

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037620.D
 Acq On : 09 Apr 2020 16:07
 Operator : JC/MD
 Sample : L2189-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 03:14:25 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	589833	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	552634	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	269359	50.00	ug/L	0.00

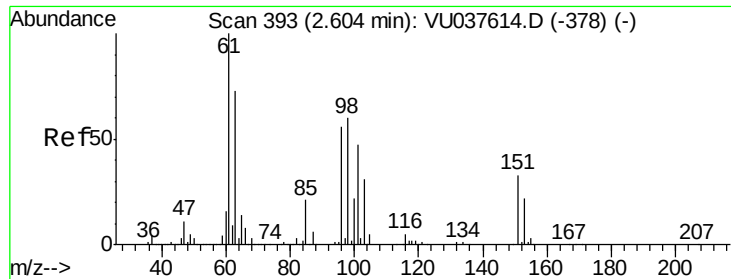
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	215118	41.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.44%
7) Chloroethane-d5	1.93	69	184414	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.52%
11) 1,1-Dichloroethene-d2	2.59	63	281102	33.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.90%
21) 2-Butanone-d5	4.66	46	392857	94.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.04%
24) Chloroform-d	5.10	84	354707	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.56%
26) 1,2-Dichloroethane-d4	5.74	65	244771	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
32) Benzene-d6	5.76	84	772615	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
36) 1,2-Dichloropropane-d6	6.72	67	260051	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.10%
41) Toluene-d8	7.92	98	698844	46.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.72%
43) trans-1,3-Dichloropropene-	8.20	79	135125	46.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.38%
47) 2-Hexanone-d5	8.65	63	280996	90.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.69%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	350864	45.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	258249	46.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.14%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2655	0.714 ug/L #	24
39) cis-1,3-Dichloropropene	7.59	75	7813	1.033 ug/L #	65
48) 2-Hexanone	8.65	43	32906	5.078 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	34598	5.511 ug/L	93

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



#10

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

Concen: 0.714 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

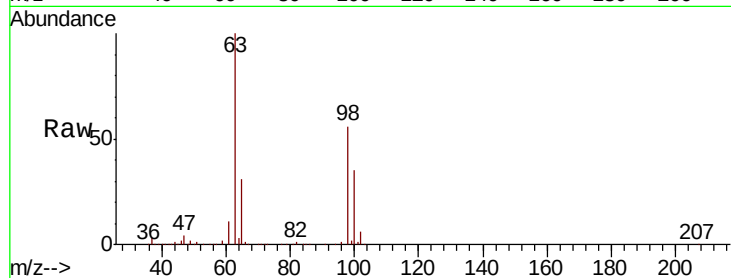
Tot Ion:101 Resp: 2655

Ion Ratio Lower Upper

101 100

85 4.4 34.5 51.7#

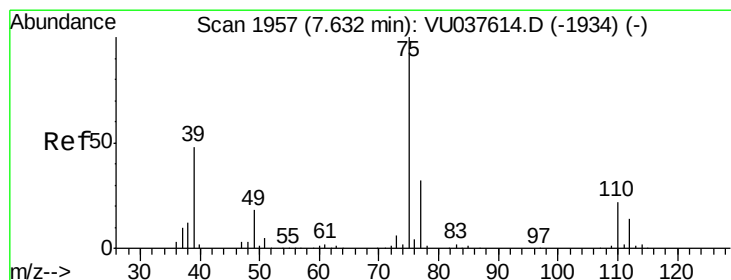
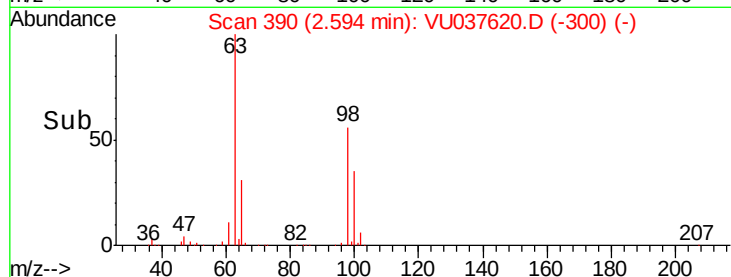
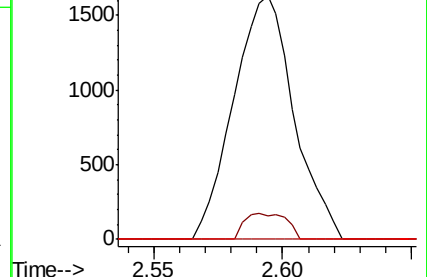
151 0.0 56.8 85.2#



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



#39

cis-1,3-Dichloropropene

Concen: 1.033 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037620.D

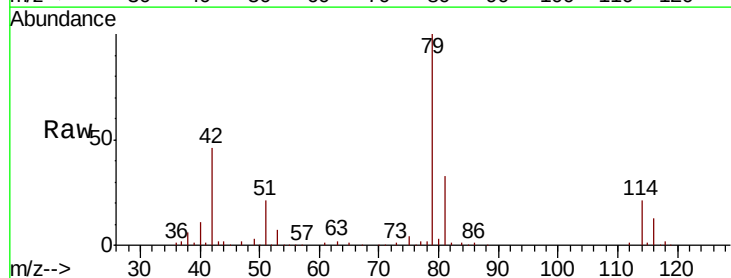
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Tgt Ion: 75 Resp: 7813

Ion Ratio Lower Upper

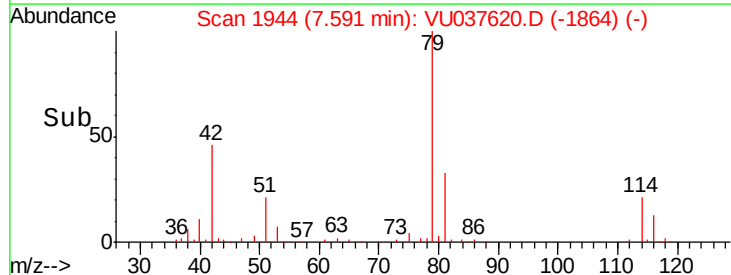
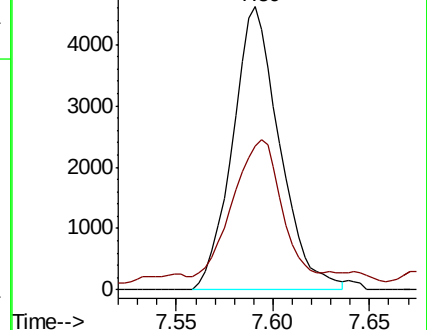
75 100

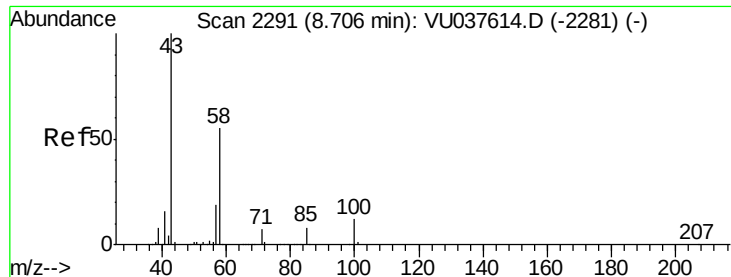
77 50.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

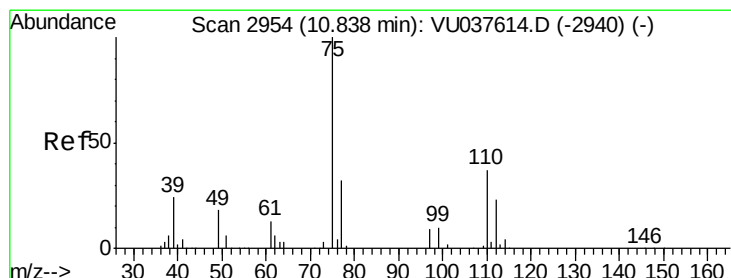
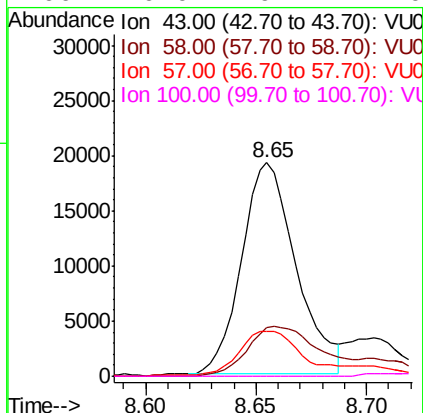
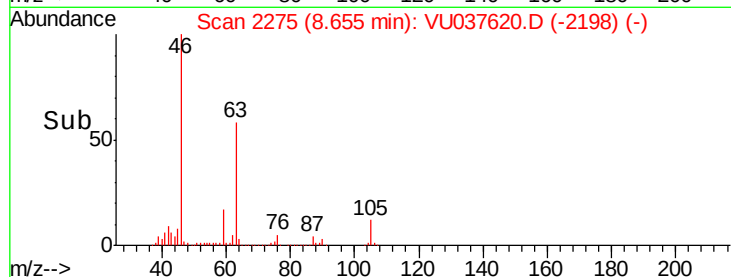
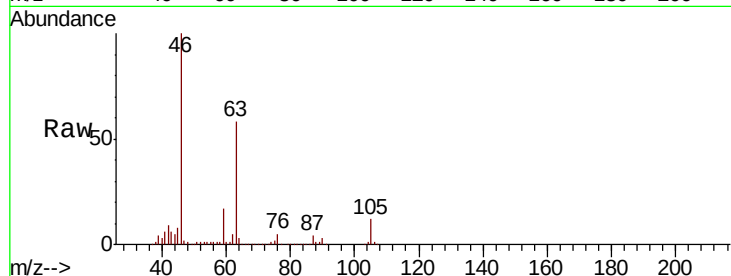




#48
 2-Hexanone
 Concen: 5.078 ug/L
 RT: 8.65 min Scan# 2275
 Delta R.T. -0.05 min
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Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	43	Resp	32906
Ion Ratio	Lower	Upper	
43	100		
58	30.9	44.0	66.0#
57	23.2	15.2	22.8#
100	0.0	9.4	14.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.511 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
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Tgt Ion	75	Resp	34598
Ion Ratio	Lower	Upper	
75	100		
77	35.8	25.6	38.4

