

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021419\
 Data File : VR026321.D
 Acq On : 14 Feb 2019 20:11
 Operator : SY/MD
 Sample : K1488-11
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESXE7

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	1.788	12	18	45	rVB	1670100	6368497	86.35%	18.894%
2	1.983	45	50	68	rVB	193019	611290	8.29%	1.814%
3	2.159	68	79	100	rBV2	404868	1494124	20.26%	4.433%
4	2.622	146	155	164	rBV2	146712	371592	5.04%	1.102%
5	3.048	218	225	235	rVB2	46460	116200	1.58%	0.345%
6	3.620	308	319	329	rBV2	289037	1124888	15.25%	3.337%
7	4.477	448	460	473	rVB4	29404	134408	1.82%	0.399%
8	4.885	516	527	537	rBV	50589	160909	2.18%	0.477%
9	6.582	798	806	812	rBV2	106043	304110	4.12%	0.902%
10	6.673	812	821	839	rVB	2753515	7375591	100.00%	21.881%
11	7.197	898	907	917	rBV	364083	934848	12.67%	2.773%
12	7.513	949	959	966	rBV7	26739	80574	1.09%	0.239%
13	7.854	1006	1015	1035	rVB2	759927	2136085	28.96%	6.337%
14	8.456	1106	1114	1127	rBV	787099	1456539	19.75%	4.321%
15	8.705	1148	1155	1161	rBV	83345	169657	2.30%	0.503%
16	8.894	1179	1186	1194	rBV	475247	929264	12.60%	2.757%
17	9.679	1309	1315	1323	rBV	168923	288208	3.91%	0.855%
18	9.971	1354	1363	1370	rBV	1221035	1912427	25.93%	5.674%
19	10.238	1400	1407	1413	rBV	98338	163775	2.22%	0.486%
20	10.512	1445	1452	1457	rBV	208702	326830	4.43%	0.970%
21	10.591	1457	1465	1479	rBV	592198	947385	12.84%	2.811%
22	11.285	1573	1579	1591	rBV	1103121	1629883	22.10%	4.835%
23	12.362	1750	1756	1763	rVB	205882	289659	3.93%	0.859%
24	13.219	1891	1897	1904	rBV	932310	1328780	18.02%	3.942%
25	13.511	1939	1945	1955	rBV	738103	1185813	16.08%	3.518%
26	14.047	2028	2033	2042	rBV9	49705	107598	1.46%	0.319%
27	14.406	2089	2092	2097	rVB3	58441	73760	1.00%	0.219%
28	14.467	2097	2102	2107	rBV7	36722	89234	1.21%	0.265%
29	14.521	2107	2111	2117	rVV6	58529	100500	1.36%	0.298%
30	14.825	2157	2161	2170	rVB8	37429	94734	1.28%	0.281%
31	14.990	2182	2188	2190	rBV7	48201	78384	1.06%	0.233%
32	15.118	2203	2209	2213	rBV9	40185	91646	1.24%	0.272%
33	15.203	2219	2223	2230	rVB5	68481	110016	1.49%	0.326%
34	15.422	2254	2259	2264	rVV8	35832	85351	1.16%	0.253%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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Title : TRACE VOA SOM01.0

35	15.476	2264	2268	2271	rVB3	54916	83765	1.14%	0.249%
36	15.762	2310	2315	2320	rBV4	63603	106111	1.44%	0.315%
37	15.951	2340	2346	2352	rVV3	161073	275772	3.74%	0.818%
38	16.012	2352	2356	2361	rVB3	55996	89426	1.21%	0.265%
39	16.200	2380	2387	2391	rBV8	56377	144288	1.96%	0.428%
40	16.328	2402	2408	2416	rVB7	61685	138944	1.88%	0.412%
41	16.517	2431	2439	2446	rVB10	35885	112568	1.53%	0.334%
42	16.717	2467	2472	2477	rBV4	41976	83788	1.14%	0.249%

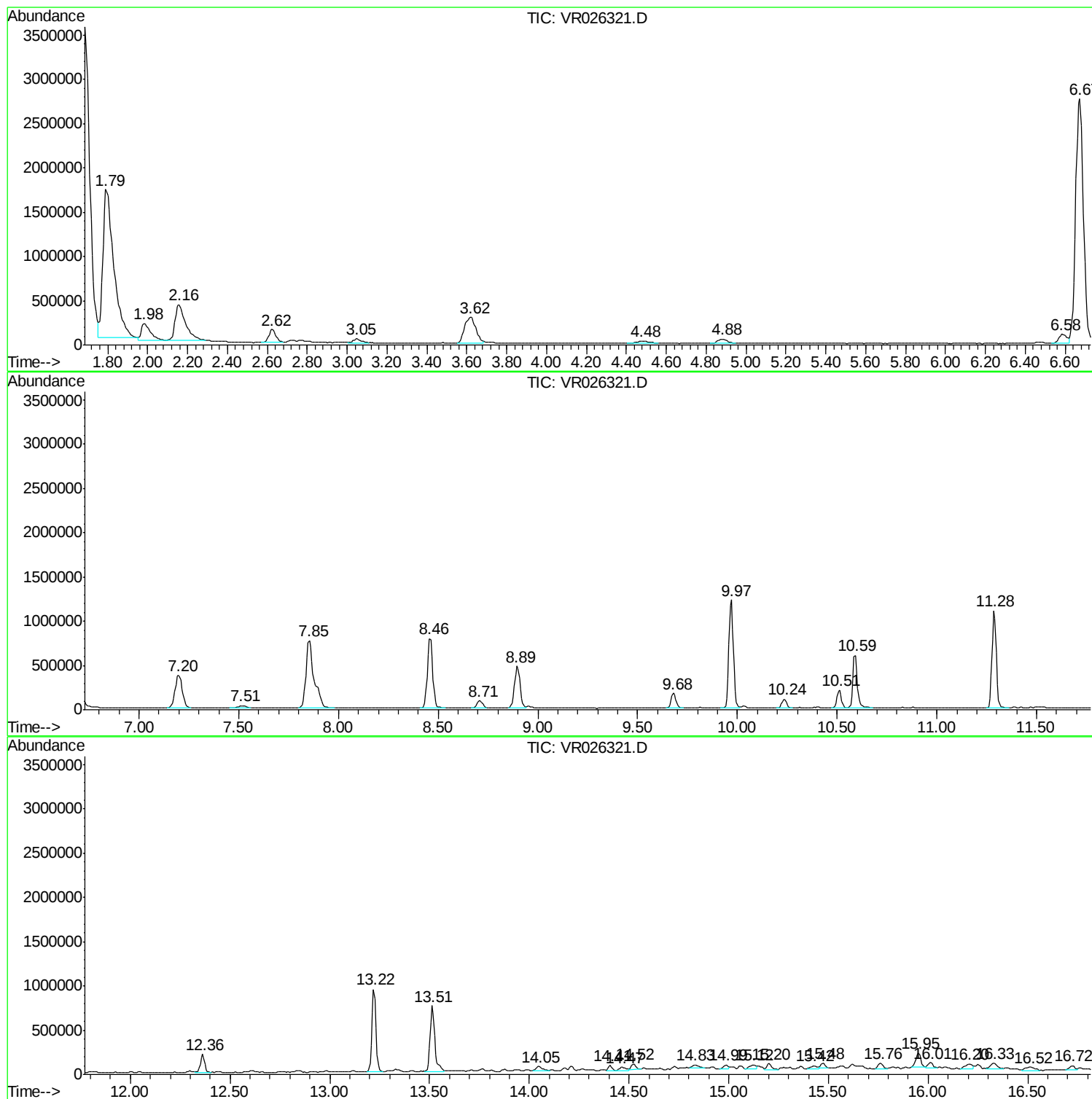
Sum of corrected areas: 33707221

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Quant Title : TRACE VOA SOM01.0

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



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TIC Integration Parameters: LSCINT.P

Peak Number 1 Propane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	21.86 ug/L	6368500	1,4-Difluorobenzene	8.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Propane	44 C3H8	000074-98-6	64
2	Propane	44 C3H8	000074-98-6	9
3	Propane	44 C3H8	000074-98-6	7
4	Ethylene oxide	44 C2H4O	000075-21-8	5
5	Ethylene oxide	44 C2H4O	000075-21-8	5

Peak Number 2 Isobutane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.98	2.10 ug/L	611290	1,4-Difluorobenzene	8.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Isobutane	58 C4H10	000075-28-5	53
2	Isobutane	58 C4H10	000075-28-5	50
3	Isobutane	58 C4H10	000075-28-5	50
4	Isobutane	58 C4H10	000075-28-5	47
5	Methacrolein	70 C4H6O	000078-85-3	9

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	1.04 ug/L	275772	1,4-Dichlorobenzene-d4	13.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	004175-54-6	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	013065-07-1	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	021564-91-0	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	001076-61-5	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	007524-63-2	53

Peak Number 4 Benzene, 1-(1-methylethenyl)-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
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TIC Integration Parameters: LSCINT.P

16.20	0.54 ug/L	144288	1,4-Dichlorobenzene-d4	13.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	38
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	38
3	Dec-5-ene-3,7-diyne, 2,9-dimethyl-	160	C12H16	1000211-23-3	38
4	2H-Indeno[2,1-b]furan-2-one, 3,3...	174	C11H10O2	080343-98-2	30
5	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	27

Peak Number 5 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.33	0.52 ug/L	138944	1,4-Dichlorobenzene-d4	13.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	46
5	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	45

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane	1.79	21.9	ug/L	6368500	1	8.46	1456540	5.0
Isobutane	1.98	2.1	ug/L	611290	1	8.46	1456540	5.0
Naphthalene, 1,2,...	15.95	1.0	ug/L	275772	3	13.22	1328780	5.0
Benzene, 1-(1-met...	16.20	0.5	ug/L	144288	3	13.22	1328780	5.0
1H-Indene, 2,3-di...	16.33	0.5	ug/L	138944	3	13.22	1328780	5.0