

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
 Data File : VU040328.D
 Acq On : 28 Sep 2020 13:30
 Operator : SY/MD
 Sample : L4147-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

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\SOMUTR083120WMA.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	1.363	3	7	19	rVB	712334	670306	87.48%	11.294%
2	1.494	40	48	52	rBV4	7319	7980	1.04%	0.134%
3	1.527	52	58	67	rVB	48263	53487	6.98%	0.901%
4	1.594	71	79	95	rBV3	200271	277654	36.24%	4.678%
5	1.665	96	101	107	rBV	14117	13970	1.82%	0.235%
6	1.739	117	124	136	rVB	24092	29219	3.81%	0.492%
7	1.919	171	180	193	rVB	57901	79152	10.33%	1.334%
8	2.163	247	256	265	rVB	26087	36441	4.76%	0.614%
9	2.424	326	337	342	rBV5	5104	9205	1.20%	0.155%
10	2.465	342	350	364	rVB3	31149	50302	6.57%	0.848%
11	2.578	374	385	398	rBV	98551	160988	21.01%	2.712%
12	2.652	398	408	435	rVB2	12665	32849	4.29%	0.553%
13	2.829	443	463	465	rBV2	11626	26473	3.46%	0.446%
14	4.649	1012	1029	1070	rBV2	111343	318846	41.61%	5.372%
15	5.080	1146	1163	1182	rBV	97411	212617	27.75%	3.582%
16	5.739	1345	1368	1396	rBV2	188760	513214	66.98%	8.647%
17	6.170	1489	1502	1513	rBV3	8855	20075	2.62%	0.338%
18	6.260	1517	1530	1549	rVV	181880	344368	44.94%	5.802%
19	6.703	1653	1668	1685	rBV	126376	243067	31.72%	4.095%
20	7.179	1802	1816	1825	rBV5	4200	8800	1.15%	0.148%
21	7.571	1926	1938	1953	rBV2	60089	106350	13.88%	1.792%
22	7.722	1969	1985	1996	rBV4	17330	32412	4.23%	0.546%
23	7.903	2028	2041	2055	rBV	212133	368542	48.10%	6.209%
24	7.976	2056	2064	2075	rVB	6565	11492	1.50%	0.194%
25	8.185	2117	2129	2142	rBV	40827	67563	8.82%	1.138%
26	8.639	2256	2270	2308	rBV	426806	766210	100.00%	12.909%
27	8.790	2308	2317	2328	rVB4	5532	9619	1.26%	0.162%
28	9.012	2372	2386	2400	rVB3	12457	21217	2.77%	0.357%
29	9.420	2500	2513	2535	rBV	269091	451408	58.91%	7.606%
30	10.755	2915	2928	2942	rBV	105394	168417	21.98%	2.838%
31	10.890	2960	2970	2983	rVB3	5260	8632	1.13%	0.145%
32	11.806	3243	3255	3271	rBV	276990	434219	56.67%	7.316%
33	12.185	3362	3373	3389	rBV	228243	372483	48.61%	6.276%
34	12.880	3581	3589	3598	rBV4	5882	7689	1.00%	0.130%

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\SOMUTR083120WMA.M
Title : TRACE VOA SOM01.0

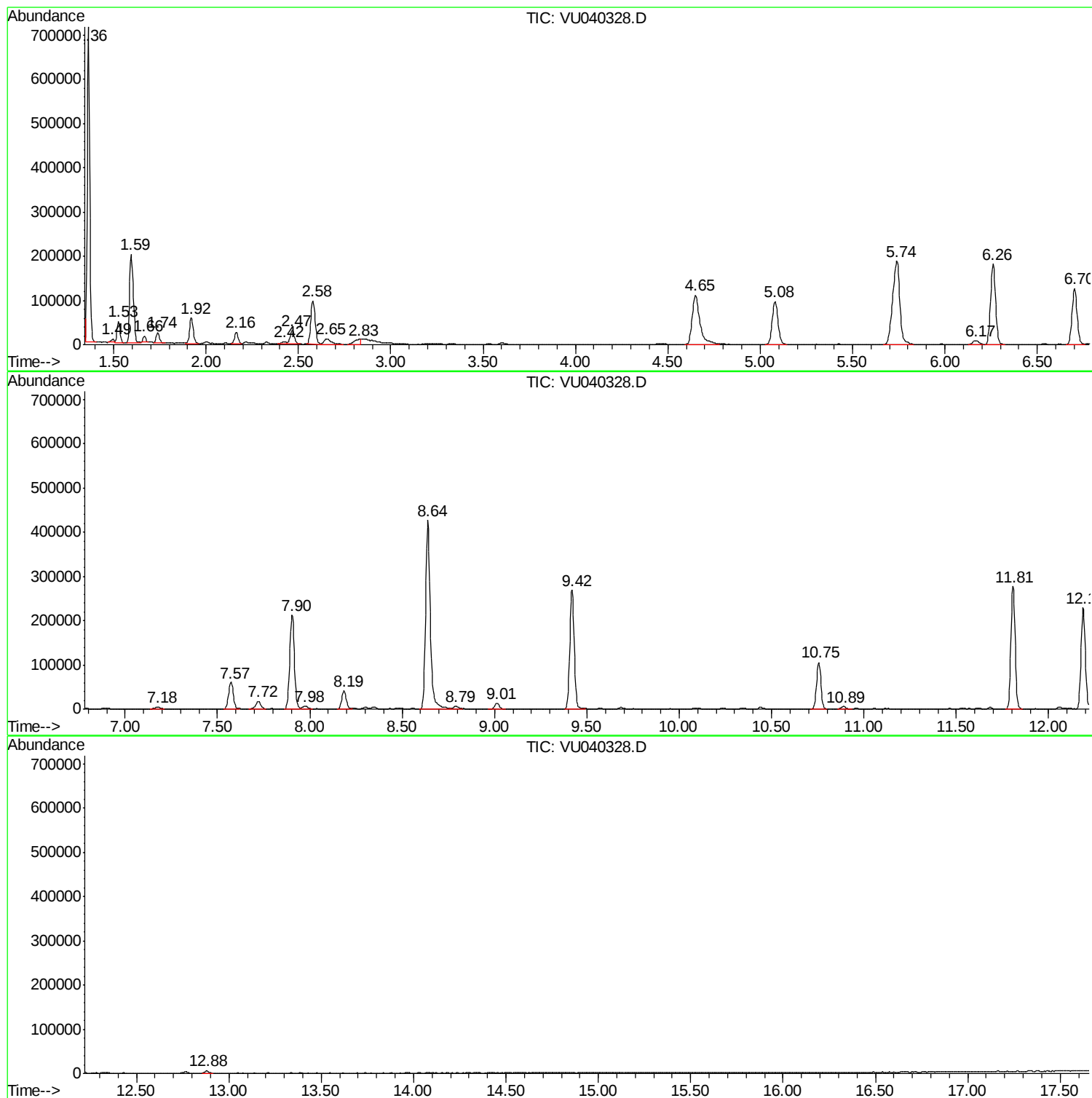
Sum of corrected areas: 5935266

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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 Quant Title : TRACE VOA SOM01.0

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

 Peak Number 1 (DEL) Alkane: Cyclic1.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.36	9.73 ug/L	670306	1,4-Difluorobenzene	6.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	45
3	Cyclopropane	42	C3H6	000075-19-4	9
4	Cyclopropene	40	C3H4	002781-85-3	9
5	Cyclopropane	42	C3H6	000075-19-4	7

 Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.16	0.53 ug/L	36441	1,4-Difluorobenzene	6.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	90
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	80
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	80
4	1-Pentene	70	C5H10	000109-67-1	64
5	1-Pentene	70	C5H10	000109-67-1	62

 Peak Number 3 Propane, 2-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.47	0.73 ug/L	50302	1,4-Difluorobenzene	6.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	72
2	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	64
3	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	50
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	4
5	Hydrogen azide	43	HN3	007782-79-8	3

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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.36	9.7	ug/L	670306	1	6.26	344368	5.0
(DEL) Alkane: Str...	2.16	0.5	ug/L	36441	1	6.26	344368	5.0
Propane, 2-chloro-	2.47	0.7	ug/L	50302	1	6.26	344368	5.0