LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
Data File : VX047496.D
Acq On : 22 Aug 2025 14:40
Operator : JC/MD
Sample : Q2903-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18A-081925

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\82X081525W.M
Title : SW846 8260

Signal : TIC: VX047496.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.270	24	30	67	rBV	975172	3315657	45.09%	12.848%
2	5.397	695	707	725	rBV3	130847	437598	5.95%	1.696%
3	5.562	725	734	753	rVB	198378	611061	8.31%	2.368%
4	5.964	790	800	807	rBV	143812	402481	5.47%	1.560%
5	6.050	807	814	832	rVB	239150	692336	9.41%	2.683%
6	6.769	923	932	955	rBV	374413	964147	13.11%	3.736%
7	8.653	1234	1241	1247	rBV	735381	1210797	16.47%	4.692%
8	8.720	1247	1252	1261	rVB	141705	236219	3.21%	0.915%
9	10.055	1465	1471	1486	rBV	888574	1249614	16.99%	4.842%
10	10.195	1488	1494	1503	rVV	323953	438970	5.97%	1.701%
11	10.299	1505	1511	1522	rVV	446988	618857	8.42%	2.398%
12	10.640	1562	1567	1583	rVB	382010	544177	7.40%	2.109%
13	11.079	1633	1639	1650	rBV	724838	922931	12.55%	3.576%
14	11.378	1683	1688	1696	rVV	170175	350939	4.77%	1.360%
15	11.451	1696	1700	1713	rVB	223956	280448	3.81%	1.087%
16	11.610	1721	1726	1735	rBV	127203	192735	2.62%	0.747%
17	11.750	1739	1749	1754	rBV	715356	867842	11.80%	3.363%
18	11.805	1754	1758	1762	rBV	133813	155943	2.12%	0.604%
19	12.018	1788	1793	1800	rBV	1082121	1345182	18.29%	5.213%
20	12.085	1800	1804	1808	rVB	229994	271047	3.69%	1.050%
21	12.238	1822	1829	1838	rBV	431081	587886	7.99%	2.278%
22	12.408	1852	1857	1862	rBV	201457	257916	3.51%	0.999%
23	12.609	1884	1890	1893	rBV	60565	74488	1.01%	0.289%
24	12.695	1900	1904	1910	rBV2	75648	103324	1.41%	0.400%
25	12.908	1932	1939	1944	rBV4	57827	127801	1.74%	0.495%
26	12.963	1944	1948	1955	rVB2	66332	93209	1.27%	0.361%
27	13.164	1977	1981	1991	rVB	61528	84437	1.15%	0.327%
28	13.286	1997	2001	2006	rBV2	182122	248512	3.38%	0.963%
29	13.420	2018	2023	2029	rVB2	73609	100849	1.37%	0.391%
30	13.774	2075	2081	2090	rBV	5768241	7353716	100.00%	28.496%
31	13.865	2090	2096	2102	rVB	118116	155297	2.11%	0.602%
32	14.633	2218	2222	2232	rVB	575407	704161	9.58%	2.729%
33	14.774	2240	2245	2254	rBV	570316	727895	9.90%	2.821%
34	15.609	2374	2382	2386	rBV	45250	78066	1.06%	0.303%

Sum of corrected areas: 25806538

Instrument :
MSVOA_X
ClientSampleId :
MW-18A-081925

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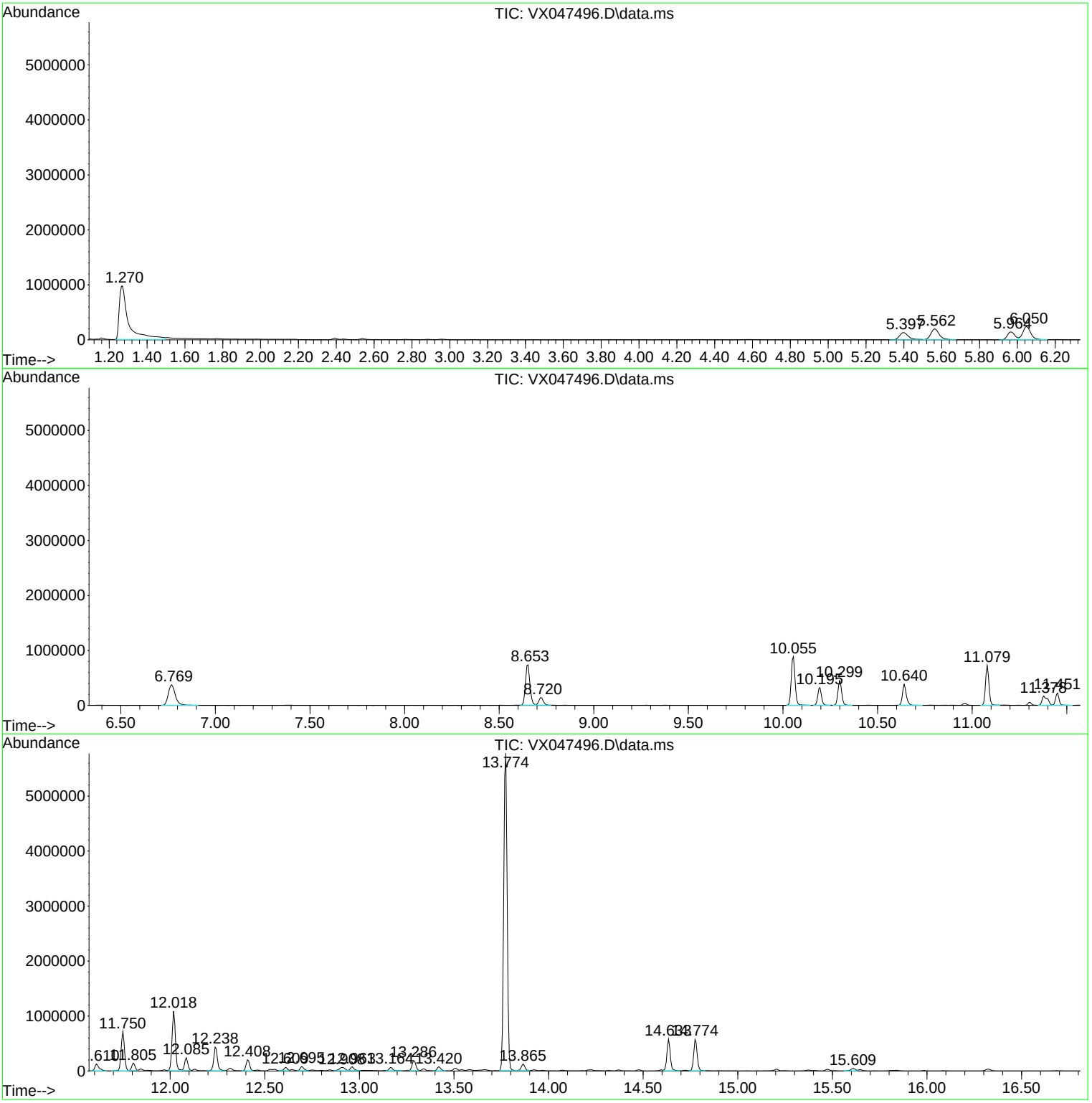
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18A-081925

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

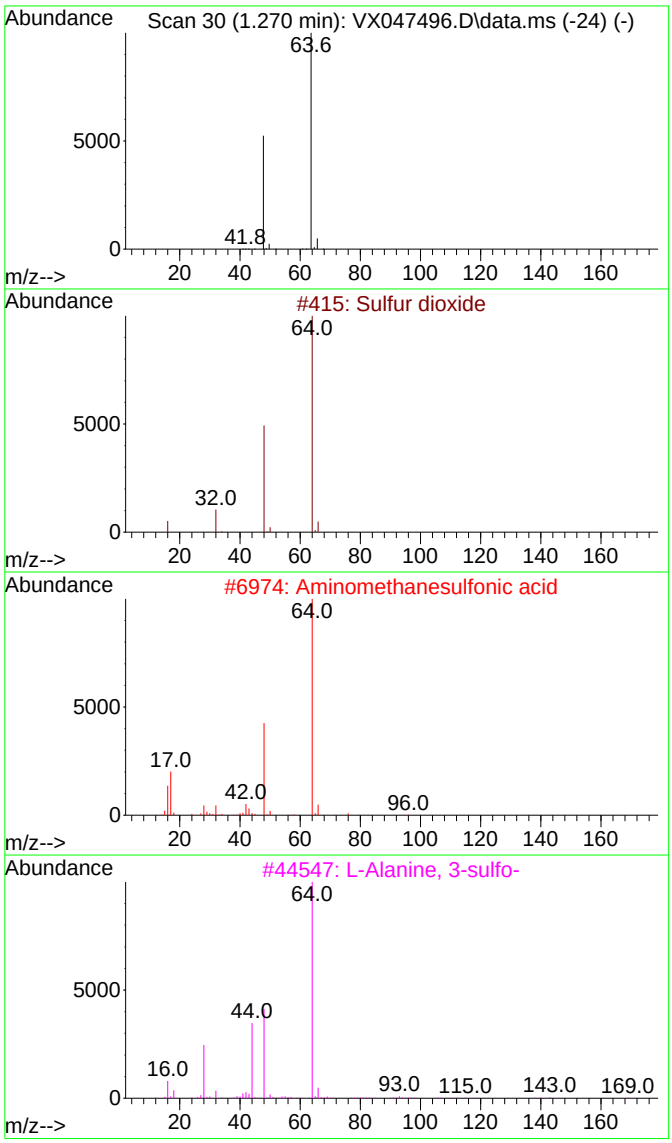
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

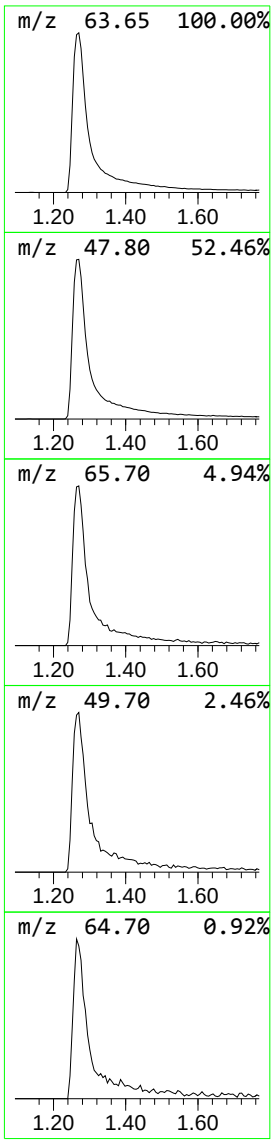
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.270	271.30 ug/l	3315660	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
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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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18A-081925

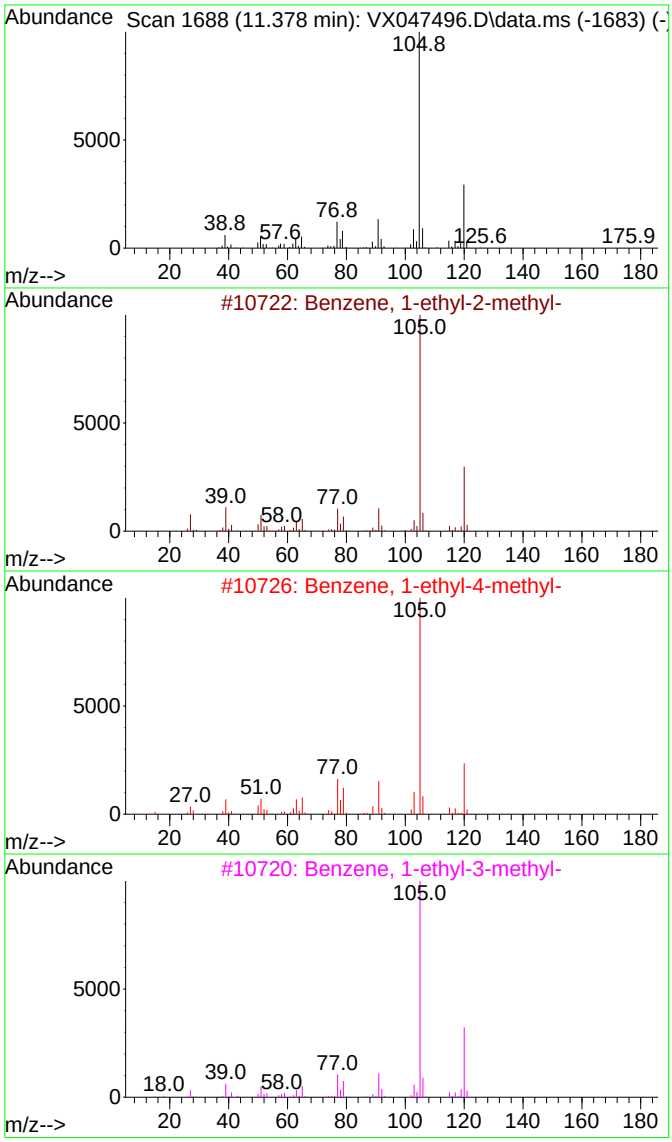
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

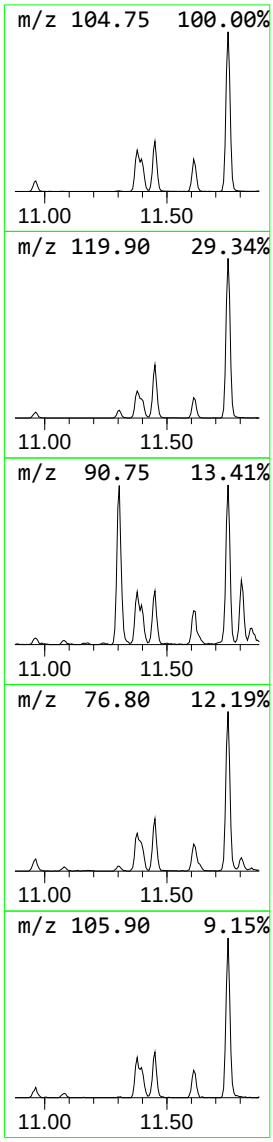
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	13.04 ug/l	350939	1,4-Dichlorobenzene-d4	12.018

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	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VX047496.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18A-081925

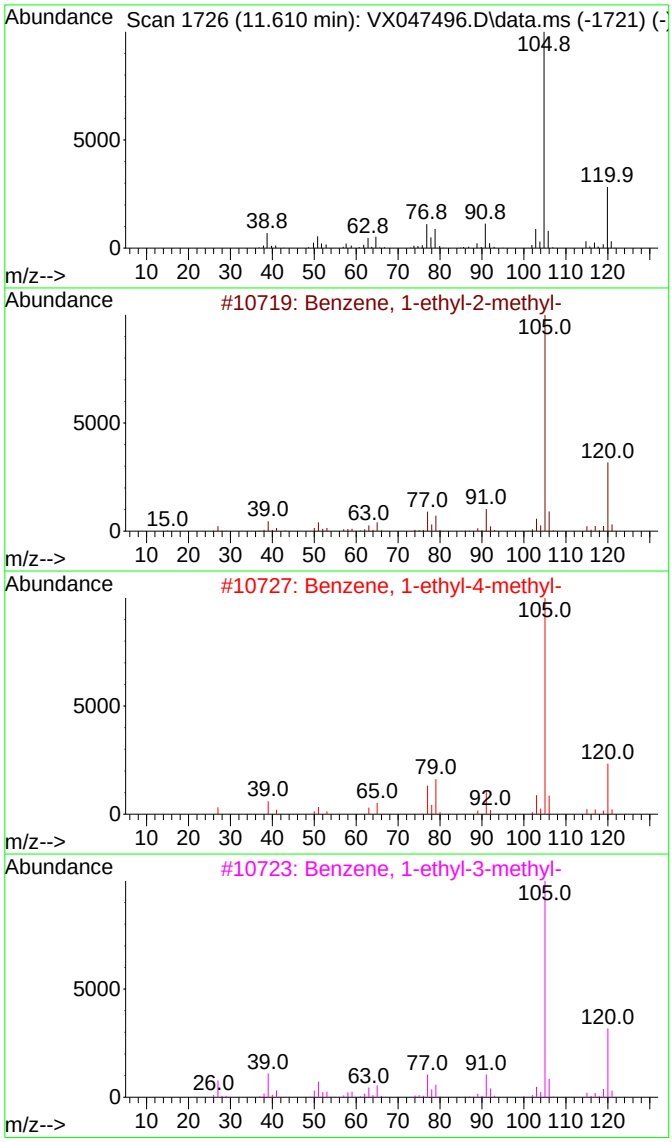
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

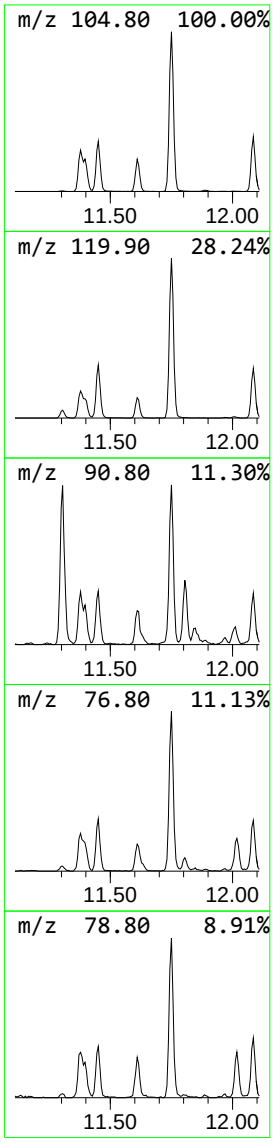
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	7.16 ug/l	192735	1,4-Dichlorobenzene-d4	12.018

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	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Mesitylene	120	C9H12	000108-67-8	90





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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18A-081925

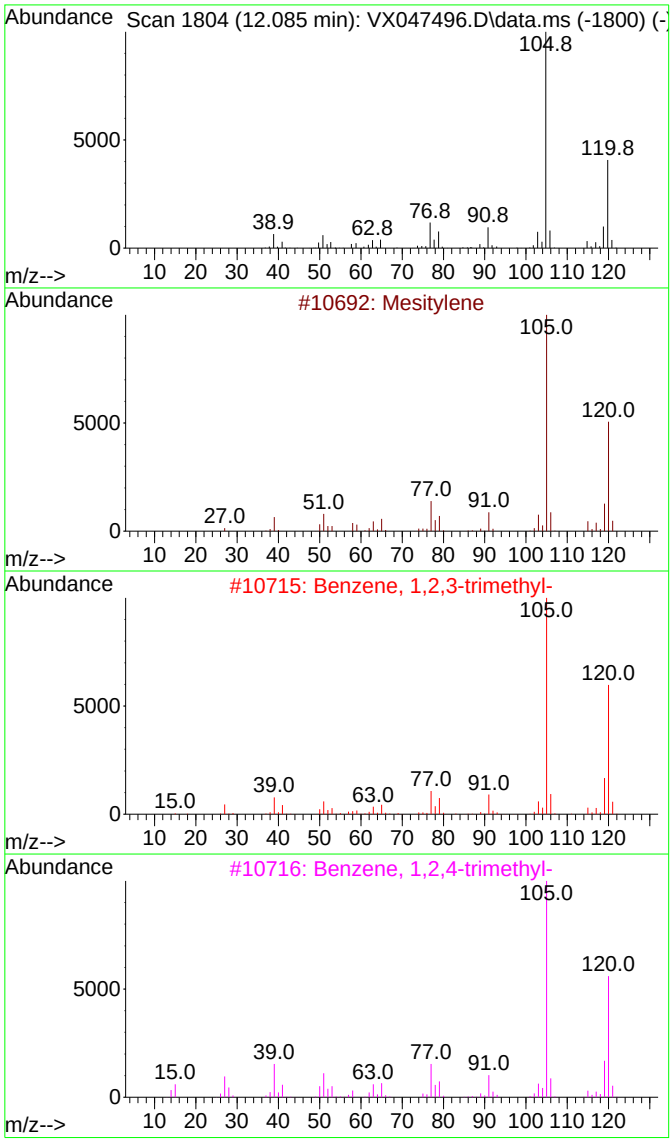
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

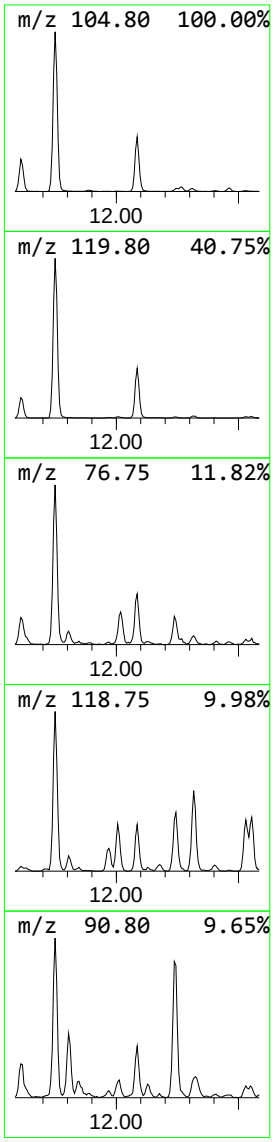
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	10.07 ug/l	271047	1,4-Dichlorobenzene-d4	12.018

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : VX047496.D
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Sample : Q2903-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18A-081925

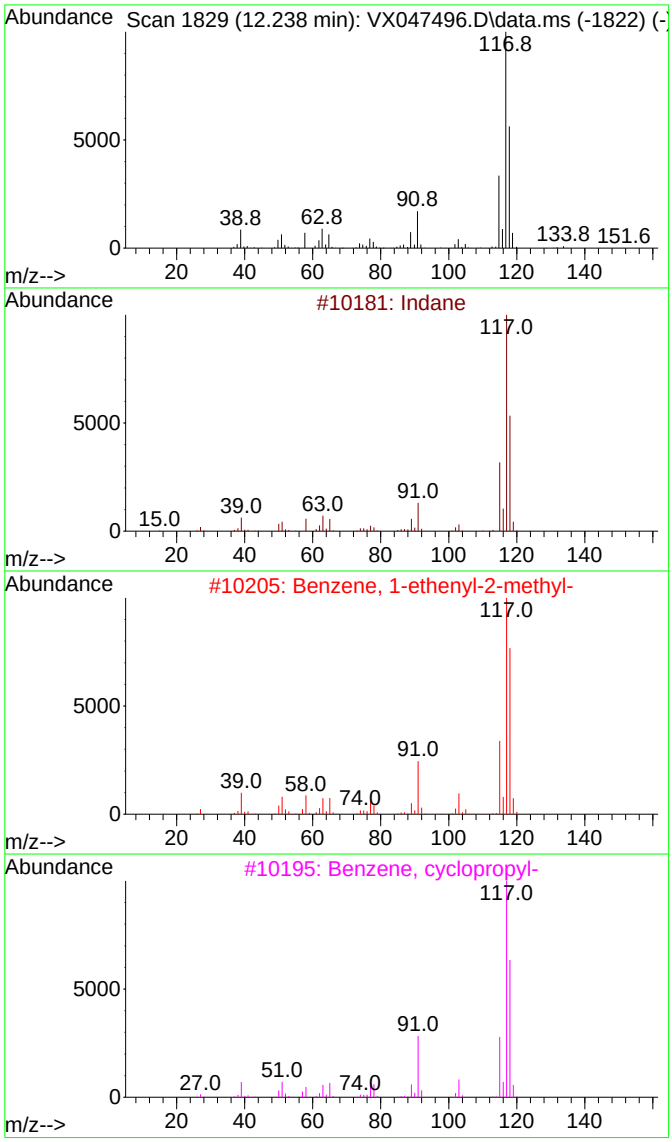
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

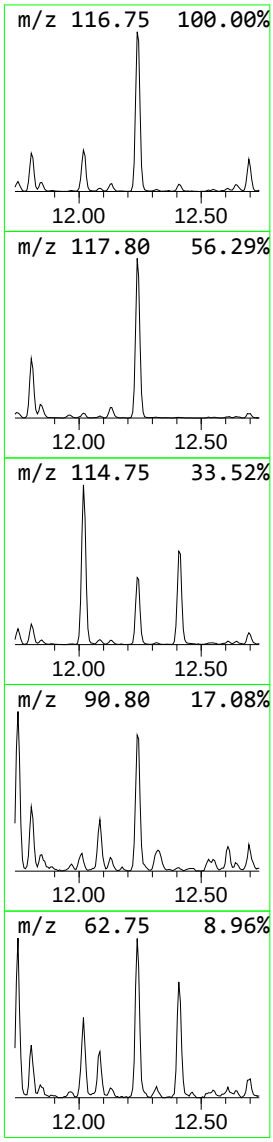
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.238	21.85 ug/l	587886	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





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Quant Title : SW846 8260

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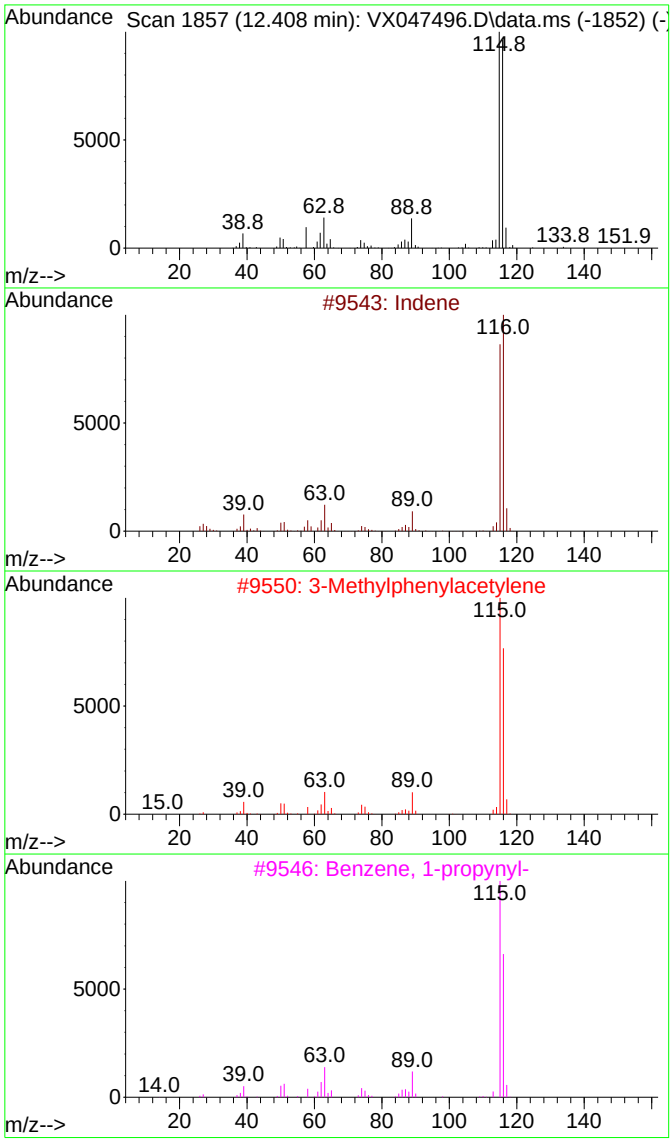
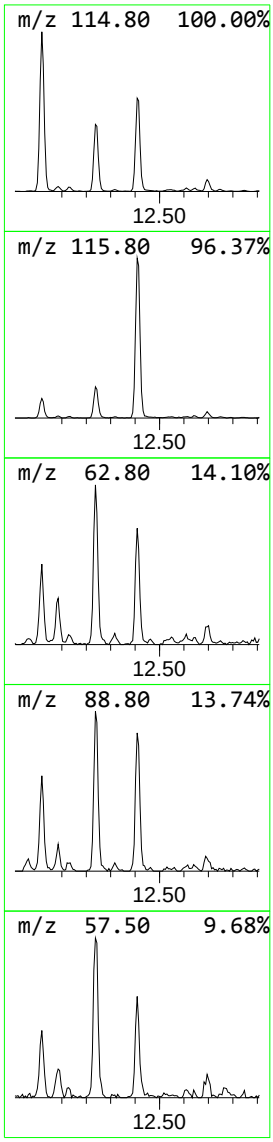
****

Peak Number 6 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.408	9.59 ug/l	257916	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	87





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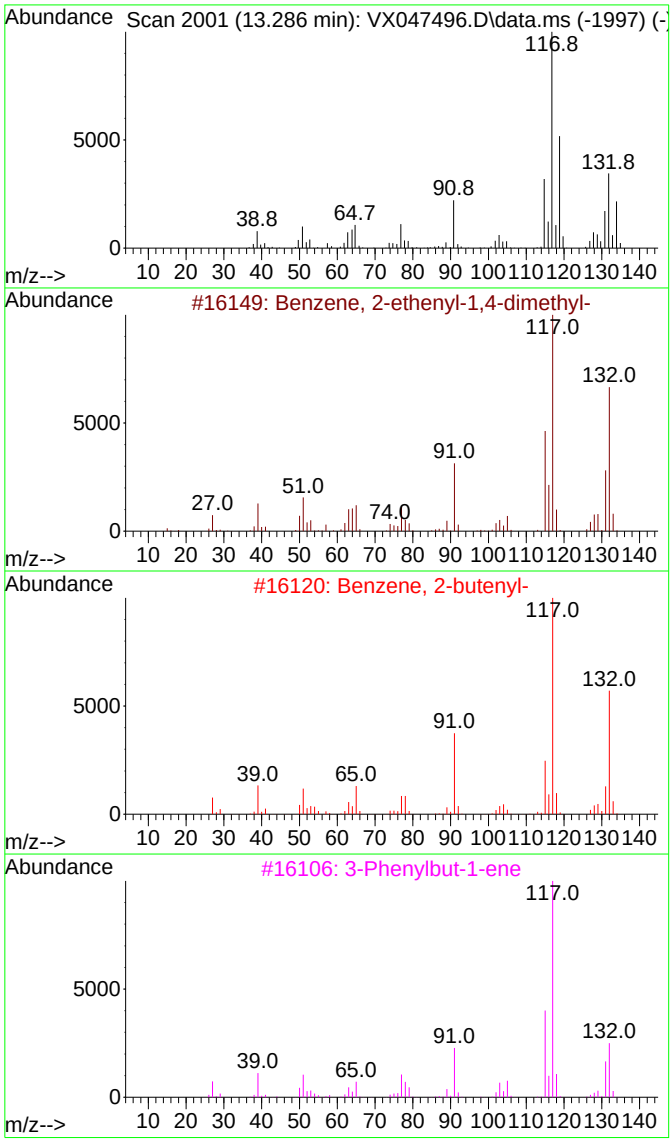
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

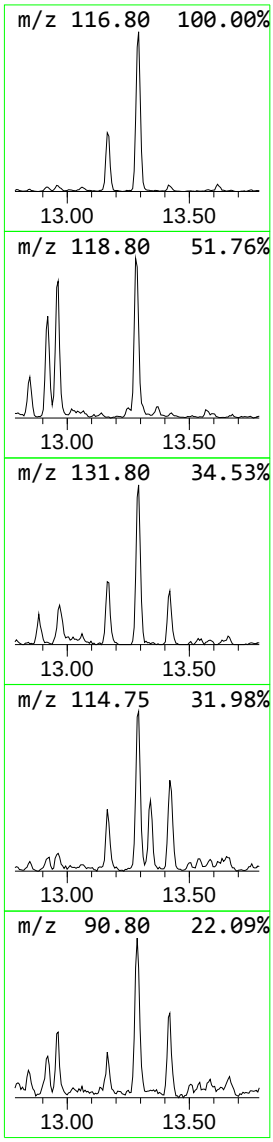
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	9.24 ug/l	248512	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.270	271.3	ug/l	3315660	1	5.562	611061	50.0
Benzene, 1-ethy...	11.378	13.0	ug/l	350939	4	12.018	1345180	50.0
Benzene, 1-ethy...	11.610	7.2	ug/l	192735	4	12.018	1345180	50.0
Benzene, 1,2,3-...	12.085	10.1	ug/l	271047	4	12.018	1345180	50.0
Indane	12.238	21.9	ug/l	587886	4	12.018	1345180	50.0
Indene	12.408	9.6	ug/l	257916	4	12.018	1345180	50.0
Benzene, 2-ethe...	13.286	9.2	ug/l	248512	4	12.018	1345180	50.0