

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037951.D
 Acq On : 30 Apr 2020 15:02
 Operator : JC/MD
 Sample : L2395-01 800X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D86

Quant Time: May 01 03:49:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 02:16:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	743231	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	725472	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	328551	50.00	ug/L	0.00

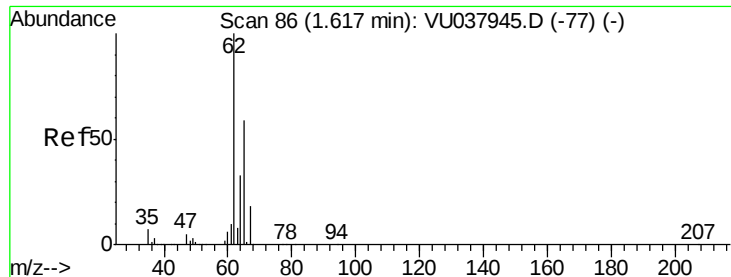
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	314359	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.18%
7) Chloroethane-d5	1.93	69	258270	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.14%
11) 1,1-Dichloroethene-d2	2.59	63	388817	36.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.72%
21) 2-Butanone-d5	4.66	46	459314	89.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.89%
24) Chloroform-d	5.10	84	451572	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
26) 1,2-Dichloroethane-d4	5.74	65	332067	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
32) Benzene-d6	5.76	84	1036432	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
36) 1,2-Dichloropropane-d6	6.72	67	341947	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.46%
41) Toluene-d8	7.92	98	937897	47.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.62%
43) trans-1,3-Dichloropropene-	8.20	79	157250	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.60%
47) 2-Hexanone-d5	8.65	63	313209	101.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	461772	45.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	323978	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	40727	5.469 ug/L	86
12) 1,1-Dichloroethene	2.60	96	12839	2.638 ug/L	# 1
20) cis-1,2-Dichloroethene	4.71	96	169157	29.109 ug/L	99
25) Chloroform	5.13	83	27569	2.743 ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	9791	1.424 ug/L	100

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



#5

Vinyl chloride

Concen: 5.469 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

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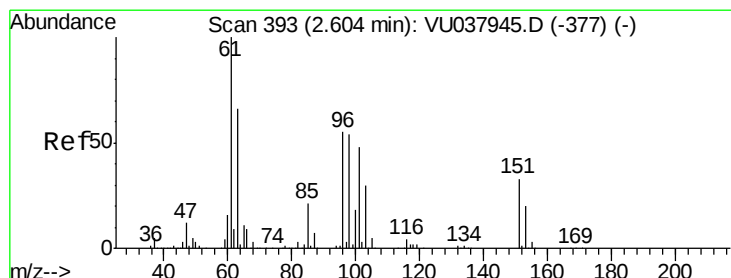
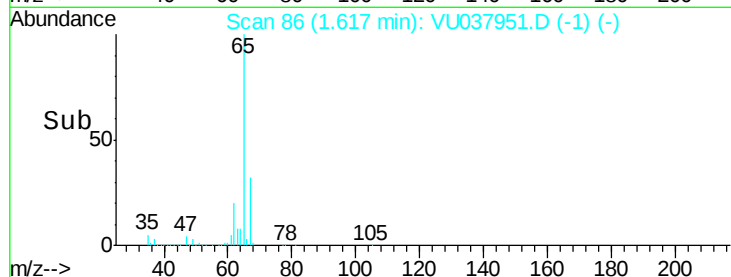
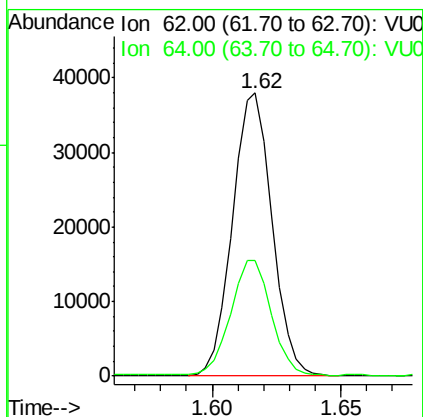
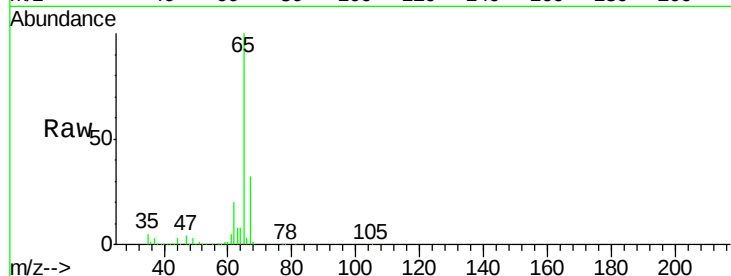
C0D86

Tot Ion: 62 Resp: 40727

Ion Ratio Lower Upper

62 100

64 41.1 23.2 43.2



#12

1,1-Dichloroethene

Concen: 2.638 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU037951.D

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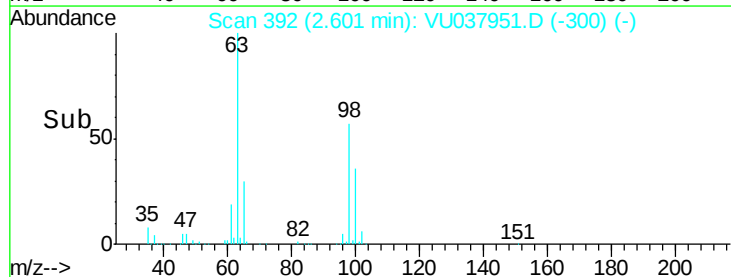
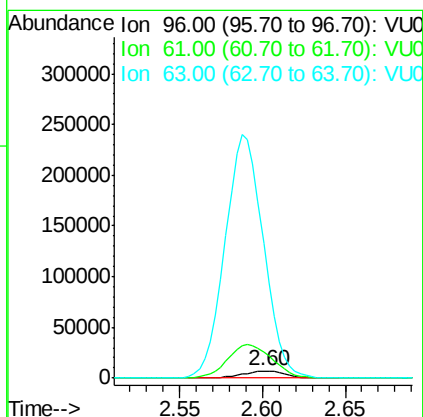
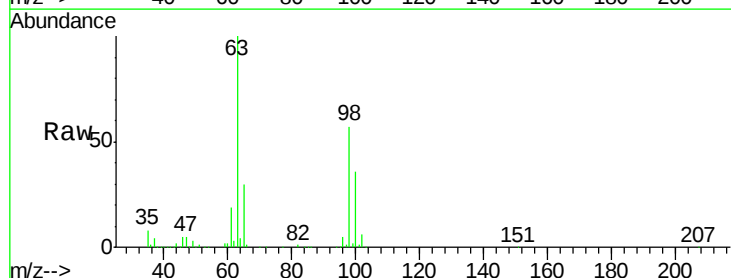
Tgt Ion: 96 Resp: 12839

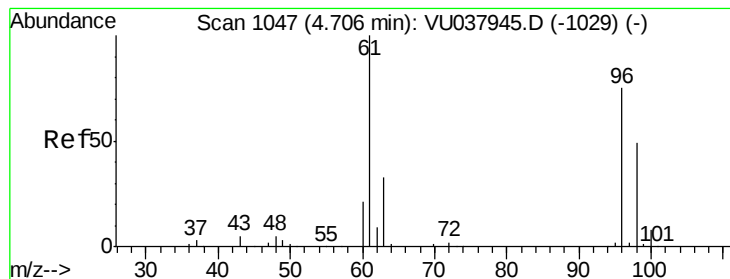
Ion Ratio Lower Upper

96 100

61 358.1 126.1 234.3#

63 1845.4 83.4 154.8#





#20

cis-1,2-Dichloroethene

Concen: 29.109 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037951.D

Acq: 30 Apr 2020 15:02

Instrument :

MSVOA_U

ClientSampleId :

C0D86

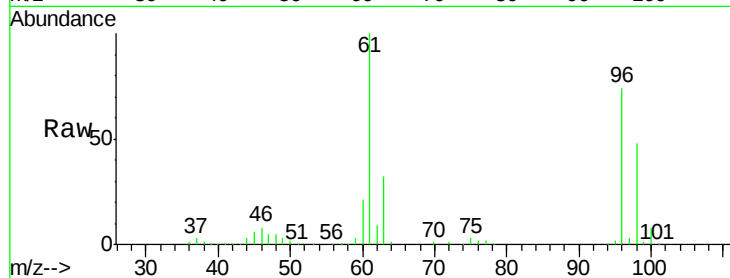
Tot Ion: 96 Resp: 169157

Ion Ratio Lower Upper

96 100

61 135.2 93.9 174.3

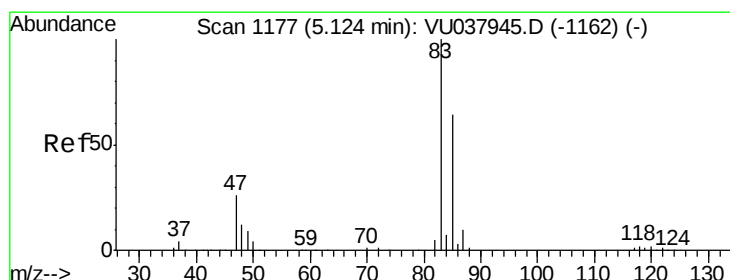
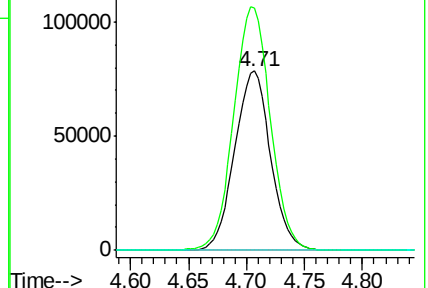
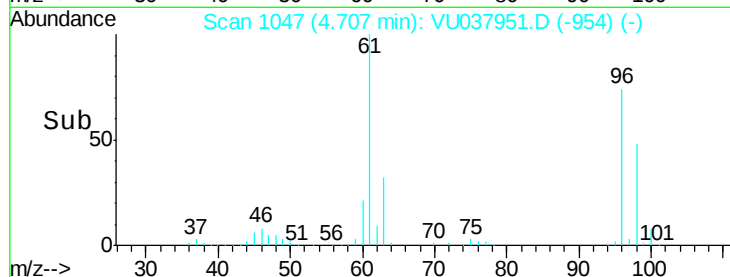
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037945.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU037945.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU037945.D (-1029) (-)



#25

Chloroform

Concen: 2.743 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037951.D

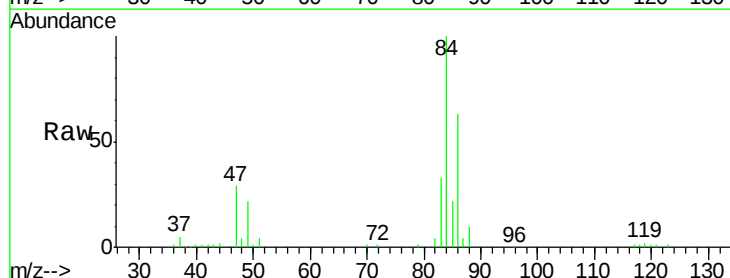
Acq: 30 Apr 2020 15:02

Tgt Ion: 83 Resp: 27569

Ion Ratio Lower Upper

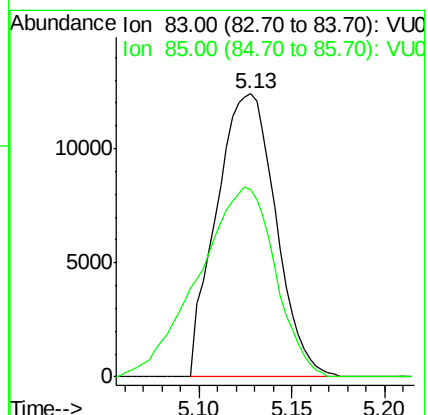
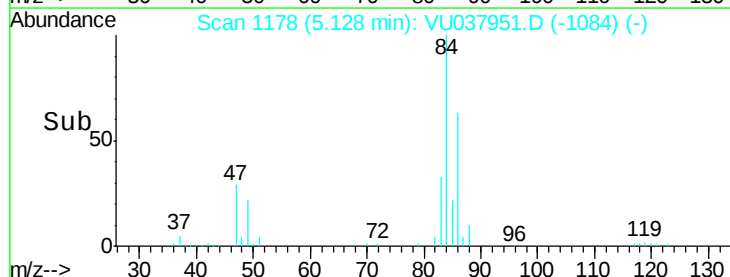
83 100

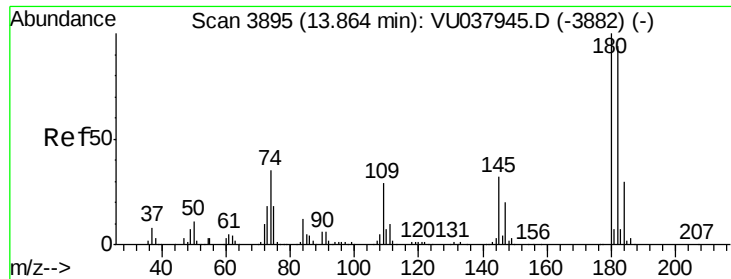
85 66.0 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU037945.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU037945.D (-1162) (-)

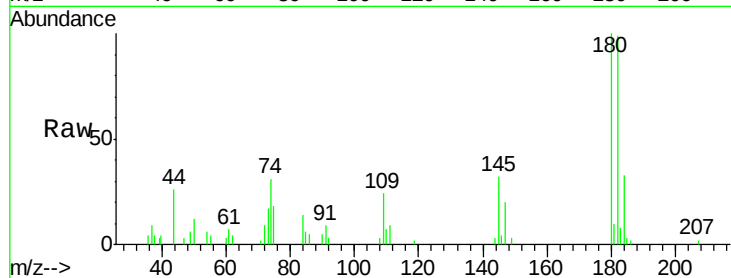




#68
 1,2,4-trichlorobenzene
 Concen: 1.424 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU037951.D
 Acq: 30 Apr 2020 15:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D86

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.4	113.0
145	31.4	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

