

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021419\
 Data File : VR026322.D
 Acq On : 14 Feb 2019 20:45
 Operator : SY/MD
 Sample : K1488-12
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESXE8

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

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_R\METHODS\SOMRTR021119WMA.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	1.795	14	19	46	rVB	489306	2066497	9.55%	4.566%
2	2.117	66	72	73	rBV2	198427	319022	1.47%	0.705%
3	2.166	73	80	102	rVV2	1217622	4157873	19.21%	9.188%
4	2.330	102	107	117	rVB	130951	280076	1.29%	0.619%
5	2.622	142	155	167	rBV2	163841	490120	2.26%	1.083%
6	3.218	244	253	266	rVB	103826	254811	1.18%	0.563%
7	3.601	305	316	333	rBV2	301611	1202313	5.55%	2.657%
8	4.879	516	526	539	rVB3	86313	292973	1.35%	0.647%
9	6.588	796	807	810	rBV	119873	295649	1.37%	0.653%
10	6.674	810	821	845	rVB	8004517	21648519	100.00%	47.838%
11	7.197	896	907	923	rVB	414564	1032390	4.77%	2.281%
12	7.854	1004	1015	1035	rBV2	819478	2258424	10.43%	4.991%
13	8.456	1104	1114	1127	rBV	848227	1579745	7.30%	3.491%
14	8.894	1178	1186	1194	rBV	493905	972822	4.49%	2.150%
15	9.679	1309	1315	1324	rBV	183914	318569	1.47%	0.704%
16	9.971	1354	1363	1369	rBV	1299121	2031357	9.38%	4.489%
17	10.512	1445	1452	1458	rBV	345064	549081	2.54%	1.213%
18	10.591	1458	1465	1478	rVV	659452	1019806	4.71%	2.254%
19	11.285	1570	1579	1589	rBV	1174994	1751834	8.09%	3.871%
20	12.362	1750	1756	1762	rVB	221544	325049	1.50%	0.718%
21	13.220	1891	1897	1908	rBV	886935	1259920	5.82%	2.784%
22	13.512	1938	1945	1957	rVB	807173	1146591	5.30%	2.534%

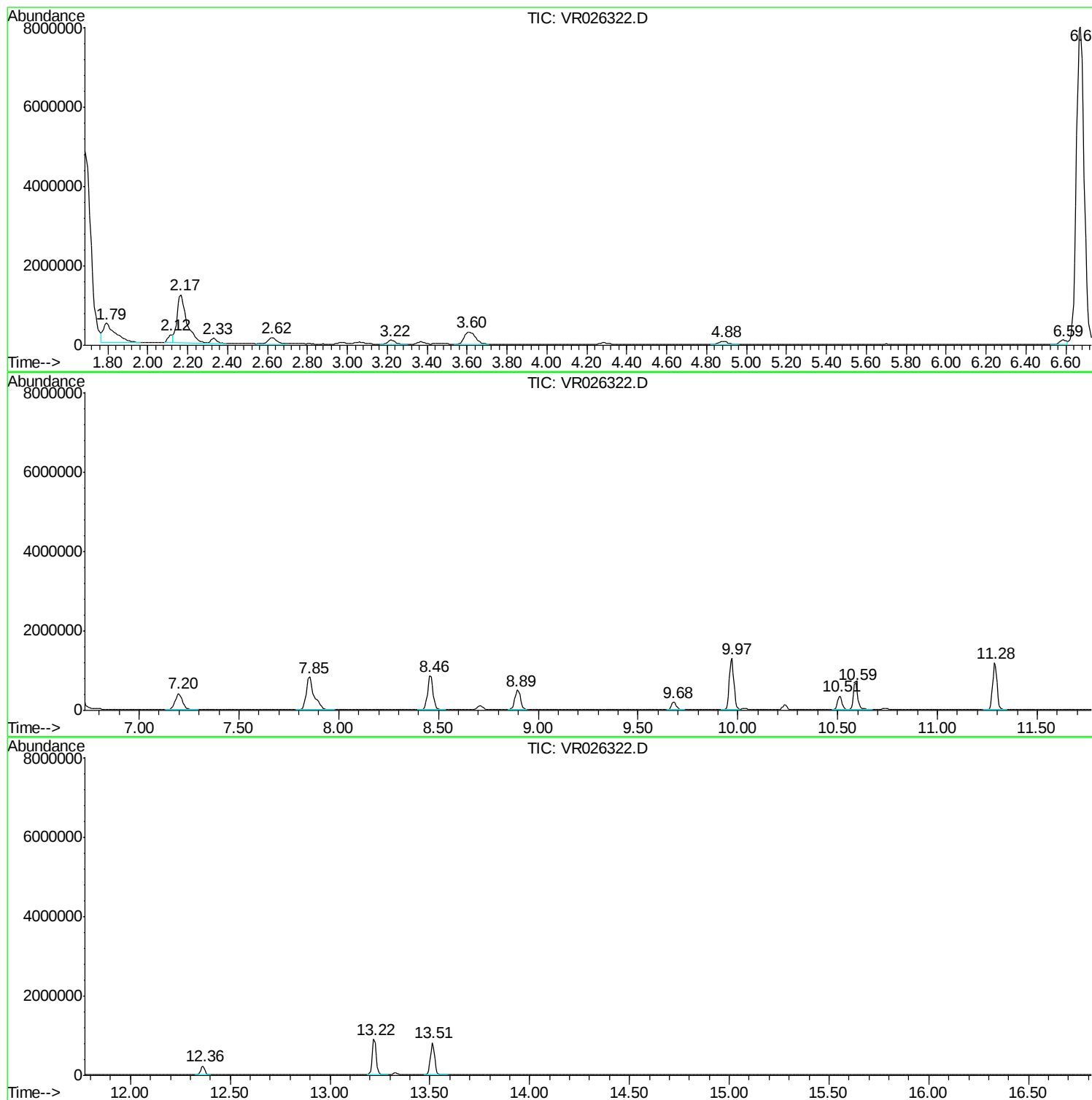
Sum of corrected areas: 45253441

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
Quant Title : TRACE VOA SOM01.0

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



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

 Peak Number 1 Carbonyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	6.54 ug/L	2066500	1,4-Difluorobenzene	8.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Carbonyl sulfide	60 COS	000463-58-1 5
2		Carbonyl sulfide	60 COS	000463-58-1 5
3		Thiirane	60 C2H4S	000420-12-2 4
4		Urea	60 CH4N2O	000057-13-6 4
5		Acetaldehyde, hydroxy-	60 C2H4O2	000141-46-8 3

 Peak Number 2 1-Propene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	0.89 ug/L	280076	1,4-Difluorobenzene	8.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Propene, 2-methyl-	56 C4H8	000115-11-7 74
2		1-Propene, 2-methyl-	56 C4H8	000115-11-7 74
3		2-Butene, (Z)-	56 C4H8	000590-18-1 68
4		2-Butene, (E)-	56 C4H8	000624-64-6 64
5		1-Propene, 2-methyl-	56 C4H8	000115-11-7 59

 Peak Number 3 Cyclopropane, 1,2-dimethyl-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	0.81 ug/L	254811	1,4-Difluorobenzene	8.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopropane, 1,2-dimethyl-, cis-	70 C5H10	000930-18-7 87
2		2-Pentene, (E)-	70 C5H10	000646-04-8 87
3		Cyclopropane, 1,1-dimethyl-	70 C5H10	001630-94-0 83
4		2-Methyl-1-butene	70 C5H10	000563-46-2 80
5		2-Butene, 2-methyl-	70 C5H10	000513-35-9 80

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Carbonyl sulfide	1.79	6.5	ug/L	2066500	1	8.46	1579750	5.0
1-Propene, 2-methyl-	2.33	0.9	ug/L	280076	1	8.46	1579750	5.0
Cyclopropane, 1,2...	3.22	0.8	ug/L	254811	1	8.46	1579750	5.0