

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003911.D
 Acq On : 12 Jul 2018 21:24
 Operator : SY/AP
 Sample : J3947-07
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-4

Integration Parameters: RTEINT.P

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.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	1.807	27	36	57	rVB	4380766	9090629	100.00%	57.052%
2	7.885	1023	1033	1038	rBV	121525	287451	3.16%	1.804%
3	7.952	1038	1044	1053	rVB	199094	442241	4.86%	2.775%
4	8.312	1093	1103	1113	rVB	120981	270499	2.98%	1.698%
5	8.848	1182	1191	1203	rBV	300760	603376	6.64%	3.787%
6	10.329	1426	1434	1441	rBV	386740	685839	7.54%	4.304%
7	11.232	1577	1582	1588	rVB	52509	92267	1.01%	0.579%
8	11.634	1641	1648	1658	rBV	297845	494464	5.44%	3.103%
9	12.622	1804	1810	1817	rVB	187477	303215	3.34%	1.903%
10	12.786	1831	1837	1843	rVB2	108197	193481	2.13%	1.214%
11	12.860	1843	1849	1856	rBV6	35380	101740	1.12%	0.639%
12	12.951	1856	1864	1866	rBV6	44223	117736	1.30%	0.739%
13	13.567	1960	1965	1969	rBV	146439	211022	2.32%	1.324%
14	13.707	1982	1988	1992	rBV2	128874	224722	2.47%	1.410%
15	13.884	2012	2017	2022	rVB5	117049	227918	2.51%	1.430%
16	14.207	2066	2070	2077	rBV5	55360	140626	1.55%	0.883%
17	14.274	2077	2081	2087	rVB7	79382	167774	1.85%	1.053%
18	14.390	2096	2100	2104	rBV4	109443	173267	1.91%	1.087%
19	14.518	2116	2121	2123	rBV2	70733	138560	1.52%	0.870%
20	14.560	2125	2128	2131	rVB3	87639	121595	1.34%	0.763%
21	14.981	2193	2197	2201	rBV5	150819	292148	3.21%	1.834%
22	15.140	2220	2223	2226	rBV3	78316	105630	1.16%	0.663%
23	15.255	2238	2242	2251	rVB4	273019	484468	5.33%	3.041%
24	15.755	2318	2324	2331	rVB5	342269	724342	7.97%	4.546%
25	16.767	2485	2490	2493	rBV	124220	238806	2.63%	1.499%

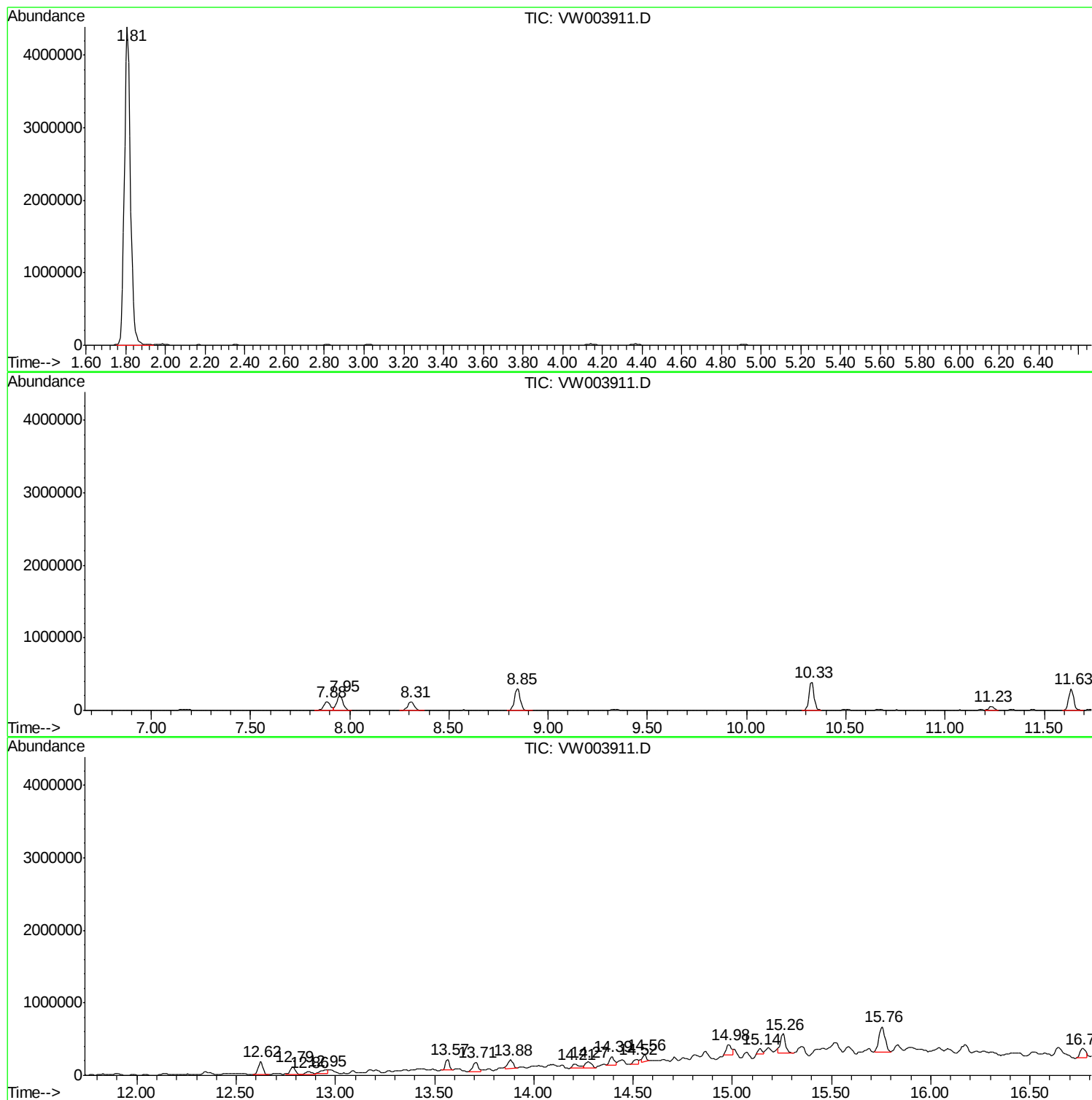
Sum of corrected areas: 15933816

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



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 Peak Number 1 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.79	45.84 ug/l	193481	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	68
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
3	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	53
4	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46

 Peak Number 2 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.71	53.25 ug/l	224722	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	92
2	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	81
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	70
4	Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	52
5	trans-2,2-Dimethyl-4-heptenal	140	C9H16O	091296-58-1	46

 Peak Number 3 Naphthalene, decahydro-, tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.88	54.00 ug/l	227918	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	78
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	78
3	Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	72
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	60
5	Spiro[4.5]decane	138	C10H18	000176-63-6	52

 Peak Number 4 unknown14.27 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
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14.27	39.75 ug/l	167774	1,4-Dichlorobenzene-d4	13.57			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-4...	166	C11H18O	000938-06-7	25		
2	4,5-Dichloroimidazole	136	C3H2Cl2N2	015965-30-7	18		
3	N-(1-Cyano-3-methyl-but-2-enyl)-...	152	C8H12N2O	1000192-62-7	14		
4	Isobornyl acetate	196	C12H20O2	000125-12-2	14		
5	3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	000931-96-4	11		

 Peak Number 5 trans-Decalin, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.39	41.05 ug/l	173267	1,4-Dichlorobenzene-d4	13.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91	
2	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	83	
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	74	
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74	
5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	60	

 Peak Number 6 unknown14.98 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.98	69.22 ug/l	292148	1,4-Dichlorobenzene-d4	13.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	46
2		Acenaphthene	154	C12H10	000083-32-9	41
3		1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	38
4		2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	27
5		1-Adamantanol	152	C10H16O	000768-95-6	25

 Peak Number 7 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.26	114.79 ug/l	484468	1,4-Dichlorobenzene-d4	13.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	99
2	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	58
3	Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	49
4	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	46
5	2-Tridecene, (E)-	182	C13H26	041446-58-6	46

Peak Number 8 unknown15.76 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	171.63 ug/l	724342	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentene, 5-hexyl-3,3-dimethyl-	180	C13H24	061142-66-3	43
2		trans,cis-2,8-Dimethylspiro[5.5]...	180	C13H24	095472-52-9	38
3		6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	35
4		Triallylsilane	152	C9H16Si	001116-62-7	20
5		cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	15

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	56.58 ug/l	238806	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	62
3		1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	58
4		Indan, 1,1,6,7-tetramethyl-	174	C13H18	016204-58-3	58
5		1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	58

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1,1,...	12.79	45.8	ug/l	193481	4	13.57	211022	50.0
1-Ethyl-2,2,6-tri...	13.71	53.3	ug/l	224722	4	13.57	211022	50.0
Naphthalene, deca...	13.88	54.0	ug/l	227918	4	13.57	211022	50.0
unknown14.27	14.27	39.8	ug/l	167774	4	13.57	211022	50.0
trans-Decalin, 2-...	14.39	41.0	ug/l	173267	4	13.57	211022	50.0
unknown14.98	14.98	69.2	ug/l	292148	4	13.57	211022	50.0
Cyclohexane, 2-bu...	15.26	114.8	ug/l	484468	4	13.57	211022	50.0
unknown15.76	15.76	171.6	ug/l	724342	4	13.57	211022	50.0
Naphthalene, 1,2,...	16.77	56.6	ug/l	238806	4	13.57	211022	50.0