

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037621.D
 Acq On : 09 Apr 2020 16:29
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 03:14:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 03:10:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	542100	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	514559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	249160	50.00	ug/L	0.00

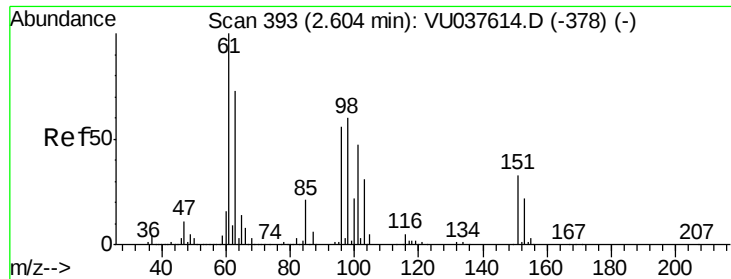
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	230682	48.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.36%
7) Chloroethane-d5	1.93	69	187643	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.59	63	290967	37.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.36%
21) 2-Butanone-d5	4.66	46	378884	98.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.68%
24) Chloroform-d	5.10	84	345801	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
26) 1,2-Dichloroethane-d4	5.74	65	244589	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.10%
32) Benzene-d6	5.76	84	769975	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.72%
36) 1,2-Dichloropropane-d6	6.72	67	255819	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.54%
41) Toluene-d8	7.92	98	699346	49.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.66%
43) trans-1,3-Dichloropropene-	8.20	79	132711	48.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.44%
47) 2-Hexanone-d5	8.65	63	279884	97.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.01%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	346308	48.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.30%
64) 1,2-Dichlorobenzene-d4	12.20	152	260868	50.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.62%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2512	0.735 ug/L #	25
25) Chloroform	5.13	83	8674	1.265 ug/L	98
37) 1,2-Dichloropropane	6.72	63	27414	6.371 ug/L #	87
59) 1,2,3-Trichloropropane	11.82	75	32677	5.590 ug/L	93

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



#10

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

Concen: 0.735 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

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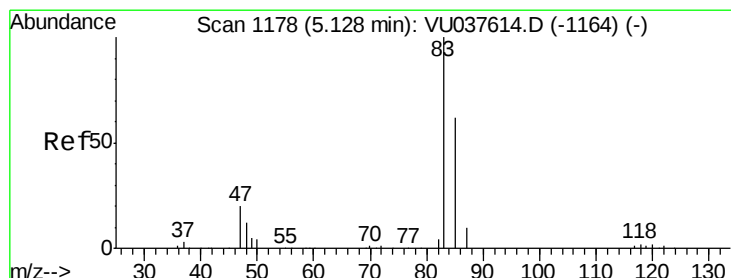
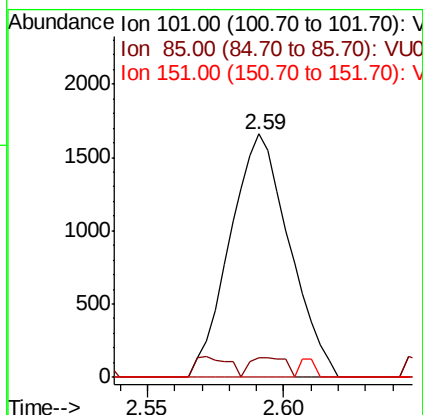
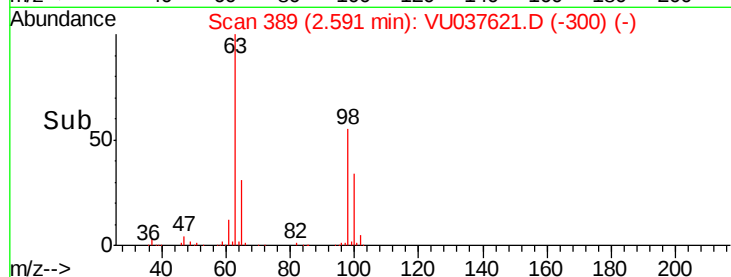
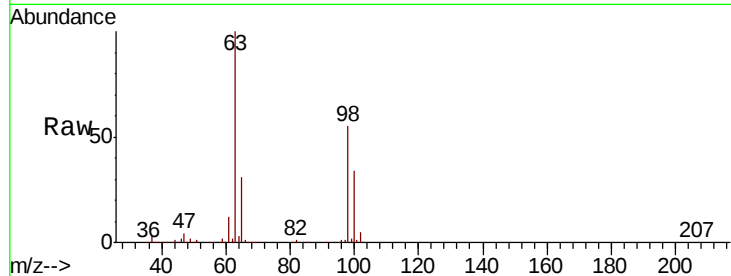
Tot Ion:101 Resp: 2512

Ion Ratio Lower Upper

101 100

85 3.8 34.5 51.7#

151 2.0 56.8 85.2#



#25

Chloroform

Concen: 1.265 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037621.D

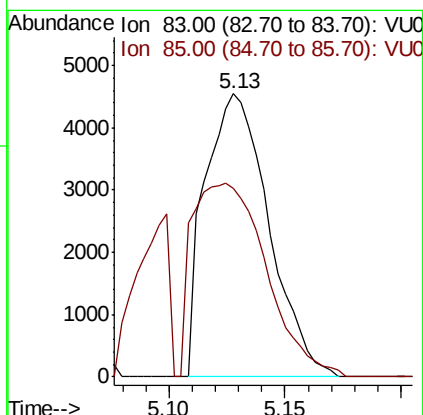
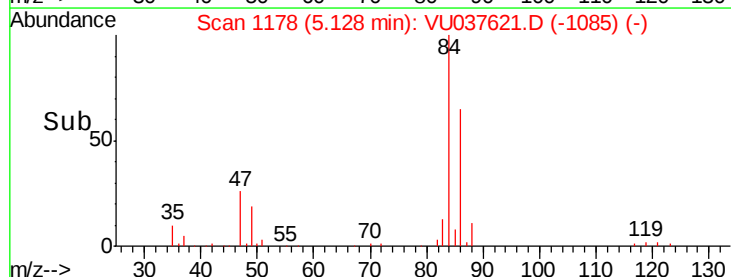
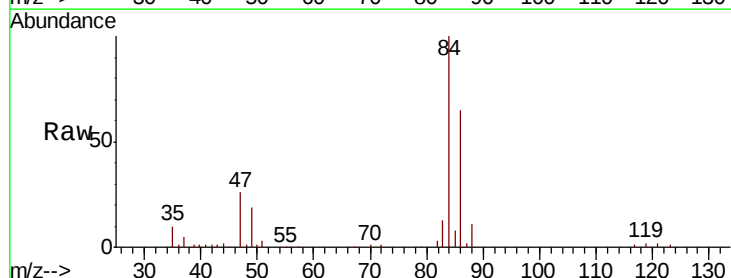
Acq: 09 Apr 2020 16:29

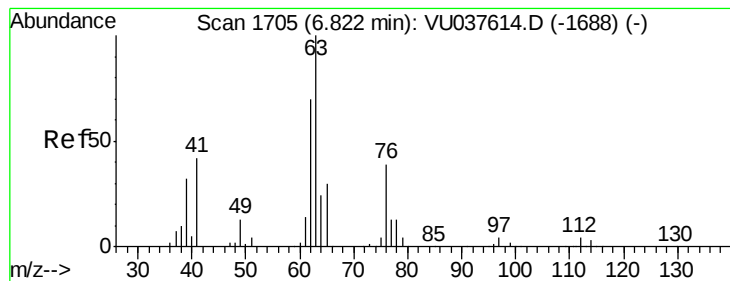
Tgt Ion: 83 Resp: 8674

Ion Ratio Lower Upper

83 100

85 66.8 45.5 84.5





#37

1,2-Dichloropropane

Concen: 6.371 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037621.D

Acq: 09 Apr 2020 16:29

Instrument :

MSVOA_U

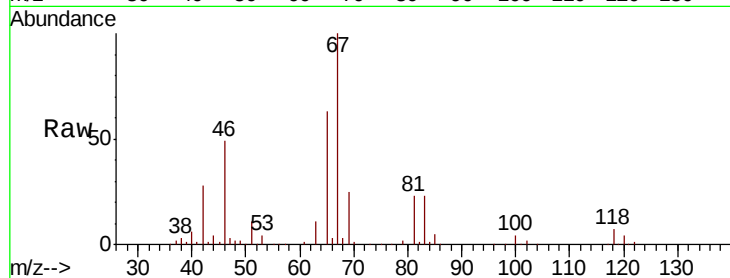
ClientSampleId :

Tot Ion: 63 Resp: 27414

Ion Ratio Lower Upper

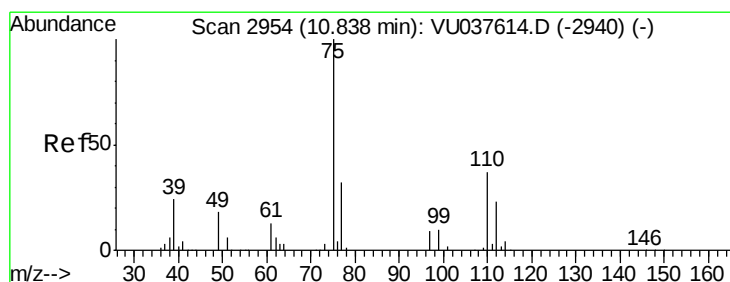
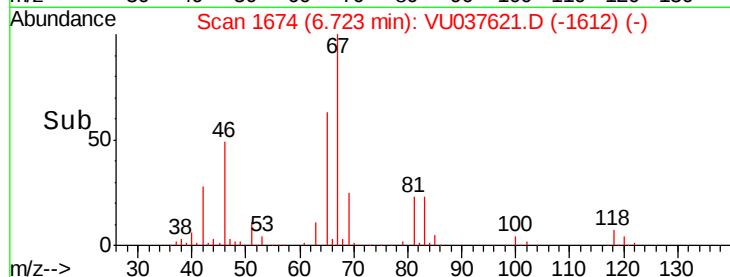
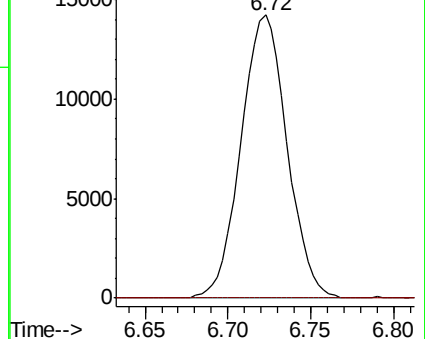
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VU037614.D (-1688) (-)

Ion 112.00 (111.70 to 112.70): VU037614.D (-1688) (-)



#59

1,2,3-Trichloropropane

Concen: 5.590 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037621.D

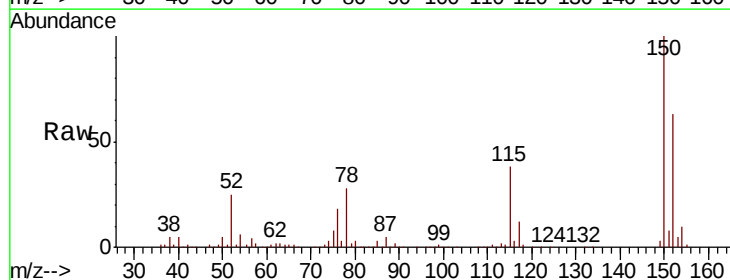
Acq: 09 Apr 2020 16:29

Tgt Ion: 75 Resp: 32677

Ion Ratio Lower Upper

75 100

77 35.9 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU037614.D (-2940) (-)

Ion 77.00 (76.70 to 77.70): VU037614.D (-2940) (-)

