

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
 Data File : VU037022.D
 Acq On : 03 Mar 2020 14:38
 Operator : JC/MD
 Sample : L1729-19DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 04 06:55:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 04 06:53:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	268303	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	254407	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87316	50.00	ug/L	0.00

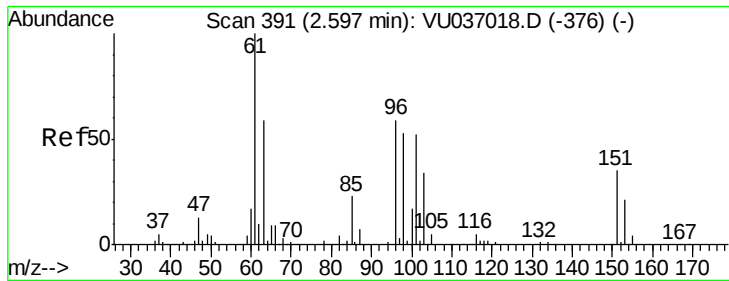
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	103173	45.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.58%
7) Chloroethane-d5	1.93	69	97615	52.36	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.72%
11) 1,1-Dichloroethene-d2	2.59	63	134198	35.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.14%
21) 2-Butanone-d5	4.67	46	155901	103.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.15%
24) Chloroform-d	5.11	84	174716	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	5.74	65	120328	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
32) Benzene-d6	5.76	84	377318	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.58%
36) 1,2-Dichloropropane-d6	6.72	67	122930	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.16%
41) Toluene-d8	7.92	98	333495	48.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.72%
43) trans-1,3-Dichloropropene-	8.20	79	49675	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.70%
47) 2-Hexanone-d5	8.66	63	103486	88.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	167331	49.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.58%
64) 1,2-Dichlorobenzene-d4	12.21	152	92838	54.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.78%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1451	0.847 ug/L #	29
30) 1,1,1-Trichloroethane	5.35	97	6901	2.530 ug/L	96
34) Trichloroethene	6.57	95	94877	48.030 ug/L	98
37) 1,2-Dichloropropane	6.72	63	13445	6.213 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3196	0.959 ug/L #	55
59) 1,2,3-Trichloropropane	11.83	75	13087	4.701 ug/L	96

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



#10

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

Concen: 0.847 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU037022.D

Acq: 03 Mar 2020 14:38

Instrument :

MSVOA_U

ClientSampled :

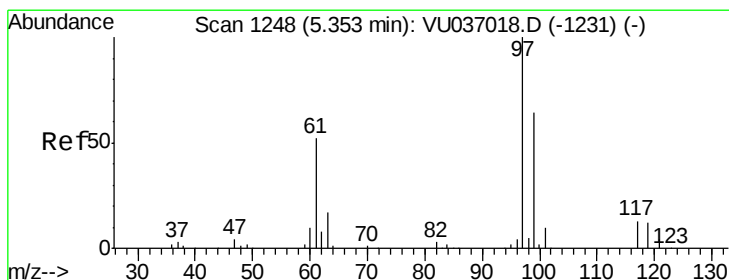
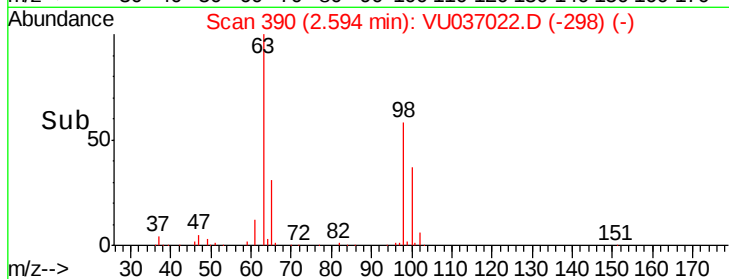
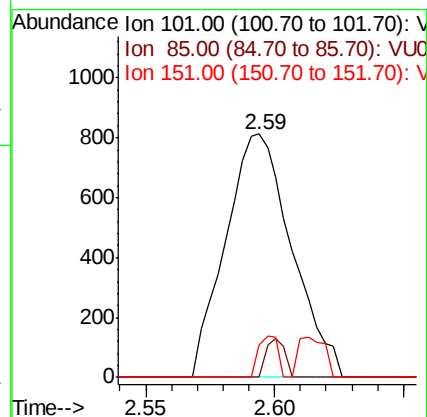
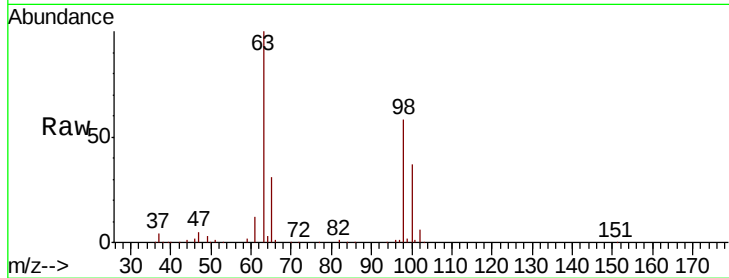
Tot Ion:101 Resp: 1451

Ion Ratio Lower Upper

101 100

85 4.5 36.4 54.6#

151 5.1 52.4 78.6#



#30

1,1,1-Trichloroethane

Concen: 2.530 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VU037022.D

Acq: 03 Mar 2020 14:38

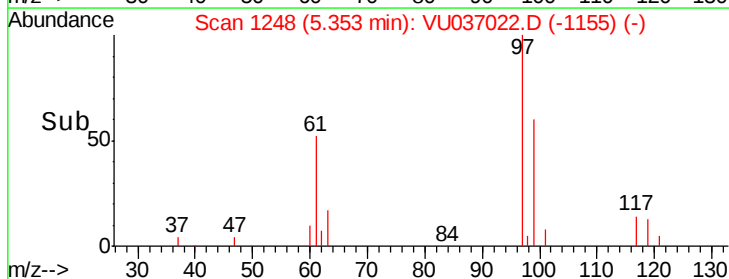
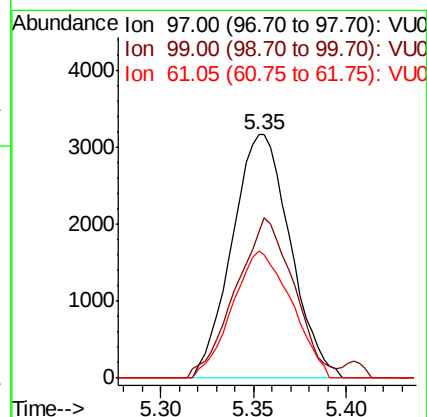
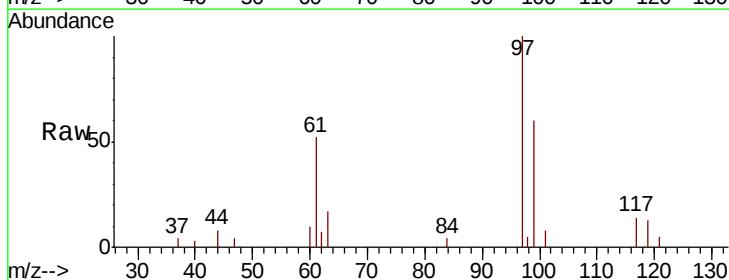
Tgt Ion: 97 Resp: 6901

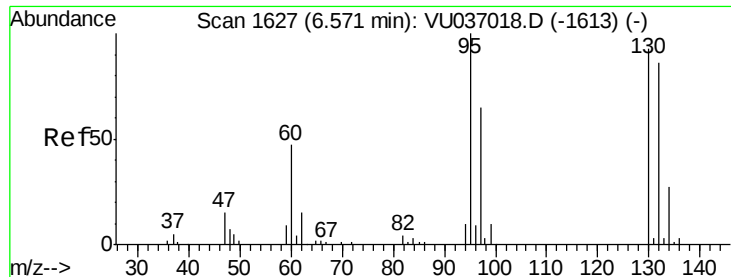
Ion Ratio Lower Upper

97 100

99 65.7 50.4 75.6

61 53.1 40.3 60.5

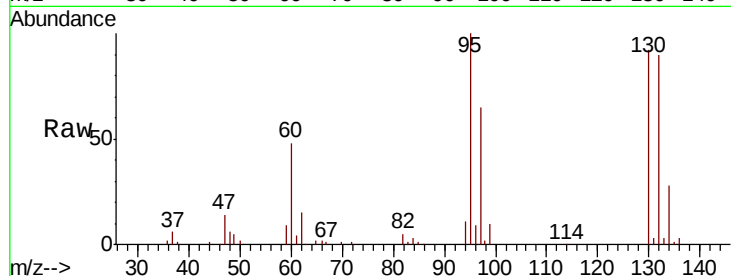




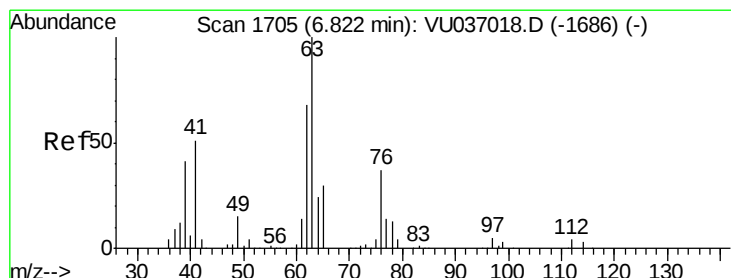
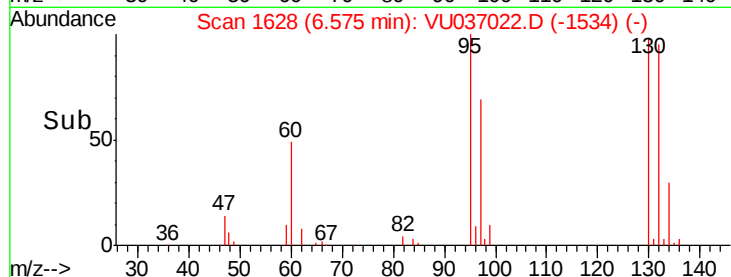
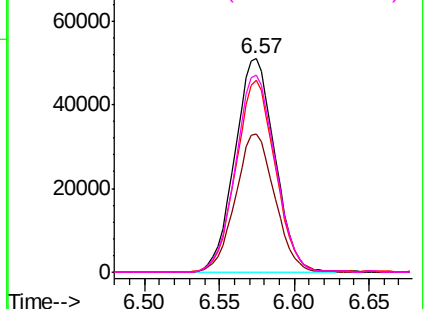
#34
 Trichloroethene
 Concen: 48.030 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037022.D
 Acq: 03 Mar 2020 14:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 94877
 Ion Ratio Lower Upper
 95 100
 97 64.8 44.1 81.9
 132 90.0 60.6 112.6
 130 92.2 64.9 120.5

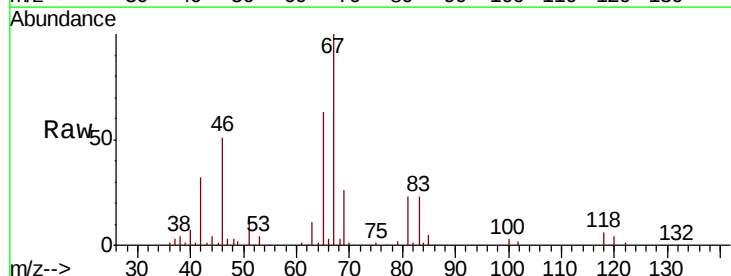


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

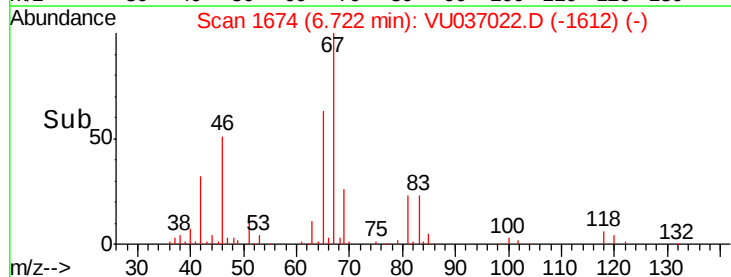
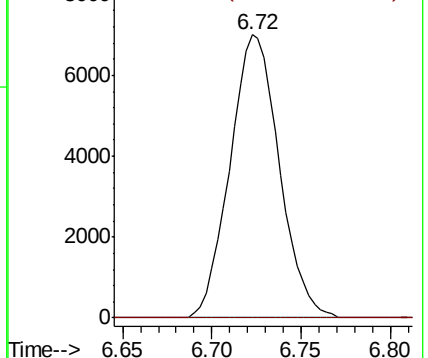


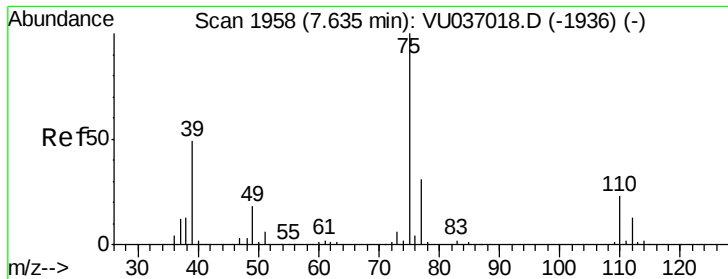
#37
 1,2-Dichloropropane
 Concen: 6.213 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037022.D
 Acq: 03 Mar 2020 14:38

Tgt Ion: 63 Resp: 13445
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V

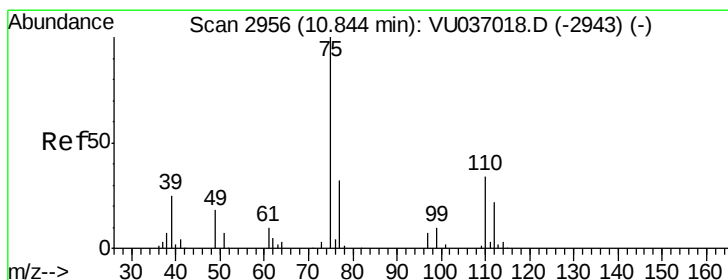
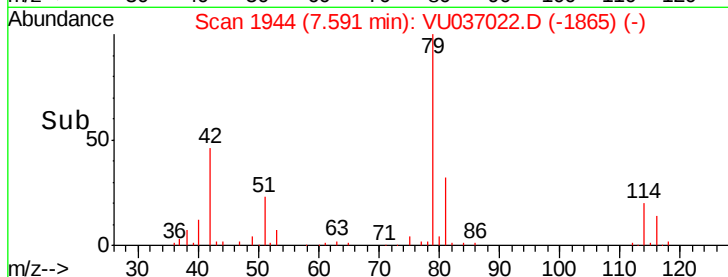
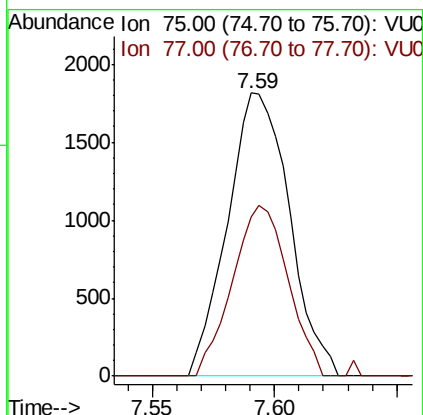
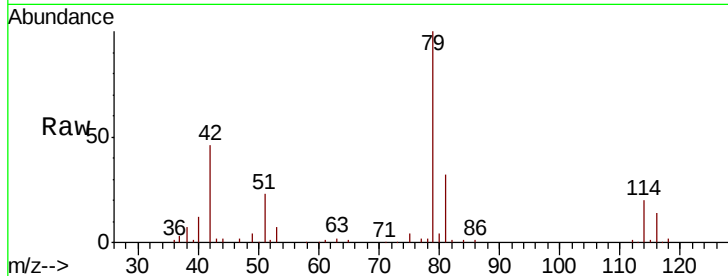




#39
 cis-1,3-Dichloropropene
 Concen: 0.959 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037022.D
 Acq: 03 Mar 2020 14:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 3196
 Ion Ratio Lower Upper
 75 100
 77 56.4 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 4.701 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037022.D
 Acq: 03 Mar 2020 14:38

Tgt Ion: 75 Resp: 13087
 Ion Ratio Lower Upper
 75 100
 77 34.8 26.2 39.2

