LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
Data File : VD071533.D
Acq On : 29 Dec 2021 17:18
Operator : VA/SY
Sample : M5230-03
Misc : 6.20G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PSC124055

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_D\Method\82D122221S.M
Title : SW846 8260

Signal : TIC: VD071533.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.967	506	518	531	rVB2	74077	240059	8.32%	1.115%
2	7.914	1010	1019	1024	rBV	256627	624069	21.62%	2.900%
3	7.973	1024	1029	1045	rVB	466919	1053530	36.50%	4.895%
4	8.326	1080	1089	1100	rVB	244190	529629	18.35%	2.461%
5	8.861	1171	1180	1191	rBV	700604	1433260	49.65%	6.660%
6	10.332	1421	1430	1440	rBV	1115983	2010443	69.65%	9.342%
7	11.638	1643	1652	1662	rBV	1027312	1772590	61.41%	8.236%
8	12.479	1785	1795	1804	rBV	441103	750098	25.99%	3.485%
9	12.620	1812	1819	1827	rBV	761488	1299363	45.02%	6.037%
10	12.726	1832	1837	1841	rVB3	22008	34094	1.18%	0.158%
11	12.873	1856	1862	1865	rBV2	27006	43398	1.50%	0.202%
12	12.949	1870	1875	1881	rVV2	127035	215423	7.46%	1.001%
13	13.032	1884	1889	1896	rVB2	37829	63201	2.19%	0.294%
14	13.255	1922	1927	1932	rBV	59901	91855	3.18%	0.427%
15	13.479	1956	1965	1972	rBV8	37096	93798	3.25%	0.436%
16	13.561	1972	1979	1990	rVV	892583	1573098	54.50%	7.309%
17	13.761	2008	2013	2016	rVV	109631	196450	6.81%	0.913%
18	13.790	2016	2018	2028	rVB2	98955	156606	5.43%	0.728%
19	13.943	2038	2044	2051	rVB	112945	184329	6.39%	0.856%
20	14.020	2051	2057	2058	rBV4	20606	32681	1.13%	0.152%
21	14.049	2059	2062	2067	rVV4	24748	43448	1.51%	0.202%
22	14.102	2067	2071	2076	rVB2	42706	64657	2.24%	0.300%
23	14.220	2084	2091	2093	rBV4	65057	119090	4.13%	0.553%
24	14.426	2116	2126	2129	rBV2	63704	134171	4.65%	0.623%
25	14.467	2129	2133	2137	rVV	109864	188751	6.54%	0.877%
26	14.508	2137	2140	2145	rVV4	43187	74272	2.57%	0.345%
27	14.561	2145	2149	2156	rVB7	17745	40863	1.42%	0.190%
28	14.696	2167	2172	2176	rBV2	38804	64483	2.23%	0.300%
29	14.814	2183	2192	2199	rBV3	130905	285776	9.90%	1.328%
30	14.879	2199	2203	2210	rVB5	39363	68302	2.37%	0.317%
31	14.961	2210	2217	2225	rBV3	51007	102539	3.55%	0.476%
32	15.073	2230	2236	2242	rBV8	18115	35734	1.24%	0.166%
33	15.179	2247	2254	2260	rVV6	13629	36130	1.25%	0.168%
34	15.385	2281	2289	2298	rVV	1246765	2270204	78.65%	10.548%
35	15.490	2298	2307	2312	rVV4	52843	122342	4.24%	0.568%
36	15.679	2333	2339	2347	rBV5	26708	57848	2.00%	0.269%

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Integration Parameters: RTEINT.P
Integrator: RTE
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Stop Thrs : 0 Peak Location: TOP

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Title : SW846 8260

37	15.979	2385	2390	2395	rBV7	20888	49885	1.73%	0.232%
38	16.061	2399	2404	2410	rVB4	26747	52631	1.82%	0.245%
39	16.302	2441	2445	2451	rVB6	14618	34033	1.18%	0.158%
40	16.414	2453	2464	2467	rBV7	53328	158900	5.51%	0.738%
41	16.479	2467	2475	2485	rVB	1362007	2886456	100.00%	13.412%
42	16.602	2491	2496	2500	rBV7	17855	36551	1.27%	0.170%
43	16.684	2500	2510	2520	rVB	943021	2196585	76.10%	10.206%

Sum of corrected areas: 21521625

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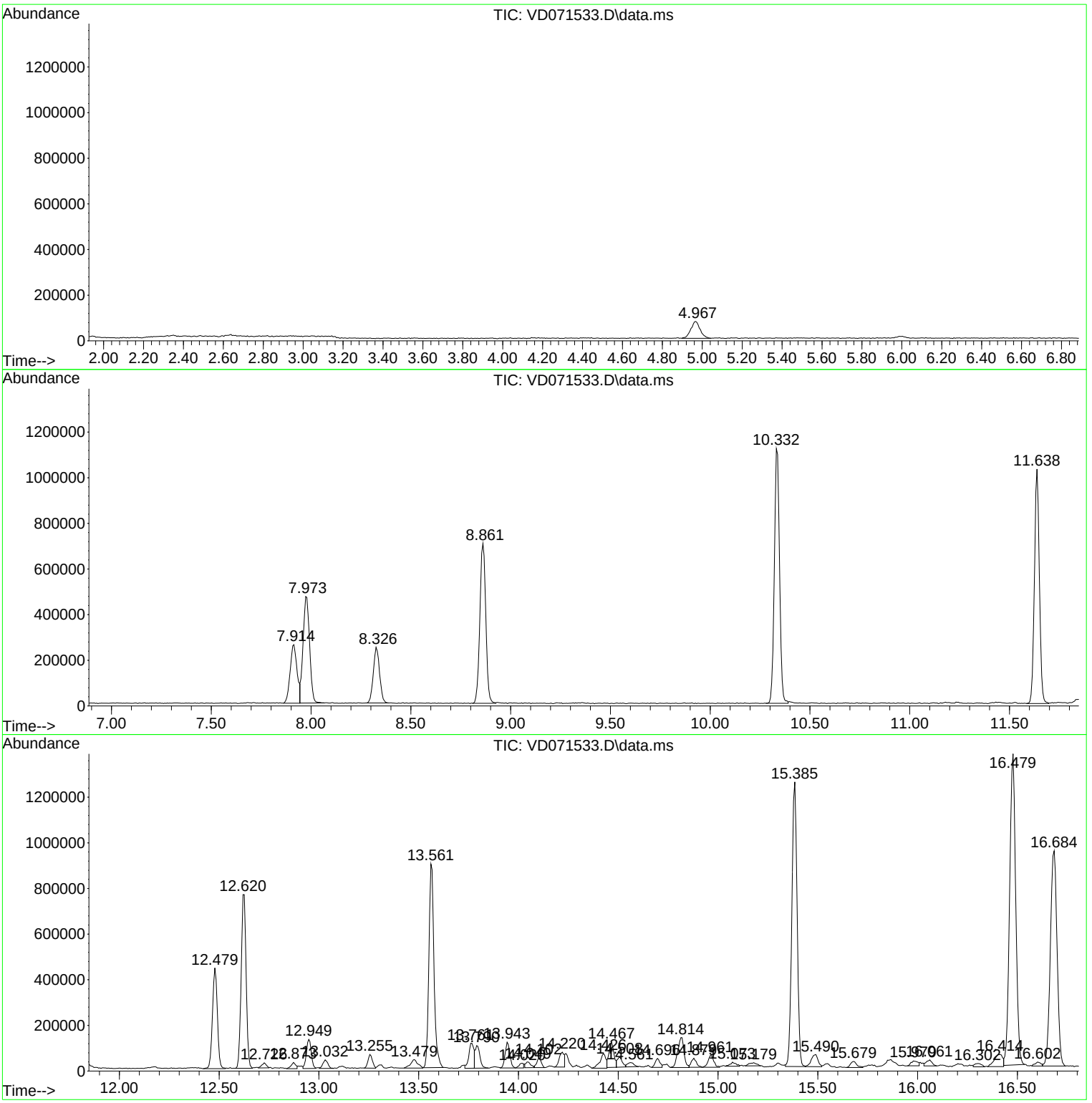
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.761	6.24 ug/l	196450	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	76
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	58

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Peak Number 2 1-Propyne, 3-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.943	5.86 ug/l	184329	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	97
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91

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Peak Number 3 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.467	6.00 ug/l	188751	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91

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Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	9.08 ug/l	285776	1,4-Dichlorobenzene-d4	13.561

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Instrument :
MSVOA_D
ClientSampleId :
PSC124055

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80

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Peak Number 5 1,2,3,4-Tetrahydroisoquinol... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.414	5.05 ug/l	158900	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydroisoquinolin-5-...	148	C9H12N2	115955-90-3	80
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	76
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	76
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	76
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	68

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Peak Number 6 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.479	91.74 ug/l	2886460	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72

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Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.684	69.82 ug/l	2196590	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72

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Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	13.761	6.2	ug/l	196450	4	13.561	1573100	50.0
1-Propyne, 3-ph...	13.943	5.9	ug/l	184329	4	13.561	1573100	50.0
Benzene, 1,2,3,...	14.467	6.0	ug/l	188751	4	13.561	1573100	50.0
Benzene, 2-ethe...	14.814	9.1	ug/l	285776	4	13.561	1573100	50.0
1,2,3,4-Tetrahy...	16.414	5.0	ug/l	158900	4	13.561	1573100	50.0
1,4-Methanonaph...	16.479	91.7	ug/l	2886460	4	13.561	1573100	50.0
Naphthalene, 1-...	16.684	69.8	ug/l	2196590	4	13.561	1573100	50.0