

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061920\
 Data File : VU038999.D
 Acq On : 20 Jun 2020 00:52
 Operator : SY/MD
 Sample : L3061-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ0

Quant Time: Jun 20 05:46:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 20 05:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/L	-6.28
28) Chlorobenzene-d5	9.46	117	525	5.00	ug/L	0.02
60) 1,4-Dichlorobenzene-d4	11.85	152	480	5.00	ug/L	0.03

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	0.00	69	0	0.00	ug/L	
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.00%#
11) 1,1-Dichloroethene-d2	0.00	63	0	0.00	ug/L	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.00%#
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.00%#
24) Chloroform-d	0.00	84	0	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
32) Benzene-d6	0.00	84	0	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.00%#
36) 1,2-Dichloropropane-d6	0.00	67	0	0.00	ug/L	
Spiked Amount	5.000	Range	60 - 140	Recovery	=	0.00%#
41) Toluene-d8	7.96	98	277	1.76	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	35.20%#
43) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.00%#
46) 2-Hexanone-d5	8.66	63	358	33.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.04%
57) 1,1,2,2-Tetrachloroethane-	10.80	84	1477	32.15	ug/L	0.03
Spiked Amount	5.000	Range	65 - 120	Recovery	=	643.00%#
64) 1,2-Dichlorobenzene-d4	12.21	152	1083	11.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	224.00%#

Target Compounds

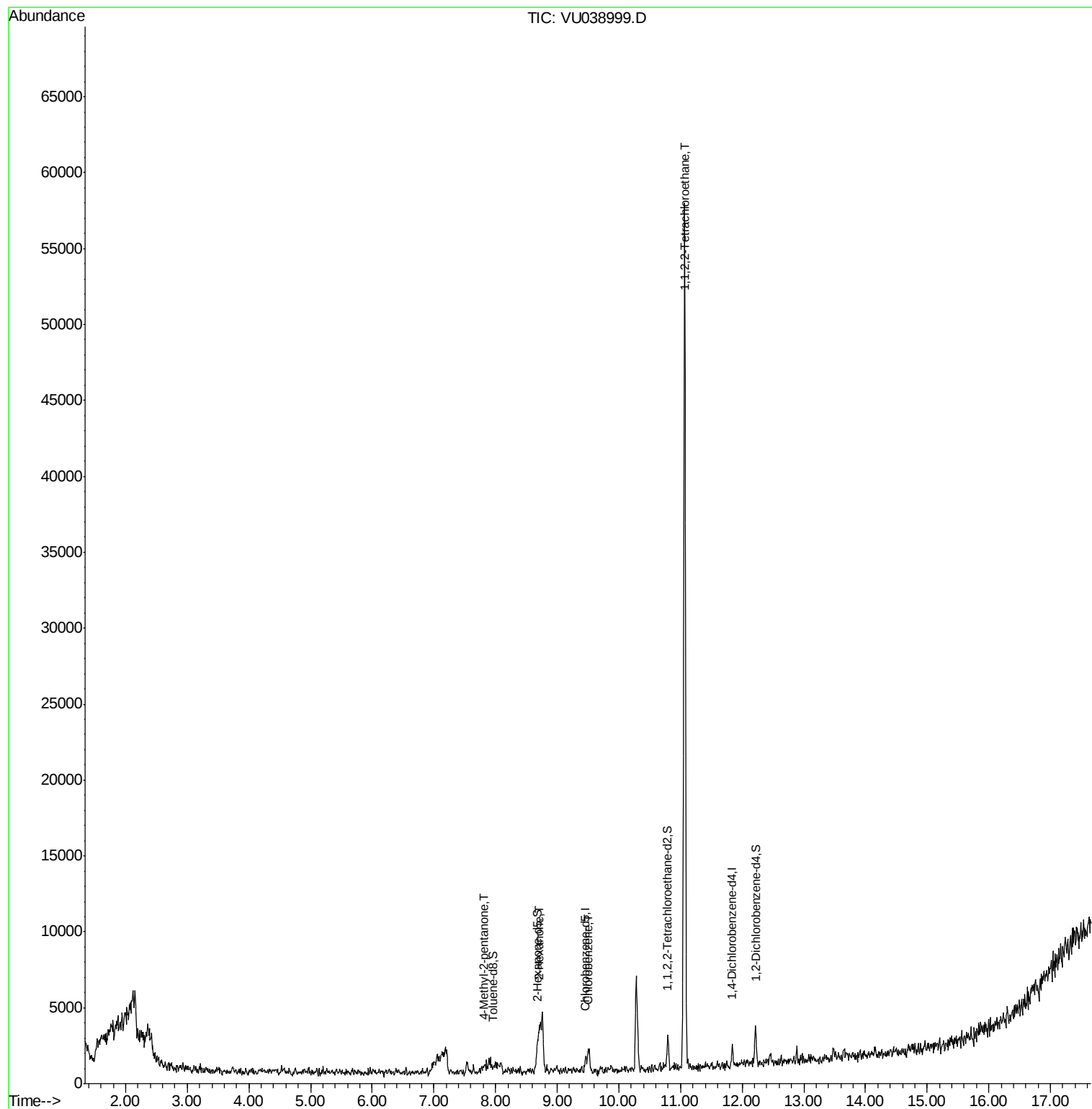
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
40) 4-Methyl-2-pentanone	7.81	43	157	4.011	ug/L #	46
48) 2-Hexanone	8.71	43	248	9.456	ug/L #	38
51) Chlorobenzene	9.51	112	44	0.395	ug/L #	28
58) 1,1,2,2-Tetrachloroethane	11.07	83	900	20.101	ug/L #	28

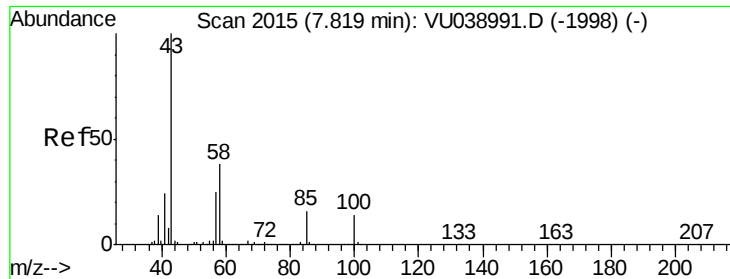
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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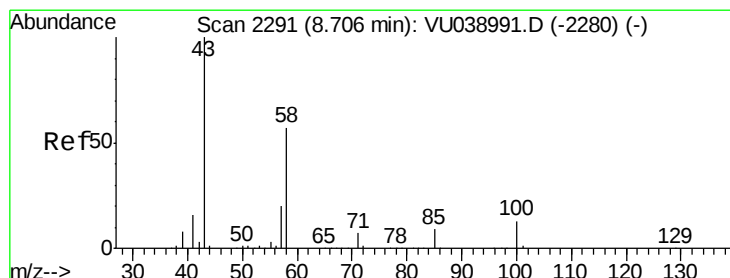
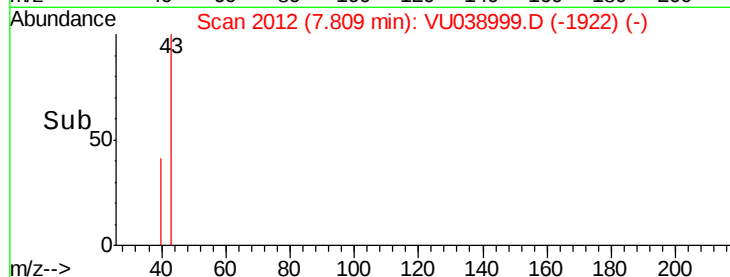
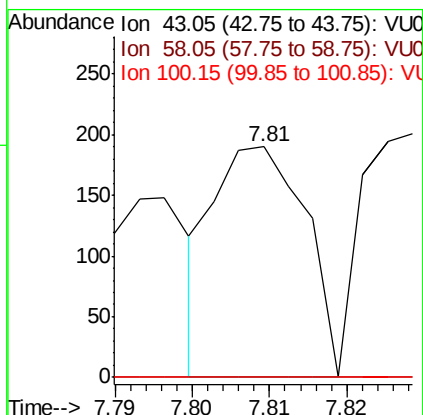
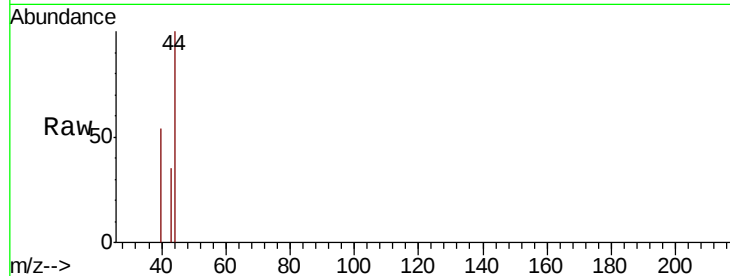




#40
4-Methyl-2-pentanone
Concen: 4.011 ug/L
RT: 7.81 min Scan# 2012
Delta R.T. -0.01 min
Lab File: VU038999.D
Acq: 20 Jun 2020 00:52

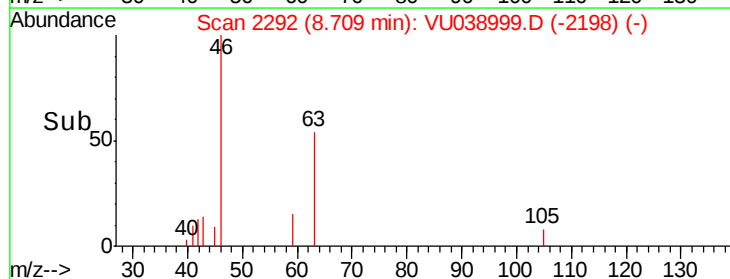
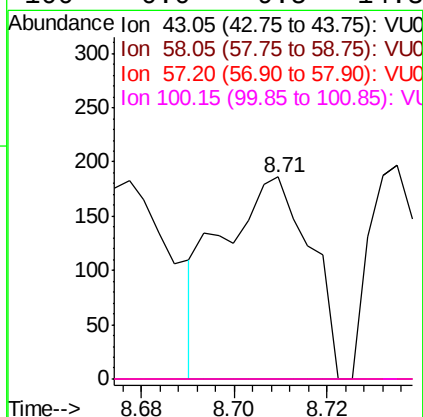
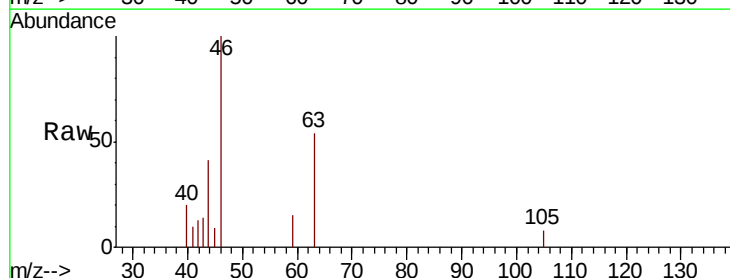
Instrument :
MSVOA_U
ClientSampled :
BFXJ0

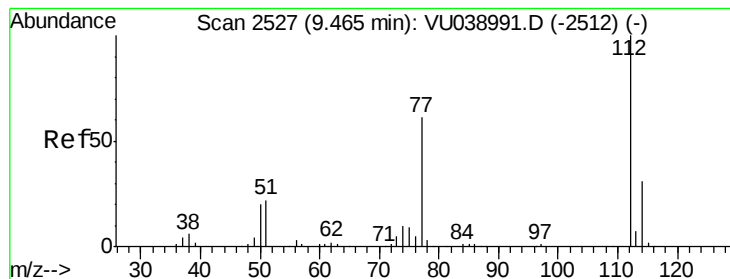
Tot Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#
100 0.0 11.0 16.4#



#48
2-Hexanone
Concen: 9.456 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038999.D
Acq: 20 Jun 2020 00:52

Tgt Ion: 43 Resp: 248
Ion Ratio Lower Upper
43 100
58 0.0 43.2 64.8#
57 0.0 15.2 22.8#
100 0.0 9.5 14.3#





#51

Chlorobenzene

Concen: 0.395 ug/L

RT: 9.51 min Scan# 2540

Delta R.T. 0.04 min

Lab File: VU038999.D

Acq: 20 Jun 2020 00:52

Instrument :

MSVOA_U

ClientSampleId :

BFXJ0

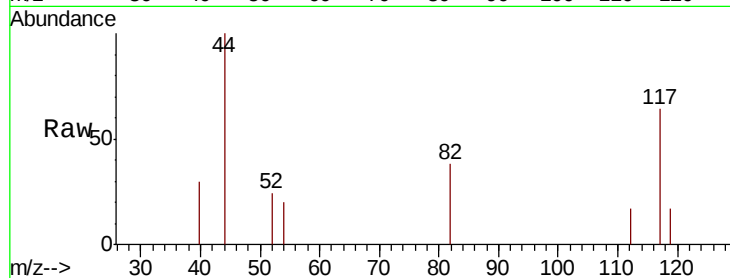
Tot Ion:112 Resp: 44

Ion Ratio Lower Upper

112 100

114 0.0 22.0 41.0#

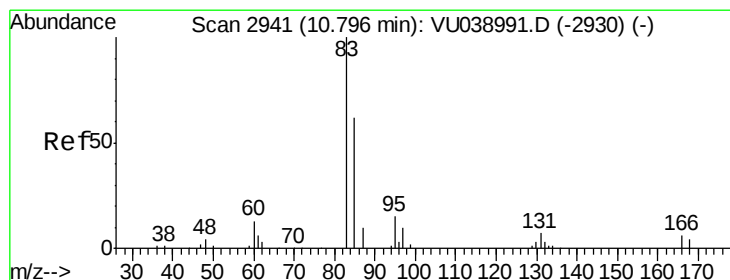
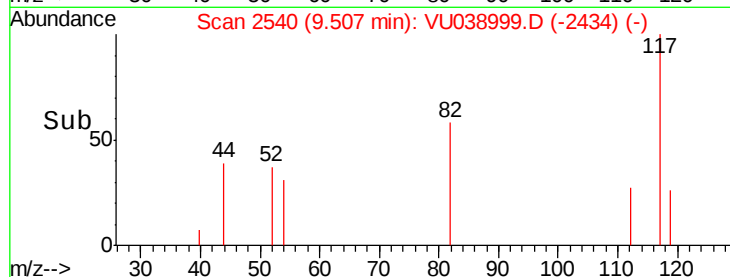
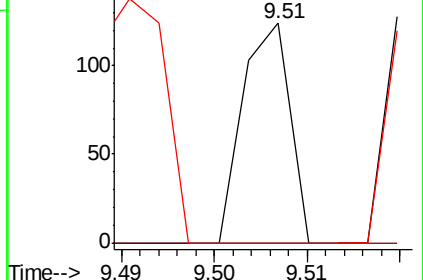
77 0.0 49.0 73.4#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 20.101 ug/L

RT: 11.07 min Scan# 3027

Delta R.T. 0.28 min

Lab File: VU038999.D

Acq: 20 Jun 2020 00:52

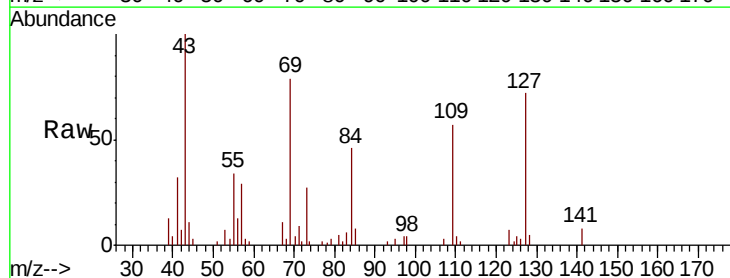
Tgt Ion: 83 Resp: 900

Ion Ratio Lower Upper

83 100

85 126.7 45.6 84.6#

131 0.0 7.0 10.6#



Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V

