LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092320\
Data File : VU040256.D
Acq On : 23 Sep 2020 13:17
Operator : SY/MD
Sample : L4046-16DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR083120WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	70	82	91	rBV	69644	82660	5.78%	0.773%
2	1.919	172	180	196	rVB	58019	83424	5.83%	0.780%
3	2.228	267	276	287	rVB4	13830	25837	1.81%	0.242%
4	2.385	315	325	346	rVB	272697	415183	29.02%	3.881%
5	2.575	369	384	398	rBV2	115611	193112	13.50%	1.805%
6	2.652	400	408	416	rVV2	10072	19457	1.36%	0.182%
7	3.054	523	533	538	rBV2	15325	25697	1.80%	0.240%
8	3.093	541	545	557	rVB2	17977	29523	2.06%	0.276%
9	3.372	616	632	649	rVB2	38493	84882	5.93%	0.794%
10	3.713	724	738	751	rBV3	22263	48852	3.41%	0.457%
11	4.009	809	830	852	rBV	554652	1430532	100.00%	13.373%
12	4.546	980	997	1014	rBV2	118584	291750	20.39%	2.727%
13	4.646	1014	1028	1050	rVV2	105478	289278	20.22%	2.704%
14	5.077	1145	1162	1191	rBV3	182142	436694	30.53%	4.082%
15	5.398	1249	1262	1277	rBV2	16094	36029	2.52%	0.337%
16	5.739	1345	1368	1373	rBV3	210915	512689	35.84%	4.793%
17	5.787	1374	1383	1399	rVB	604963	1205535	84.27%	11.270%
18	6.260	1513	1530	1547	rBV	232986	432652	30.24%	4.045%
19	6.700	1653	1667	1679	rBV	134726	259899	18.17%	2.430%
20	6.771	1680	1689	1703	rVB5	15367	29306	2.05%	0.274%
21	7.572	1926	1938	1953	rBV	62113	109211	7.63%	1.021%
22	7.720	1971	1984	1995	rBV4	17210	32931	2.30%	0.308%
23	7.903	2023	2041	2053	rBV	237749	407866	28.51%	3.813%
24	7.974	2053	2063	2078	rVB	63483	108421	7.58%	1.014%
25	8.183	2116	2128	2143	rBV	40921	70185	4.91%	0.656%
26	8.639	2256	2270	2307	rBV	346900	638269	44.62%	5.967%
27	9.446	2516	2521	2552	rVB	756327	1221744	85.40%	11.421%
28	9.572	2552	2560	2578	rVB6	9456	19462	1.36%	0.182%
29	9.690	2585	2597	2606	rBV2	42112	70842	4.95%	0.662%
30	9.761	2610	2619	2629	rVB3	13771	23432	1.64%	0.219%
31	10.102	2715	2725	2739	rVB4	25074	43747	3.06%	0.409%
32	10.481	2831	2843	2854	rBV	61093	98935	6.92%	0.925%
33	10.639	2878	2892	2897	rBV7	7215	15489	1.08%	0.145%
34	10.755	2918	2928	2941	rVB	102758	167841	11.73%	1.569%

LSC Area Percent Report

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Acq On : 23 Sep 2020 13:17
Operator : SY/MD
Sample : L4046-16DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR083120WMA.M
Title : TRACE VOA SOM01.0

35	10.899	2959	2973	2993	rVB4	44414	90875	6.35%	0.850%
36	11.028	3005	3013	3025	rVB4	12960	21452	1.50%	0.201%
37	11.285	3081	3093	3114	rVB	30751	54964	3.84%	0.514%
38	11.465	3138	3149	3158	rBV	16109	23078	1.61%	0.216%
39	11.636	3182	3202	3216	rVB	16319	40156	2.81%	0.375%
40	11.806	3243	3255	3273	rVV2	353333	674528	47.15%	6.306%
41	11.890	3273	3281	3292	rVB	36606	55311	3.87%	0.517%
42	12.089	3331	3343	3356	rBV2	105820	169772	11.87%	1.587%
43	12.189	3361	3374	3391	rVB	263222	453860	31.73%	4.243%
44	12.459	3446	3458	3471	rBV8	6411	14847	1.04%	0.139%
45	12.562	3480	3490	3498	rBV2	23138	33586	2.35%	0.314%
46	12.854	3572	3581	3597	rVB3	31004	52571	3.67%	0.491%
47	12.964	3606	3615	3622	rBV2	11058	16784	1.17%	0.157%
48	13.832	3874	3885	3897	rVB8	8255	14337	1.00%	0.134%
49	13.983	3925	3932	3946	rVB7	12551	19539	1.37%	0.183%

Sum of corrected areas: 10697026

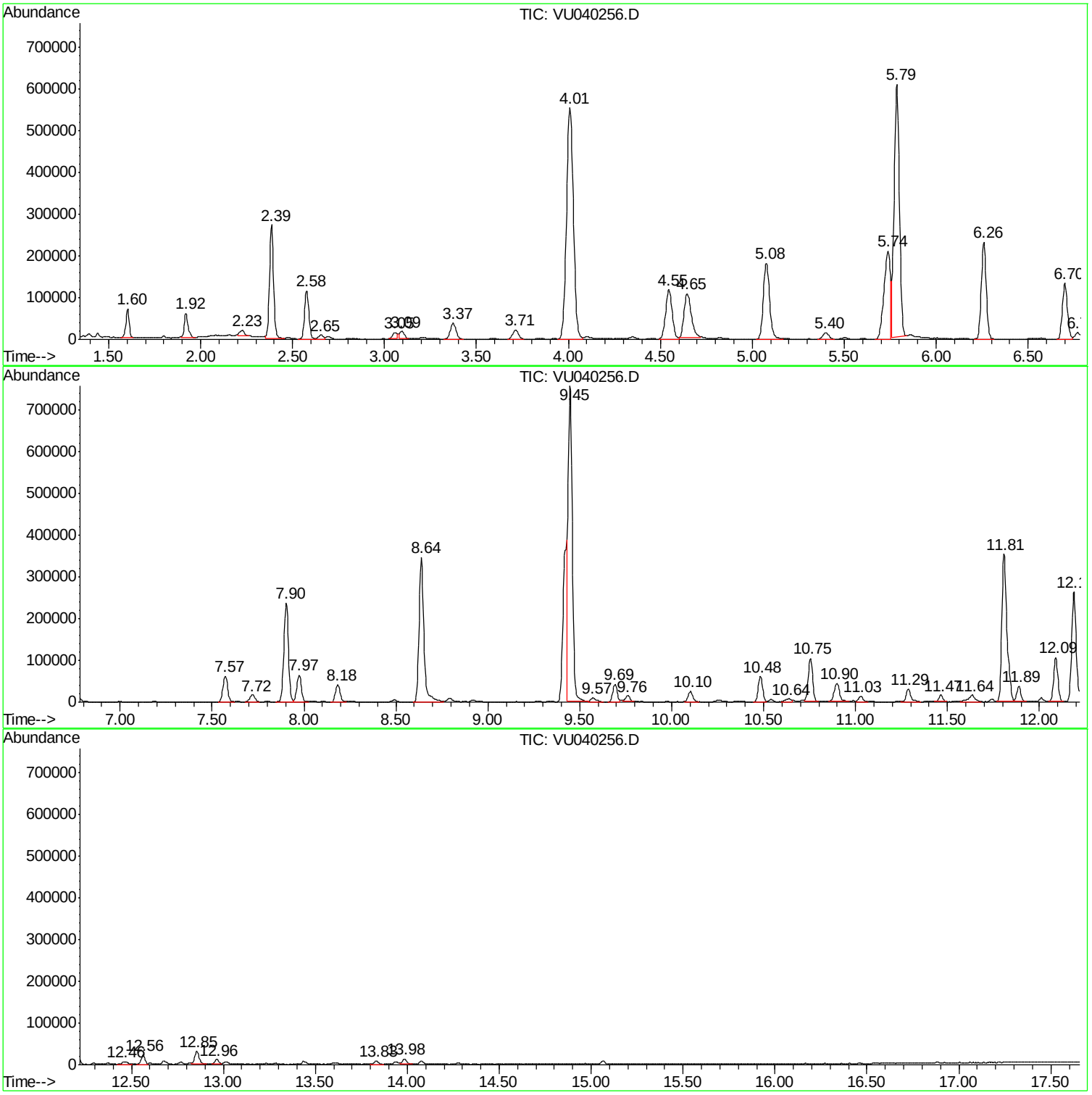
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092320\
Data File : VU040256.D
Acq On : 23 Sep 2020 13:17
Operator : SY/MD
Sample : L4046-16DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092320\
Data File : VU040256.D
Acq On : 23 Sep 2020 13:17
Operator : SY/MD
Sample : L4046-16DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

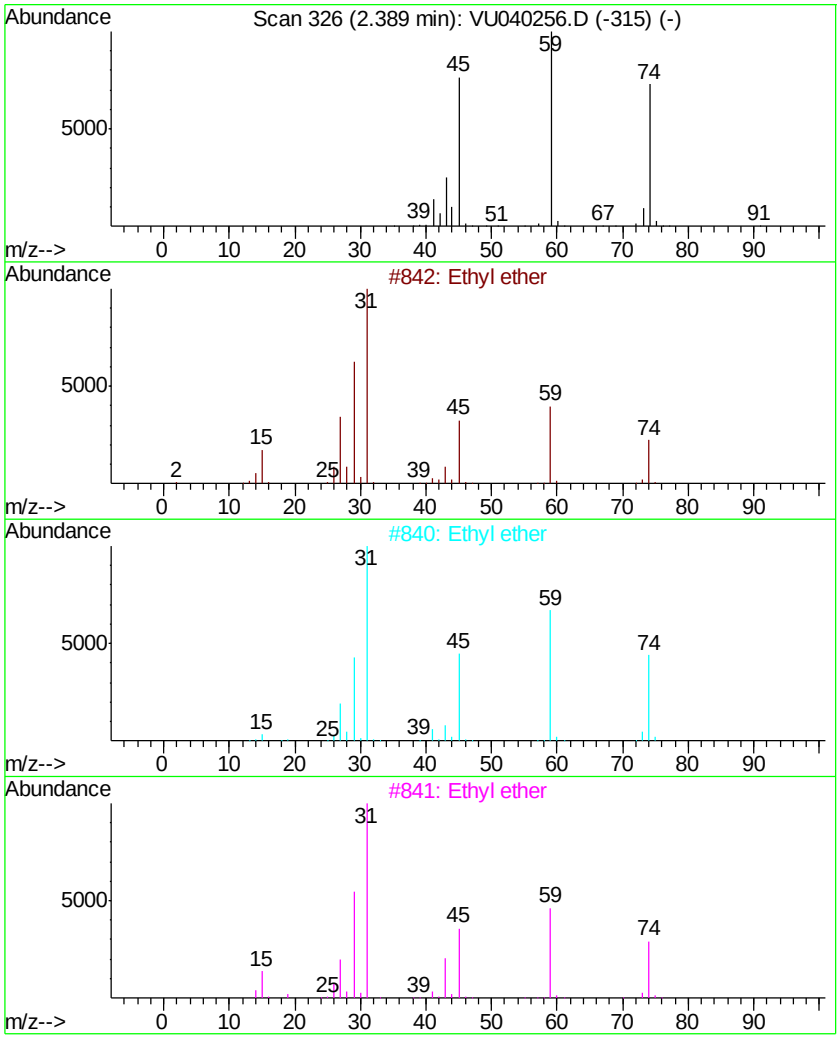
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

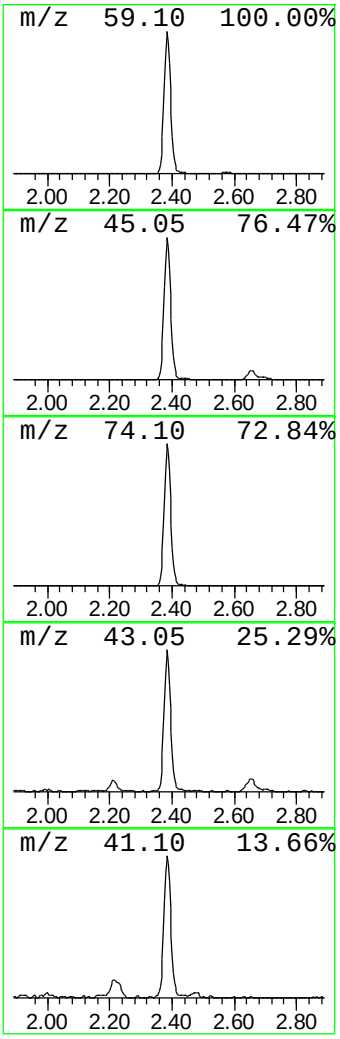
****

Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	4.80 ug/L	415183	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	86
3	Ethyl ether	74	C4H10O	000060-29-7	78
4	Ethyl ether	74	C4H10O	000060-29-7	64
5	Ethyl ether	74	C4H10O	000060-29-7	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092320\
Data File : VU040256.D
Acq On : 23 Sep 2020 13:17
Operator : SY/MD
Sample : L4046-16DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

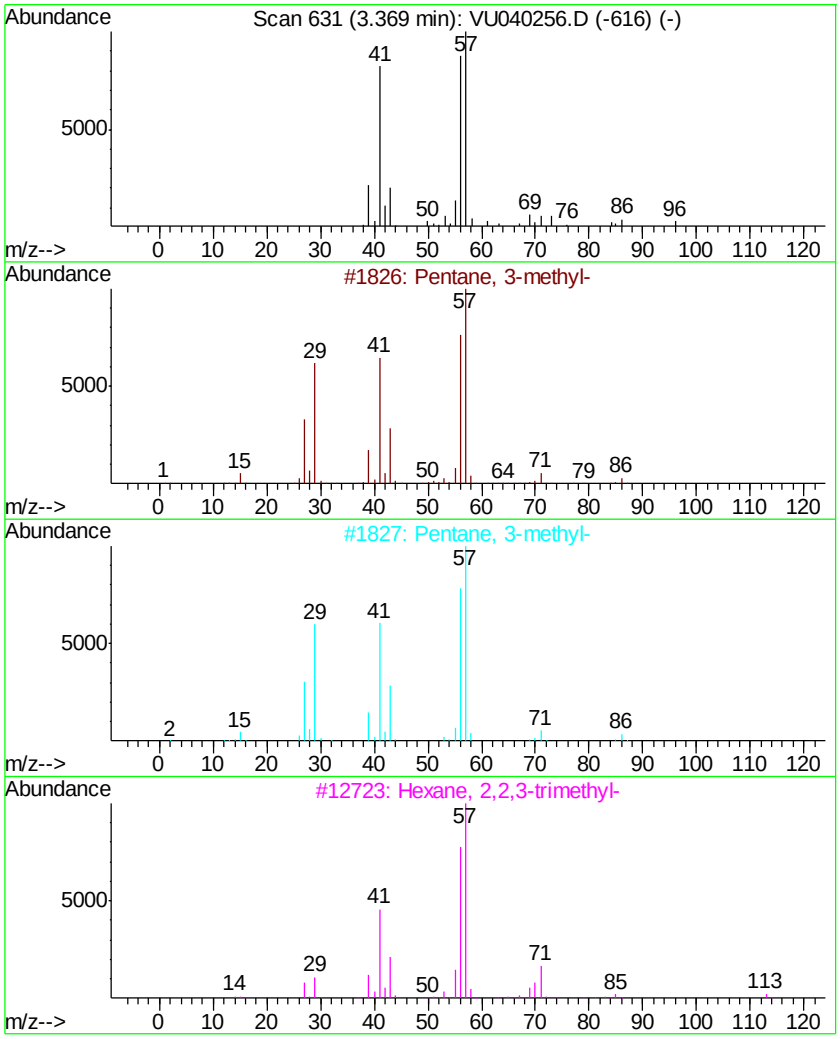
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

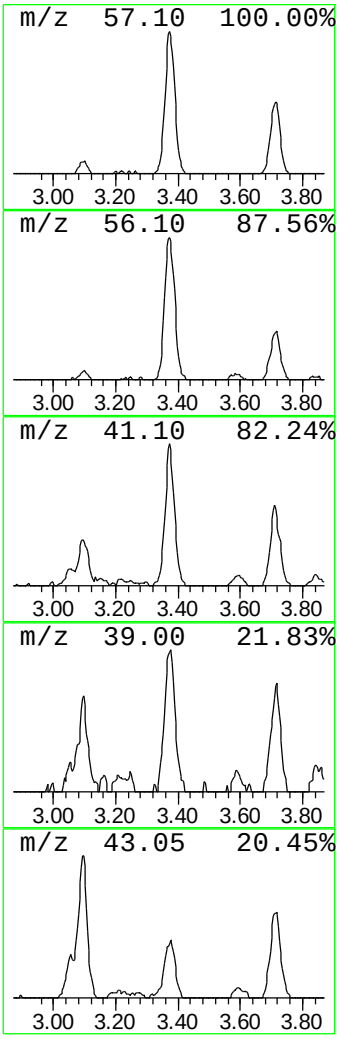
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	0.98 ug/L	84882	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	59
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092320\
Data File : VU040256.D
Acq On : 23 Sep 2020 13:17
Operator : SY/MD
Sample : L4046-16DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

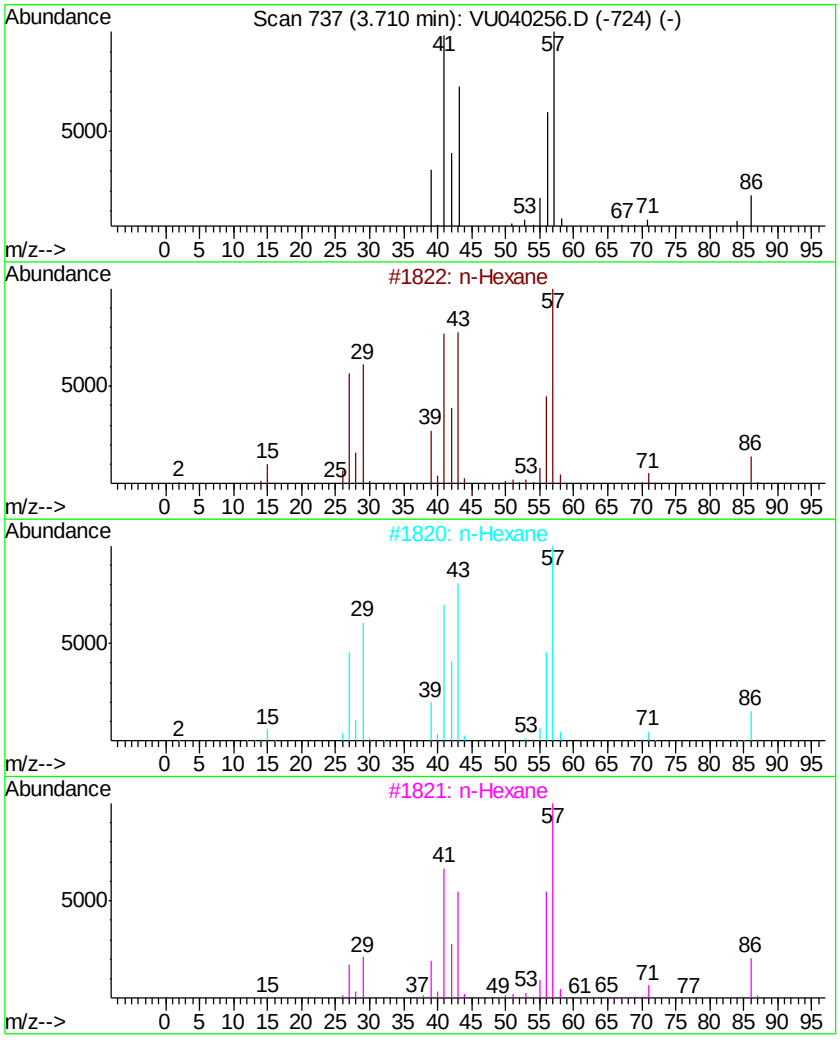
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

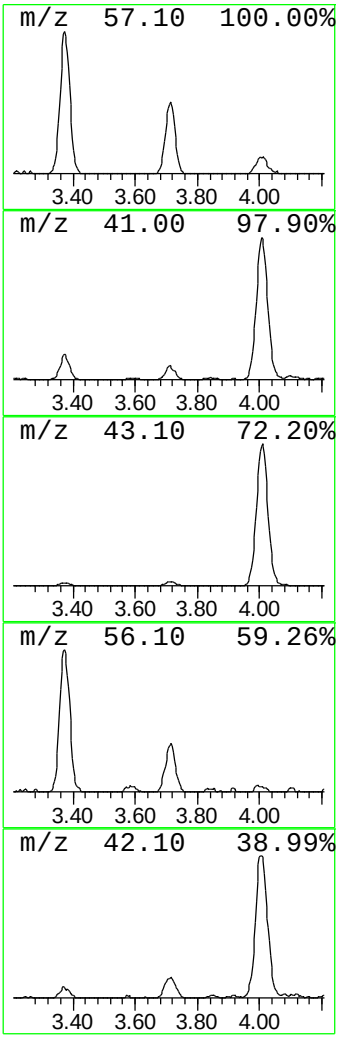
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	0.56 ug/L	48852	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	n-Hexane	86	C6H14	000110-54-3	80
3	n-Hexane	86	C6H14	000110-54-3	64
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	45
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092320\
Data File : VU040256.D
Acq On : 23 Sep 2020 13:17
Operator : SY/MD
Sample : L4046-16DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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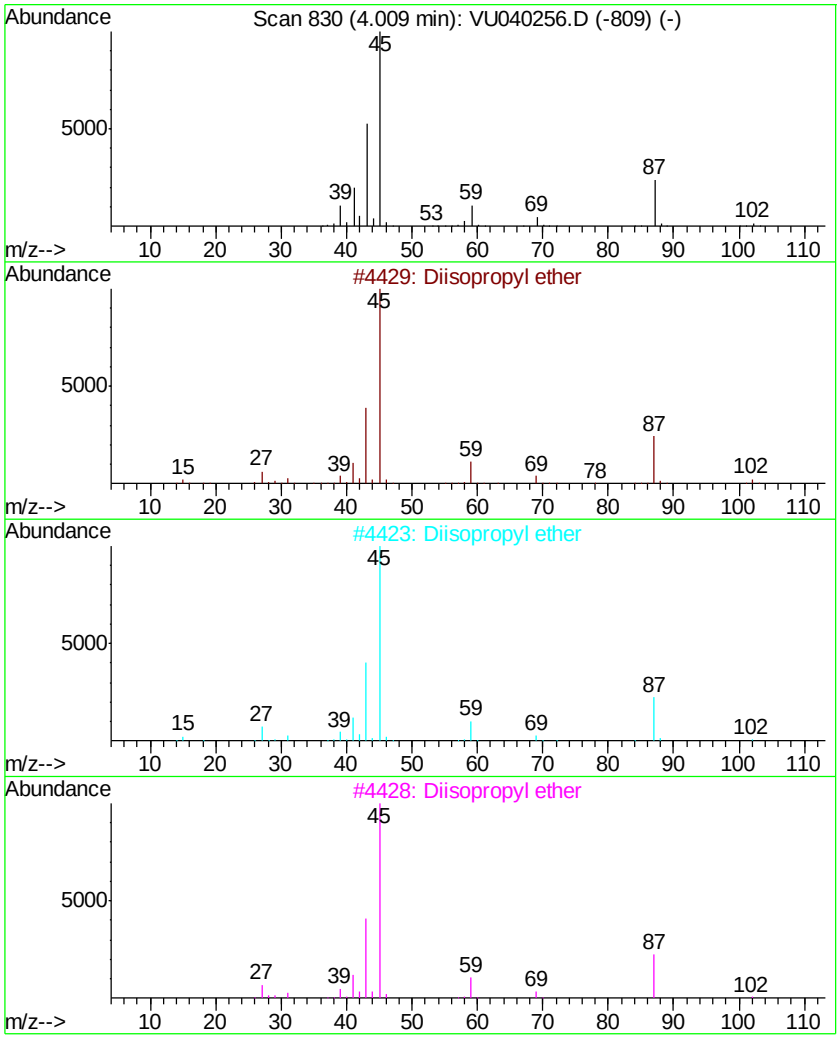
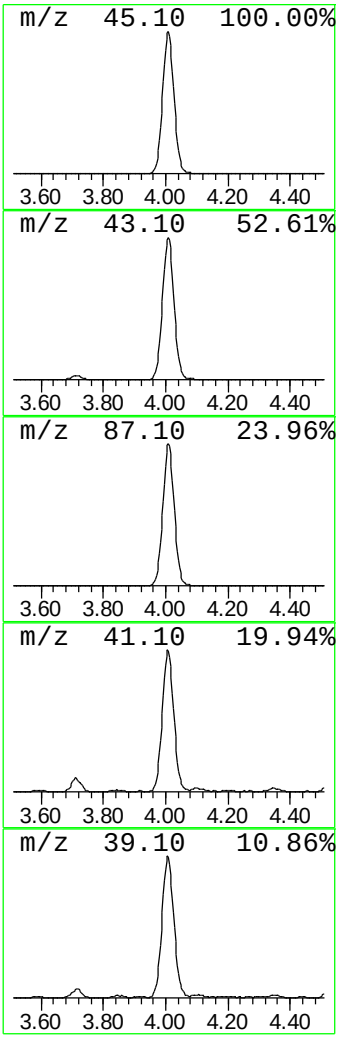
Peak Number 4 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	16.53 ug/L	1430530	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	90
2	Diisopropyl ether	102	C6H14O	000108-20-3	83
3	Diisopropyl ether	102	C6H14O	000108-20-3	83
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	72
5	2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092320\
Data File : VU040256.D
Acq On : 23 Sep 2020 13:17
Operator : SY/MD
Sample : L4046-16DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

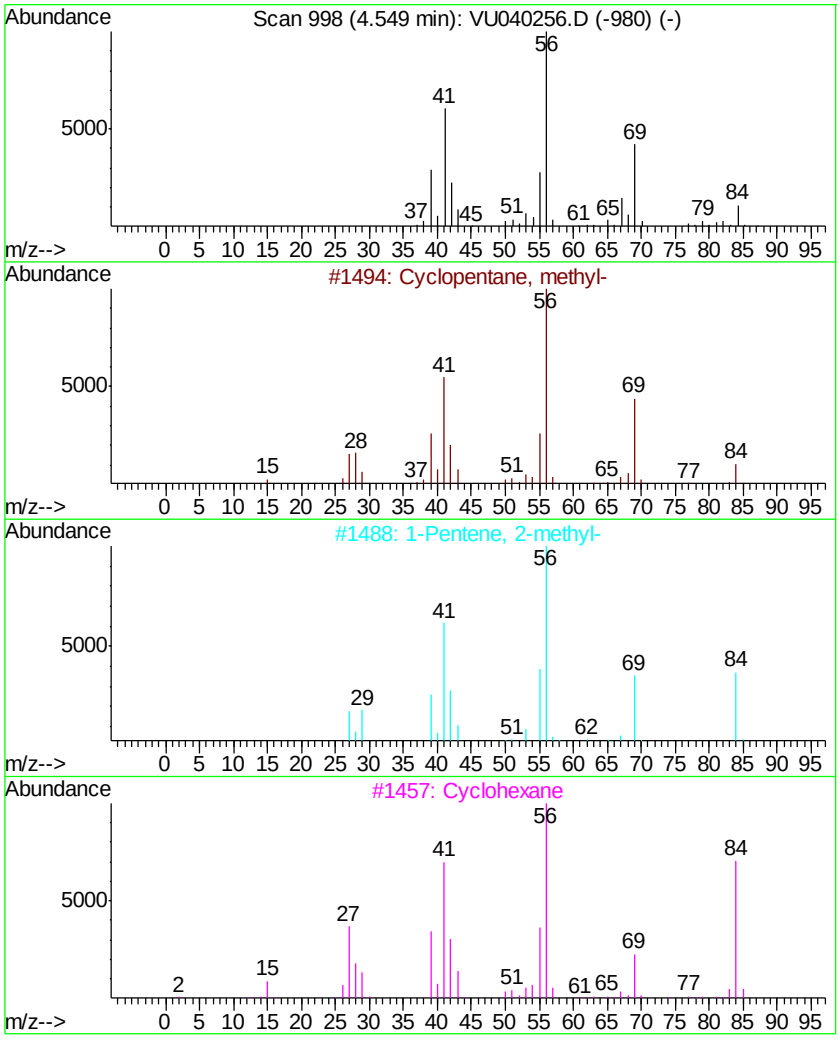
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

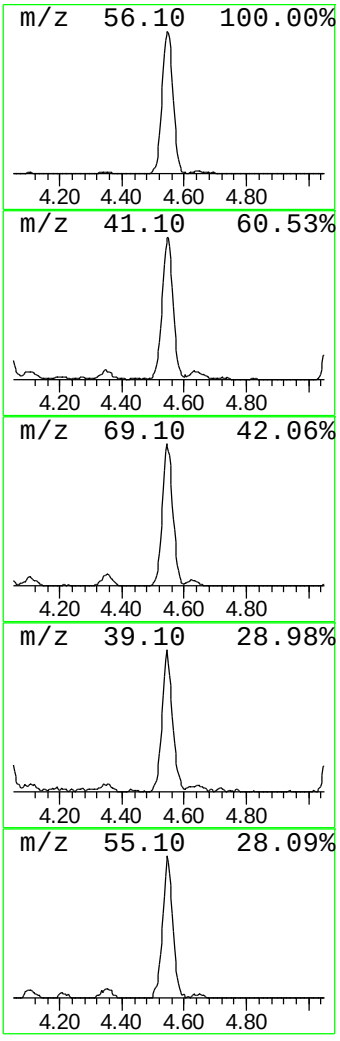
****

Peak Number 5 (DEL) Alkane: Cyclic4.55 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	3.37 ug/L	291750	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	Cyclohexane	84	C6H12	000110-82-7	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
5	Cyclohexane	84	C6H12	000110-82-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092320\
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Acq On : 23 Sep 2020 13:17
Operator : SY/MD
Sample : L4046-16DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

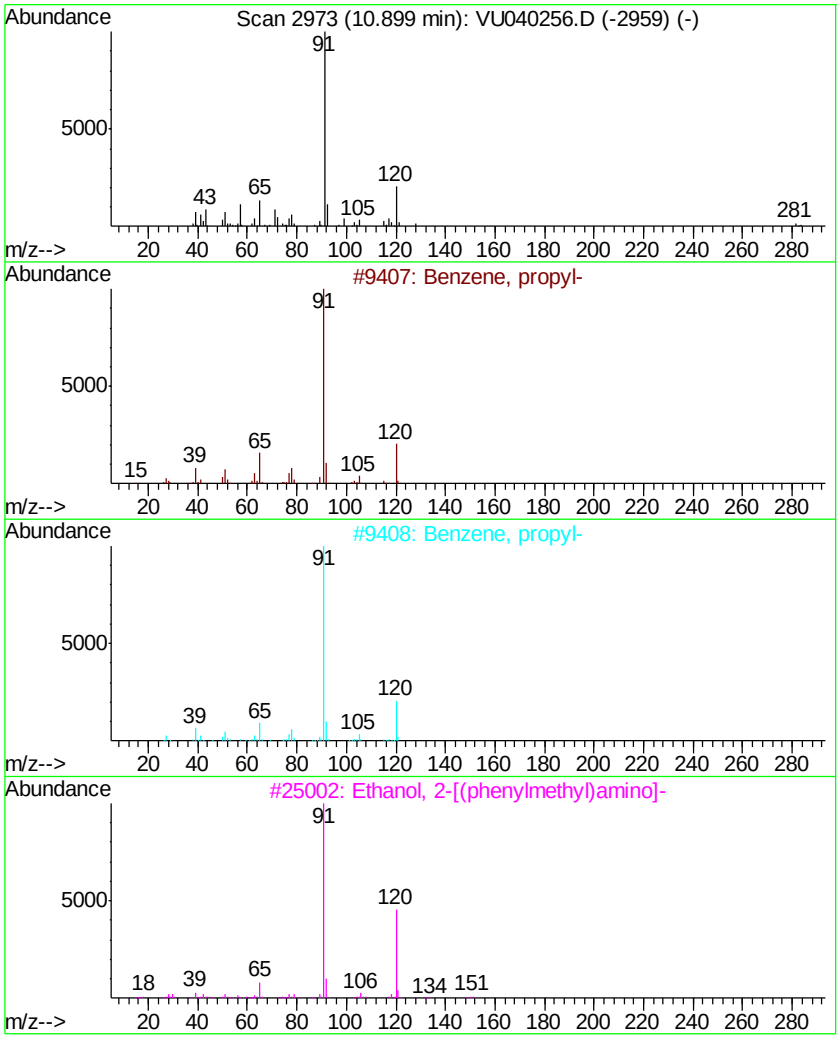
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

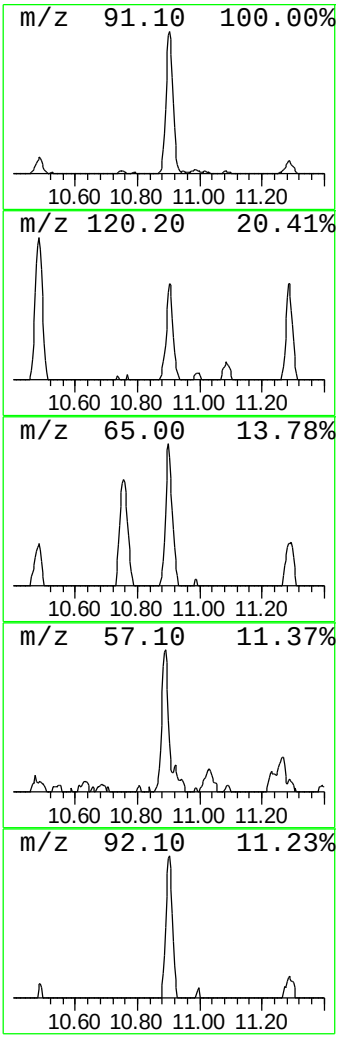
****

Peak Number 7 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	0.67 ug/L	90875	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	64
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	50
4	Benzene, propyl-	120	C9H12	000103-65-1	50
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	50





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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

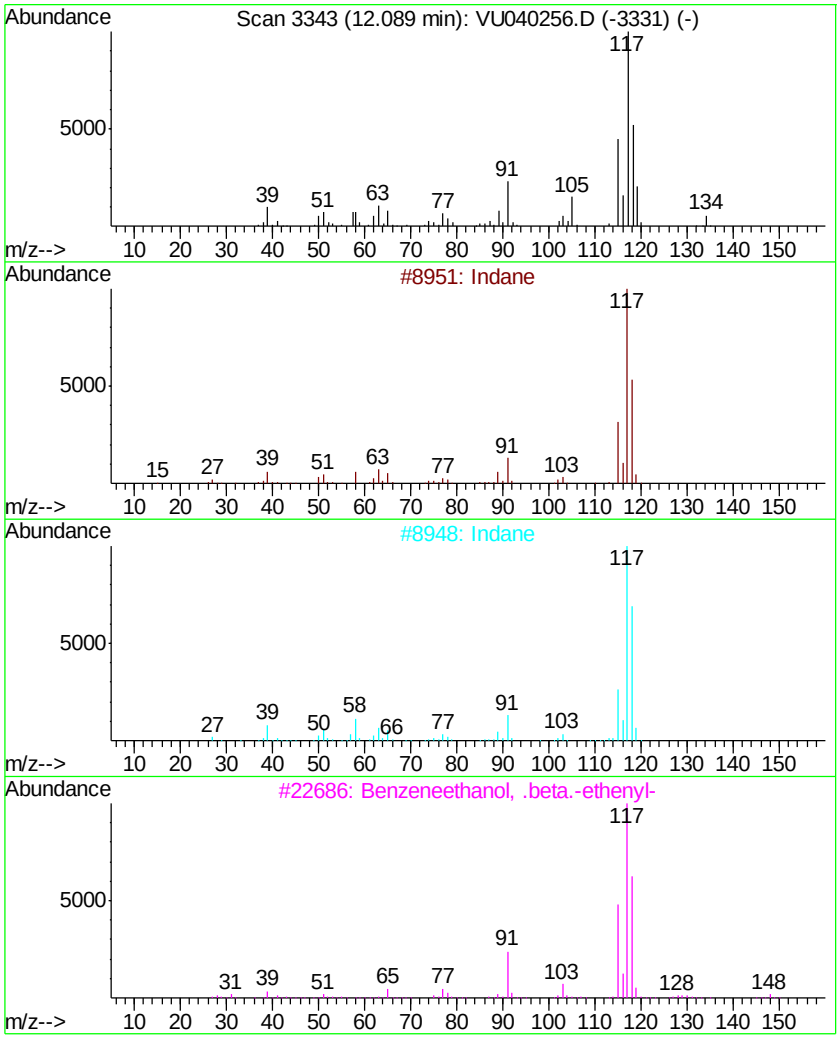
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

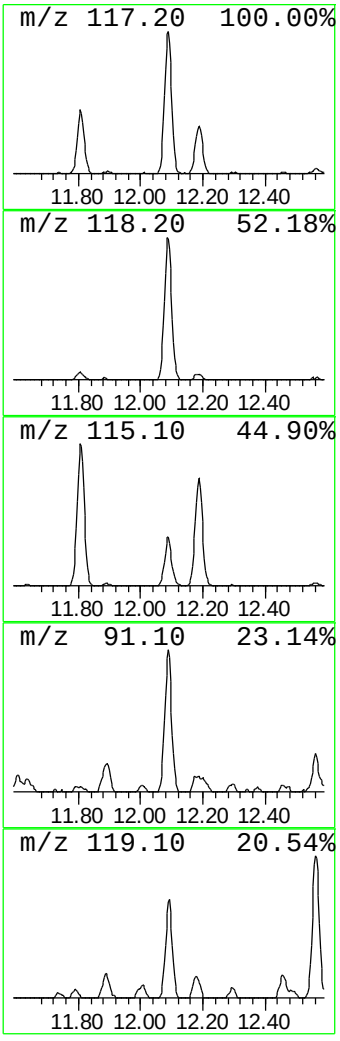
****

Peak Number 8 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	1.26 ug/L	169772	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	64
3	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	64
4	Indane	118	C9H10	000496-11-7	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092320\
Data File : VU040256.D
Acq On : 23 Sep 2020 13:17
Operator : SY/MD
Sample : L4046-16DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl ether	2.39	4.8	ug/L	415183	1	6.26	432652	5.0
(DEL) Alkane: Str...	3.37	1.0	ug/L	84882	1	6.26	432652	5.0
(DEL) Alkane: Str...	3.71	0.6	ug/L	48852	1	6.26	432652	5.0
Diisopropyl ether	4.01	16.5	ug/L	1430530	1	6.26	432652	5.0
(DEL) Alkane: Cyc...	4.55	3.4	ug/L	291750	1	6.26	432652	5.0
Benzene, propyl-	10.90	0.7	ug/L	90875	3	11.81	674528	5.0
Indane	12.09	1.3	ug/L	169772	3	11.81	674528	5.0