LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
Data File : VX003753.D
Acq On : 31 Jul 2018 16:34
Operator : JC/SP
Sample : J4121-04
Misc : 13.19G/5.0mL/MSVOA X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-8(10-12)

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\82X073018S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.069	71	79	93	rBV	1105254	1313079	100.00%	28.976%
2	1.166	93	95	103	rVB2	13899	18810	1.43%	0.415%
3	1.398	119	133	137	rBV5	10672	38142	2.90%	0.842%
4	2.447	299	305	318	rVB	23104	41756	3.18%	0.921%
5	2.855	367	372	382	rVB	8844	18201	1.39%	0.402%
6	3.020	390	399	413	rVB2	9280	25484	1.94%	0.562%
7	4.739	668	681	697	rBV3	14495	52459	4.00%	1.158%
8	5.501	794	806	817	rBV	61379	174787	13.31%	3.857%
9	5.665	822	833	848	rVB	96854	269356	20.51%	5.944%
10	6.068	888	899	907	rBV	65682	166861	12.71%	3.682%
11	6.141	907	911	923	rVB2	10414	26339	2.01%	0.581%
12	6.860	1019	1029	1043	rBV	159592	361592	27.54%	7.979%
13	8.720	1327	1334	1341	rVB	311942	485508	36.97%	10.714%
14	9.336	1428	1435	1440	rBV	7069	14879	1.13%	0.328%
15	10.116	1557	1563	1576	rBV	316482	419601	31.96%	9.259%
16	11.140	1725	1731	1737	rBV	255651	310783	23.67%	6.858%
17	11.366	1764	1768	1775	rBV2	7939	14346	1.09%	0.317%
18	11.670	1811	1818	1826	rBV	68350	87049	6.63%	1.921%
19	12.079	1880	1885	1891	rBV	306617	374667	28.53%	8.268%
20	12.298	1913	1921	1929	rBV	122813	158349	12.06%	3.494%
21	12.378	1929	1934	1940	rBV2	12484	19561	1.49%	0.432%
22	12.469	1943	1949	1954	rBV3	10013	15375	1.17%	0.339%
23	12.670	1978	1982	1987	rVB	15615	18529	1.41%	0.409%
24	12.756	1987	1996	2003	rBV	14981	25094	1.91%	0.554%
25	13.323	2082	2089	2091	rBV2	10826	16267	1.24%	0.359%
26	13.353	2091	2094	2099	rVB2	33772	43531	3.32%	0.961%
27	13.481	2108	2115	2125	rBV2	9818	21203	1.61%	0.468%

Sum of corrected areas: 4531608

LSC Report - Integrated Chromatogram

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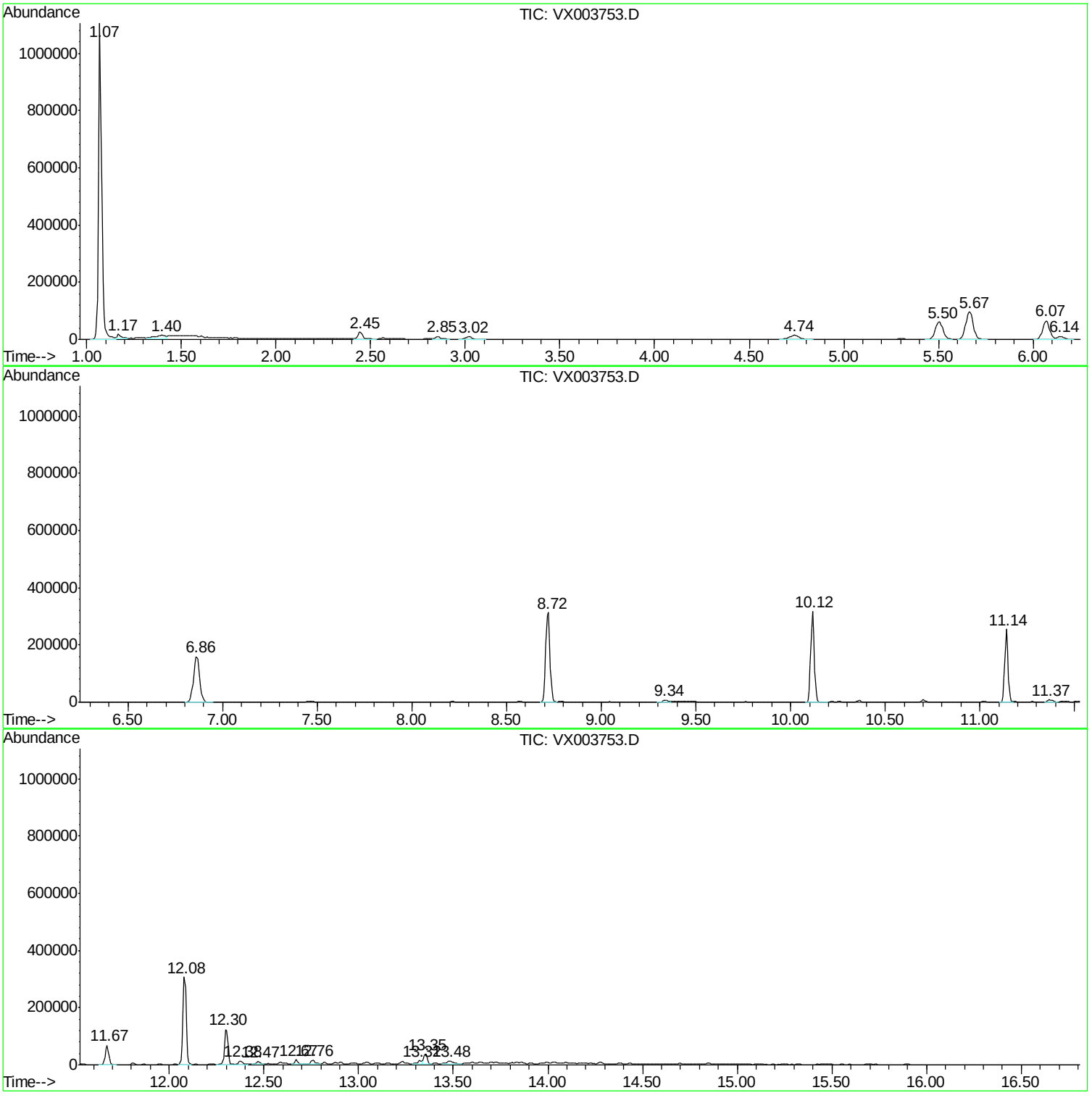
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-8(10-12)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-8(10-12)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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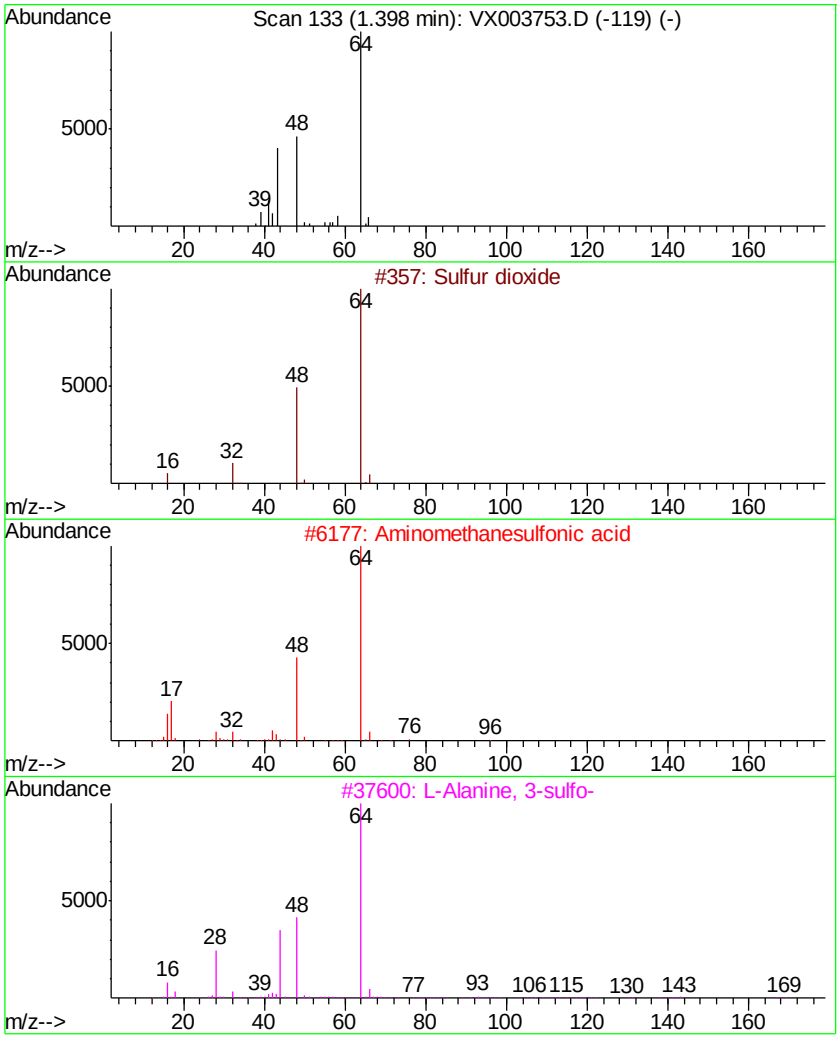
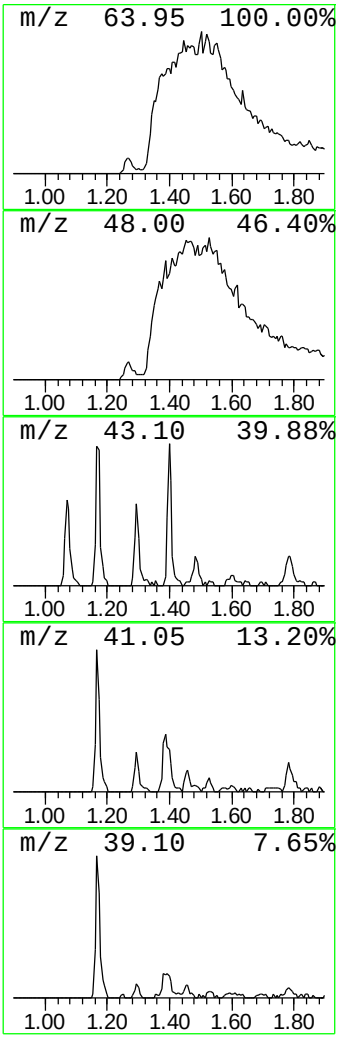
Peak Number 2 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.40	7.08 ug/l	38142	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	86
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	5
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-8(10-12)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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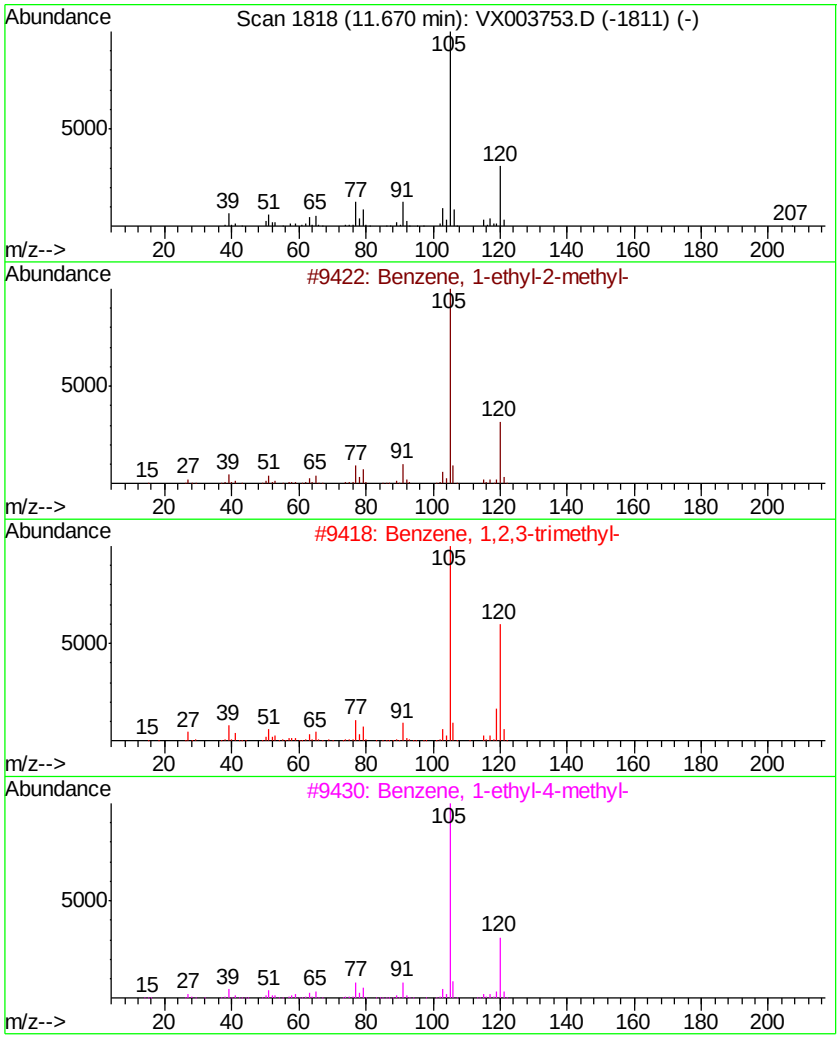
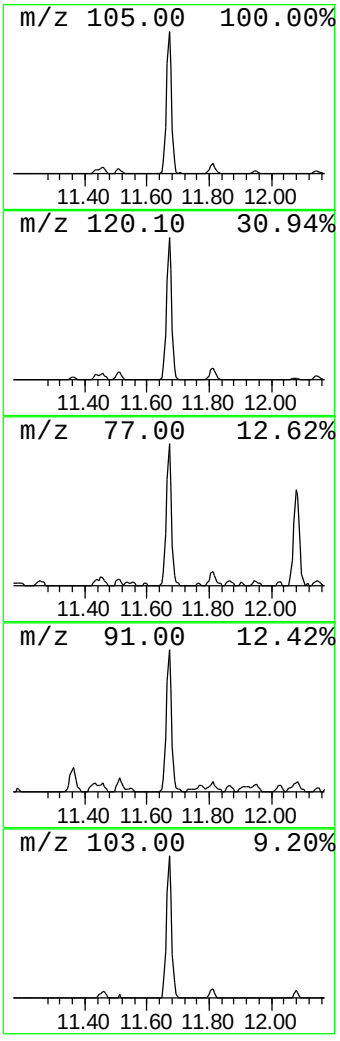
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	11.62 ug/l	87049	1,4-Dichlorobenzene-d4	12.08

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





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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-8(10-12)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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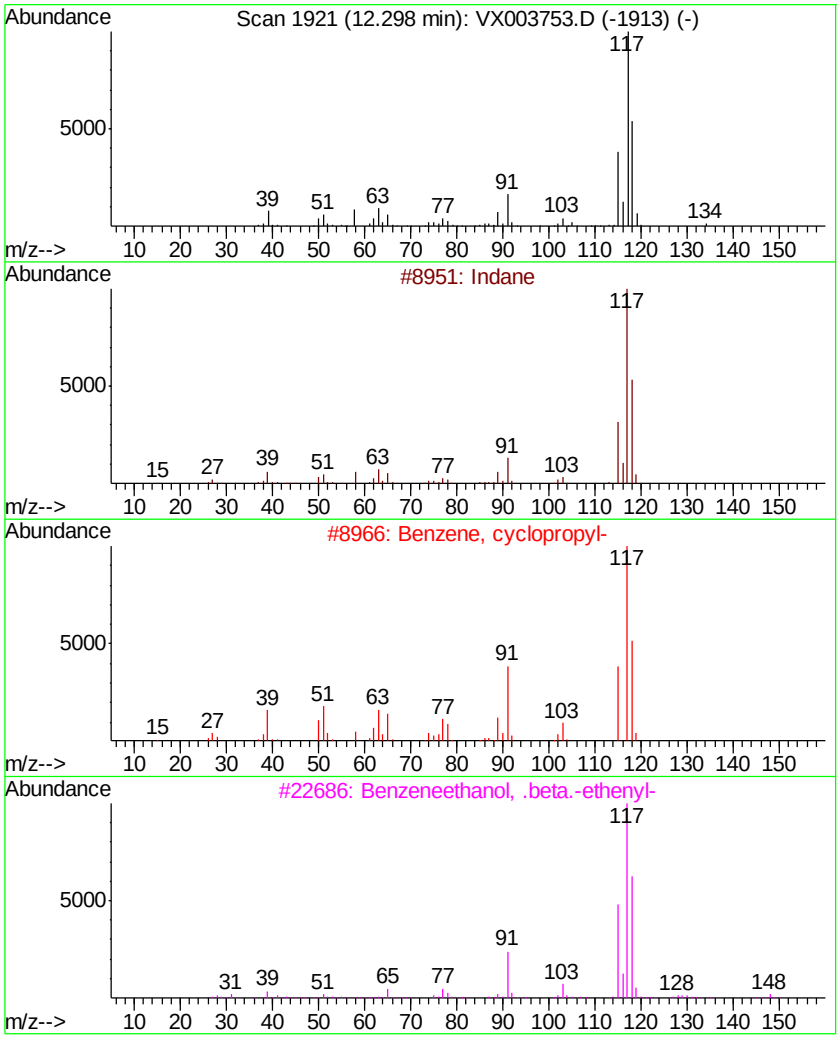
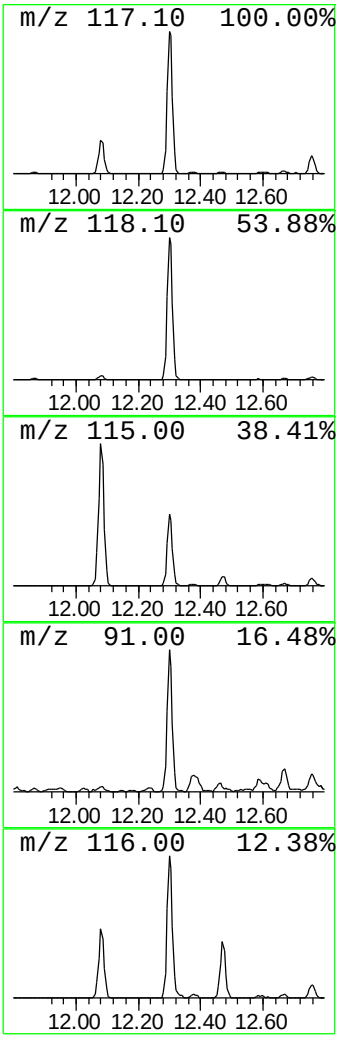
Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	21.13 ug/l	158349	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
3	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	86
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	62





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

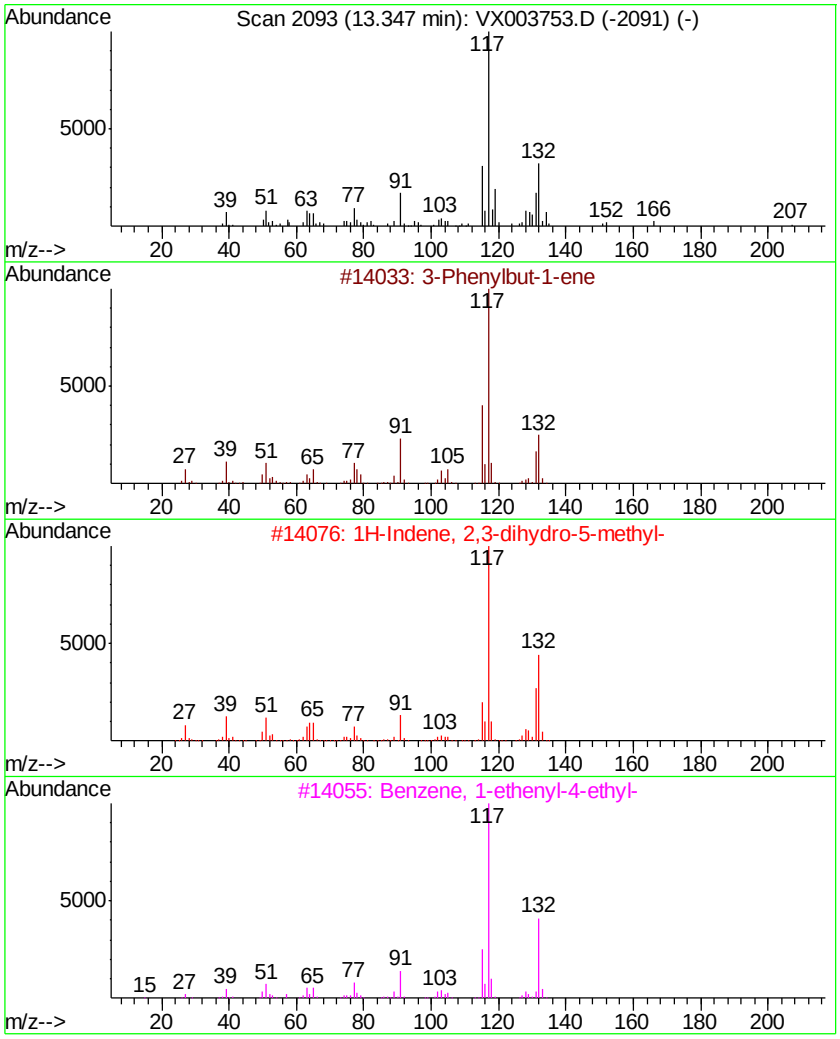
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

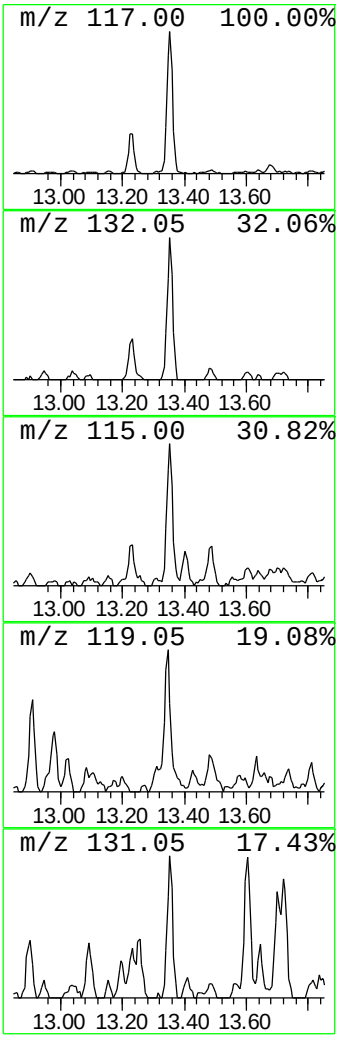
****

Peak Number 5 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	5.81 ug/l	43531	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.40	7.1	ug/l	38142	1	5.67	269356	50.0
Benzene, 1-ethyl-...	11.67	11.6	ug/l	87049	4	12.08	374667	50.0
Indane	12.30	21.1	ug/l	158349	4	12.08	374667	50.0
3-Phenylbut-1-ene	13.35	5.8	ug/l	43531	4	12.08	374667	50.0