

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066309.D
 Acq On : 19 Aug 2020 07:39
 Operator : VA/SY
 Sample : L3712-06
 Misc : 7.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VB-25203

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_D\METHOD\82D080520S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.314	59	67	72	rBV2	14010	23400	3.51%	0.501%
2	3.702	296	303	310	rBV3	6619	15838	2.37%	0.339%
3	4.961	504	517	529	rBV2	74947	248247	37.20%	5.313%
4	7.914	1009	1019	1023	rBV2	143545	327763	49.12%	7.015%
5	7.973	1023	1029	1038	rVB	227826	522067	78.24%	11.174%
6	8.326	1081	1089	1103	rBV2	116455	259985	38.96%	5.564%
7	8.861	1171	1180	1190	rBV	331146	667275	100.00%	14.282%
8	10.337	1422	1431	1441	rBV	125220	222826	33.39%	4.769%
9	11.643	1645	1653	1663	rVB	168622	291751	43.72%	6.244%
10	12.631	1815	1821	1828	rBV	166967	275631	41.31%	5.899%
11	13.578	1974	1982	1990	rBV	252070	420723	63.05%	9.005%
12	13.902	2030	2037	2041	rBV8	19154	35042	5.25%	0.750%
13	14.008	2048	2055	2057	rBV8	9863	17050	2.56%	0.365%
14	14.108	2067	2072	2077	rBV4	9420	16401	2.46%	0.351%
15	14.296	2098	2104	2109	rBV9	13092	29337	4.40%	0.628%
16	14.355	2110	2114	2115	rBV4	6301	8543	1.28%	0.183%
17	14.408	2119	2123	2127	rBV5	33945	62125	9.31%	1.330%
18	14.572	2143	2151	2156	rBV6	41560	97484	14.61%	2.086%
19	14.772	2182	2185	2188	rBV4	10875	14723	2.21%	0.315%
20	14.837	2192	2196	2199	rVV5	21158	38168	5.72%	0.817%
21	14.884	2200	2204	2209	rVB7	41471	69121	10.36%	1.479%
22	14.943	2209	2214	2215	rBV5	18203	25579	3.83%	0.547%
23	15.002	2221	2224	2226	rBV4	24619	31968	4.79%	0.684%
24	15.102	2237	2241	2246	rVB5	42165	70678	10.59%	1.513%
25	15.167	2247	2252	2254	rBV5	45388	70928	10.63%	1.518%
26	15.372	2284	2287	2292	rVB7	24323	37901	5.68%	0.811%
27	15.449	2294	2300	2304	rBV6	69745	149196	22.36%	3.193%
28	16.696	2507	2512	2527	rVB8	209207	622543	93.30%	13.324%

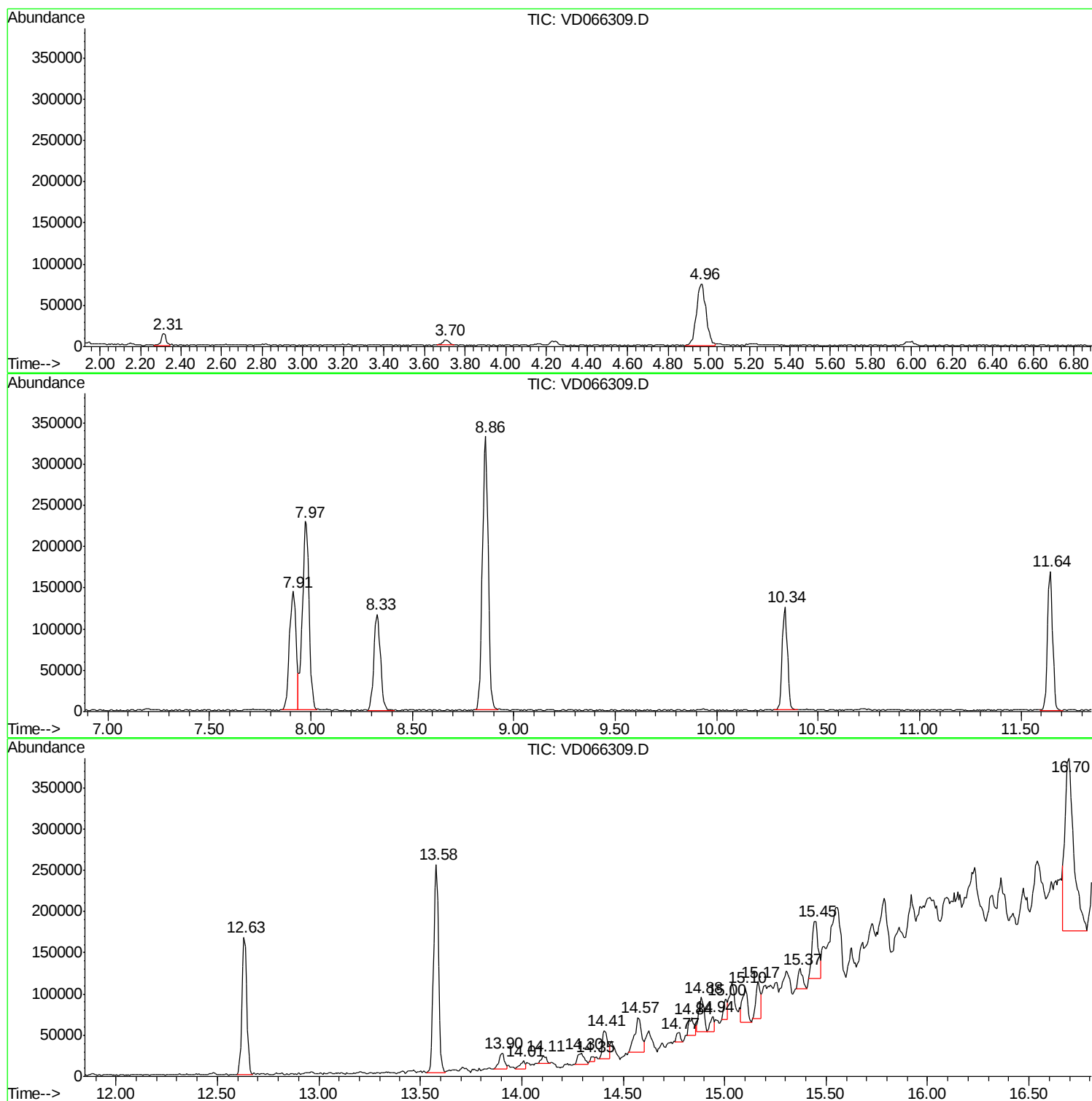
Sum of corrected areas: 4672293

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Quant Title : SW846 8260

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



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Peak Number 1 Bicyclo[4.1.0]heptan-3-one,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	7.38 ug/l	62125	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152 C10H16O	004176-04-9 83
2		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152 C10H16O	004176-01-6 80
3		trans-4a-Methyl-decahydronaphtha...	152 C11H20	002547-27-5 76
4		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 70
5		Cyclooctene, 1,2-dimethyl-	138 C10H18	054299-96-6 64

Peak Number 2 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	11.59 ug/l	97484	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2 58
2		Hexylidencyclohexane	166 C12H22	010201-62-4 49
3		(+)-2-Bornanone	152 C10H16O	000464-49-3 46
4		Spiro[4.5]decan-2-one	152 C10H16O	003643-16-1 46
5		Pulegone	152 C10H16O	000089-82-7 46

Peak Number 3 unknown14.88 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	8.21 ug/l	69121	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-1,5-dimet...	166 C12H22	066552-62-3 43
2		Naphthalene, decahydro-2,6-dimet...	166 C12H22	001618-22-0 38
3		2,5-Dimethoxyethylbenzene	166 C10H14O2	001199-08-2 22
4		4-Isopropylbenzenethiol, S-methyl-	166 C10H14S	1000353-04-8 22
5		1,4-Dimethoxy-2,3-dimethylbenzene	166 C10H14O2	039021-83-5 22

Peak Number 4 Benzenemethanol, 4-(1,1-dim... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
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15.10	8.40 ug/l	70678	1,4-Dichlorobenzene-d4	13.58			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	74
2			1H-Purin-6-amine, N-methyl-	149	C6H7N5	000443-72-1	64
3			Adamantane, 1-isothiocyanato-3-m...	207	C12H17NS	136860-48-5	64
4			1,4-Dimethyladamantane	164	C12H20	024145-88-8	62
5			1,4-Dimethyladamantane	164	C12H20	024145-89-9	58

 Peak Number 5 1,4-Dimethyladamantane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.17	8.43 ug/l	70928	1,4-Dichlorobenzene-d4	13.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Dimethyladamantane	164	C12H20	024145-89-9	50
2		1,4-Dimethyladamantane	164	C12H20	024145-88-8	50
3		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	46
4		Phthalic acid, but-3-yn-2-yl 2-e...	330	C20H26O4	1000315-76-1	35
5		1,2-Benzisothiazole, 3-methyl-	149	C8H7NS	006187-89-9	35

 Peak Number 6 unknown15.45 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.45	17.73 ug/l	149196	1,4-Dichlorobenzene-d4	13.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	38
2		Phthalic acid, 2-cyclohexylethyl...	304	C18H24O4	1000309-05-4	35
3		Pyridine, pentamethyl-	149	C10H15N	003748-83-2	30
4		m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	27
5		1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	27

 Peak Number 7 unknown16.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.70	73.98 ug/l	622543	1,4-Dichlorobenzene-d4			13.58
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1 Methyl ethyl cyclopentene	110	C8H14	019780-56-4	35
2 3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	27
3 di-t-Butylacetylene	138	C10H18	017530-24-4	25
4 Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	22
5 Cyclopropane, tetramethylpropyli...	138	C10H18	024519-04-8	22

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Bicyclo[4.1.0]hep...	14.41	7.4	ug/l	62125	4	13.58	420723	50.0
Bicyclo[2.2.1]hep...	14.57	11.6	ug/l	97484	4	13.58	420723	50.0
unknown14.88	14.88	8.2	ug/l	69121	4	13.58	420723	50.0
Benzenemethanol, ...	15.10	8.4	ug/l	70678	4	13.58	420723	50.0
1,4-Dimethyladama...	15.17	8.4	ug/l	70928	4	13.58	420723	50.0
unknown15.45	15.45	17.7	ug/l	149196	4	13.58	420723	50.0
unknown16.70	16.70	74.0	ug/l	622543	4	13.58	420723	50.0