LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
Data File : VX038731.D
Acq On : 10 Nov 2023 16:11
Operator : JC/MD
Sample : 05331-02 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-08

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_X\Method\82X110723W.M
Title : SW846 8260

Signal : TIC: VX038731.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.385	692	705	721	rBV2	154049	459643	26.45%	3.338%
2	5.556	722	733	748	rVB	233966	684722	39.40%	4.972%
3	5.958	787	799	808	rBV	146797	388807	22.37%	2.823%
4	6.043	809	813	824	rVB3	6955	18184	1.05%	0.132%
5	6.763	921	931	954	rBV	374876	916899	52.75%	6.658%
6	8.647	1234	1240	1249	rBV	779949	1238451	71.25%	8.993%
7	8.720	1249	1252	1260	rVB	17681	31001	1.78%	0.225%
8	10.055	1465	1471	1486	rBV	884738	1214621	69.88%	8.820%
9	10.195	1488	1494	1505	rVV	305583	414366	23.84%	3.009%
10	10.299	1505	1511	1525	rVB	1258455	1738076	100.00%	12.621%
11	10.640	1562	1567	1583	rVB	747862	950797	54.70%	6.904%
12	10.963	1614	1620	1627	rBV	22232	28371	1.63%	0.206%
13	11.079	1634	1639	1655	rBV	802701	1043044	60.01%	7.574%
14	11.305	1671	1676	1683	rBV	42519	55791	3.21%	0.405%
15	11.378	1683	1688	1696	rVV	309575	578819	33.30%	4.203%
16	11.451	1696	1700	1709	rVB	167670	206194	11.86%	1.497%
17	11.610	1721	1726	1736	rVB	160150	211200	12.15%	1.534%
18	11.750	1744	1749	1757	rBV	663189	828059	47.64%	6.013%
19	12.024	1788	1794	1800	rBV	1099026	1433128	82.45%	10.406%
20	12.085	1800	1804	1810	rVB	208734	253378	14.58%	1.840%
21	12.244	1824	1830	1838	rBV2	196483	279810	16.10%	2.032%
22	12.317	1838	1842	1853	rVB2	47829	70021	4.03%	0.508%
23	12.414	1853	1858	1862	rBV	27255	35925	2.07%	0.261%
24	12.530	1873	1877	1879	rBV	30734	37971	2.18%	0.276%
25	12.555	1879	1881	1886	rVB	26399	28417	1.63%	0.206%
26	12.615	1886	1891	1894	rBV	45817	58342	3.36%	0.424%
27	12.701	1900	1905	1912	rBV2	33466	47649	2.74%	0.346%
28	12.920	1934	1941	1944	rBV	26771	32104	1.85%	0.233%
29	12.963	1944	1948	1955	rVB	38035	47726	2.75%	0.347%
30	13.170	1977	1982	1987	rVB	34071	41914	2.41%	0.304%
31	13.292	1997	2002	2007	rVB2	69622	90306	5.20%	0.656%
32	13.426	2019	2024	2031	rVB	14506	19726	1.13%	0.143%
33	13.774	2076	2081	2092	rBV	180304	229032	13.18%	1.663%
34	14.639	2218	2223	2233	rVB	28509	37605	2.16%	0.273%
35	14.780	2241	2246	2252	rBV2	15858	21734	1.25%	0.158%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Title : SW846 8260

Sum of corrected areas: 13771833

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ClientSampleId :
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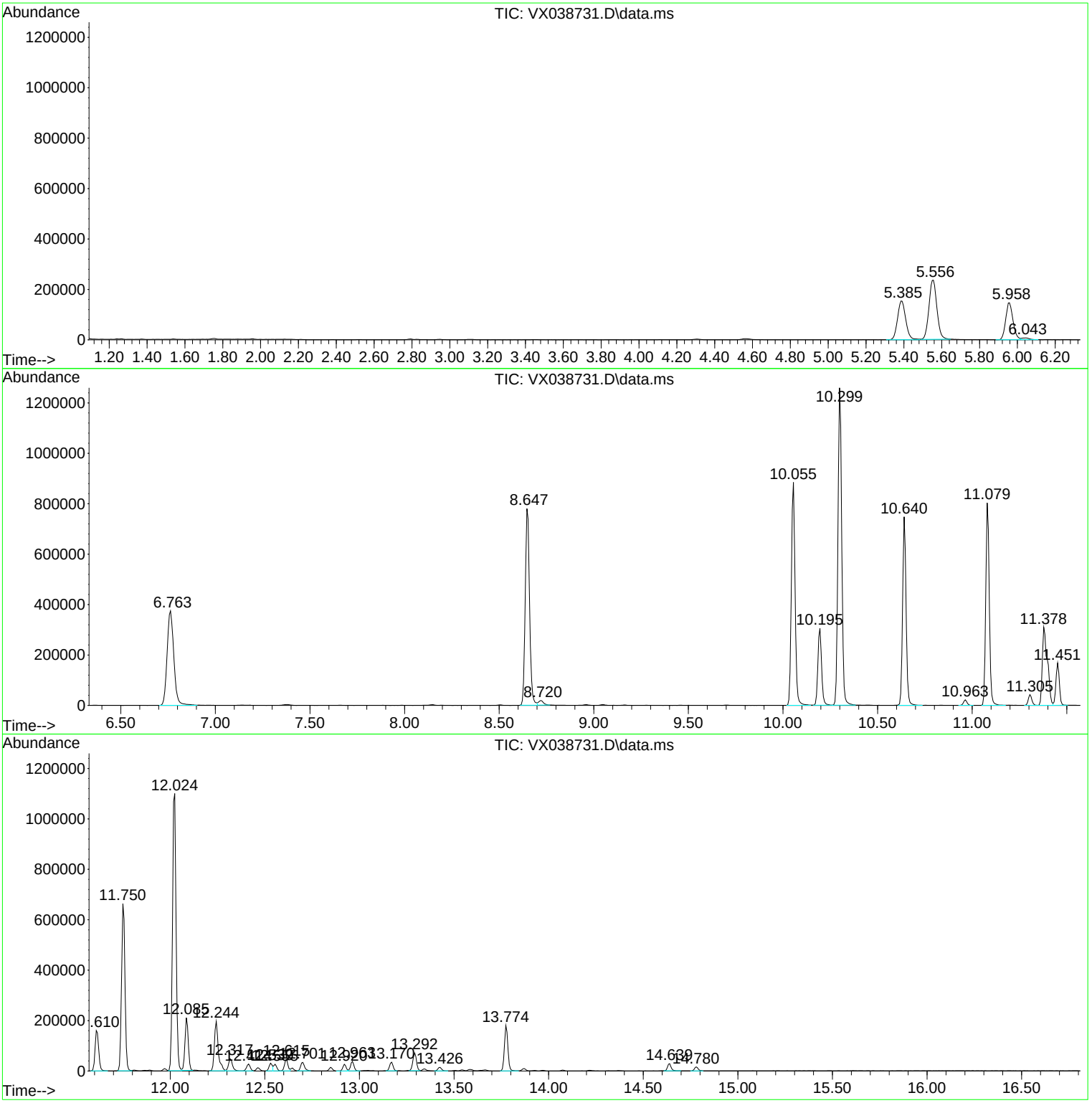
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260

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



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Data File : VX038731.D
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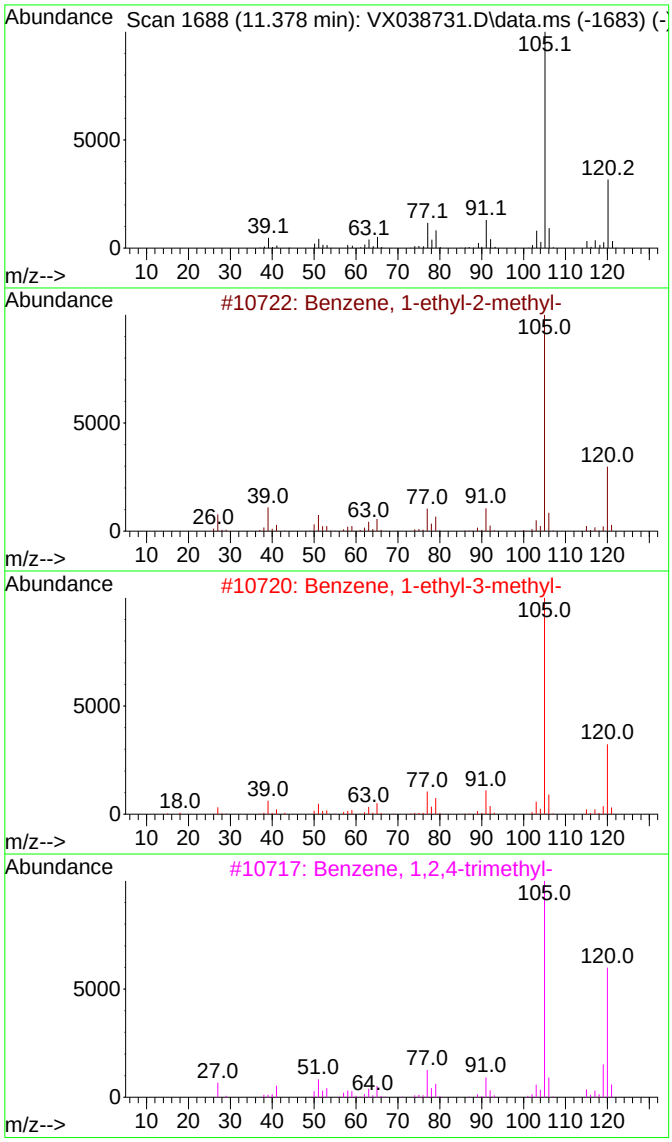
Quant Title : SW846 8260

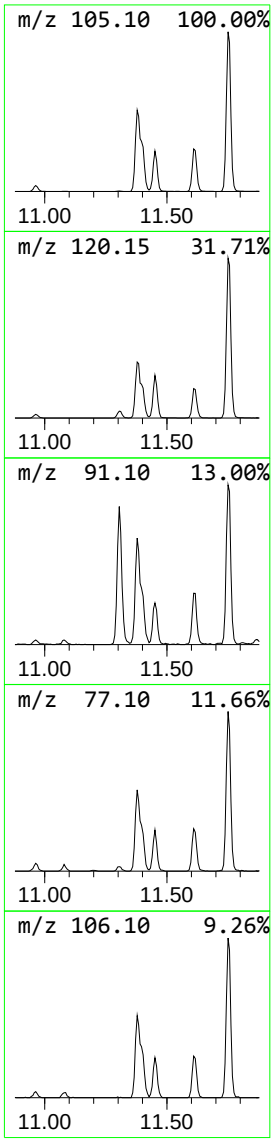
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	20.19 ug/l	578819	1,4-Dichlorobenzene-d4	12.024

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	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Instrument :
MSVOA_X
ClientSampleId :
MW-08

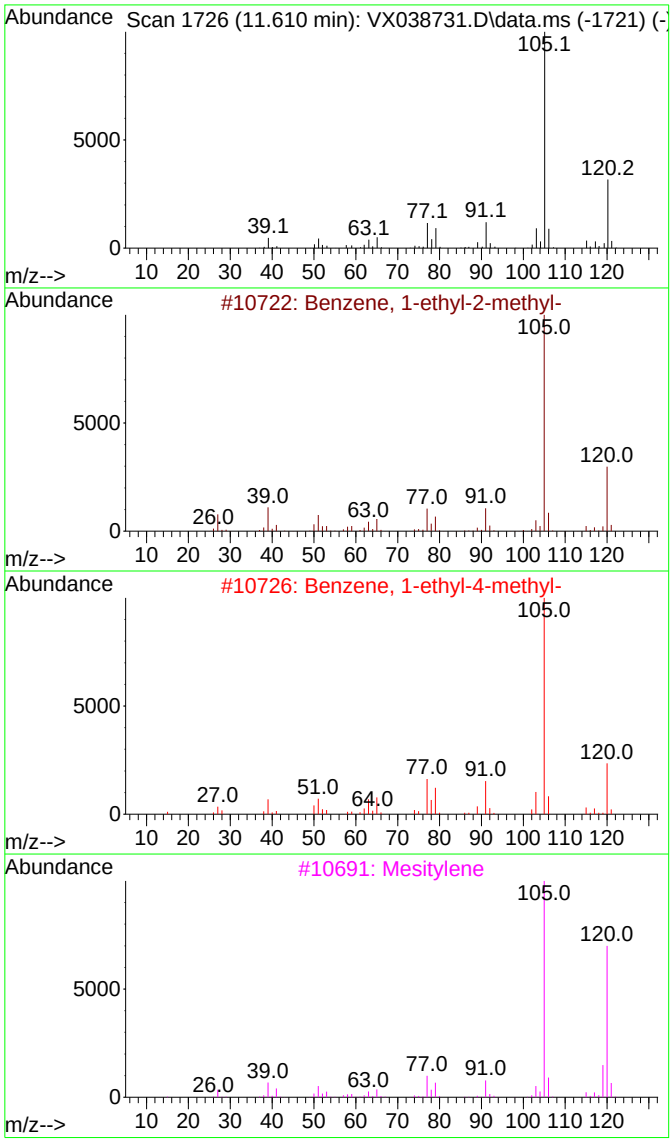
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260

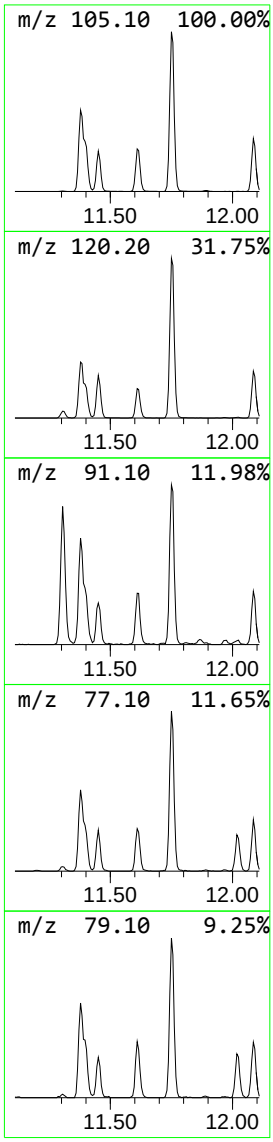
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	7.37 ug/l	211200	1,4-Dichlorobenzene-d4	12.024

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-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
Data File : VX038731.D
Acq On : 10 Nov 2023 16:11
Operator : JC/MD
Sample : 05331-02 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-08

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260

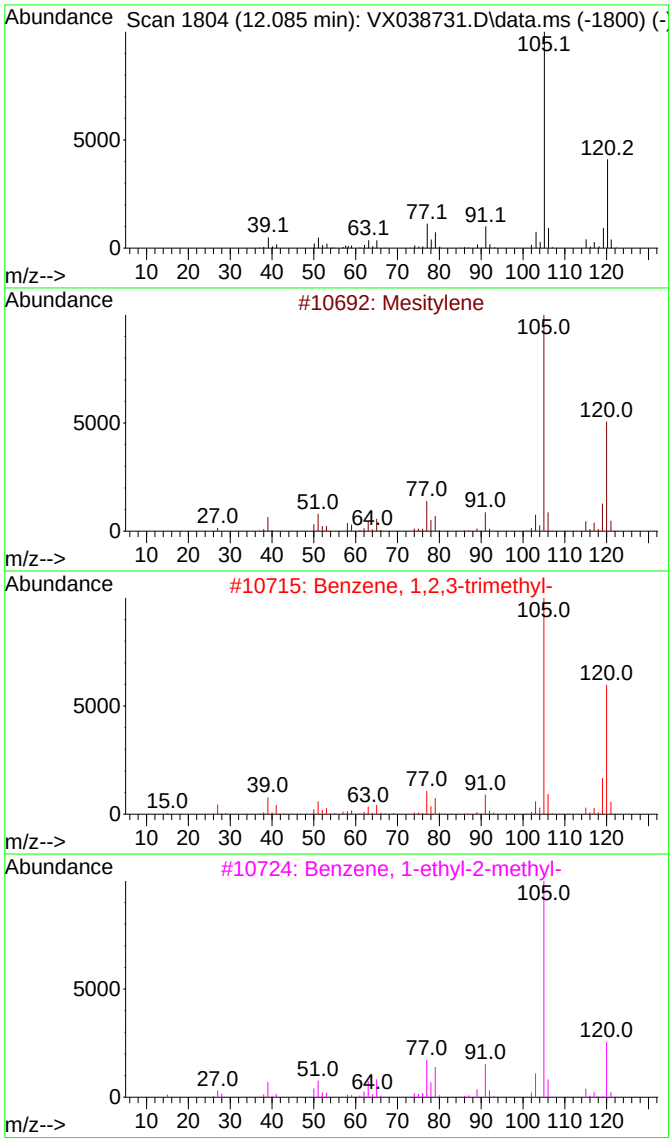
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

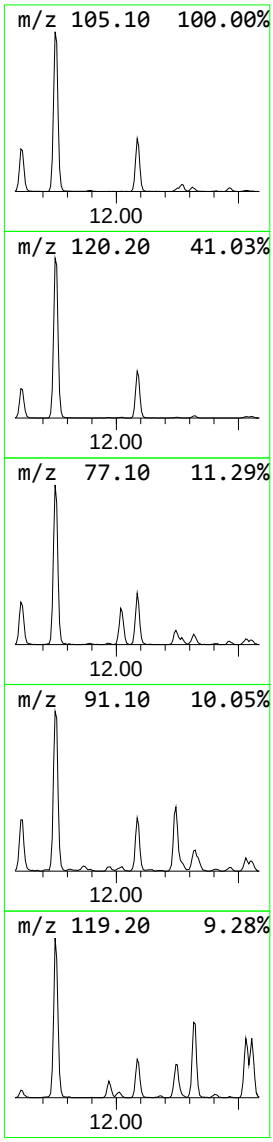
****

Peak Number 3 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	8.84 ug/l	253378	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Instrument :
MSVOA_X
ClientSampleId :
MW-08

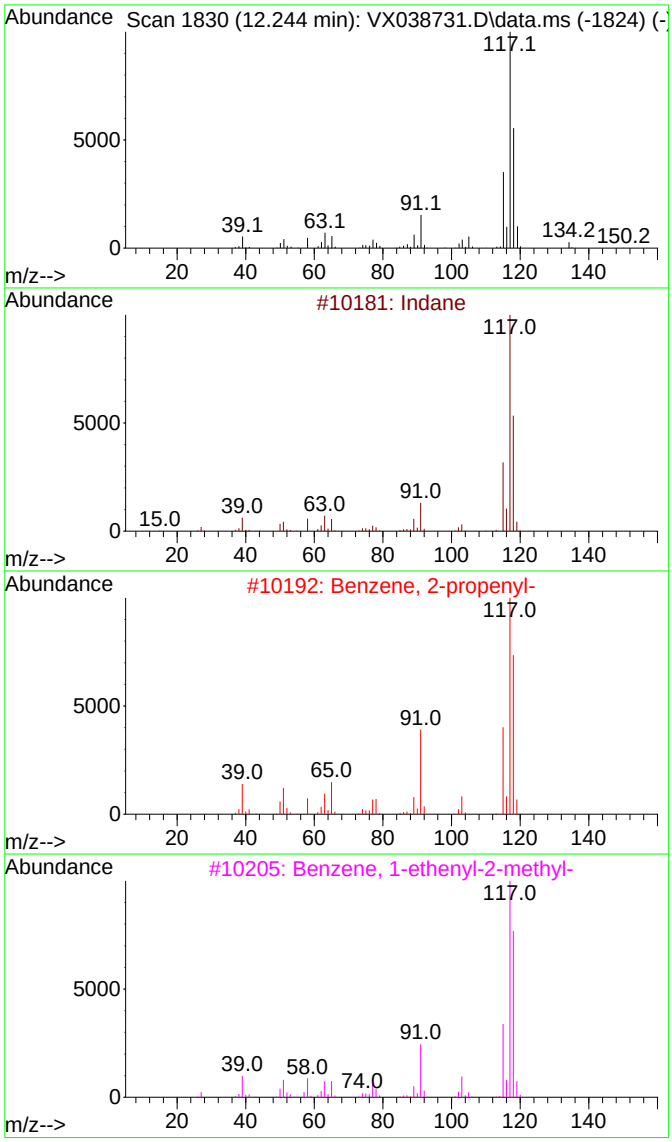
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260

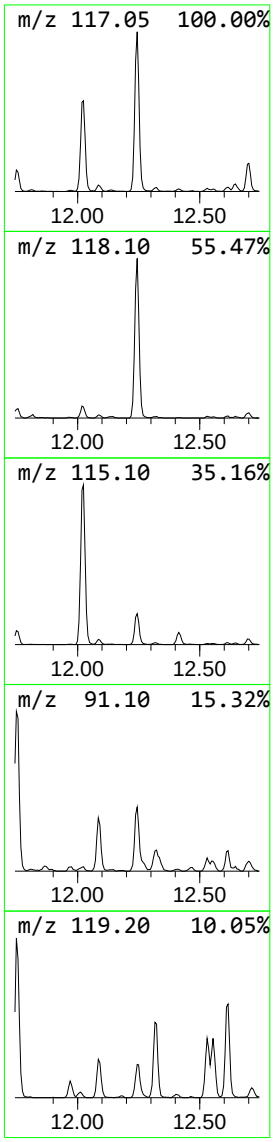
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	9.76 ug/l	279810	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
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...	11.378	20.2	ug/l	578819	4	12.024	1433130	50.0
Benzene, 1-ethy...	11.610	7.4	ug/l	211200	4	12.024	1433130	50.0
Mesitylene	12.085	8.8	ug/l	253378	4	12.024	1433130	50.0
Indane	12.244	9.8	ug/l	279810	4	12.024	1433130	50.0