

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
 Data File : VU037748.D
 Acq On : 16 Apr 2020 12:32
 Operator : JC/MD
 Sample : L2296-04
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS90

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.613	77	85	96	rBV2	200325	231306	14.64%	1.988%
2	1.929	175	183	196	rVB	108928	142136	9.00%	1.222%
3	2.591	376	389	404	rBV2	199308	344305	21.79%	2.959%
4	2.787	439	450	463	rBV2	12658	24194	1.53%	0.208%
5	3.073	523	539	545	rBV3	15677	34055	2.16%	0.293%
6	3.218	572	584	603	rVB2	7096	16207	1.03%	0.139%
7	3.392	622	638	655	rVB2	104186	233210	14.76%	2.004%
8	3.736	733	745	760	rVB5	10636	23223	1.47%	0.200%
9	3.909	785	799	819	rVB3	34183	82777	5.24%	0.711%
10	4.572	986	1005	1020	rBV3	100707	243674	15.42%	2.094%
11	4.707	1020	1047	1076	rVV3	517763	1580099	100.00%	13.580%
12	5.112	1154	1173	1198	rBV3	218663	689994	43.67%	5.930%
13	5.353	1232	1248	1262	rBV	108056	244718	15.49%	2.103%
14	5.424	1262	1270	1287	rVB4	14630	31448	1.99%	0.270%
15	5.761	1352	1375	1401	rBV2	369051	945652	59.85%	8.127%
16	6.279	1523	1536	1555	rBV	348607	650257	41.15%	5.589%
17	6.571	1615	1627	1640	rBV2	31808	60985	3.86%	0.524%
18	6.723	1659	1674	1695	rBV	235929	451096	28.55%	3.877%
19	7.591	1930	1944	1967	rBV	132724	229331	14.51%	1.971%
20	7.922	2034	2047	2062	rBV	473641	793247	50.20%	6.818%
21	8.202	2122	2134	2146	rBV2	82936	140487	8.89%	1.207%
22	8.655	2260	2275	2303	rBV	718921	1246692	78.90%	10.715%
23	9.436	2504	2518	2541	rBV2	500024	929062	58.80%	7.985%
24	10.774	2921	2934	2953	rVB	171335	277563	17.57%	2.386%
25	10.906	2962	2975	2988	rBV4	9539	18756	1.19%	0.161%
26	11.247	3069	3081	3092	rBV	84299	129708	8.21%	1.115%
27	11.481	3143	3154	3169	rVB2	23731	37654	2.38%	0.324%
28	11.758	3230	3240	3249	rBV	23201	35392	2.24%	0.304%
29	11.825	3249	3261	3279	rVV	539287	881840	55.81%	7.579%
30	12.208	3366	3380	3399	rVB	454300	744669	47.13%	6.400%
31	13.867	3887	3896	3907	rBV2	40427	59691	3.78%	0.513%
32	14.115	3964	3973	3986	rVB	21299	34456	2.18%	0.296%
33	14.362	4040	4050	4060	rVB2	30591	47381	3.00%	0.407%

LSC Area Percent Report

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Title : TRACE VOA SOM01.0

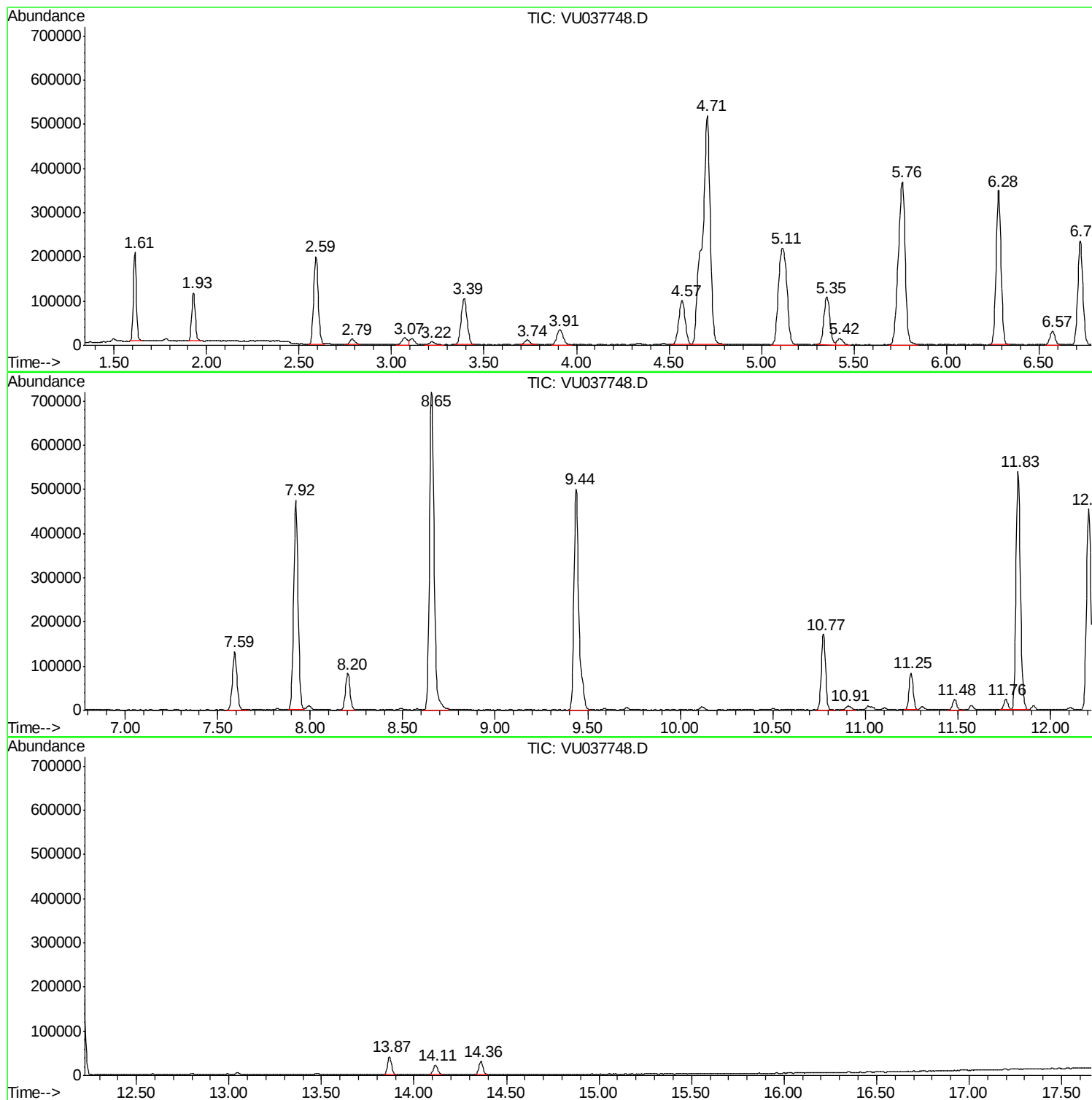
Sum of corrected areas: 11635265

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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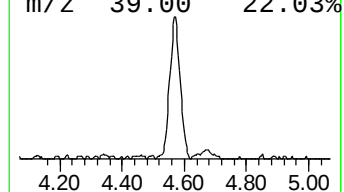
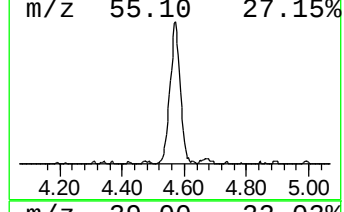
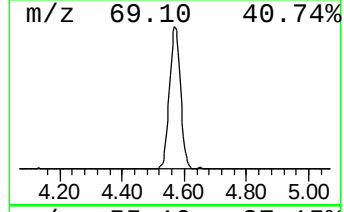
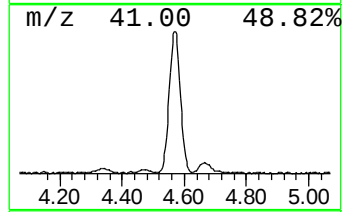
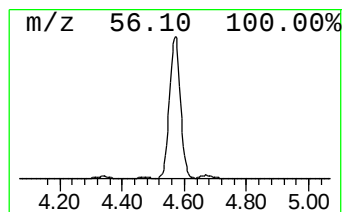
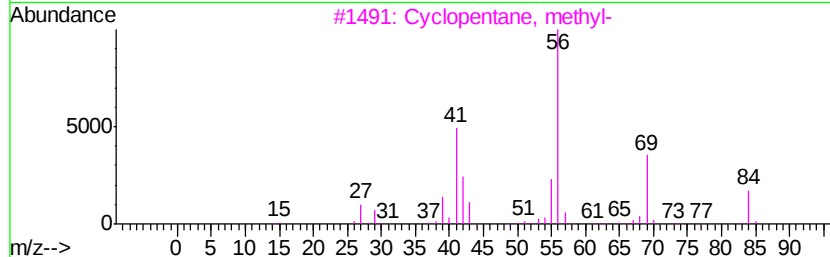
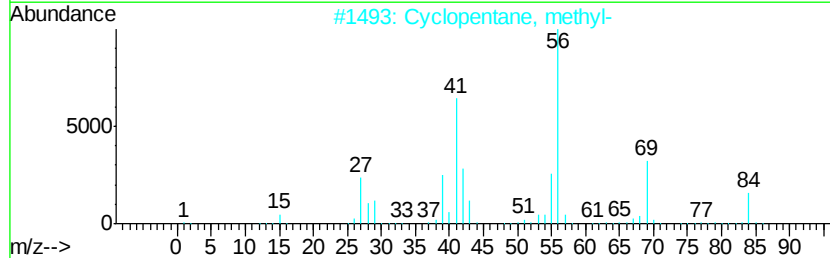
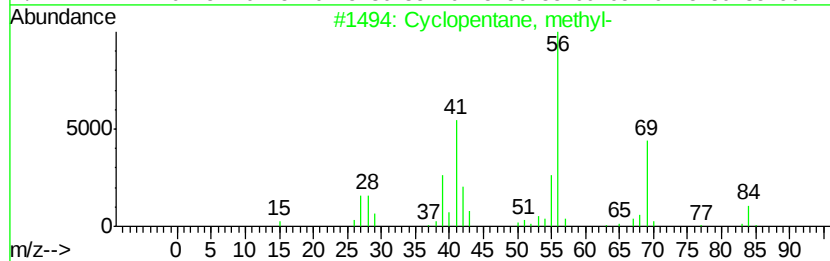
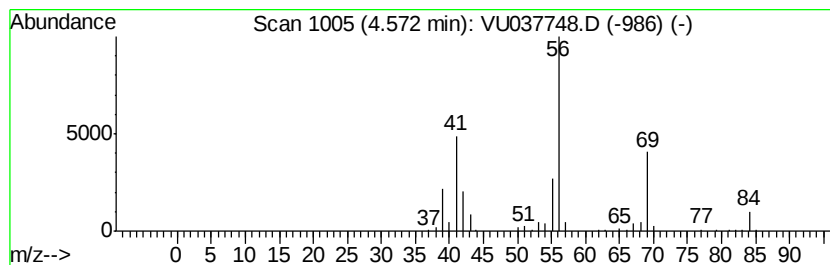
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TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic4.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	1.87 ug/L	243674	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4		Cyclohexane	84	C6H12	000110-82-7	78
5		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72



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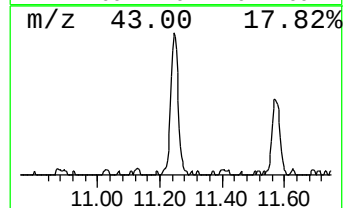
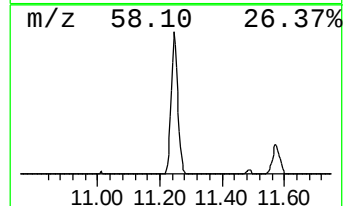
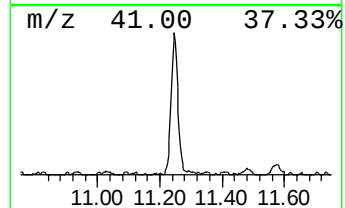
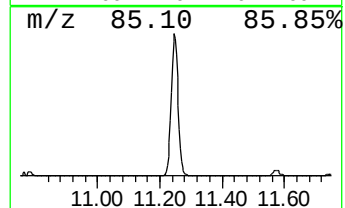
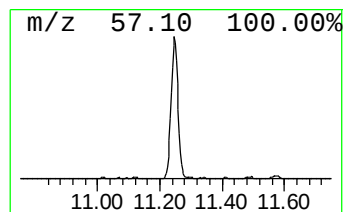
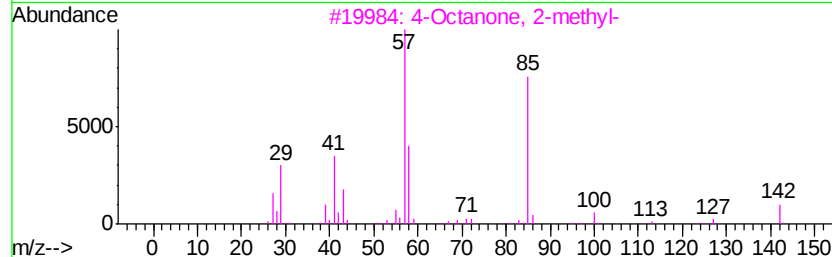
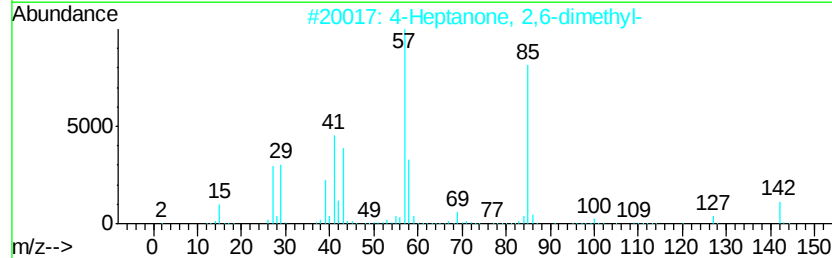
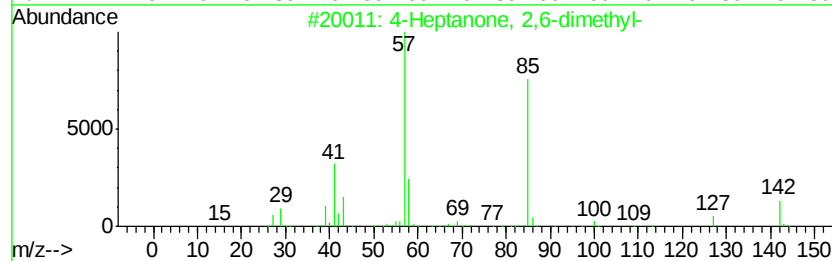
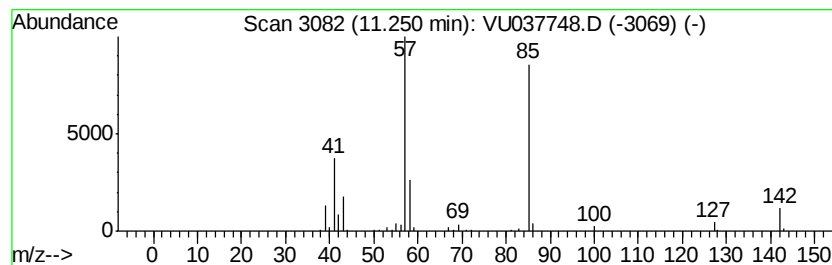
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Peak Number 3 4-Heptanone, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.25	0.74 ug/L	129708	1,4-Dichlorobenzene-d4	11.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	90
3	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
4	5-Nonanone	142	C9H18O	000502-56-7	59
5	2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	4.57	1.9	ug/L	243674	1	6.28	650257	5.0
4-Heptanone, 2,6-...	11.25	0.7	ug/L	129708	3	11.83	881840	5.0