LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042933.D
Acq On : 05 Apr 2021 16:11
Operator : SY/MD
Sample : M1903-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41726

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_U\Method\82U032421W.M
Title : SW846 8260

Signal : TIC: VU042933.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.398	279	329	374	rBV	5569434	33182623	100.00%	66.472%
2	2.642	394	405	440	rVB	191396	397025	1.20%	0.795%
3	5.382	1245	1257	1278	rVB	190633	385392	1.16%	0.772%
4	6.256	1514	1529	1548	rBV	272517	509642	1.54%	1.021%
5	6.552	1598	1621	1666	rBV	949214	2397235	7.22%	4.802%
6	7.906	2027	2042	2054	rBV	454845	791193	2.38%	1.585%
7	9.423	2502	2514	2531	rBV	403949	654451	1.97%	1.311%
8	9.697	2582	2599	2618	rBV	524908	859087	2.59%	1.721%
9	10.105	2714	2726	2747	rVB	368781	594250	1.79%	1.190%
10	10.639	2879	2892	2907	rBV	358186	558456	1.68%	1.119%
11	11.005	2990	3006	3024	rVV	442529	921299	2.78%	1.846%
12	11.095	3024	3034	3055	rVB	224404	352980	1.06%	0.707%
13	11.298	3085	3097	3109	rBV	257947	396455	1.19%	0.794%
14	11.475	3132	3152	3168	rVB	1036231	1558644	4.70%	3.122%
15	11.819	3247	3259	3273	rVV	464113	741738	2.24%	1.486%
16	11.902	3273	3285	3306	rVB	442877	778156	2.35%	1.559%
17	12.102	3341	3347	3354	rVB2	227172	337121	1.02%	0.675%
18	12.195	3365	3376	3398	rVB4	179123	343398	1.03%	0.688%
19	13.034	3628	3637	3651	rVB	279060	431785	1.30%	0.865%
20	13.462	3759	3770	3783	rVB3	461135	801209	2.41%	1.605%
21	13.632	3813	3823	3837	rVB	228132	366176	1.10%	0.734%
22	14.092	3953	3966	3986	rVB	699304	1131029	3.41%	2.266%
23	14.693	4136	4153	4170	rBV2	307882	622161	1.87%	1.246%
24	15.024	4245	4256	4268	rBV2	231249	375183	1.13%	0.752%
25	15.230	4304	4320	4328	rBV2	186785	433009	1.30%	0.867%

Sum of corrected areas: 49919697

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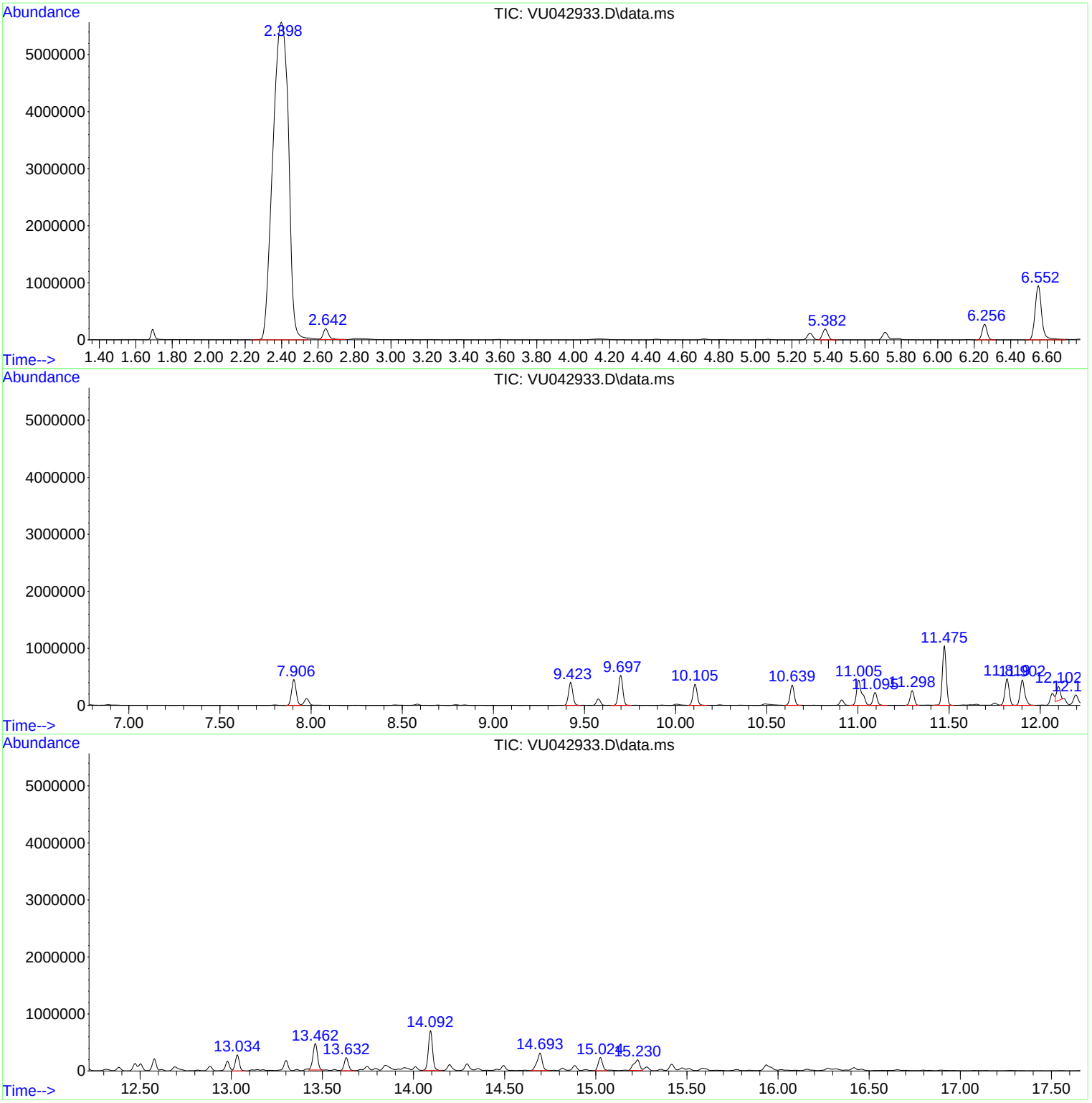
Instrument :
MSVOA_U
ClientSampleId :
41726

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

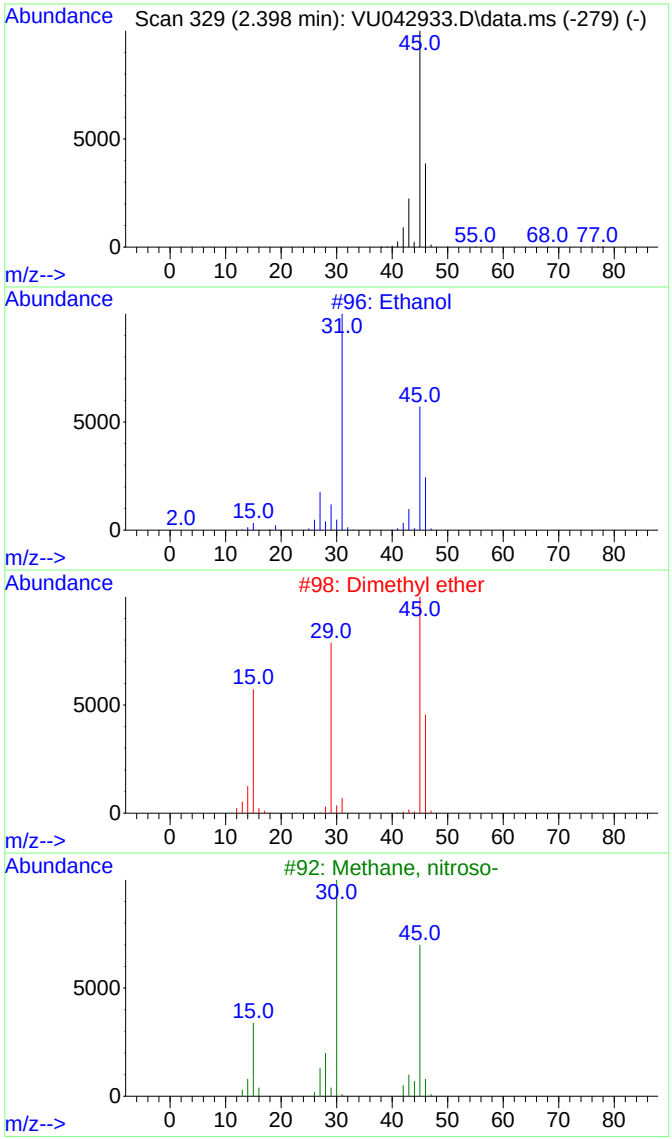
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

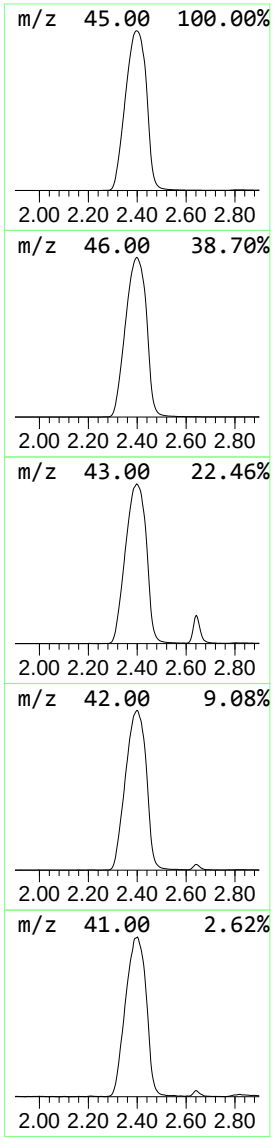
****

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.398	4305.05 ug/l	33182600	Pentafluorobenzene	5.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	L-Lactic acid	90	C3H6O3	000079-33-4	2





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Operator : SY/MD
Sample : M1903-04
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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41726

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

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

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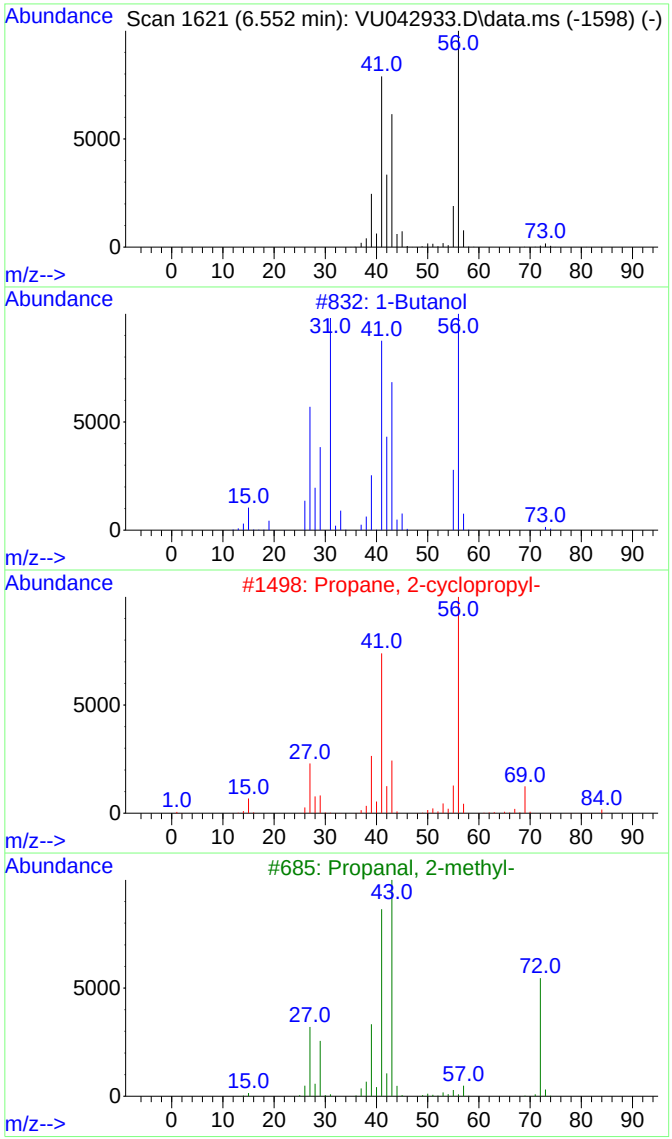
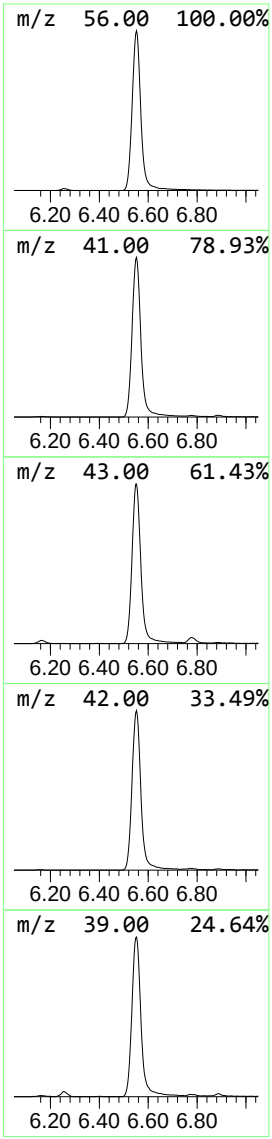
Peak Number 2 1-Butanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.552	235.19 ug/l	2397240	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	91
2	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	38
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	10
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	9
5	Isobutane	58	C4H10	000075-28-5	9





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Operator : SY/MD
Sample : M1903-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41726

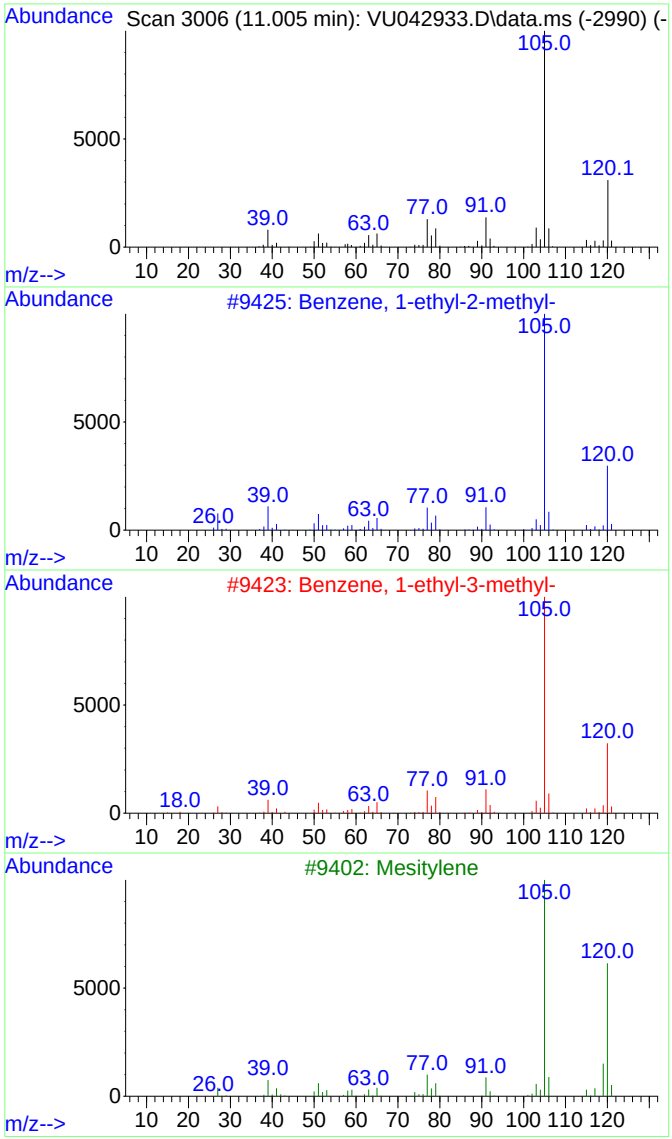
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

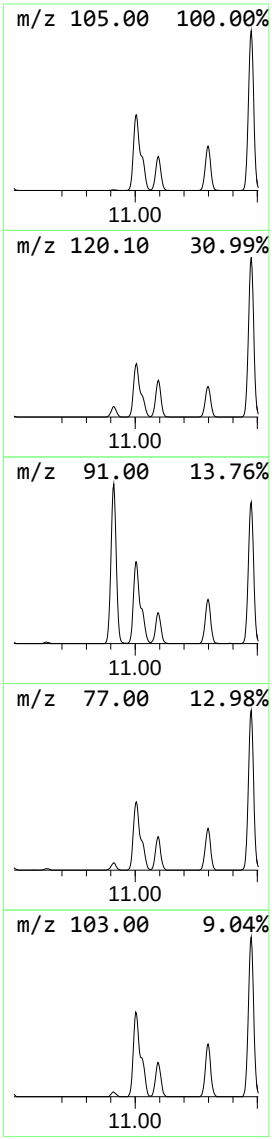
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.005	62.10 ug/l	921299	1,4-Dichlorobenzene-d4	11.819

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





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Data File : VU042933.D
Acq On : 05 Apr 2021 16:11
Operator : SY/MD
Sample : M1903-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41726

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

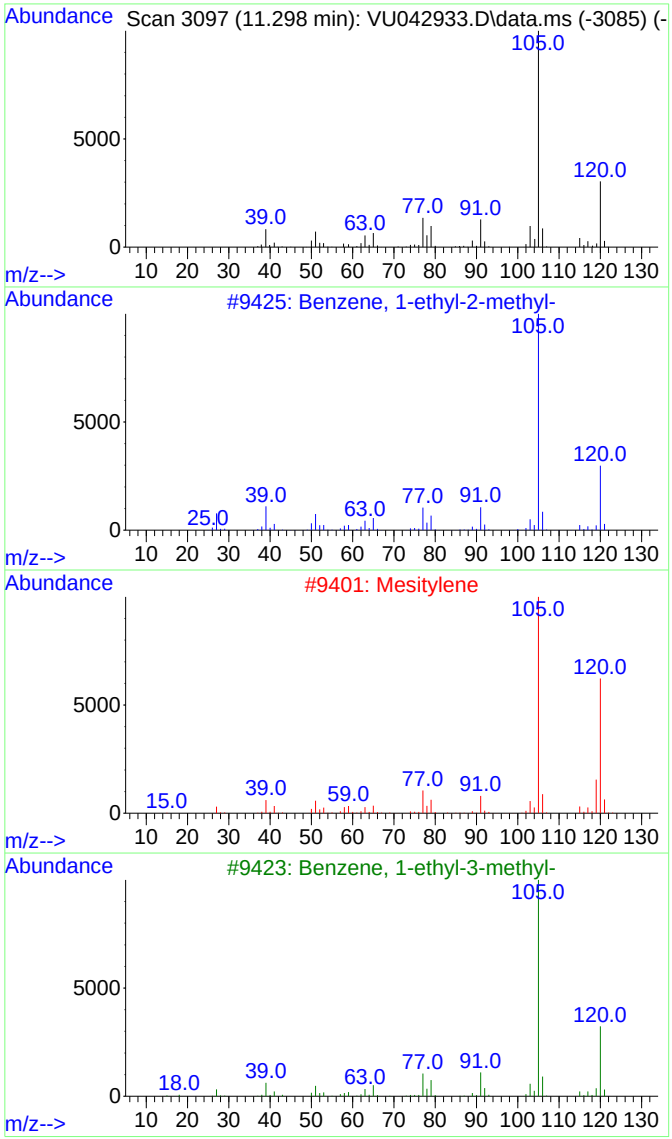
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

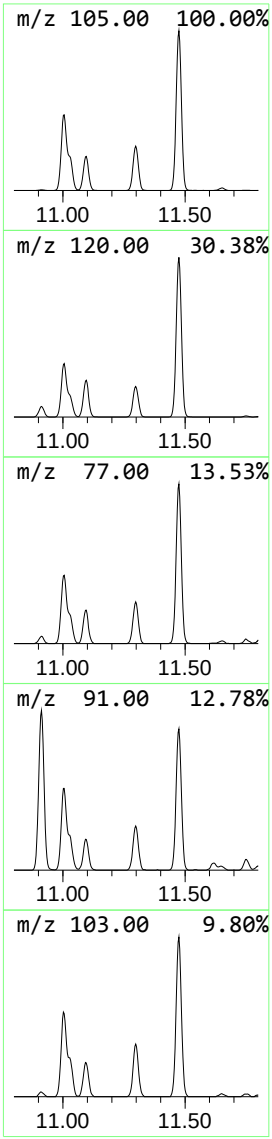
****

Peak Number 4 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	26.72 ug/l	396455	1,4-Dichlorobenzene-d4	11.819

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





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Acq On : 05 Apr 2021 16:11
Operator : SY/MD
Sample : M1903-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41726

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

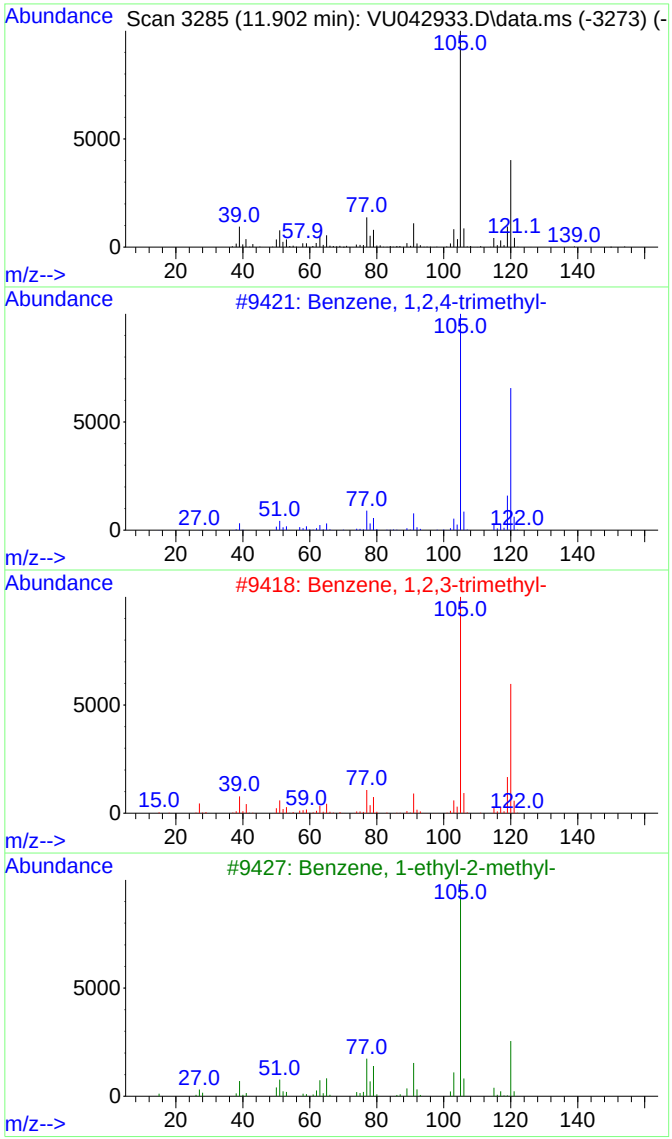
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

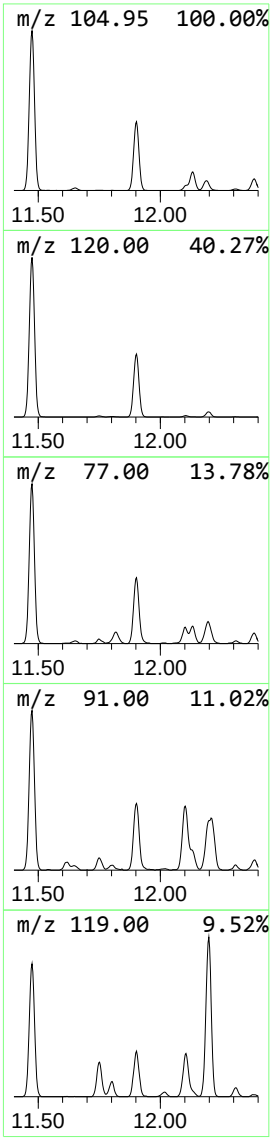
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.902	52.45 ug/l	778156	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Operator : SY/MD
Sample : M1903-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41726

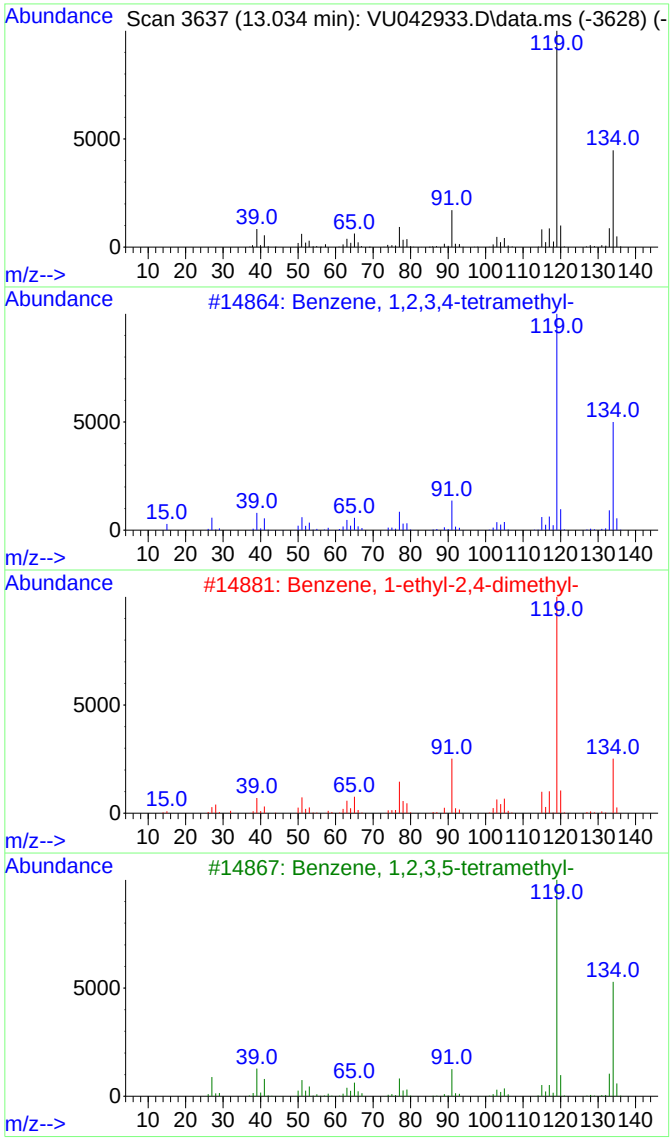
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

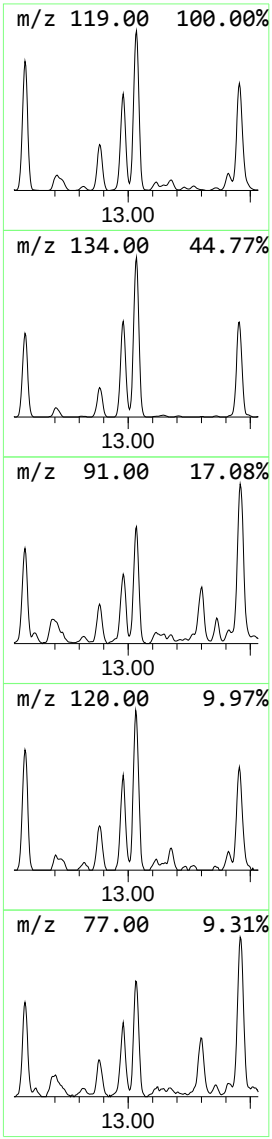
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.034	29.11 ug/l	431785	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	o-Cymene	134	C10H14	000527-84-4	95





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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41726

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

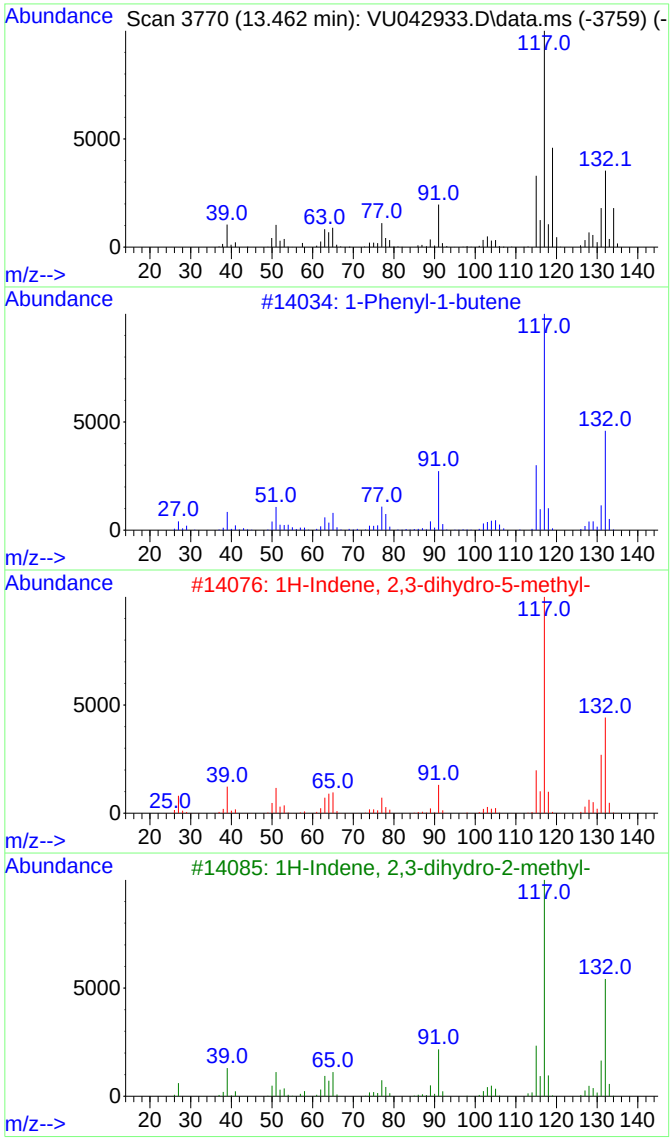
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

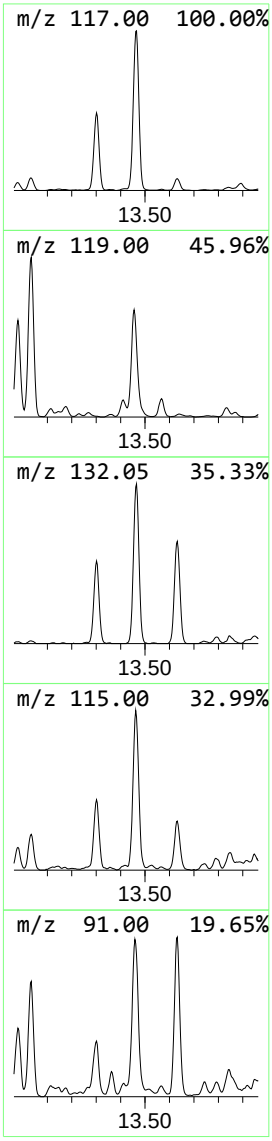
****

Peak Number 7 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.462	54.01 ug/l	801209	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	76
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76





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Instrument : MSVOA_U
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Quant Title : SW846 8260

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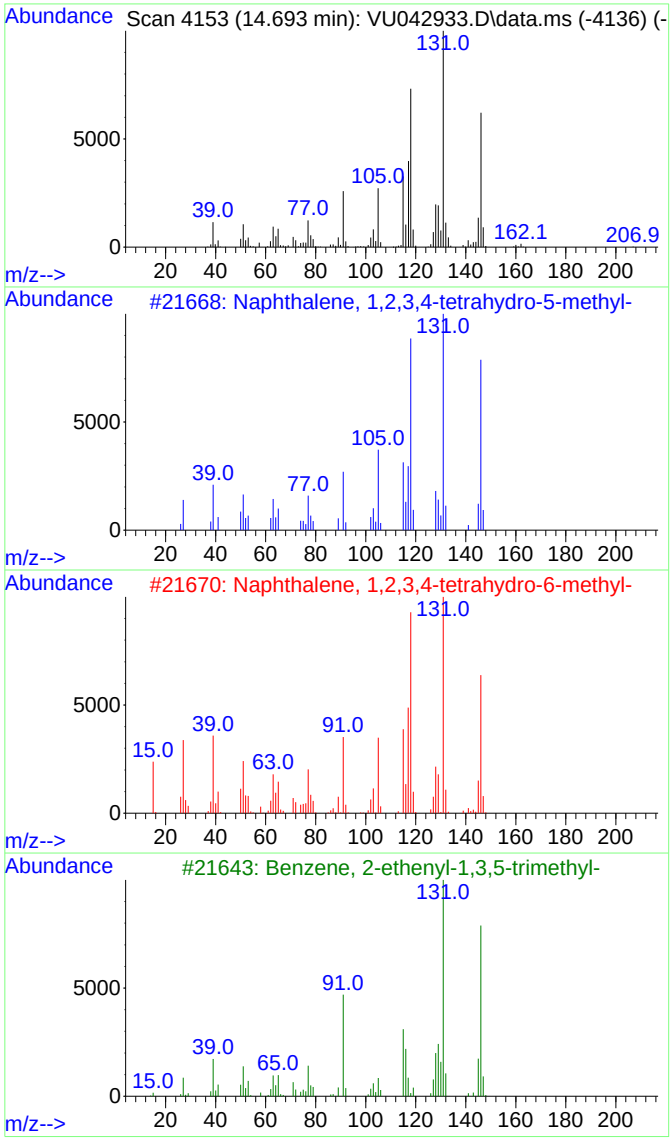
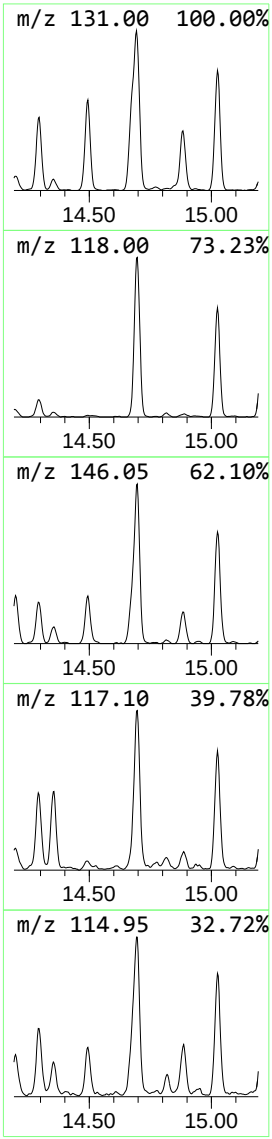
****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.693	41.94 ug/l	622161	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	72
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60





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ALS Vial : 13 Sample Multiplier: 1

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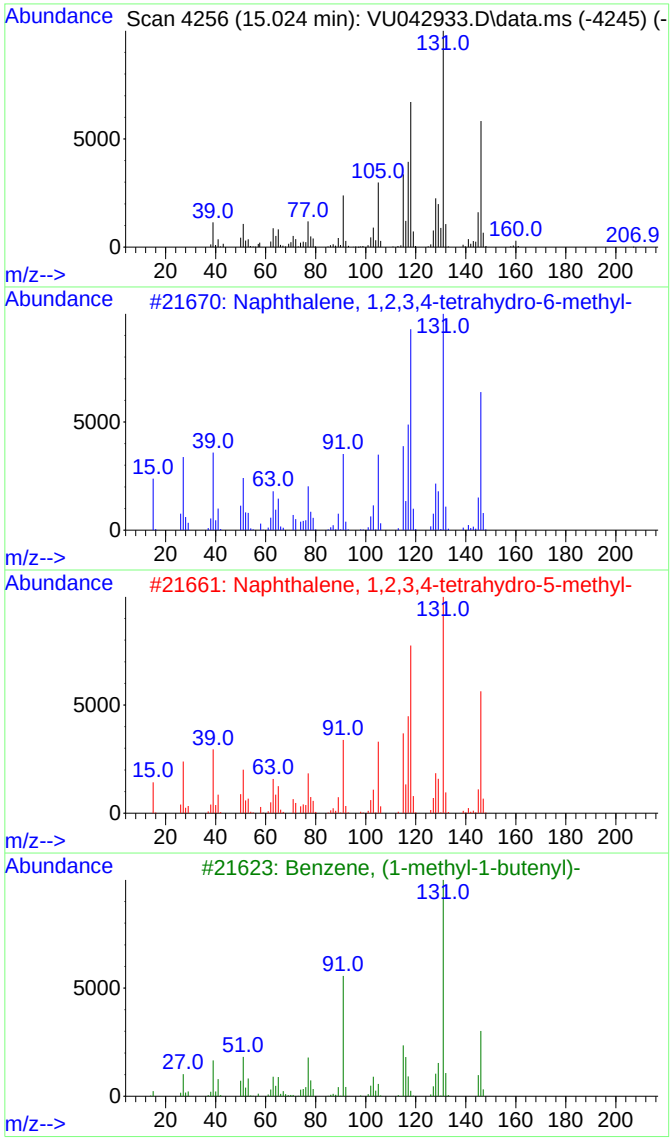
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

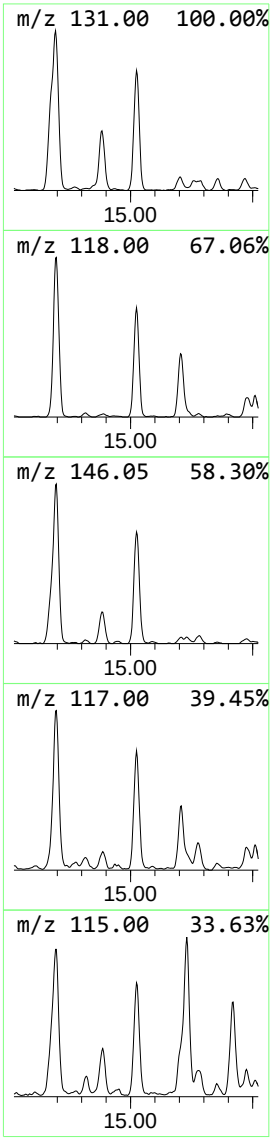
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.024	25.29 ug/l	375183	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	62





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Data File : VU042933.D
Acq On : 05 Apr 2021 16:11
Operator : SY/MD
Sample : M1903-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41726

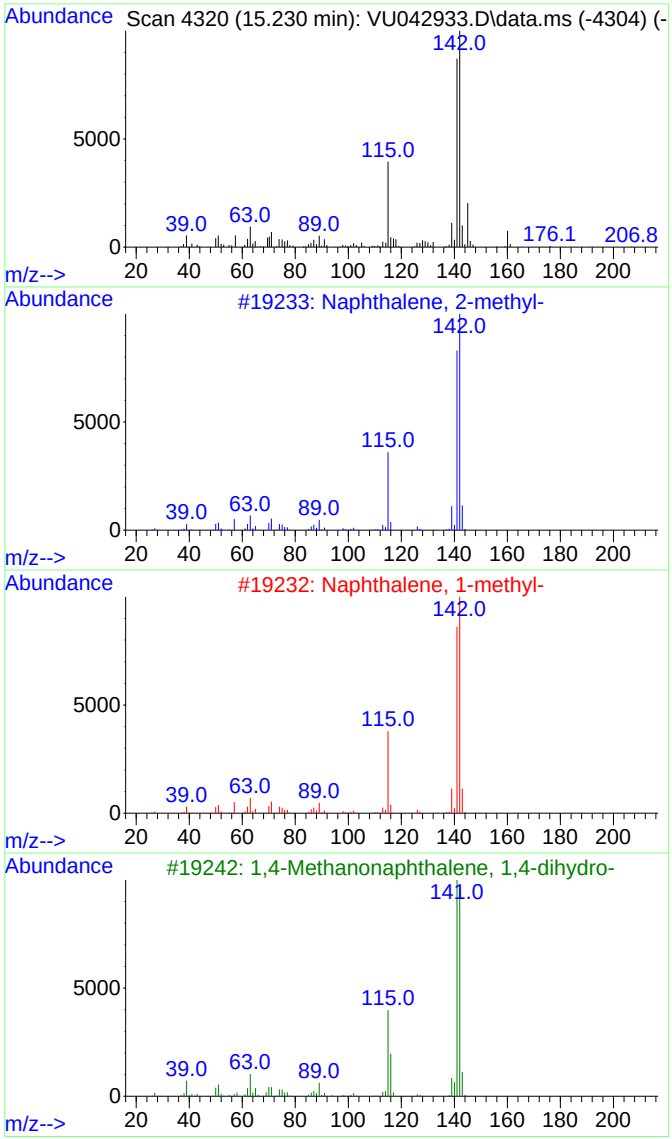
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

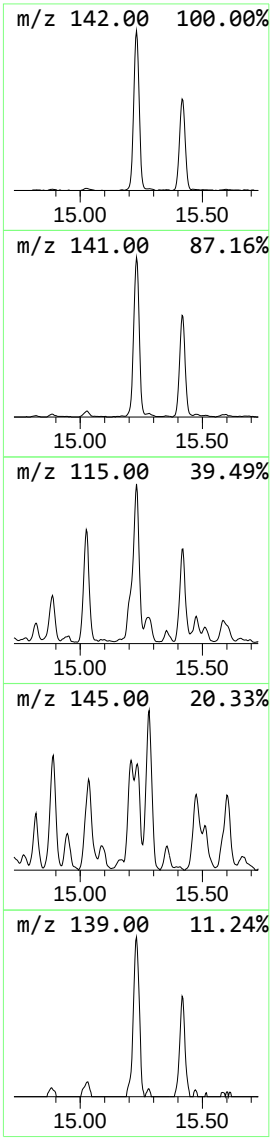
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.230	29.19 ug/l	433009	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	87
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042933.D
Acq On : 05 Apr 2021 16:11
Operator : SY/MD
Sample : M1903-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41726

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.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
Ethanol	2.398	4305.1	ug/l	33182600	1	5.382	385392	50.0
1-Butanol	6.552	235.2	ug/l	2397240	2	6.256	509642	50.0
Benzene, 1-ethy...	11.005	62.1	ug/l	921299	4	11.819	741738	50.0
Mesitylene	11.298	26.7	ug/l	396455	4	11.819	741738	50.0
Benzene, 1,2,3-...	11.902	52.5	ug/l	778156	4	11.819	741738	50.0
Benzene, 1,2,3,...	13.034	29.1	ug/l	431785	4	11.819	741738	50.0
1-Phenyl-1-butene	13.462	54.0	ug/l	801209	4	11.819	741738	50.0
Naphthalene, 1,...	14.693	41.9	ug/l	622161	4	11.819	741738	50.0
Naphthalene, 1,...	15.024	25.3	ug/l	375183	4	11.819	741738	50.0
Naphthalene, 1-...	15.230	29.2	ug/l	433009	4	11.819	741738	50.0