LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
Data File : VN075691.D
Acq On : 10 Dec 2022 05:34
Operator : JC\MD
Sample : N5989-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10R

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_N\methods\82N120922W.M
Title : SW846 8260

Signal : TIC: VN0756691.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.300	35	42	53	rBV3	30420	83774	8.27%	1.079%
2	2.824	127	131	138	rVB2	7476	16743	1.65%	0.216%
3	3.265	199	206	216	rVB7	5010	14413	1.42%	0.186%
4	5.394	562	568	581	rVB5	4284	15180	1.50%	0.196%
5	5.530	581	591	602	rBV4	12833	41843	4.13%	0.539%
6	5.806	627	638	656	rVB2	19059	66867	6.60%	0.861%
7	6.671	777	785	796	rVB5	4434	13453	1.33%	0.173%
8	7.341	890	899	906	rBV4	13464	38431	3.79%	0.495%
9	8.171	1031	1040	1045	rBV	145062	346398	34.19%	4.462%
10	8.229	1045	1050	1064	rVB	258521	601574	59.37%	7.750%
11	8.606	1101	1114	1124	rBV3	222675	733379	72.38%	9.448%
12	8.747	1131	1138	1151	rVB9	5955	20657	2.04%	0.266%
13	9.106	1190	1199	1212	rBV	372609	753861	74.40%	9.712%
14	9.600	1279	1283	1289	rVB4	9111	17740	1.75%	0.229%
15	10.106	1363	1369	1372	rBV2	10101	18692	1.84%	0.241%
16	10.153	1372	1377	1383	rVB2	10804	20600	2.03%	0.265%
17	10.459	1422	1429	1433	rBV4	6333	12061	1.19%	0.155%
18	10.570	1440	1448	1457	rBV	556606	1013254	100.00%	13.053%
19	10.759	1472	1480	1487	rVB4	11400	23924	2.36%	0.308%
20	10.841	1487	1494	1499	rBV3	8906	16188	1.60%	0.209%
21	10.982	1511	1518	1528	rBV5	6279	14883	1.47%	0.192%
22	11.247	1557	1563	1571	rVB	10812	18568	1.83%	0.239%
23	11.870	1661	1669	1680	rBV	485893	882520	87.10%	11.369%
24	11.965	1680	1685	1694	rVB	25778	42464	4.19%	0.547%
25	12.076	1696	1704	1709	rBV2	10170	19357	1.91%	0.249%
26	12.700	1804	1810	1816	rVB	39066	64683	6.38%	0.833%
27	12.853	1829	1836	1845	rBV	394046	666289	65.76%	8.583%
28	13.035	1861	1867	1875	rBV	74242	121634	12.00%	1.567%
29	13.335	1914	1918	1925	rVB	9933	15043	1.48%	0.194%
30	13.482	1938	1943	1949	rVB2	8834	13152	1.30%	0.169%
31	13.611	1956	1965	1972	rBV3	8427	18418	1.82%	0.237%
32	13.794	1989	1996	2008	rBV	512686	890213	87.86%	11.468%
33	13.953	2017	2023	2026	rBV3	24003	40149	3.96%	0.517%
34	14.000	2026	2031	2047	rVV	166217	310775	30.67%	4.004%
35	14.123	2047	2052	2057	rVV2	7428	11968	1.18%	0.154%
36	14.182	2057	2062	2069	rVB2	10932	16279	1.61%	0.210%

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ALS Vial : 38 Sample Multiplier: 1

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : SW846 8260

37	14.335	2082	2088	2093	rVV	29792	45958	4.54%	0.592%
38	14.400	2093	2099	2102	rVV2	21284	33709	3.33%	0.434%
39	14.447	2102	2107	2116	rVB2	77449	131079	12.94%	1.689%
40	14.658	2135	2143	2147	rBV	46355	81350	8.03%	1.048%
41	14.694	2147	2149	2154	rVB2	13440	17597	1.74%	0.227%
42	14.929	2184	2189	2195	rVV3	13936	22186	2.19%	0.286%
43	15.053	2201	2210	2216	rBV2	96993	195664	19.31%	2.521%
44	15.211	2232	2237	2243	rBV4	11732	18823	1.86%	0.242%
45	15.317	2245	2255	2260	rBV4	17083	37117	3.66%	0.478%
46	15.364	2260	2263	2268	rVV3	9229	16324	1.61%	0.210%
47	15.447	2269	2277	2283	rVB5	21533	53280	5.26%	0.686%
48	15.647	2304	2311	2317	rVB2	27847	52993	5.23%	0.683%
49	15.953	2355	2363	2367	rBV4	8322	15594	1.54%	0.201%
50	16.129	2386	2393	2400	rBV3	5607	12837	1.27%	0.165%
51	16.347	2422	2430	2438	rVB4	5073	12596	1.24%	0.162%

Sum of corrected areas: 7762534

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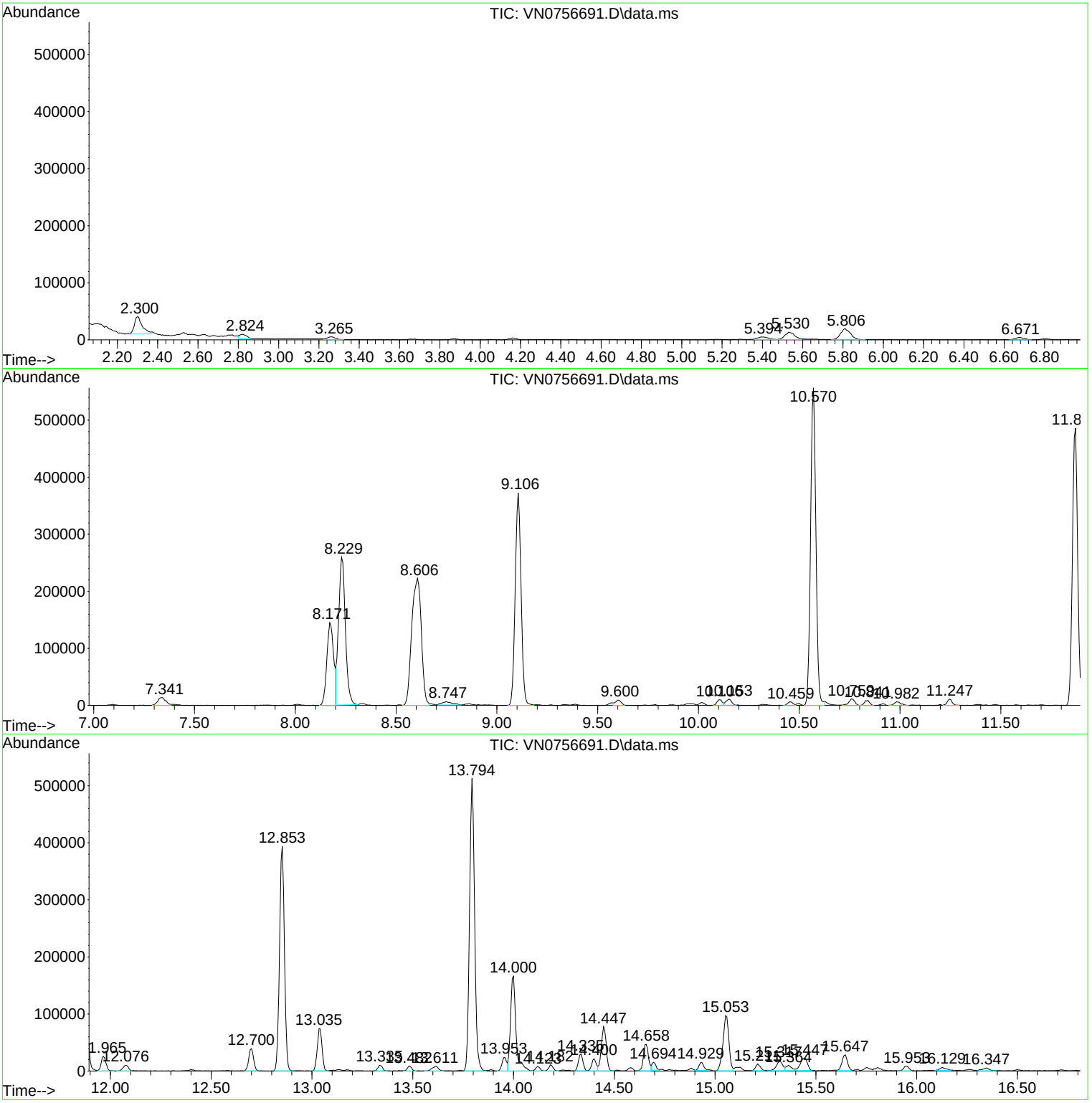
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260

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



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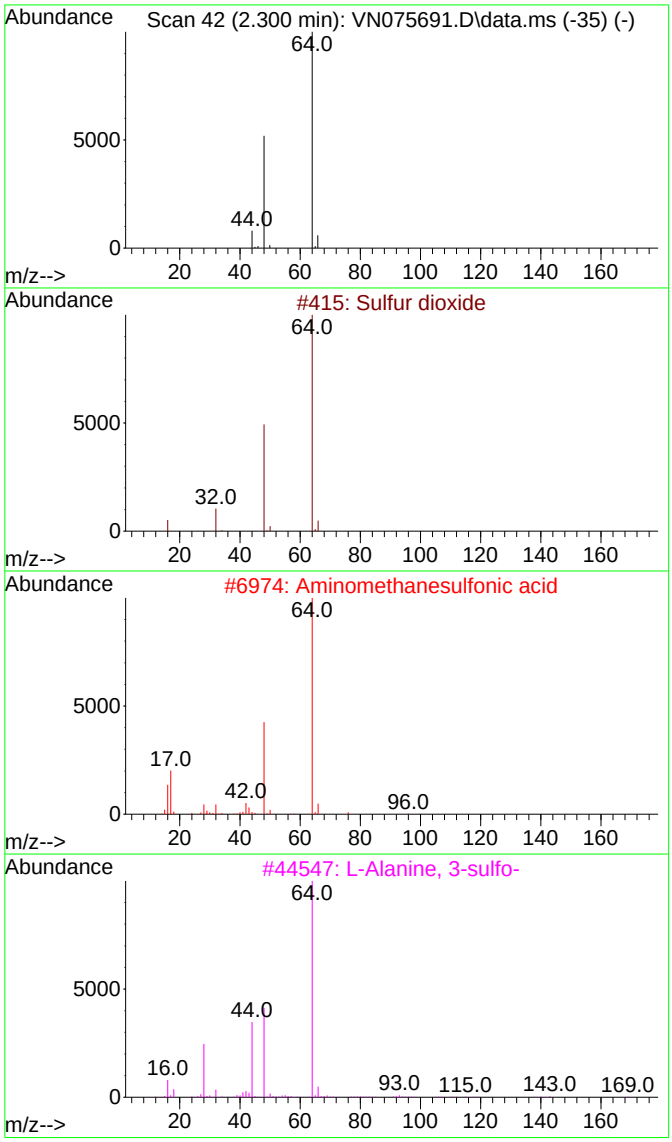
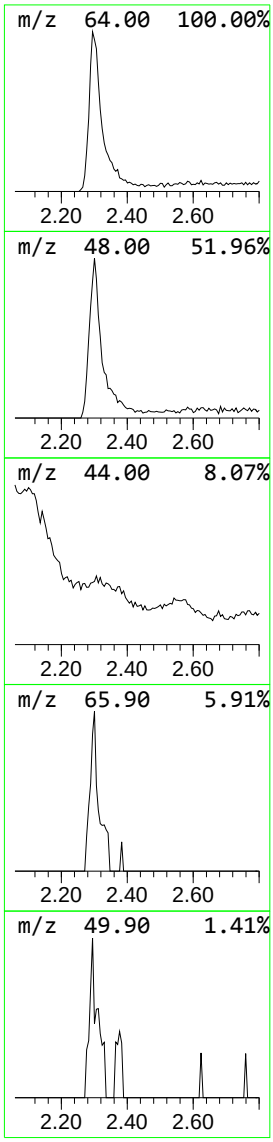
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.300	6.96 ug/l	83774	Pentafluorobenzene	8.229

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





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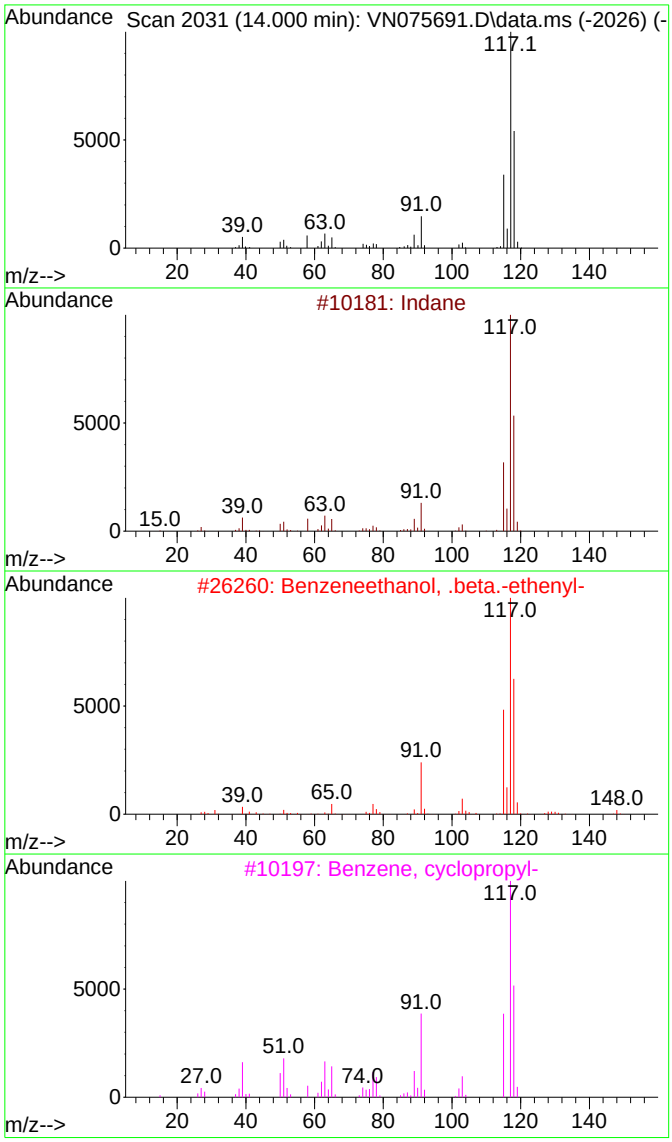
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260

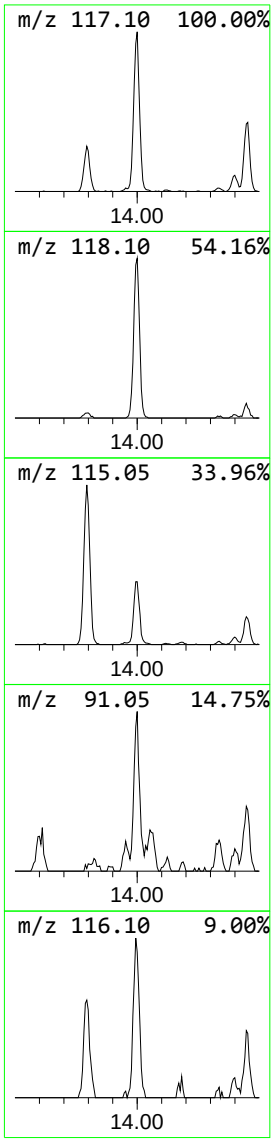
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.000	17.46 ug/l	310775	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	59





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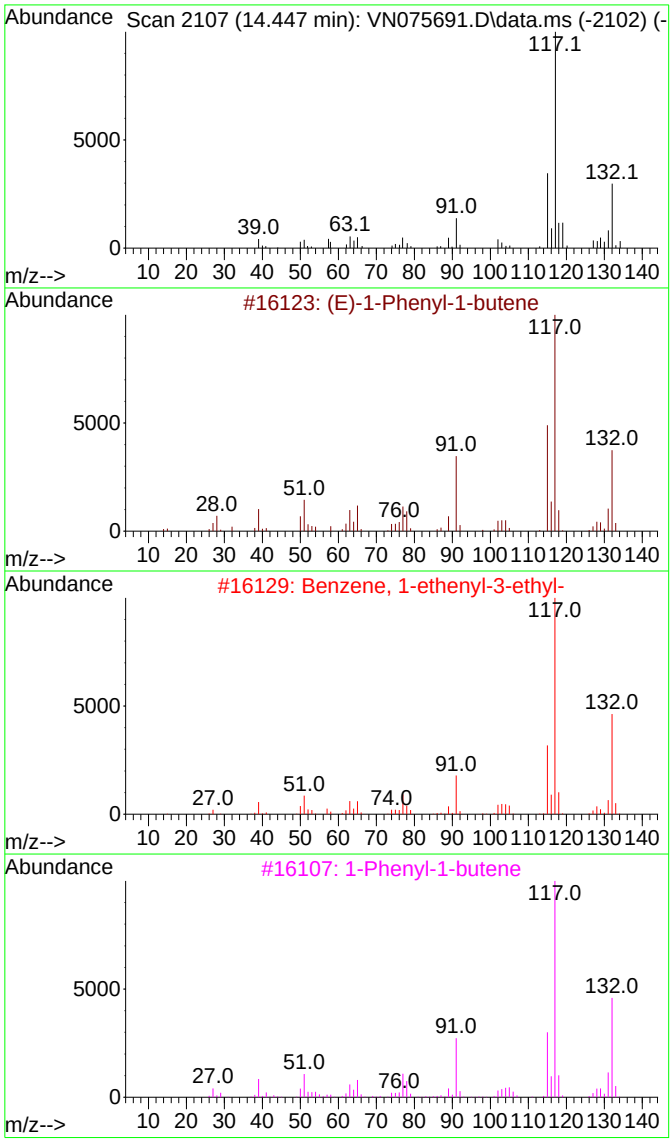
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260

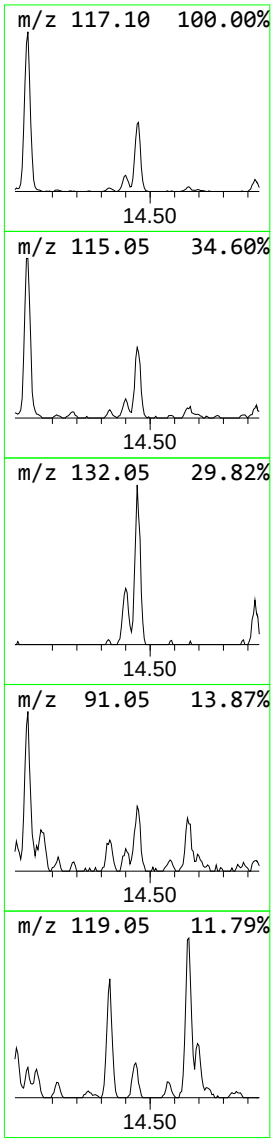
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (E)-1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.447	7.36 ug/l	131079	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	80





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Instrument :
MSVOA_N
ClientSampleId :
MW-10R

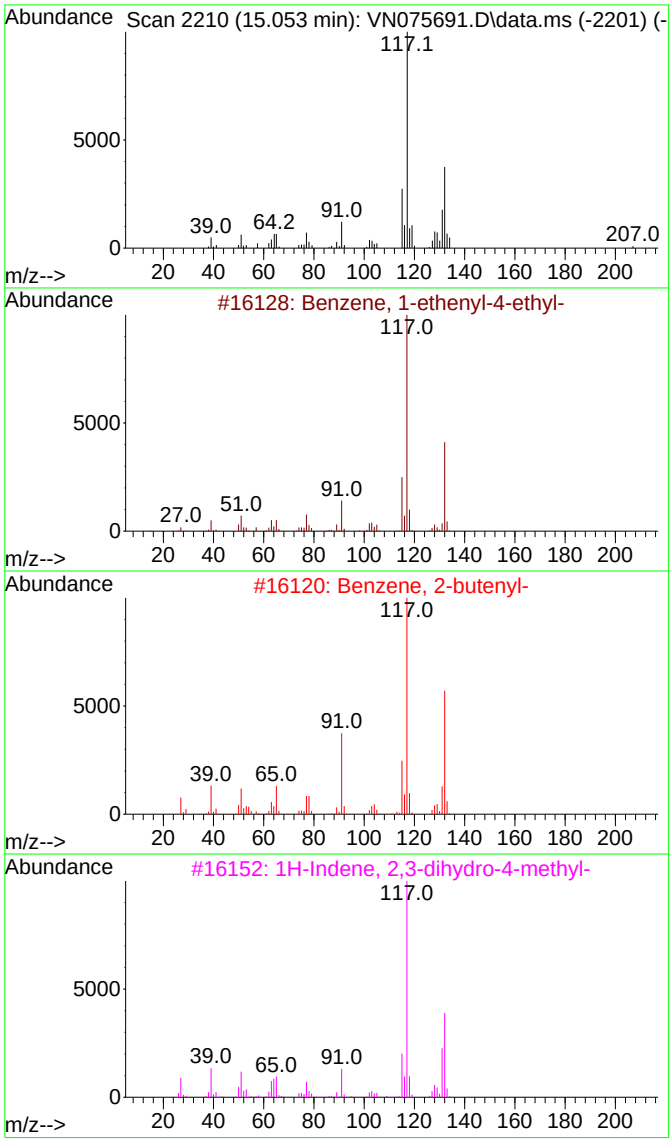
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260

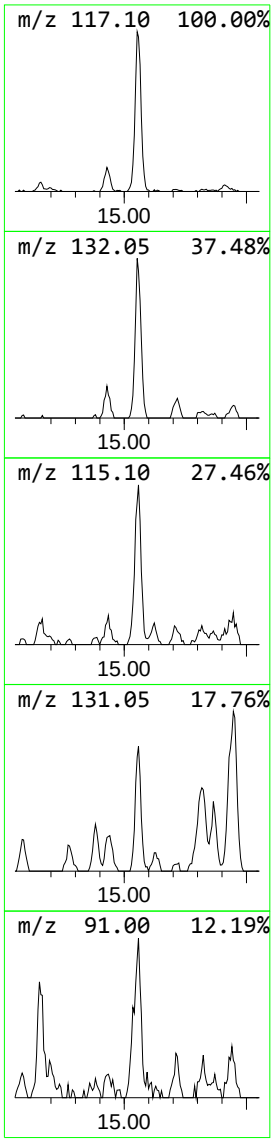
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.053	10.99 ug/l	195664	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.300	7.0	ug/l	83774	1	8.229	601574	50.0
Indane	14.000	17.5	ug/l	310775	4	13.794	890213	50.0
(E)-1-Phenyl-1-...	14.447	7.4	ug/l	131079	4	13.794	890213	50.0
Benzene, 1-ethe...	15.053	11.0	ug/l	195664	4	13.794	890213	50.0