

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014509.D
 Acq On : 03 Jan 2020 19:57
 Operator : SY/VA
 Sample : L1011-07
 Misc : 7.15G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-010220-4-5-GRAB-B7

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\82W010320S.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	4.916	482	494	513	rBV2	47070	173705	1.38%	0.461%
2	7.878	968	980	985	rBV	492868	1158848	9.24%	3.073%
3	7.945	985	991	1001	rVB	838325	1866468	14.88%	4.950%
4	8.305	1040	1050	1060	rBV	481805	1107117	8.82%	2.936%
5	8.842	1129	1138	1148	rBV	1203189	2397935	19.11%	6.359%
6	10.323	1372	1381	1388	rBV	1972322	3468942	27.65%	9.200%
7	11.628	1588	1595	1606	rBV	1390449	2309371	18.41%	6.125%
8	12.469	1724	1733	1740	rBV	671978	1094046	8.72%	2.901%
9	12.615	1750	1757	1765	rBV	1085860	1760390	14.03%	4.669%
10	12.938	1805	1810	1817	rVB2	100032	159549	1.27%	0.423%
11	13.249	1855	1861	1866	rBV	135457	207913	1.66%	0.551%
12	13.469	1888	1897	1905	rBV2	182472	330587	2.64%	0.877%
13	13.554	1905	1911	1922	rVV	1041063	1758024	14.01%	4.662%
14	13.755	1939	1944	1948	rBV	157737	272357	2.17%	0.722%
15	14.207	2012	2018	2029	rVB3	68914	128266	1.02%	0.340%
16	14.414	2044	2052	2056	rBV2	62441	136793	1.09%	0.363%
17	14.804	2108	2116	2122	rBV3	162843	339214	2.70%	0.900%
18	15.060	2148	2158	2168	rBV3	47743	132202	1.05%	0.351%
19	15.286	2184	2195	2200	rBV2	47556	129201	1.03%	0.343%
20	15.365	2200	2208	2217	rVV	7213262	12545805	100.00%	33.272%
21	15.462	2218	2224	2231	rVV	93592	198330	1.58%	0.526%
22	16.438	2377	2384	2398	rVB	1595928	3324405	26.50%	8.816%
23	16.645	2409	2418	2429	rVB	1254478	2707196	21.58%	7.180%

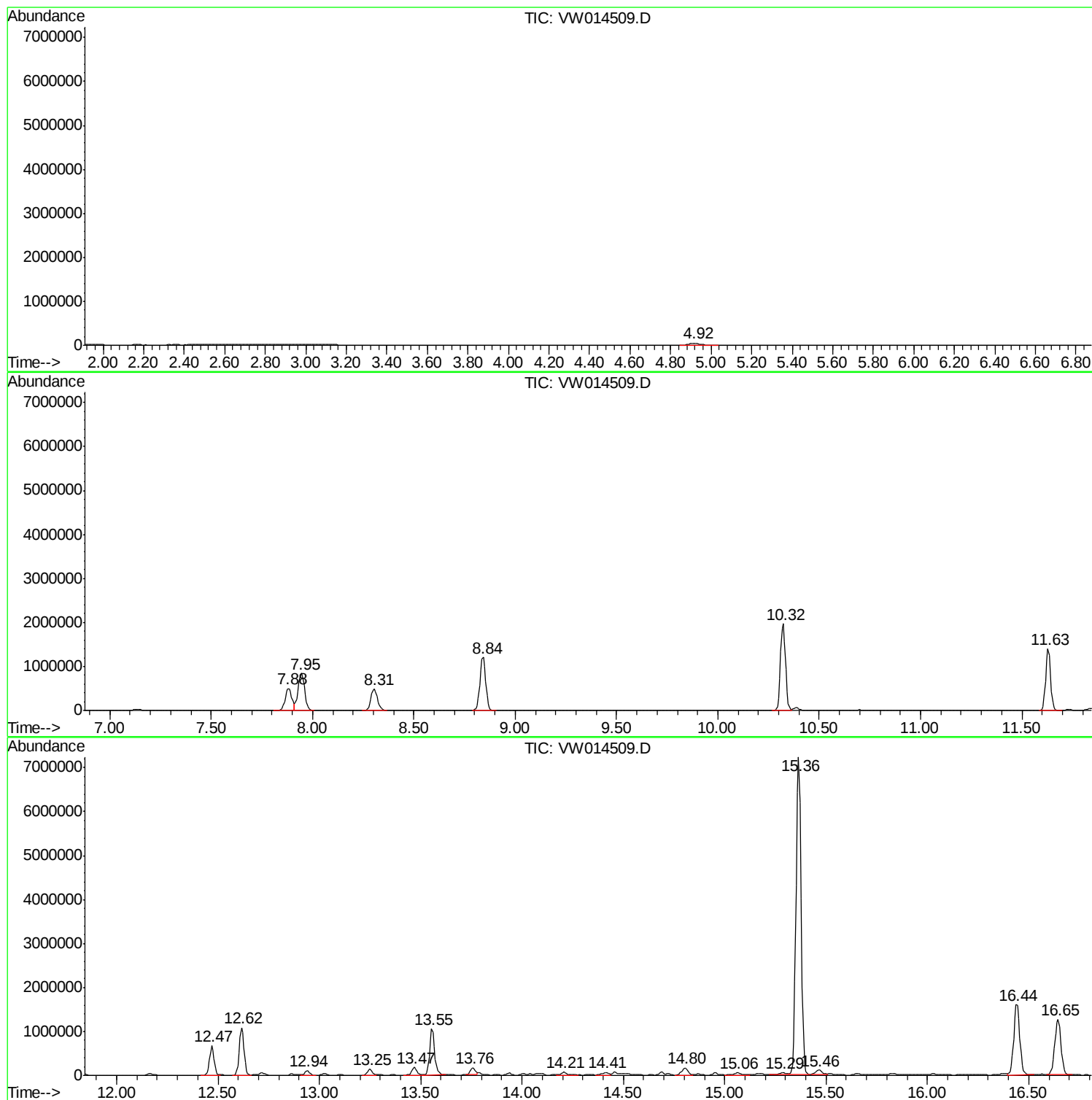
Sum of corrected areas: 37706664

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



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 Peak Number 1 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	23.69 ug/l	1094050	Chlorobenzene-d5	11.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.alpha.-Pinene	136 C10H16	000080-56-8 97
2		(1R)-2,6,6-Trimethylbicyclo[3.1....	136 C10H16	007785-70-8 95
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136 C10H16	004889-83-2 91
4		(1S)-2,6,6-Trimethylbicyclo[3.1....	136 C10H16	007785-26-4 90
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136 C10H16	000488-97-1 87

 Peak Number 2 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	9.40 ug/l	330587	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		D-Limonene	136 C10H16	005989-27-5 98
2		Limonene	136 C10H16	000138-86-3 94
3		Cyclohexene, 4-ethenyl-1,4-dimet...	136 C10H16	001743-61-9 53
4		Cyclohexene, 1-methyl-4-(1-methy...	136 C10H16	005989-54-8 52
5		.beta.-Myrcene	136 C10H16	000123-35-3 45

 Peak Number 3 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	7.75 ug/l	272357	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Indane	118 C9H10	000496-11-7 91
2		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 83
3		Benzene, 2-propenyl-	118 C9H10	000300-57-2 80
4		Benzene, 1-propenyl-	118 C9H10	000637-50-3 80
5		trans-Cinnamyl bromide	196 C9H9Br	026146-77-0 64

 Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
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14.80	9.65 ug/l	339214	1,4-Dichlorobenzene-d4	13.55		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	89
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81

 Peak Number 5 Cyclopenta[c]thiapyran Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.46	5.64 ug/l	198330	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	87
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	81
3	Benzo[c]thiophene	134	C8H6S	000270-82-6	81
4	3-(2'-Methyl benzenaminomethyl),...	324	C18H16N2O2S	312926-67-3	64
5	Benzo[b]cyclobuta[d]thiophene-1,...	264	C13H12O4S	034244-75-2	56

 Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.44	94.55 ug/l	3324410	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.47	23.7	ug/l	1094050	3	11.63	2309370	50.0
D-Limonene	13.47	9.4	ug/l	330587	4	13.55	1758020	50.0
Indane	13.76	7.8	ug/l	272357	4	13.55	1758020	50.0
Benzene, 2-etheny...	14.80	9.7	ug/l	339214	4	13.55	1758020	50.0
Cyclopenta[c]thia...	15.46	5.6	ug/l	198330	4	13.55	1758020	50.0
Naphthalene, 1-me...	16.44	94.5	ug/l	3324410	4	13.55	1758020	50.0