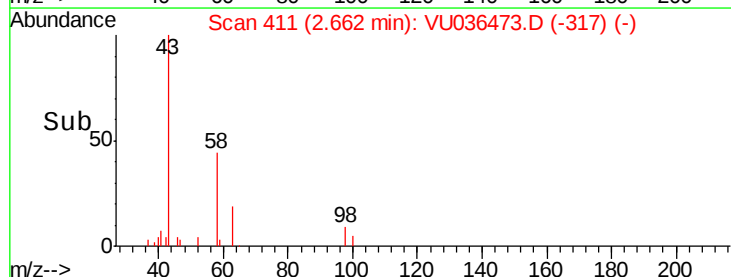
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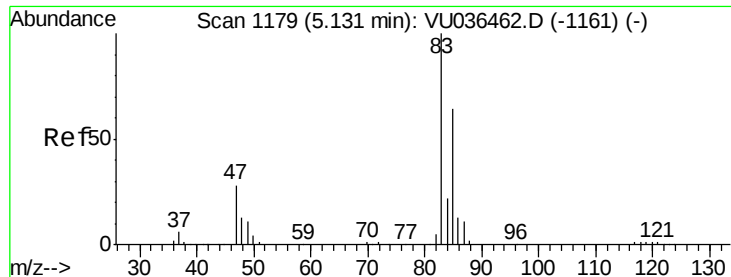
2.60

2.65

2.70

Time-->

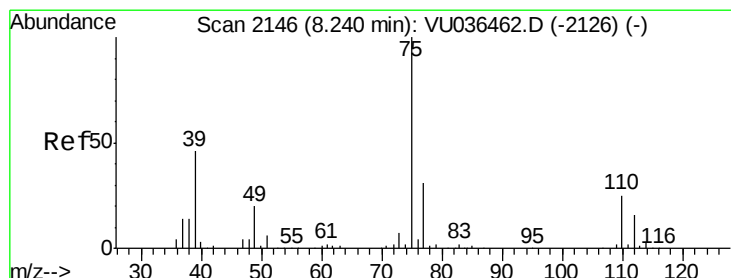
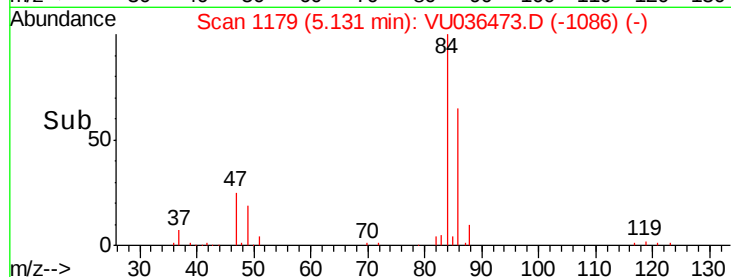
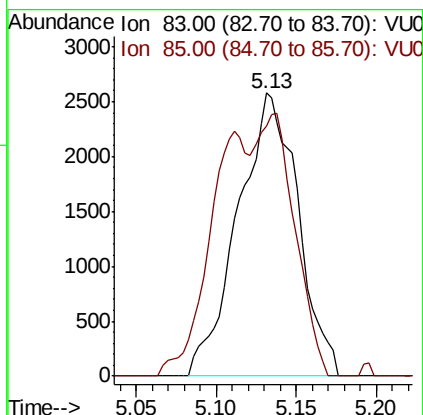
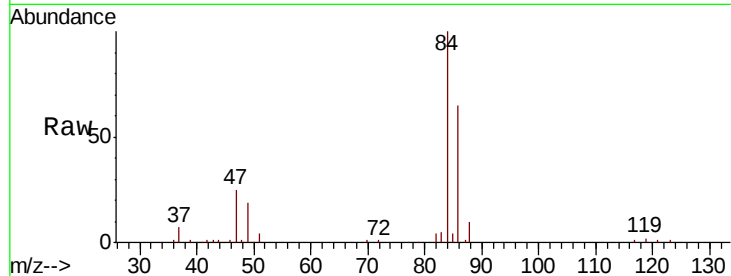




#25
Chloroform
Concen: 1.079 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036473.D
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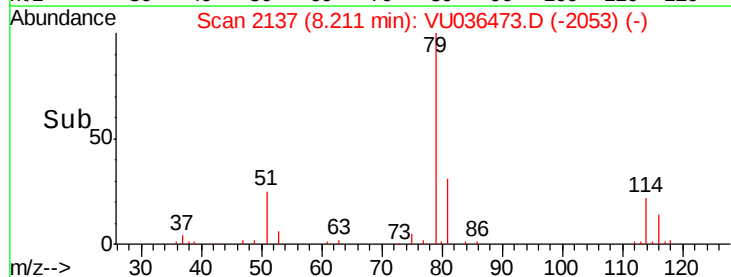
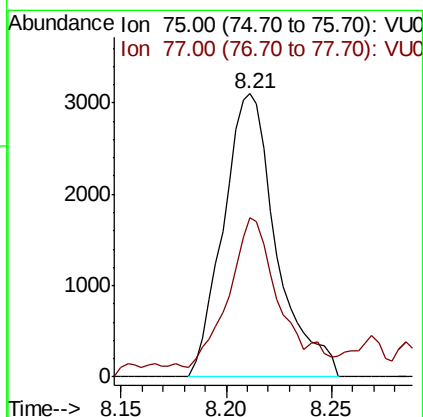
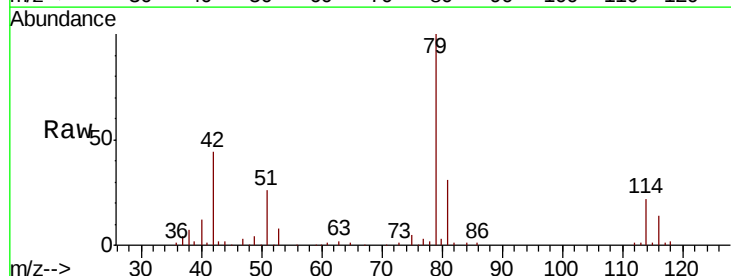
Instrument :
MSVOA_U
ClientSampled :

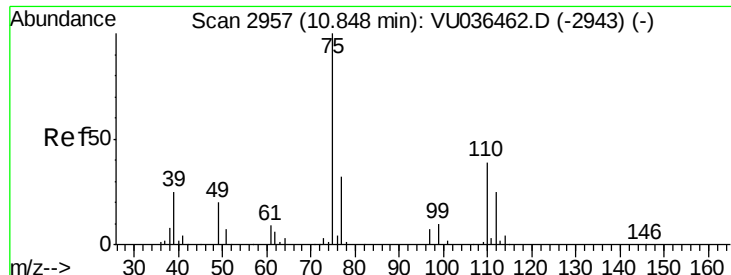
Tot Ion: 83 Resp: 6635
Ion Ratio Lower Upper
83 100
85 88.6 45.1 83.9#



#44
trans-1,3-Dichloropropene
Concen: 1.047 ug/L
RT: 8.21 min Scan# 2137
Delta R.T. -0.03 min
Lab File: VU036473.D
Acq: 15 Jan 2020 16:21

Tgt Ion: 75 Resp: 5396
Ion Ratio Lower Upper
75 100
77 56.3 21.8 40.4#





#59

1,2,3-Trichloropropane

Concen: 4.937 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036473.D

Acq: 15 Jan 2020 16:21

Instrument :

MSVOA_U

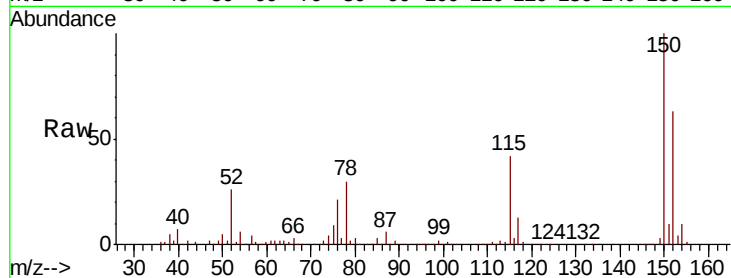
ClientSampleId :

Tot Ion: 75 Resp: 23400

Ion Ratio Lower Upper

75 100

77 36.1 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

