

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071020\
 Data File : VD065948.D
 Acq On : 10 Jul 2020 14:59
 Operator : VA/SY
 Sample : L3259-01
 Misc : 3.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-2-DRUM

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\82D070720S.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	2.315	62	67	71	rBV3	20273	30695	4.04%	0.593%
2	4.162	373	381	382	rBV2	4838	8507	1.12%	0.164%
3	4.962	508	517	531	rVB2	22354	72918	9.59%	1.409%
4	5.991	686	692	693	rBV4	4745	8723	1.15%	0.169%
5	7.920	1010	1020	1024	rBV2	137968	334756	44.04%	6.468%
6	7.979	1024	1030	1042	rVB	226344	526319	69.25%	10.170%
7	8.332	1080	1090	1100	rBV	126647	297418	39.13%	5.747%
8	8.861	1173	1180	1189	rBV	327197	669032	88.03%	12.927%
9	9.355	1258	1264	1268	rBV5	6312	13799	1.82%	0.267%
10	10.338	1424	1431	1439	rBV	402280	760046	100.00%	14.686%
11	10.720	1492	1496	1503	rVV3	11616	25706	3.38%	0.497%
12	11.649	1645	1654	1661	rBV	306249	550301	72.40%	10.633%
13	11.744	1668	1670	1673	rBV4	5919	7659	1.01%	0.148%
14	12.173	1740	1743	1744	rBV3	7148	7636	1.00%	0.148%
15	12.638	1815	1822	1830	rVB	182247	325400	42.81%	6.287%
16	12.955	1873	1876	1882	rVB8	12358	22236	2.93%	0.430%
17	13.320	1934	1938	1942	rVB7	11127	19027	2.50%	0.368%
18	13.408	1948	1953	1954	rBV5	8164	11414	1.50%	0.221%
19	13.579	1977	1982	1989	rVB	137129	224236	29.50%	4.333%
20	13.902	2032	2037	2040	rBV5	28418	41123	5.41%	0.795%
21	14.108	2069	2072	2079	rVB8	19385	31377	4.13%	0.606%
22	14.226	2087	2092	2095	rBV7	13873	23974	3.15%	0.463%
23	14.355	2110	2114	2117	rBV6	13907	21475	2.83%	0.415%
24	14.408	2119	2123	2129	rVV4	45774	83287	10.96%	1.609%
25	14.573	2146	2151	2156	rBV7	38083	63132	8.31%	1.220%
26	14.632	2157	2161	2165	rVB7	28660	41923	5.52%	0.810%
27	14.837	2190	2196	2199	rBV7	34593	80212	10.55%	1.550%
28	14.885	2199	2204	2210	rVB8	93294	182586	24.02%	3.528%
29	15.002	2219	2224	2227	rBV4	64740	121119	15.94%	2.340%
30	15.096	2235	2240	2245	rVB8	68476	119654	15.74%	2.312%
31	15.196	2254	2257	2262	rBV6	35519	68599	9.03%	1.325%
32	15.367	2284	2286	2292	rVB3	49666	69519	9.15%	1.343%
33	15.432	2293	2297	2300	rBV4	59714	112921	14.86%	2.182%
34	15.920	2376	2380	2387	rBV8	92680	198660	26.14%	3.839%

LSC Area Percent Report

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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

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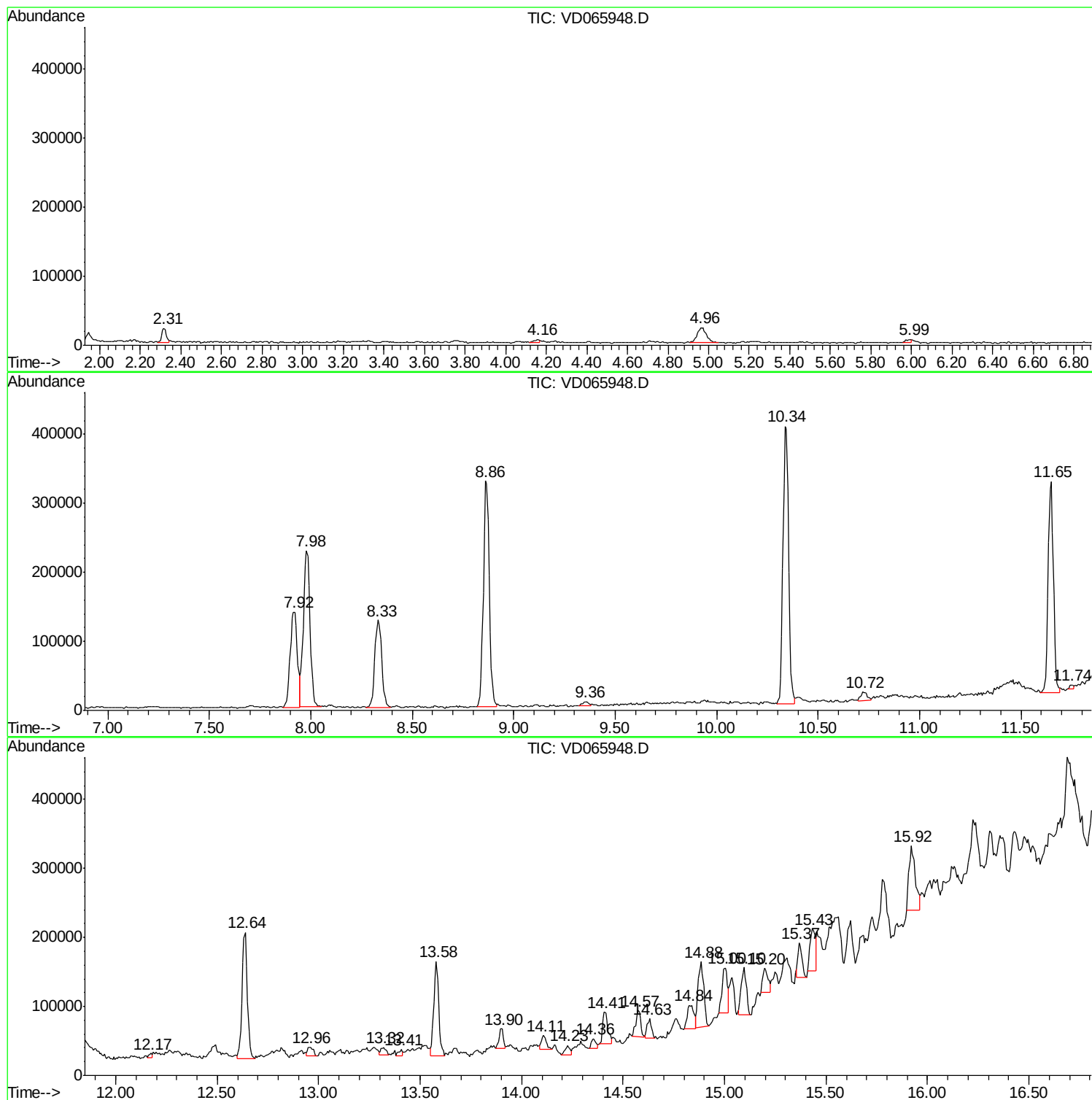
Sum of corrected areas: 5175389

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



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 Peak Number 1 unknown13.90 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	9.17 ug/l	41123	1,4-Dichlorobenzene-d4	13.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-15,16-Diepoxyhexadecane	254	C16H30O2	1000192-65-0	35
2			1,9-Nonanediol, dimethanesulfonate	316	C11H24O6S2	004248-77-5	30
3			Cyclononane, 2-hydroxy-	156	C9H16O2	000496-83-3	27
4			Bicyclo[3.1.0]hexan-3-one	96	C6H8O	001755-04-0	27
5			N-(5-Azidopentyl)-4-methyl-4-vin...	222	C11H18N4O	1000112-62-0	27

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	18.57 ug/l	83287	1,4-Dichlorobenzene-d4	13.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90		
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86		
3	Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	55		
4	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	49		
5	3-(1H-Imidazol-4-yl)-propan-1-ol	126	C6H10N2O	049549-75-9	45		

 Peak Number 3 Cyclohexanone, 2-methyl-5-(... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	14.08 ug/l	63132	1,4-Dichlorobenzene-d4	13.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	86
2			Cyclopentylcyclohexane	152	C11H20	001606-08-2	62
3			6a-Methyl-hexahydopentalene-1,6...	152	C9H12O2	092485-86-4	58
4			9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	38
5			2(1H)-Pyridinone	95	C5H5NO	000142-08-5	38

 Peak Number 4 cis-Decalin, 2-syn-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
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14.63	9.35 ug/l	41923	1,4-Dichlorobenzene-d4	13.58			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	55
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	49
3			1,4-Undecadiene, (Z)-	152	C11H20	055976-14-2	46
4			2-Decalone, c&t	152	C10H16O	004832-17-1	46
5			Bicyclo[4.3.1]decan-10-one	152	C10H16O	020440-21-5	38

 Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.84	17.89 ug/l	80212	1,4-Dichlorobenzene-d4	13.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	78
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	60
3		2(1H)-Naphthalenone, octahydro-, ...	152	C10H16O	016021-08-2	41
4		Bicyclo[4.1.0]heptane, 3-methyl-...	180	C13H24	041977-48-4	30
5		1H-Imidazole, 2-ethyl-	96	C5H8N2	001072-62-4	22

 Peak Number 6 Naphthalene, decahydro-1,5-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.88	40.71 ug/l	182586	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	74
2		cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	70
3		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	55
4		Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	49
5		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	49

 Peak Number 7 Naphthalene, decahydro-2,3-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.00	27.01 ug/l	121119	1,4-Dichlorobenzene-d4	13.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1 Naphthalene, decahydro-2,3-dimet... 166 C12H22 001008-80-6 60
2 cis, cis-2-Ethylbicyclo[4.4.0]de... 166 C12H22 066660-40-0 52
3 Bicyclo[2.2.1]heptan-2-one, 1,7,... 152 C10H16O 000464-48-2 47
4 Naphthalene, decahydro-2,6-dimet... 166 C12H22 001618-22-0 43
5 1H-Indene, 1-ethyloctahydro-7a-m... 166 C12H22 056324-71-1 38
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 Peak Number 8 unknown15.10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	26.68 ug/l	119654	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	38
2		Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	38
3		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	30
4		Cyclodecene, 3-bromo-	216	C10H17Br	056325-56-5	25
5		Cyclohexane, ethylidene-	110	C8H14	001003-64-1	18

 Peak Number 9 cis,trans-1,6-Dimethylspiro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	15.30 ug/l	68599	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	53
2		trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	52
3		1-Tetradecyne	194	C14H26	000765-10-6	49
4		cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	41
5		2-(1-Hydroxycyclohexyl)-furan	166	C10H14O2	036169-67-2	35

 Peak Number 10 unknown15.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	44.30 ug/l	198660	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis,trans-1,7-Dimethylspiro[5.5]...	180	C13H24	1000111-73-1	43
2		2-Ethoxy-4-anisaldehyde	180	C10H12O3	042924-37-8	38
3		6-(5-Methyl-furan-2-yl)-hexan-2-one	180	C11H16O2	1000185-87-5	35

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4 2-Nonyne	124 C9H16	019447-29-1 22
5 Cycloheptane, 1-chloro-3-iodo-	258 C7H12ClI	1000337-09-8 22

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown13.90	13.90	9.2	ug/l	41123	4	13.58	224236	50.0
trans-Decalin, 2-...	14.41	18.6	ug/l	83287	4	13.58	224236	50.0
Cyclohexanone, 2-...	14.57	14.1	ug/l	63132	4	13.58	224236	50.0
cis-Decalin, 2-sy...	14.63	9.3	ug/l	41923	4	13.58	224236	50.0
Naphthalene, deca...	14.84	17.9	ug/l	80212	4	13.58	224236	50.0
Naphthalene, deca...	14.88	40.7	ug/l	182586	4	13.58	224236	50.0
Naphthalene, deca...	15.00	27.0	ug/l	121119	4	13.58	224236	50.0
unknown15.10	15.10	26.7	ug/l	119654	4	13.58	224236	50.0
cis,trans-1,6-Dim...	15.20	15.3	ug/l	68599	4	13.58	224236	50.0
unknown15.92	15.92	44.3	ug/l	198660	4	13.58	224236	50.0