LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
Data File : VN073249.D
Acq On : 29 Jun 2022 17:43
Operator : JC\MD
Sample : N3409-15 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DUP061722

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\82N062822W.M
Title : SW846 8260

Signal : TIC: VN073249.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.951	1021	1031	1036	rBV3	224558	546471	4.53%	1.440%
2	8.016	1036	1042	1051	rVB	443048	989501	8.20%	2.607%
3	8.369	1092	1102	1119	rBV	235561	550090	4.56%	1.449%
4	8.904	1183	1193	1210	rVB	600575	1256549	10.41%	3.310%
5	10.380	1434	1444	1450	rBV	814240	1526900	12.65%	4.022%
6	10.439	1450	1454	1463	rVB	255658	450909	3.74%	1.188%
7	11.680	1655	1665	1675	rBV	889640	1551917	12.86%	4.088%
8	11.780	1675	1682	1692	rVV	1606963	2679866	22.20%	7.059%
9	11.886	1692	1700	1719	rVB	6236862	12069216	100.00%	31.793%
10	12.216	1748	1756	1772	rBV	3541855	6005821	49.76%	15.821%
11	12.516	1797	1807	1814	rBV	118671	200789	1.66%	0.529%
12	12.668	1825	1833	1844	rBV	746504	1262195	10.46%	3.325%
13	12.857	1858	1865	1870	rBV	164795	260177	2.16%	0.685%
14	12.921	1870	1876	1880	rVV	840501	1454060	12.05%	3.830%
15	12.951	1880	1881	1885	rVV	327495	379277	3.14%	0.999%
16	12.998	1885	1889	1901	rVB	378189	604133	5.01%	1.591%
17	13.157	1909	1916	1925	rBV	393025	638723	5.29%	1.683%
18	13.304	1934	1941	1955	rVB	1441291	2258497	18.71%	5.949%
19	13.610	1986	1993	1997	rBV	970646	1776097	14.72%	4.679%
20	13.810	2015	2027	2032	rBV2	313799	645608	5.35%	1.701%
21	14.157	2080	2086	2091	rVB	81030	129480	1.07%	0.341%
22	14.374	2114	2123	2132	rBV2	43497	129980	1.08%	0.342%
23	14.862	2198	2206	2213	rBV3	73407	160325	1.33%	0.422%
24	15.433	2295	2303	2311	rVB	220871	435472	3.61%	1.147%

Sum of corrected areas: 37962053

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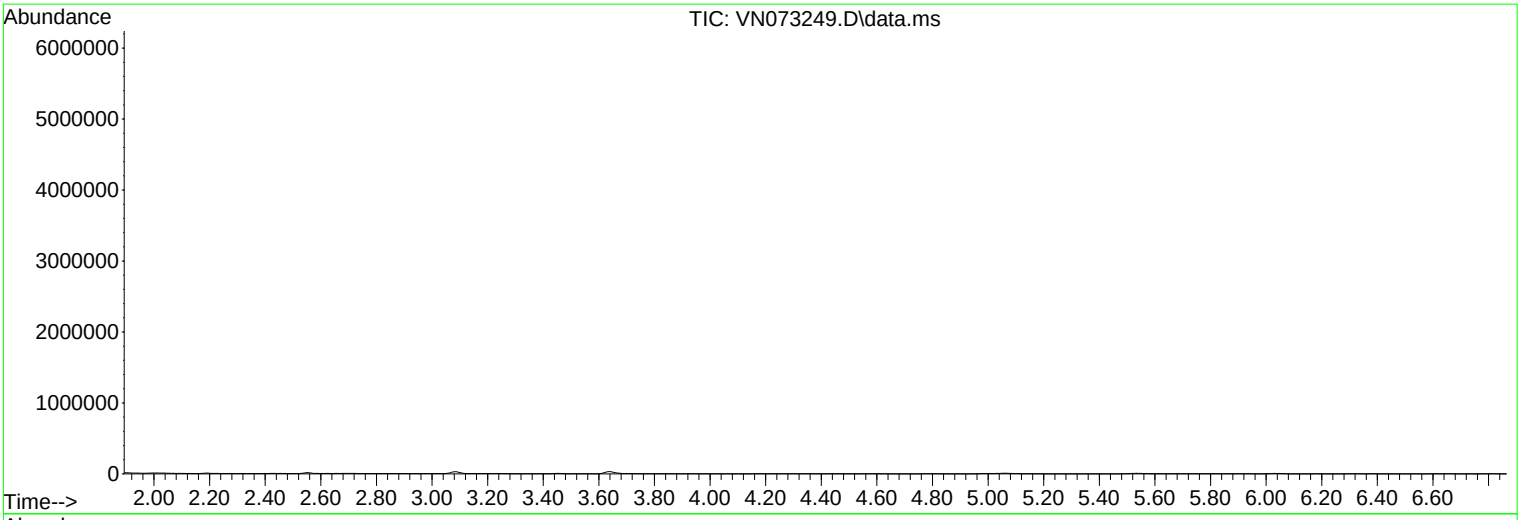
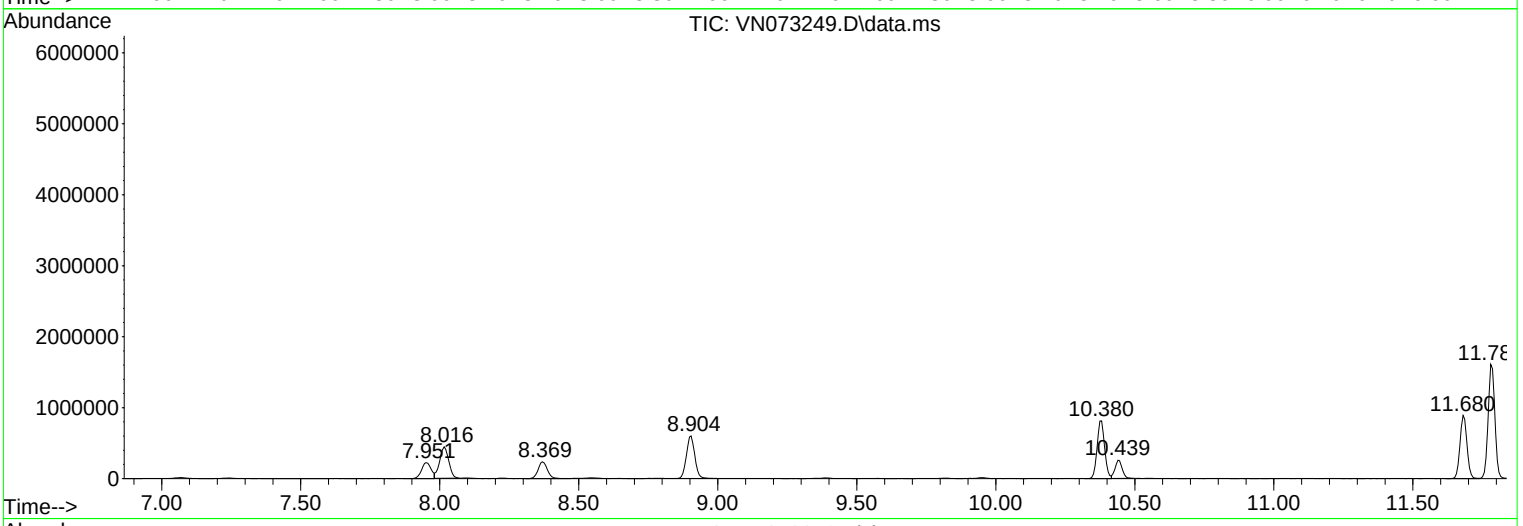
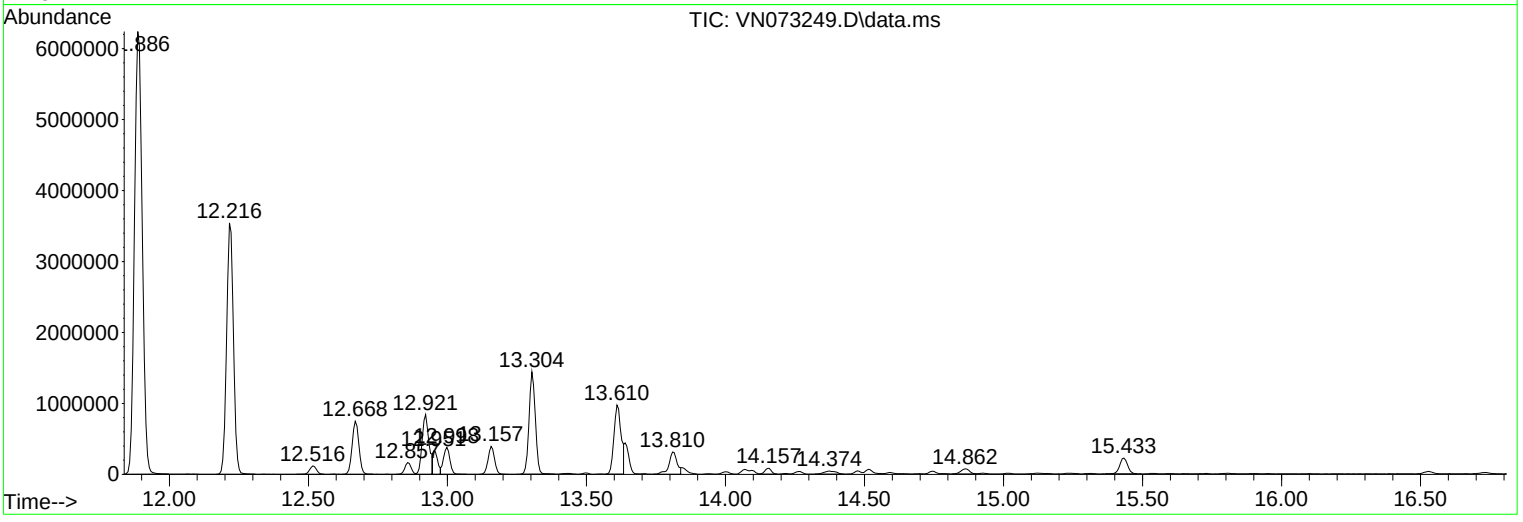
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260

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







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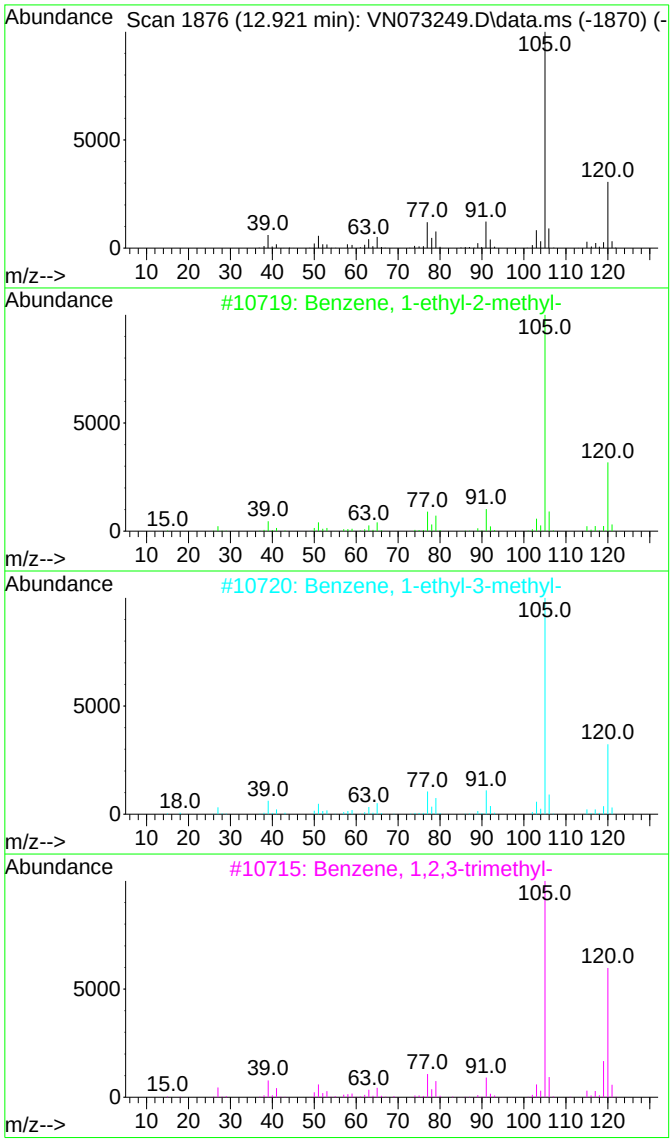
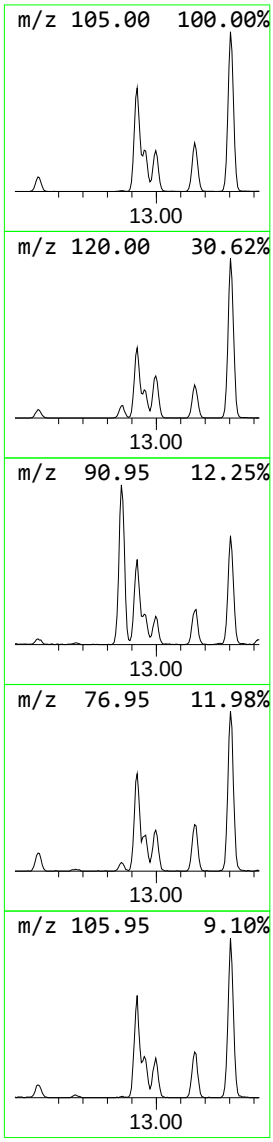
****
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	40.93 ug/l	1454060	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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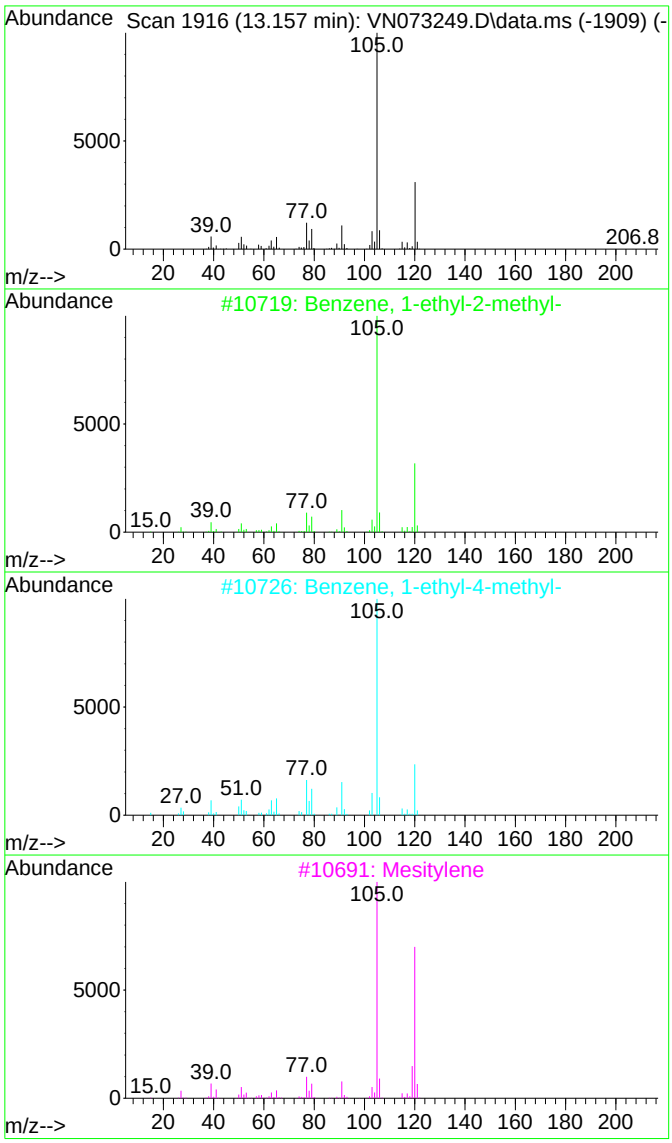
Quant Title : SW846 8260

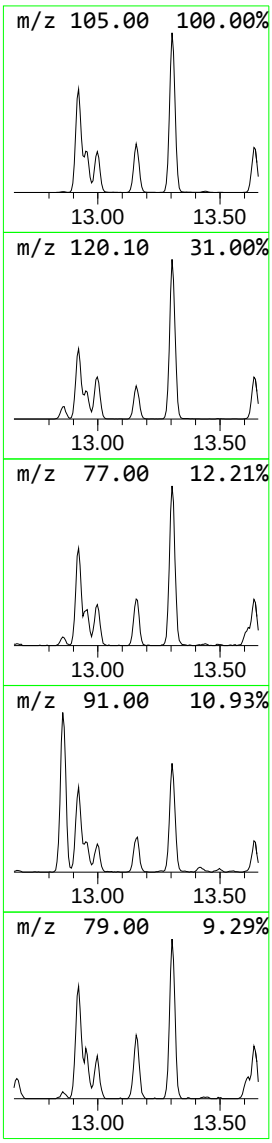
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	17.98 ug/l	638723	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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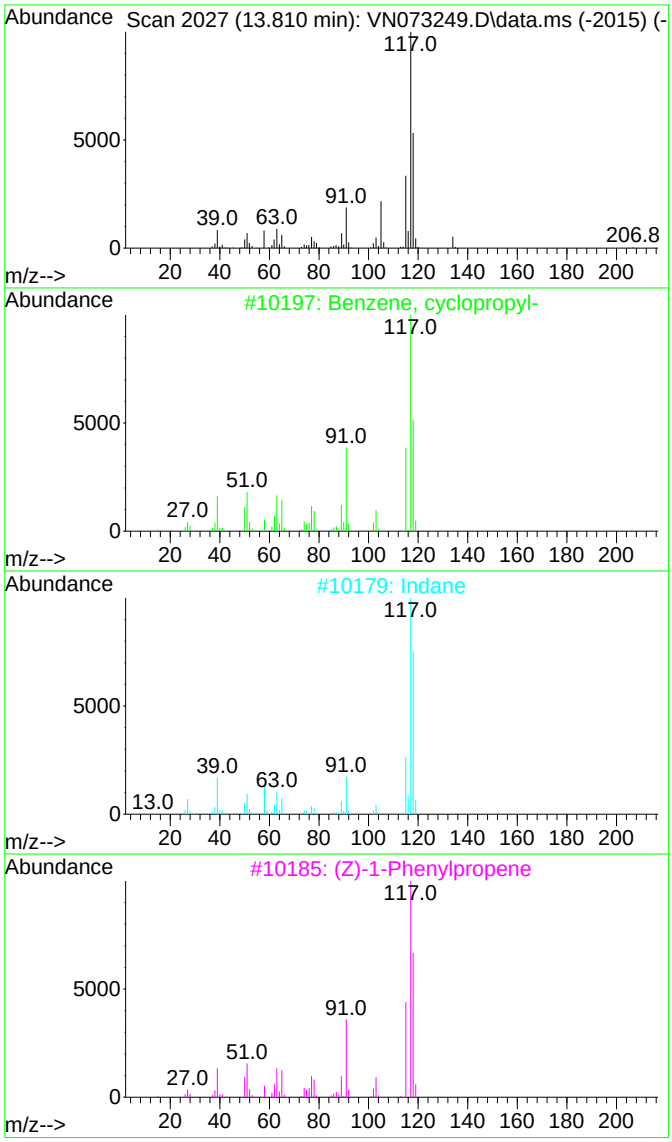
Quant Title : SW846 8260

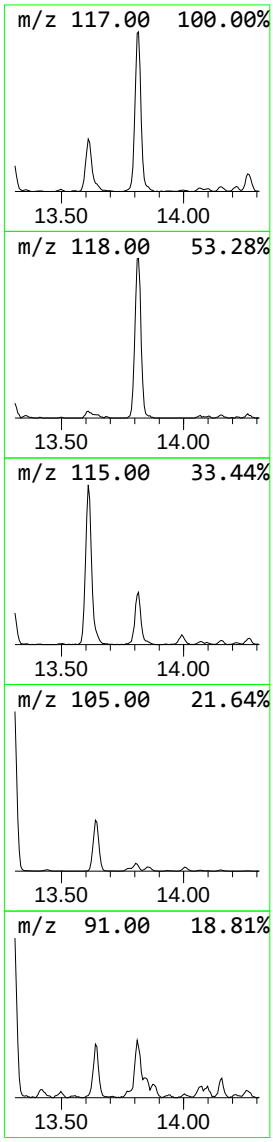
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, cyclopropyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	18.17 ug/l	645608	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2	Indane	118	C9H10	000496-11-7	89
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	76
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	12.921	40.9	ug/l	1454060	4	13.610	1776100	50.0
Benzene, 1-ethy...	13.157	18.0	ug/l	638723	4	13.610	1776100	50.0
Benzene, cyclop...	13.810	18.2	ug/l	645608	4	13.610	1776100	50.0