LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042930.D
Acq On : 05 Apr 2021 15:02
Operator : SY/MD
Sample : M1903-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30776

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: VU042930.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.379	279	323	374	rBV	2039675	10265829	100.00%	42.732%
2	2.639	393	404	440	rVB	101658	204078	1.99%	0.849%
3	5.298	1215	1231	1244	rBV	108761	232396	2.26%	0.967%
4	5.382	1244	1257	1279	rVB	174279	357783	3.49%	1.489%
5	5.710	1345	1359	1374	rBV2	124426	260409	2.54%	1.084%
6	6.256	1515	1529	1550	rBV	252052	476369	4.64%	1.983%
7	7.906	2021	2042	2055	rBV	415231	720683	7.02%	3.000%
8	9.423	2501	2514	2535	rBV	363899	606077	5.90%	2.523%
9	9.700	2588	2600	2611	rBV	120974	196961	1.92%	0.820%
10	10.108	2713	2727	2746	rVB2	93251	155056	1.51%	0.645%
11	10.639	2877	2892	2907	rBV	318118	507984	4.95%	2.115%
12	11.005	2988	3006	3012	rBV	172451	301344	2.94%	1.254%
13	11.095	3023	3034	3057	rVB	159683	270081	2.63%	1.124%
14	11.298	3086	3097	3113	rVB2	121210	192611	1.88%	0.802%
15	11.475	3141	3152	3169	rVB	339601	517584	5.04%	2.154%
16	11.819	3246	3259	3273	rVB	409943	672803	6.55%	2.801%
17	11.902	3273	3285	3297	rBV	267410	424910	4.14%	1.769%
18	12.105	3328	3348	3352	rBV3	124170	229719	2.24%	0.956%
19	12.134	3353	3357	3366	rVV	116277	154927	1.51%	0.645%
20	12.195	3366	3376	3391	rVB2	218112	386173	3.76%	1.607%
21	12.385	3426	3435	3450	rVB	83680	130037	1.27%	0.541%
22	12.471	3451	3462	3467	rBV	111580	173874	1.69%	0.724%
23	12.504	3467	3472	3483	rVV	126951	182699	1.78%	0.760%
24	12.578	3484	3495	3504	rVV	239560	363642	3.54%	1.514%
25	12.690	3518	3530	3553	rBV5	72306	240286	2.34%	1.000%
26	12.883	3581	3590	3600	rVB	93866	148247	1.44%	0.617%
27	12.980	3600	3620	3628	rBV	178537	294540	2.87%	1.226%
28	13.034	3628	3637	3652	rVB	299179	476527	4.64%	1.984%
29	13.298	3711	3719	3730	rVB3	141263	234015	2.28%	0.974%
30	13.462	3758	3770	3783	rVB3	484899	893755	8.71%	3.720%
31	13.632	3814	3823	3846	rVB	243392	423115	4.12%	1.761%
32	13.844	3880	3889	3904	rBV6	110103	235766	2.30%	0.981%
33	13.951	3916	3922	3937	rVB2	85193	179167	1.75%	0.746%
34	14.198	3986	3999	4013	rVB	142600	257035	2.50%	1.070%
35	14.295	4014	4029	4041	rBV2	150859	294160	2.87%	1.224%
36	14.494	4084	4091	4102	rVB	99356	150303	1.46%	0.626%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042930.D
Acq On : 05 Apr 2021 15:02
Operator : SY/MD
Sample : M1903-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30776

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

37	14.693	4136	4153	4171	rBV	351227	721106	7.02%	3.002%
38	14.886	4204	4213	4223	rVB3	97722	161492	1.57%	0.672%
39	15.024	4246	4256	4268	rBV2	254407	417549	4.07%	1.738%
40	15.208	4303	4313	4328	rBV5	125099	311715	3.04%	1.298%
41	15.282	4328	4336	4349	rVB3	86508	147069	1.43%	0.612%
42	15.410	4367	4376	4387	rBV4	66088	117411	1.14%	0.489%
43	15.587	4420	4431	4448	rBV5	46525	111593	1.09%	0.465%
44	15.934	4528	4539	4559	rBV2	100181	224721	2.19%	0.935%

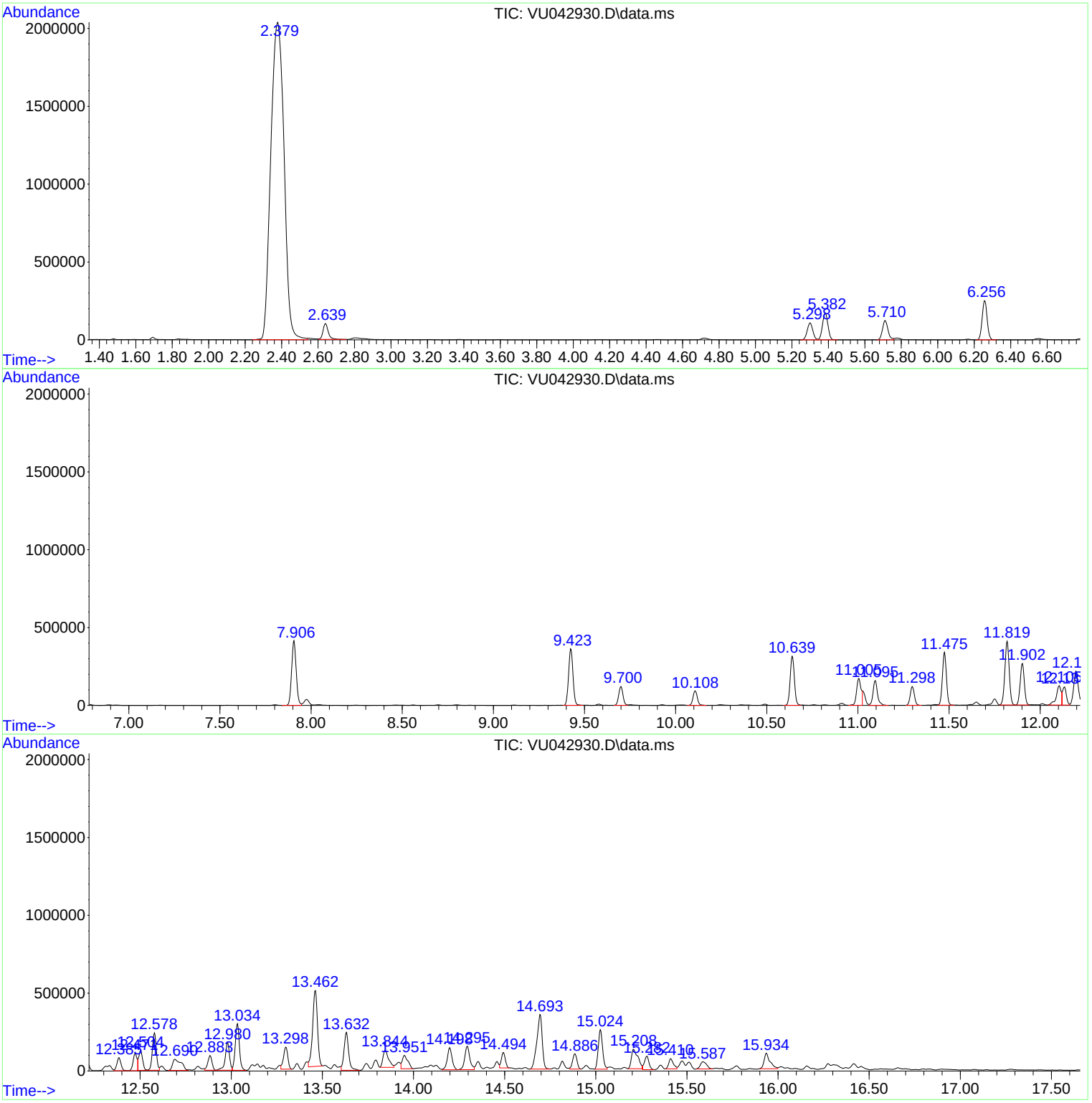
Sum of corrected areas: 24023601

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042930.D
Acq On : 05 Apr 2021 15:02
Operator : SY/MD
Sample : M1903-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
30776

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042930.D
Acq On : 05 Apr 2021 15:02
Operator : SY/MD
Sample : M1903-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30776

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

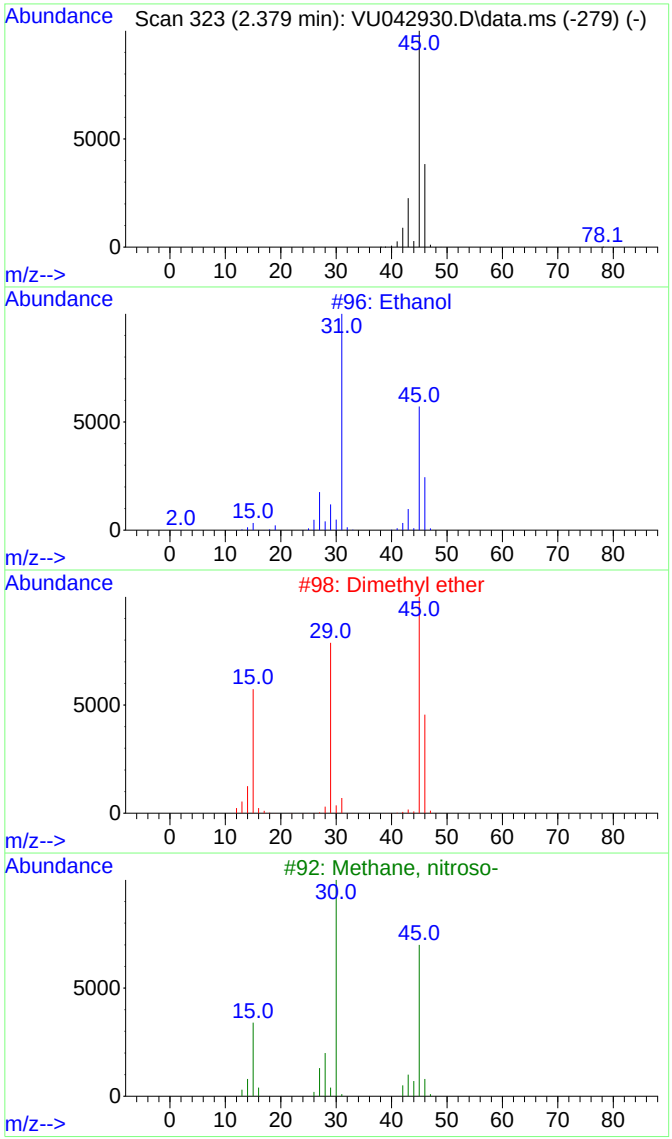
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

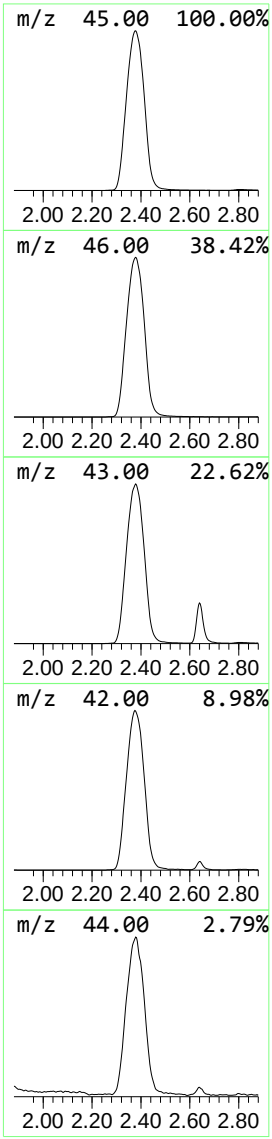
****

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.379	1434.64 ug/l	10265800	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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042930.D
Acq On : 05 Apr 2021 15:02
Operator : SY/MD
Sample : M1903-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30776

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

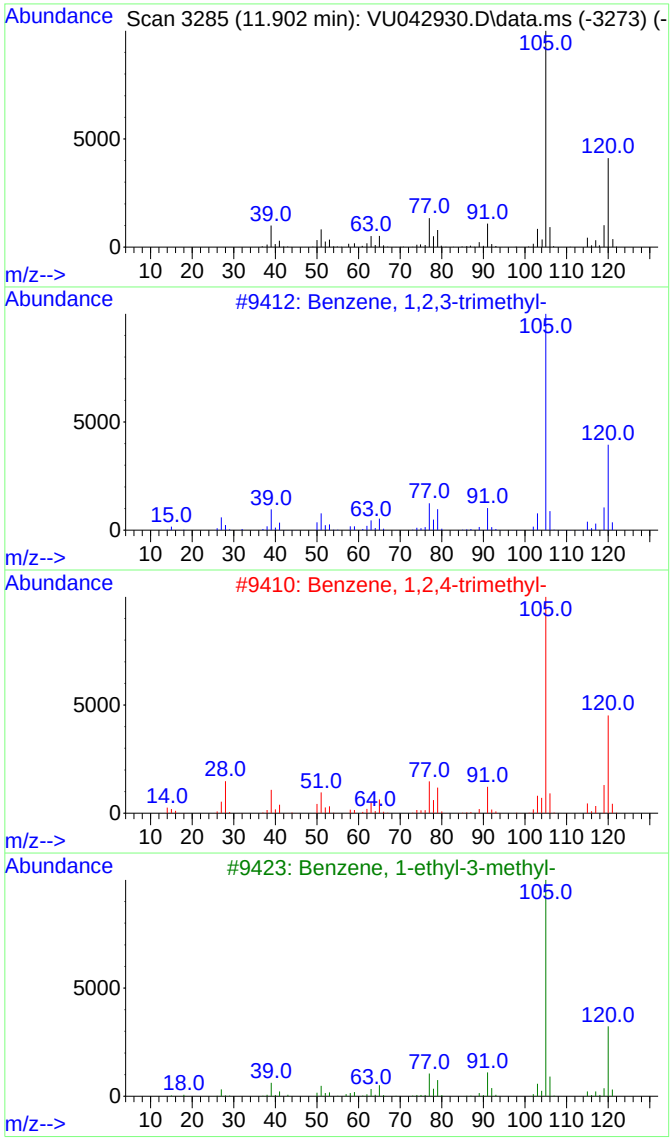
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

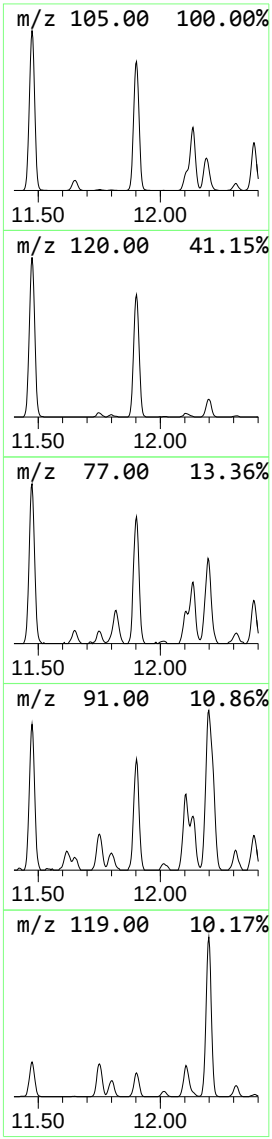
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.902	31.58 ug/l	424910	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042930.D
Acq On : 05 Apr 2021 15:02
Operator : SY/MD
Sample : M1903-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30776

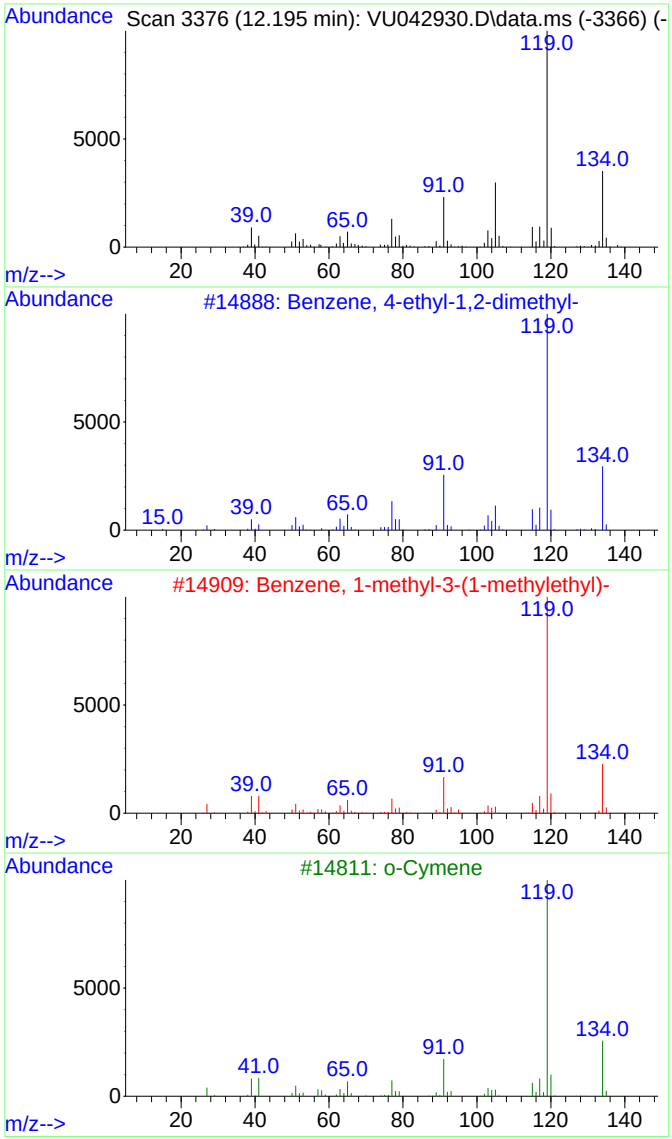
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

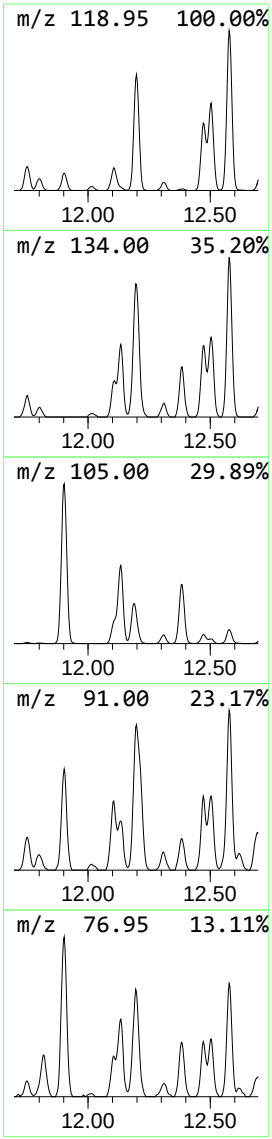
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.195	28.70 ug/l	386173	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042930.D
Acq On : 05 Apr 2021 15:02
Operator : SY/MD
Sample : M1903-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30776

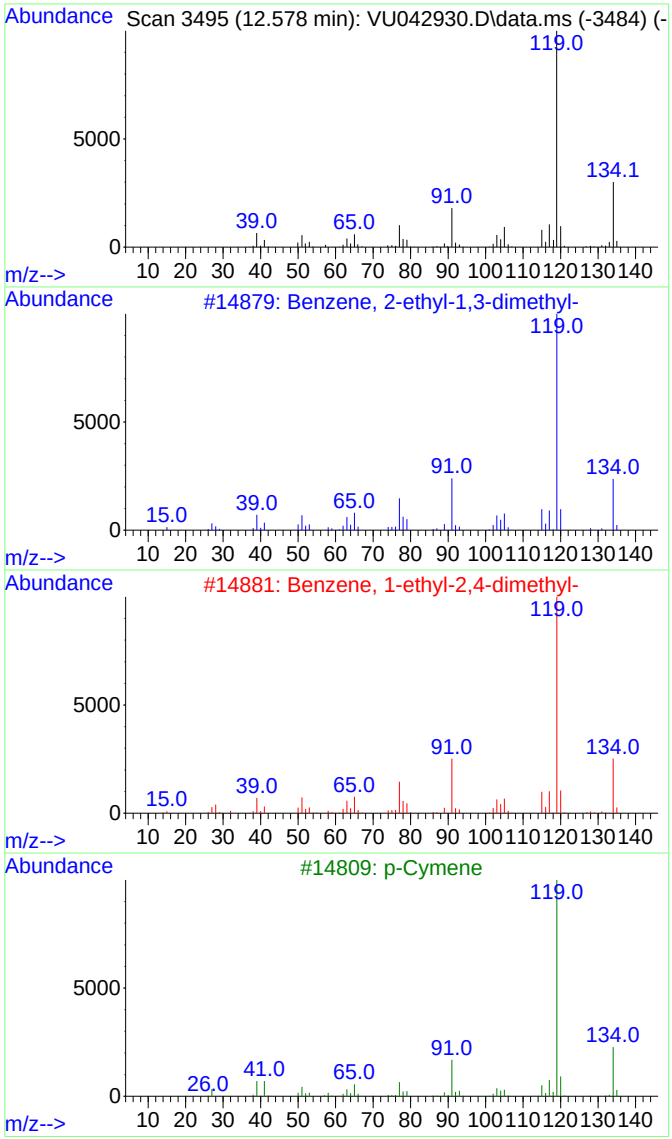
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

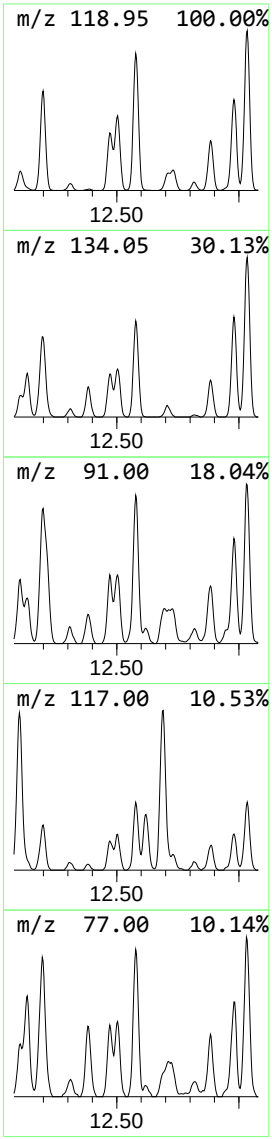
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.578	27.02 ug/l	363642	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042930.D
Acq On : 05 Apr 2021 15:02
Operator : SY/MD
Sample : M1903-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30776

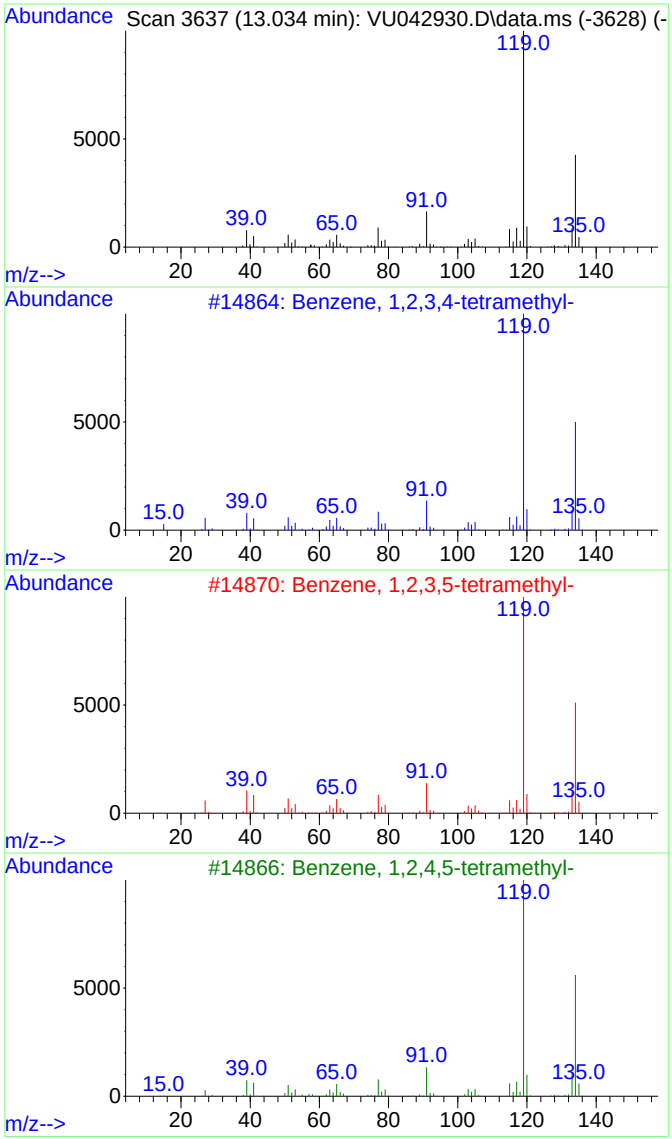
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

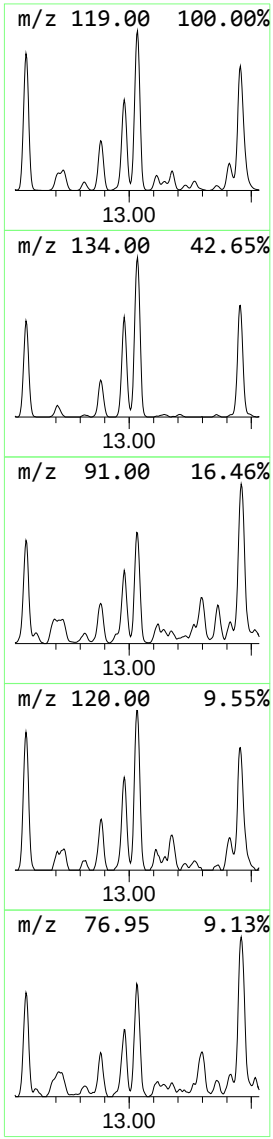
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.034	35.41 ug/l	476527	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042930.D
Acq On : 05 Apr 2021 15:02
Operator : SY/MD
Sample : M1903-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30776

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

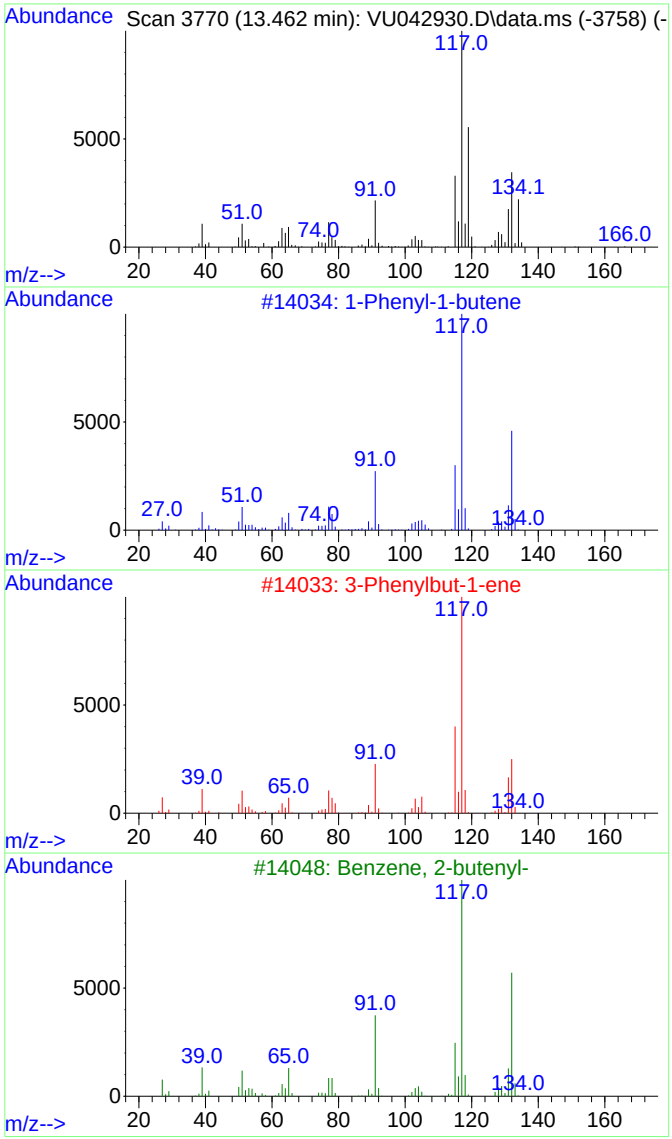
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

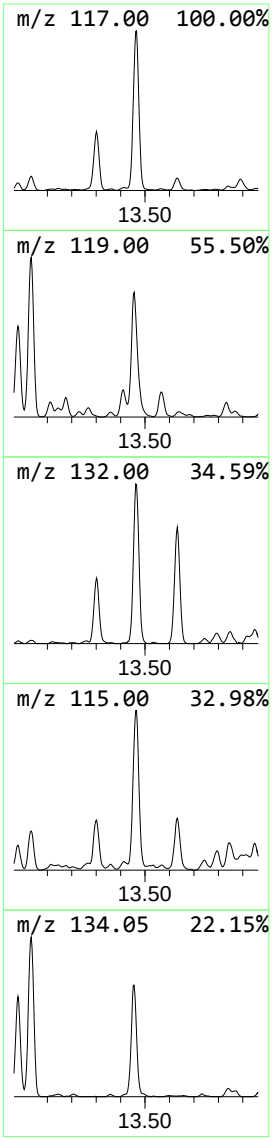
****

Peak Number 6 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.462	66.42 ug/l	893755	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	86
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	64
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042930.D
Acq On : 05 Apr 2021 15:02
Operator : SY/MD
Sample : M1903-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30776

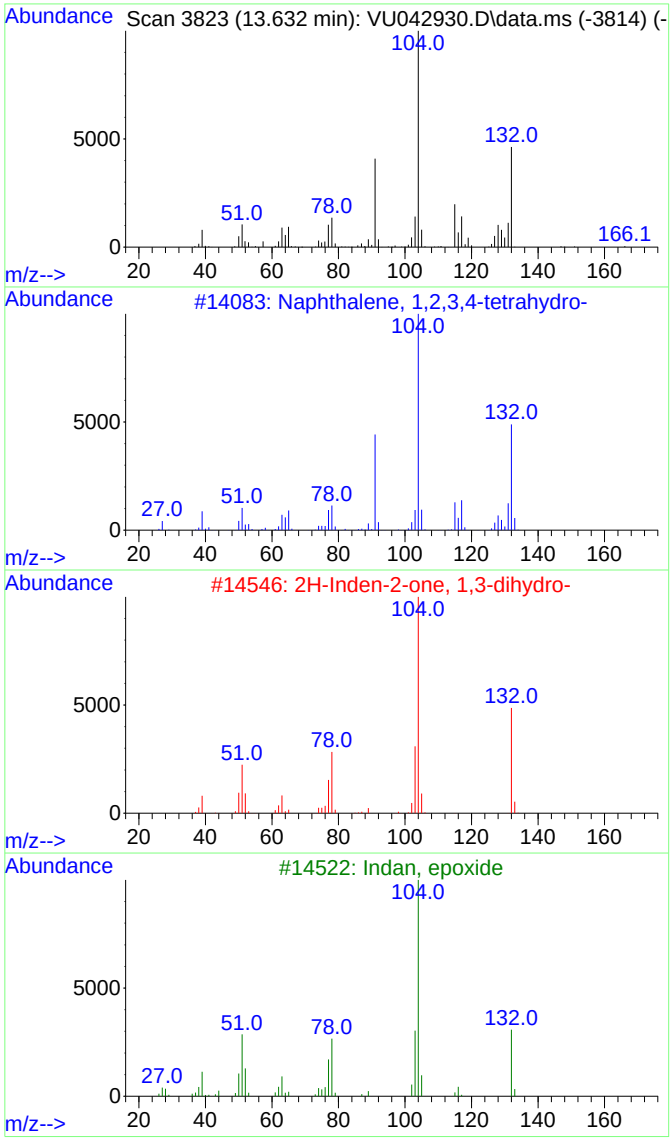
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

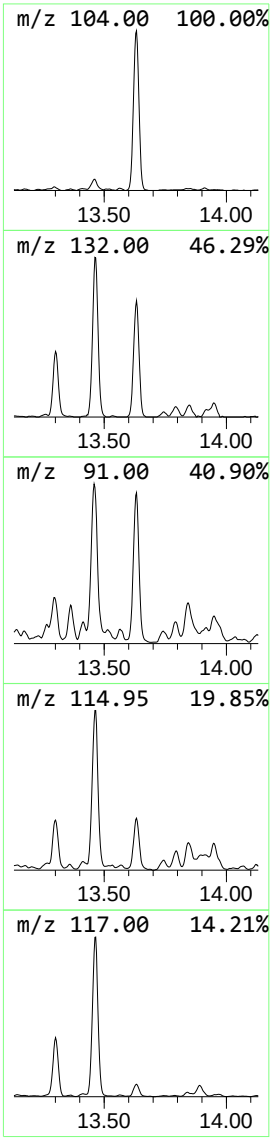
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.632	31.44 ug/l	423115	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
3	Indan, epoxide	132	C9H8O	000768-22-9	49
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	40
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042930.D
Acq On : 05 Apr 2021 15:02
Operator : SY/MD
Sample : M1903-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30776

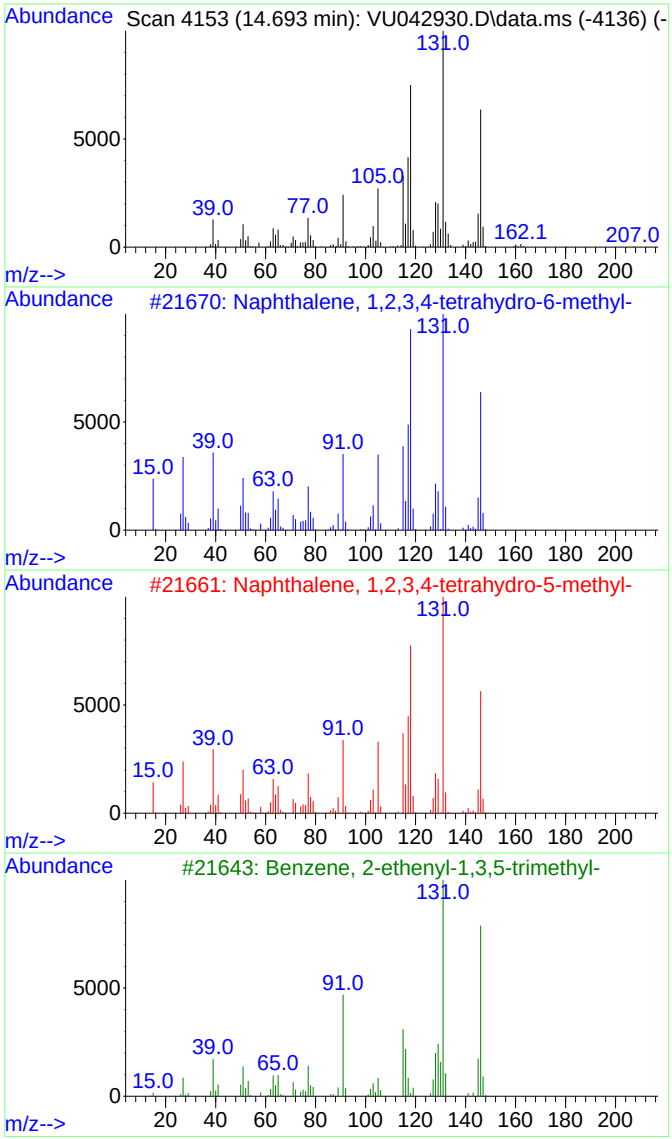
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

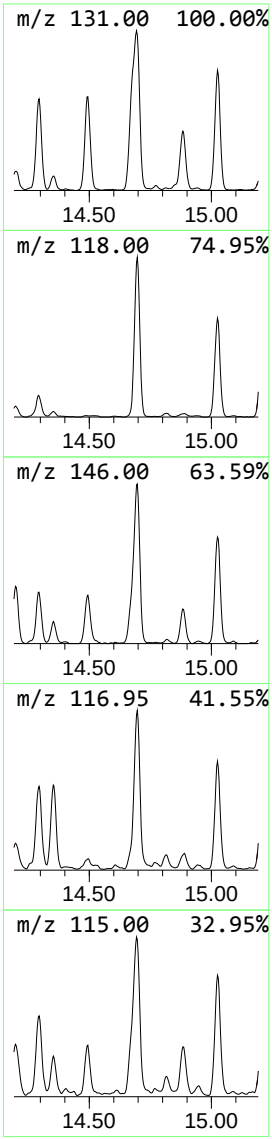
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.693	53.59 ug/l	721106	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, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60





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Data File : VU042930.D
Acq On : 05 Apr 2021 15:02
Operator : SY/MD
Sample : M1903-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30776

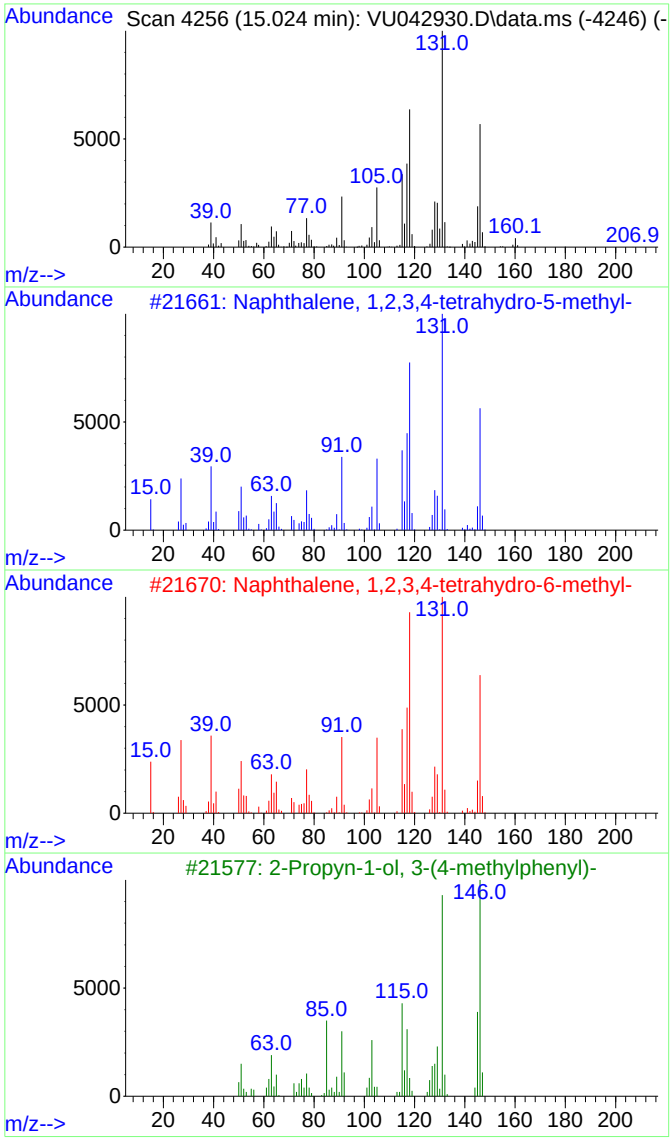
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

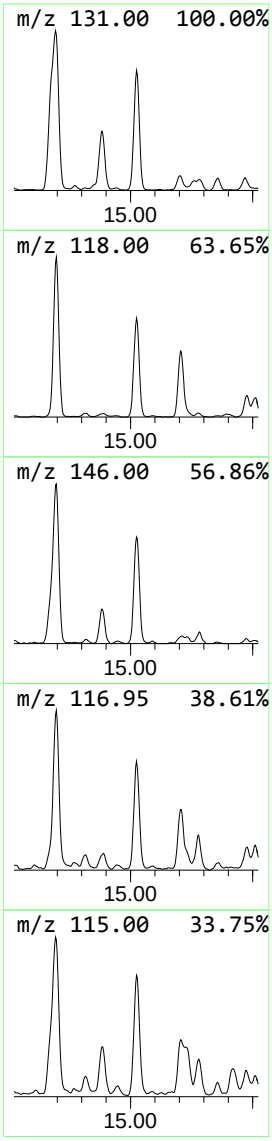
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.024	31.03 ug/l	417549	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	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
3	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	68
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	62
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042930.D
Acq On : 05 Apr 2021 15:02
Operator : SY/MD
Sample : M1903-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30776

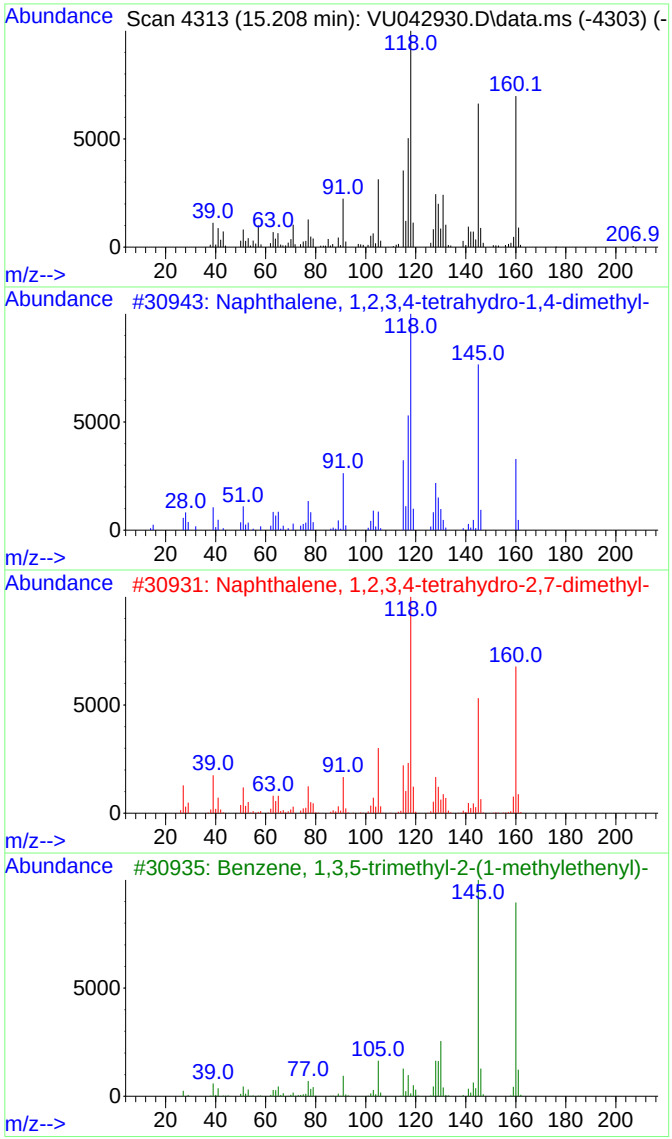
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

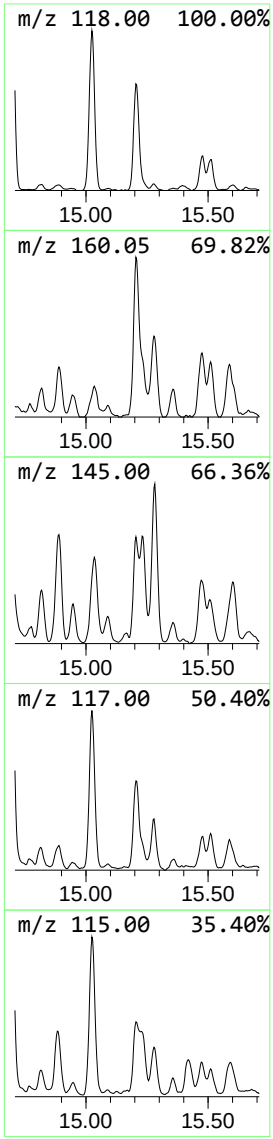
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.208	23.17 ug/l	311715	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042930.D
Acq On : 05 Apr 2021 15:02
Operator : SY/MD
Sample : M1903-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30776

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	2.379	1434.6	ug/l	10265800	1	5.382	357783	50.0
Benzene, 1,2,3-...	11.902	31.6	ug/l	424910	4	11.819	672803	50.0
Benzene, 4-ethy...	12.195	28.7	ug/l	386173	4	11.819	672803	50.0
Benzene, 2-ethy...	12.578	27.0	ug/l	363642	4	11.819	672803	50.0
Benzene, 1,2,3,...	13.034	35.4	ug/l	476527	4	11.819	672803	50.0
1-Phenyl-1-butene	13.462	66.4	ug/l	893755	4	11.819	672803	50.0
Naphthalene, 1,...	13.632	31.4	ug/l	423115	4	11.819	672803	50.0
Naphthalene, 1,...	14.693	53.6	ug/l	721106	4	11.819	672803	50.0
Naphthalene, 1,...	15.024	31.0	ug/l	417549	4	11.819	672803	50.0
Naphthalene, 1,...	15.208	23.2	ug/l	311715	4	11.819	672803	50.0