LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
Data File : VU040180.D
Acq On : 17 Sep 2020 14:47
Operator : SY/MD
Sample : L4046-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0P1

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	1.398	12	18	27	rVV	12877	14027	2.30%	0.244%
2	1.607	72	83	91	rVB	45989	57196	9.38%	0.995%
3	1.922	173	181	195	rVB	39083	54190	8.89%	0.943%
4	2.231	268	277	283	rVB6	4604	7116	1.17%	0.124%
5	2.388	316	326	346	rVB2	75805	114588	18.80%	1.994%
6	2.581	370	386	399	rBV	77090	128996	21.16%	2.245%
7	2.655	399	409	418	rVB3	3671	6480	1.06%	0.113%
8	3.064	525	536	545	rBV5	4269	8042	1.32%	0.140%
9	3.382	623	635	652	rVB4	15700	36209	5.94%	0.630%
10	4.015	811	832	855	rBV2	233395	609611	100.00%	10.609%
11	4.356	926	938	954	rVB5	5515	12851	2.11%	0.224%
12	4.649	1014	1029	1061	rBV	76866	204164	33.49%	3.553%
13	5.083	1149	1164	1190	rBV3	83614	201453	33.05%	3.506%
14	5.742	1348	1369	1379	rBV2	140885	380195	62.37%	6.616%
15	6.263	1514	1531	1553	rBV	148577	278130	45.62%	4.840%
16	6.703	1654	1668	1686	rBV	95327	179870	29.51%	3.130%
17	7.575	1926	1939	1951	rBV2	46521	84396	13.84%	1.469%
18	7.906	2020	2042	2057	rBV	156472	274599	45.04%	4.779%
19	8.186	2116	2129	2140	rBV2	31756	52133	8.55%	0.907%
20	8.247	2140	2148	2157	rVV5	6163	9836	1.61%	0.171%
21	8.369	2175	2186	2197	rVB7	3458	6381	1.05%	0.111%
22	8.639	2257	2270	2300	rBV	267348	475122	77.94%	8.268%
23	9.420	2500	2513	2517	rBV	227380	362945	59.54%	6.316%
24	9.449	2518	2522	2537	rVB	274283	388016	63.65%	6.752%
25	9.693	2586	2598	2613	rBV	5729	14063	2.31%	0.245%
26	10.038	2693	2705	2707	rBV6	4364	6596	1.08%	0.115%
27	10.272	2771	2778	2786	rVB6	7325	11791	1.93%	0.205%
28	10.372	2801	2809	2823	rVB9	3419	6537	1.07%	0.114%
29	10.484	2834	2844	2852	rBV3	6108	9211	1.51%	0.160%
30	10.693	2900	2909	2917	rBV8	6660	10885	1.79%	0.189%
31	10.755	2917	2928	2939	rVV	76000	125217	20.54%	2.179%
32	10.812	2939	2946	2956	rVB7	7453	12093	1.98%	0.210%
33	11.025	3002	3012	3019	rVB9	4607	8175	1.34%	0.142%
34	11.301	3091	3098	3111	rVB9	5815	11255	1.85%	0.196%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
Data File : VU040180.D
Acq On : 17 Sep 2020 14:47
Operator : SY/MD
Sample : L4046-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0P1

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	11.414	3119	3133	3142	rBV2	15036	23075	3.79%	0.402%
36	11.603	3182	3192	3198	rBV4	12524	22589	3.71%	0.393%
37	11.636	3198	3202	3219	rVB3	13606	20969	3.44%	0.365%
38	11.806	3244	3255	3272	rBV2	228201	458195	75.16%	7.974%
39	11.880	3272	3278	3286	rVB6	12588	18867	3.09%	0.328%
40	12.086	3336	3342	3351	rVB4	6702	10295	1.69%	0.179%
41	12.185	3360	3373	3391	rVB	211449	386235	63.36%	6.721%
42	12.536	3470	3482	3494	rBV10	7748	16958	2.78%	0.295%
43	12.626	3498	3510	3518	rVV9	9622	17610	2.89%	0.306%
44	12.677	3518	3526	3533	rVV6	4487	6490	1.06%	0.113%
45	12.754	3543	3550	3559	rVV4	9359	14859	2.44%	0.259%
46	12.854	3573	3581	3592	rVV3	40146	65129	10.68%	1.133%
47	12.935	3595	3606	3611	rBV6	7862	12757	2.09%	0.222%
48	12.970	3611	3617	3627	rVB5	4462	7134	1.17%	0.124%
49	13.108	3649	3660	3673	rVB2	13674	21345	3.50%	0.371%
50	13.240	3679	3701	3711	rBV3	23868	43751	7.18%	0.761%
51	13.317	3715	3725	3732	rVV3	11345	16576	2.72%	0.288%
52	13.385	3737	3746	3755	rVB5	5544	8702	1.43%	0.151%
53	13.516	3779	3787	3795	rVB4	10279	15494	2.54%	0.270%
54	13.578	3799	3806	3816	rBV9	7558	13162	2.16%	0.229%
55	13.758	3857	3862	3872	rVB6	4047	6456	1.06%	0.112%
56	13.873	3890	3898	3902	rVV2	21378	33365	5.47%	0.581%
57	13.899	3903	3906	3911	rVV	18619	23920	3.92%	0.416%
58	13.928	3912	3915	3924	rVV2	18505	23324	3.83%	0.406%
59	13.983	3924	3932	3944	rVB8	9172	16247	2.67%	0.283%
60	14.179	3983	3993	4004	rVB3	37011	58394	9.58%	1.016%
61	14.275	4013	4023	4032	rVV3	38083	59305	9.73%	1.032%
62	14.343	4032	4044	4052	rVV3	10096	18696	3.07%	0.325%
63	14.459	4071	4080	4088	rBV6	8841	12338	2.02%	0.215%
64	14.507	4088	4095	4103	rVB5	16647	24660	4.05%	0.429%
65	14.860	4192	4205	4217	rBV7	7658	15770	2.59%	0.274%
66	15.015	4244	4253	4261	rBV5	8096	14516	2.38%	0.253%
67	15.150	4286	4295	4301	rBV7	7271	11810	1.94%	0.206%
68	15.256	4320	4328	4338	rVB4	19057	28340	4.65%	0.493%
69	15.410	4362	4376	4386	rBV3	18612	36642	6.01%	0.638%

Sum of corrected areas: 5746344

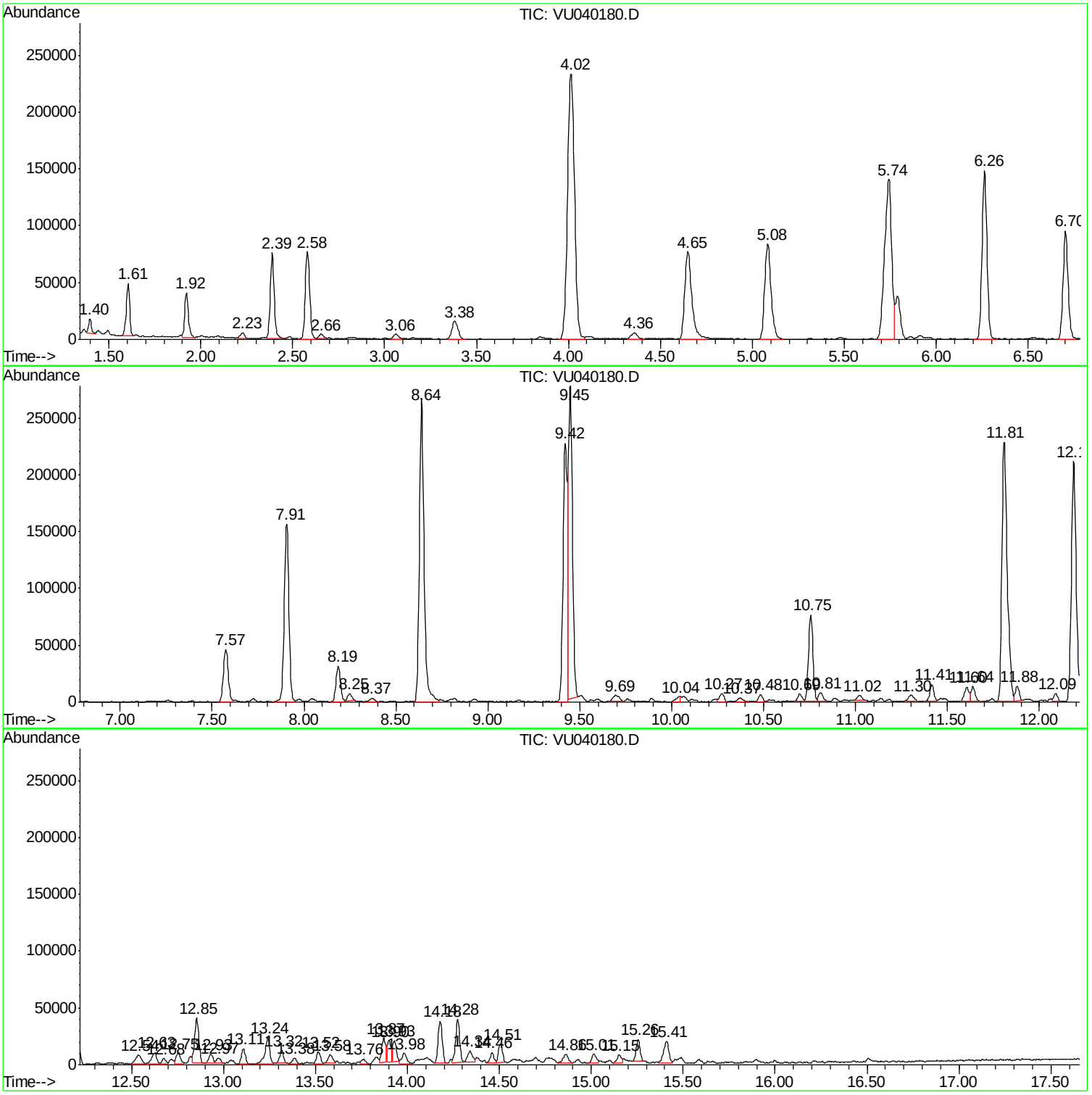
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
Data File : VU040180.D
Acq On : 17 Sep 2020 14:47
Operator : SY/MD
Sample : L4046-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0P1

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\VU091720\
Data File : VU040180.D
Acq On : 17 Sep 2020 14:47
Operator : SY/MD
Sample : L4046-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0P1

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

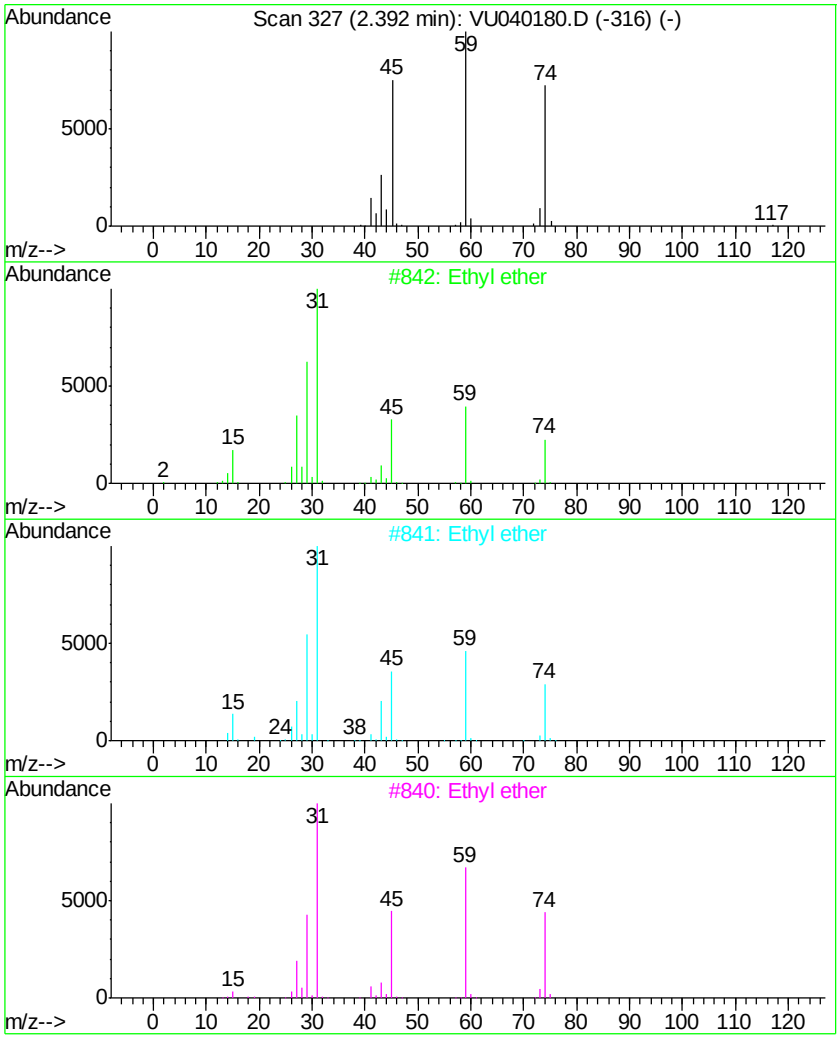
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

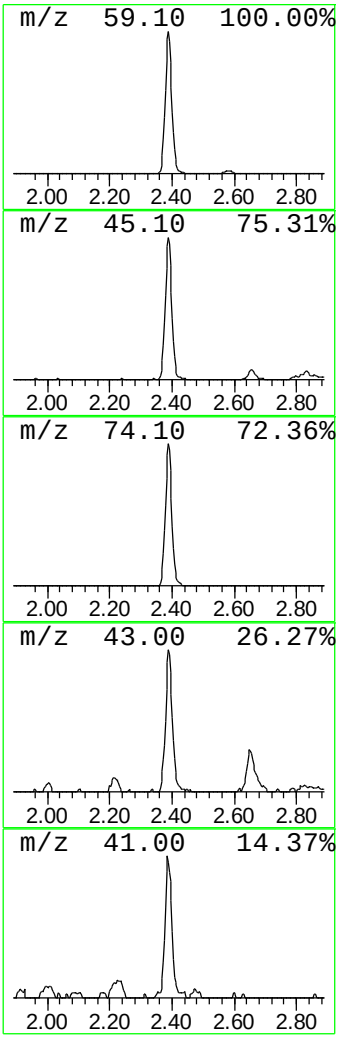
****

Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	2.06 ug/L	114588	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	90
3	Ethyl ether	74	C4H10O	000060-29-7	86
4	Ethyl ether	74	C4H10O	000060-29-7	83
5	Ethyl ether	74	C4H10O	000060-29-7	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
Data File : VU040180.D
Acq On : 17 Sep 2020 14:47
Operator : SY/MD
Sample : L4046-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0P1

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

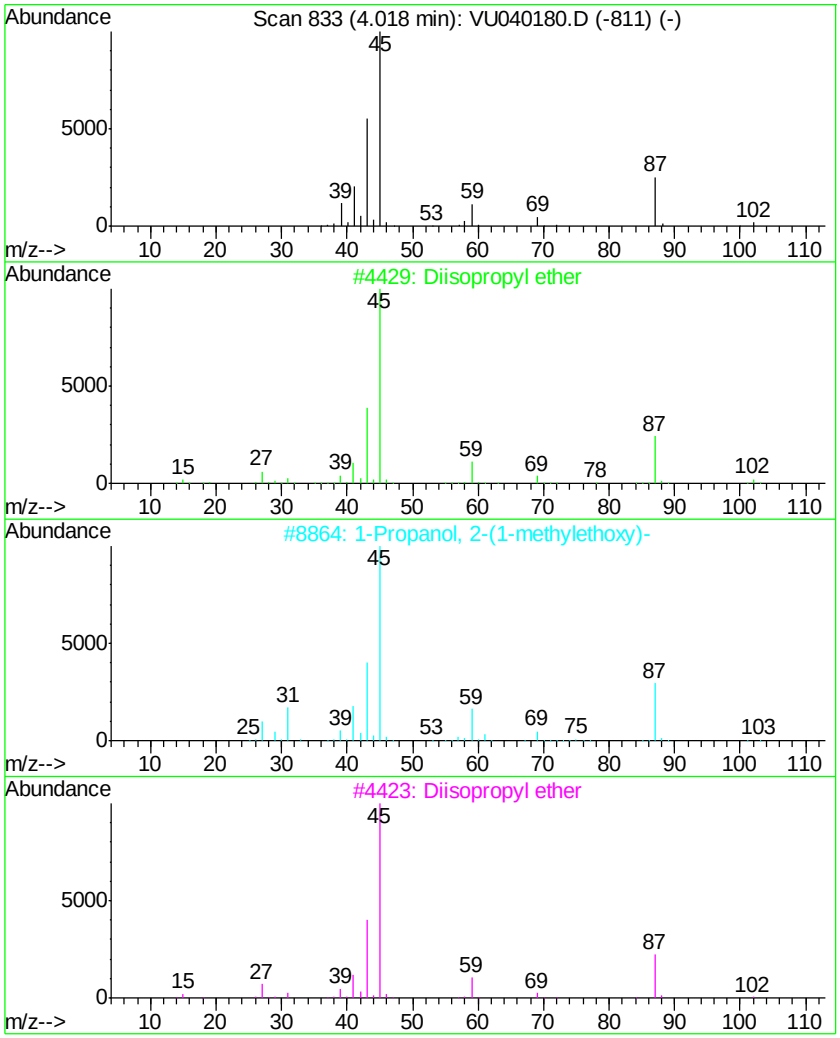
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

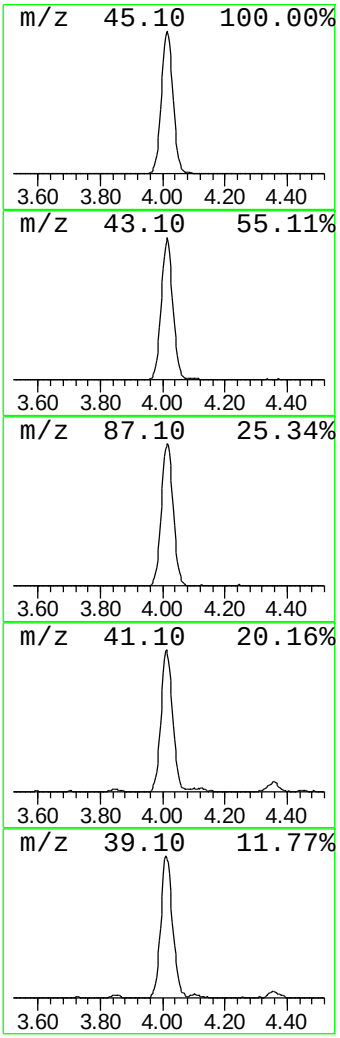
****

Peak Number 2 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	10.96 ug/L	609611	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	90
2	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
3	Diisopropyl ether	102	C6H14O	000108-20-3	74
4	Diisopropyl ether	102	C6H14O	000108-20-3	74
5	Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
Data File : VU040180.D
Acq On : 17 Sep 2020 14:47
Operator : SY/MD
Sample : L4046-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0P1

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

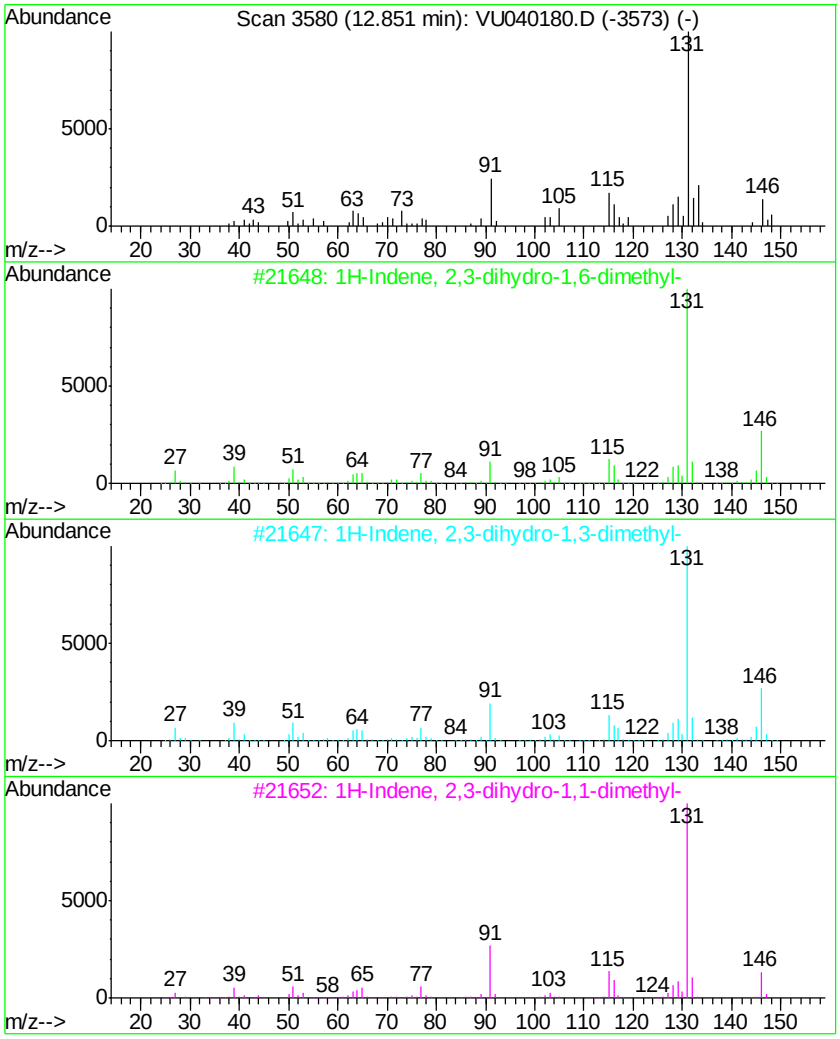
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

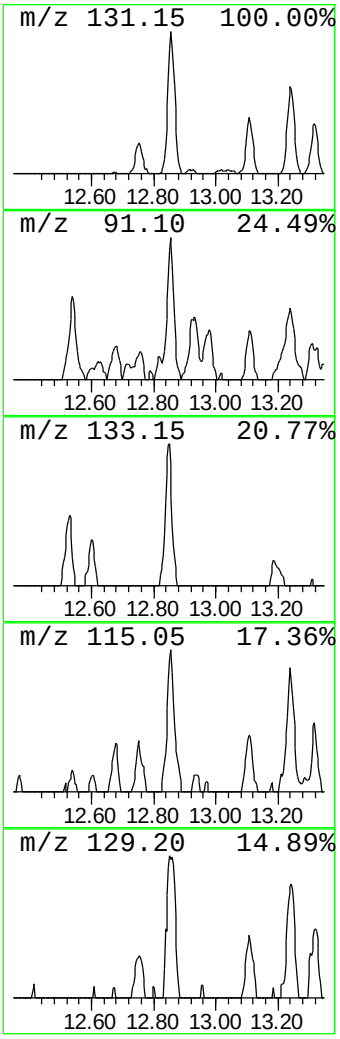
****

Peak Number 4 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	0.71 ug/L	65129	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
Data File : VU040180.D
Acq On : 17 Sep 2020 14:47
Operator : SY/MD
Sample : L4046-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0P1

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

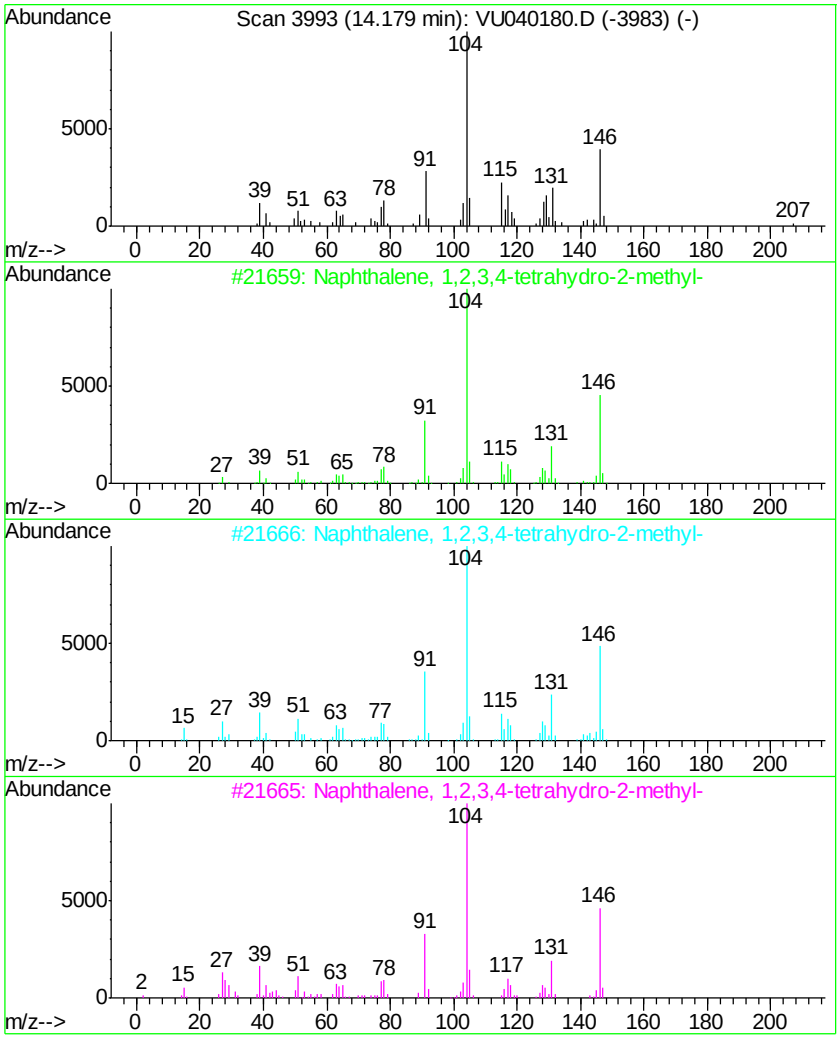
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

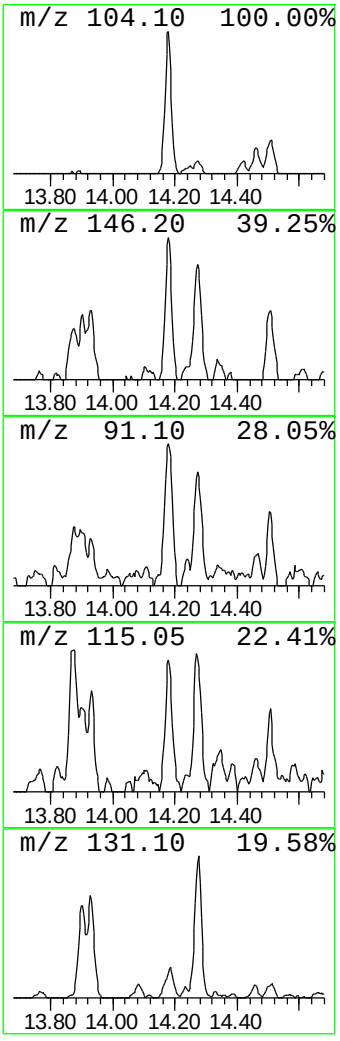
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	0.64 ug/L	58394	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	80
5	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091720\
Data File : VU040180.D
Acq On : 17 Sep 2020 14:47
Operator : SY/MD
Sample : L4046-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0P1

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

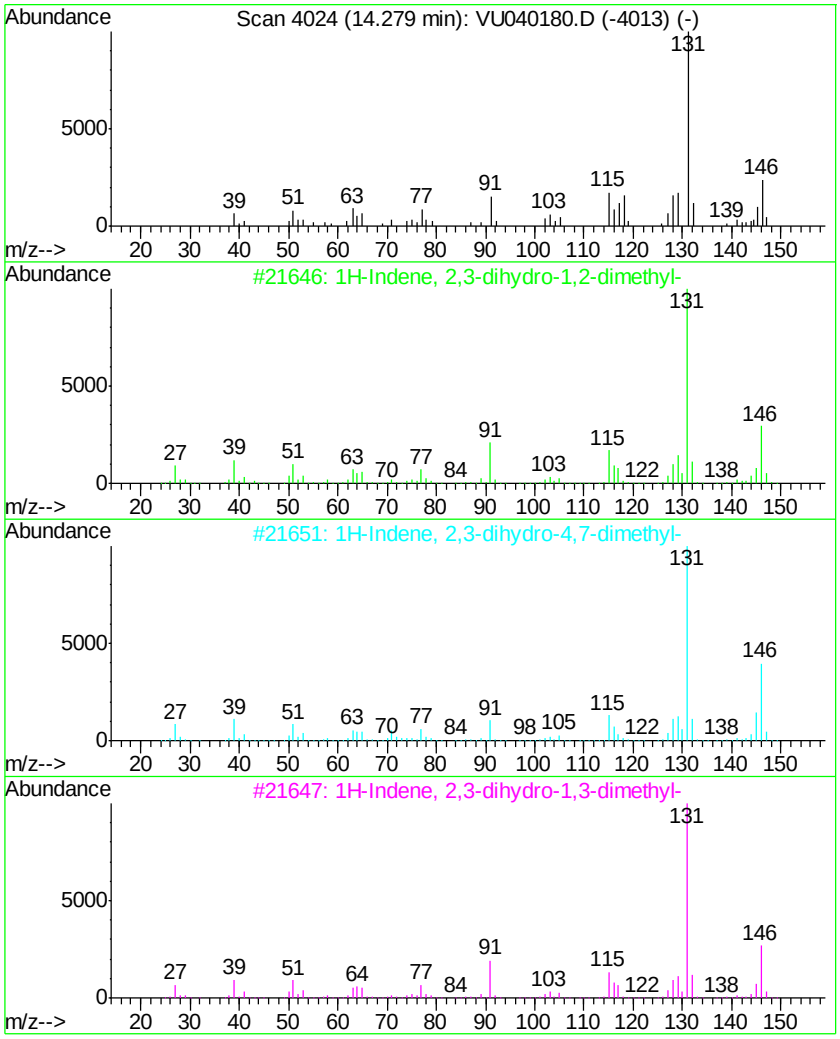
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

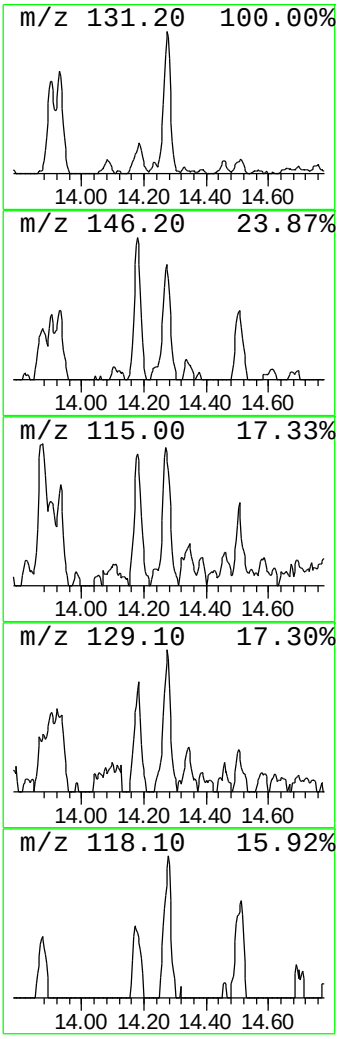
****

Peak Number 6 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	0.65 ug/L	59305	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091720\
Data File : VU040180.D
Acq On : 17 Sep 2020 14:47
Operator : SY/MD
Sample : L4046-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0P1

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	2.1	ug/L	114588	1	6.26	278130	5.0
Diisopropyl ether	4.02	11.0	ug/L	609611	1	6.26	278130	5.0
1H-Indene, 2,3-di...	12.85	0.7	ug/L	65129	3	11.81	458195	5.0
Naphthalene, 1,2,...	14.18	0.6	ug/L	58394	3	11.81	458195	5.0
1H-Indene, 2,3-di...	14.28	0.7	ug/L	59305	3	11.81	458195	5.0