LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
Data File : VV017040.D
Acq On : 23 Jun 2020 00:33
Operator : SY/MD
Sample : L3067-16
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH3

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_V\METHOD\SOMVTR061720WMA.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	1.113	3	7	21	rVB2	27864	27818	1.97%	0.287%
2	1.312	60	69	77	rBV2	110981	123772	8.76%	1.279%
3	1.515	109	132	134	rBV2	13626	38206	2.70%	0.395%
4	1.573	144	150	162	rVB	50861	62612	4.43%	0.647%
5	2.119	310	320	332	rBV	115970	167699	11.87%	1.733%
6	2.772	514	523	535	rVB	40529	69519	4.92%	0.718%
7	3.203	646	657	673	rVB	63647	132339	9.37%	1.368%
8	3.319	681	693	710	rVB2	41200	103796	7.35%	1.073%
9	3.933	867	884	923	rBV2	298213	866615	61.35%	8.956%
10	4.376	1007	1022	1041	rVB2	100224	247219	17.50%	2.555%
11	4.627	1082	1100	1111	rBV6	12270	32318	2.29%	0.334%
12	5.068	1221	1237	1246	rBV2	252166	584074	41.35%	6.036%
13	5.119	1247	1253	1274	rVB	238700	493948	34.97%	5.104%
14	5.640	1398	1415	1432	rBV	218713	448058	31.72%	4.630%
15	5.936	1495	1507	1520	rBV3	36961	74235	5.26%	0.767%
16	6.097	1543	1557	1570	rBV2	128285	265857	18.82%	2.747%
17	6.203	1582	1590	1602	rVB2	8750	18630	1.32%	0.193%
18	7.010	1830	1841	1858	rBV2	64152	121409	8.59%	1.255%
19	7.283	1914	1926	1931	rBV8	9908	17843	1.26%	0.184%
20	7.334	1931	1942	1960	rVB	292569	506645	35.87%	5.236%
21	7.646	2029	2039	2059	rVB	37197	79865	5.65%	0.825%
22	8.119	2174	2186	2216	rBV	220719	477852	33.83%	4.938%
23	8.309	2238	2245	2254	rVB4	9554	15451	1.09%	0.160%
24	8.875	2409	2421	2441	rBV2	332032	623040	44.11%	6.439%
25	9.952	2747	2756	2765	rBV4	11217	18318	1.30%	0.189%
26	10.241	2835	2846	2856	rBV2	87120	139001	9.84%	1.436%
27	10.289	2857	2861	2870	rVB6	11087	17674	1.25%	0.183%
28	10.376	2878	2888	2902	rBV4	18477	32442	2.30%	0.335%
29	10.502	2914	2927	2940	rBV	135685	230759	16.34%	2.385%
30	11.106	3110	3115	3125	rVB3	25094	39108	2.77%	0.404%
31	11.209	3137	3147	3155	rBV4	10350	18270	1.29%	0.189%
32	11.270	3155	3166	3184	rVV	353237	568660	40.26%	5.877%
33	11.476	3220	3230	3241	rBV3	16910	30342	2.15%	0.314%
34	11.550	3241	3253	3272	rVV	828649	1412582	100.00%	14.598%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
Data File : VV017040.D
Acq On : 23 Jun 2020 00:33
Operator : SY/MD
Sample : L3067-16
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH3

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_V\METHOD\SOMVTR061720WMA.M
Title : TRACE VOA SOM01.0

35	11.649	3272	3284	3304	rVB3	386081	864370	61.19%	8.932%
36	11.768	3312	3321	3335	rVB4	26840	45459	3.22%	0.470%
37	11.842	3335	3344	3354	rBV	10455	17896	1.27%	0.185%
38	12.067	3404	3414	3425	rBV	23256	36683	2.60%	0.379%
39	12.138	3425	3436	3444	rVV	39399	62668	4.44%	0.648%
40	12.337	3486	3498	3511	rVB5	16627	40054	2.84%	0.414%
41	12.707	3604	3613	3620	rBV10	10148	18240	1.29%	0.188%
42	12.749	3620	3626	3634	rVB2	11410	15895	1.13%	0.164%
43	12.907	3666	3675	3687	rVB	55270	89284	6.32%	0.923%
44	13.292	3788	3795	3803	rVV3	11755	17320	1.23%	0.179%
45	13.392	3821	3826	3837	rVB3	19372	30230	2.14%	0.312%
46	13.485	3846	3855	3869	rBV3	15238	35755	2.53%	0.369%
47	13.627	3889	3899	3911	rVB5	38856	67509	4.78%	0.698%
48	13.733	3923	3932	3938	rBV4	19566	32011	2.27%	0.331%
49	13.791	3944	3950	3958	rBV9	14532	23700	1.68%	0.245%
50	13.833	3958	3963	3976	rVB9	11818	20556	1.46%	0.212%
51	13.929	3986	3993	4006	rVB9	10471	22616	1.60%	0.234%
52	14.025	4017	4023	4035	rVB3	29866	45415	3.22%	0.469%
53	14.315	4108	4113	4126	rVB3	10224	17371	1.23%	0.180%
54	14.456	4148	4157	4168	rBV8	20936	36514	2.58%	0.377%
55	15.530	4480	4491	4505	rVB3	17947	31246	2.21%	0.323%

Sum of corrected areas: 9676768

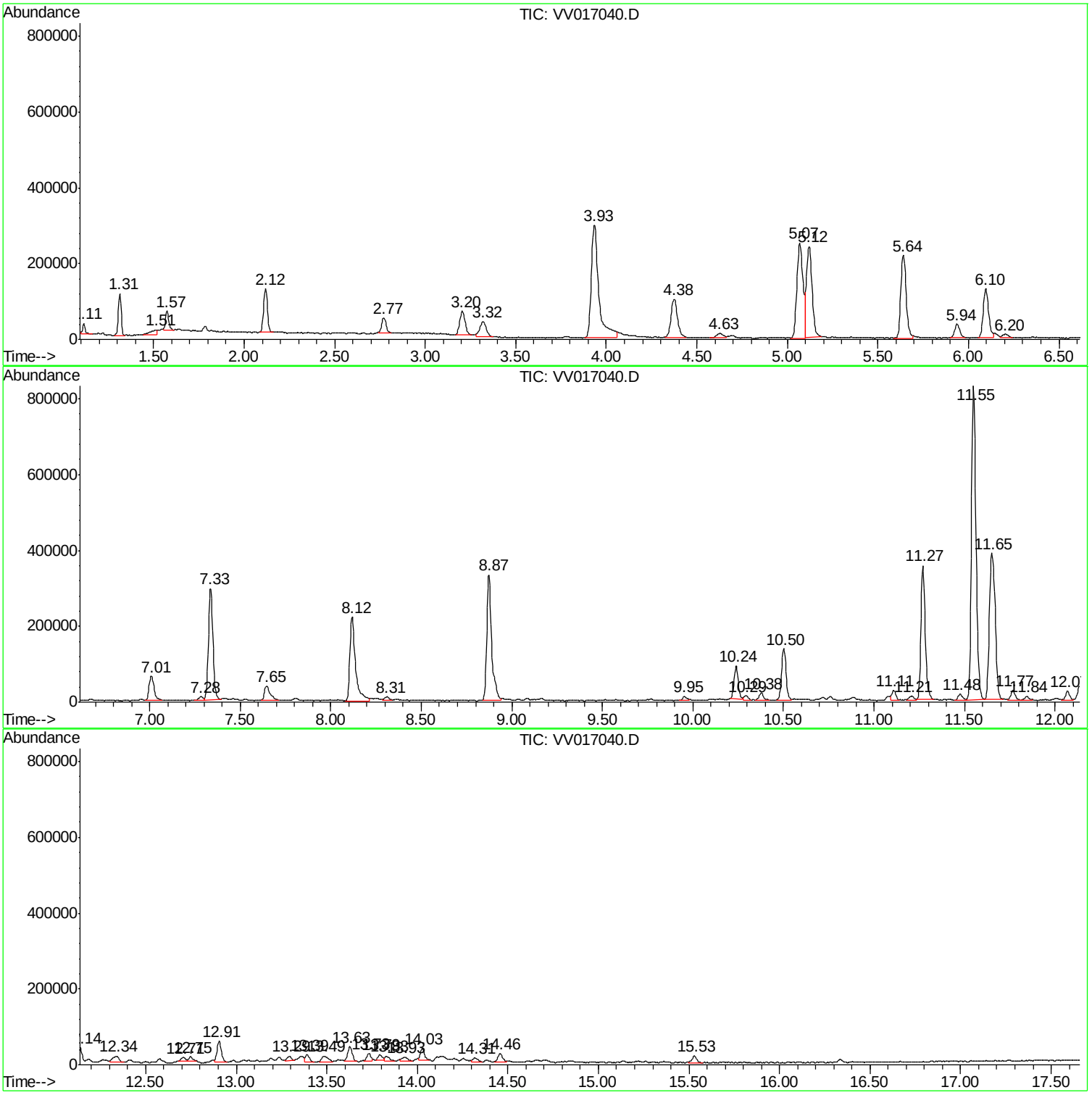
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017040.D
Acq On : 23 Jun 2020 00:33
Operator : SY/MD
Sample : L3067-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017040.D
Acq On : 23 Jun 2020 00:33
Operator : SY/MD
Sample : L3067-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

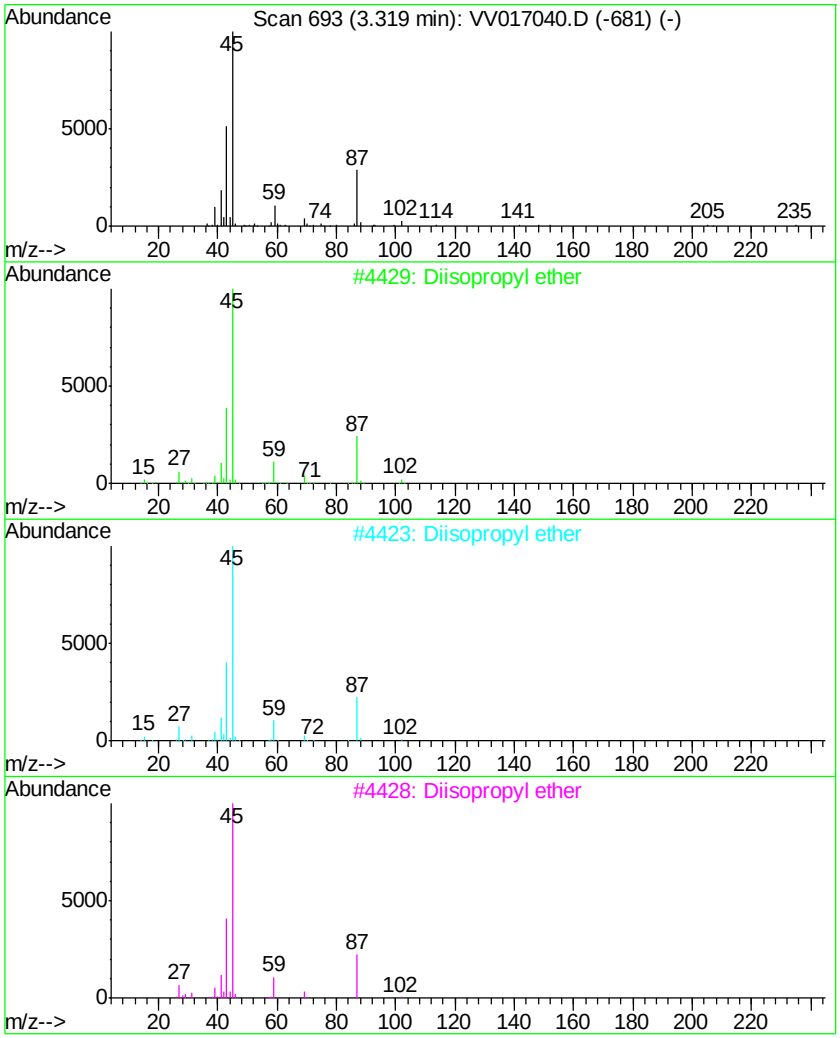
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

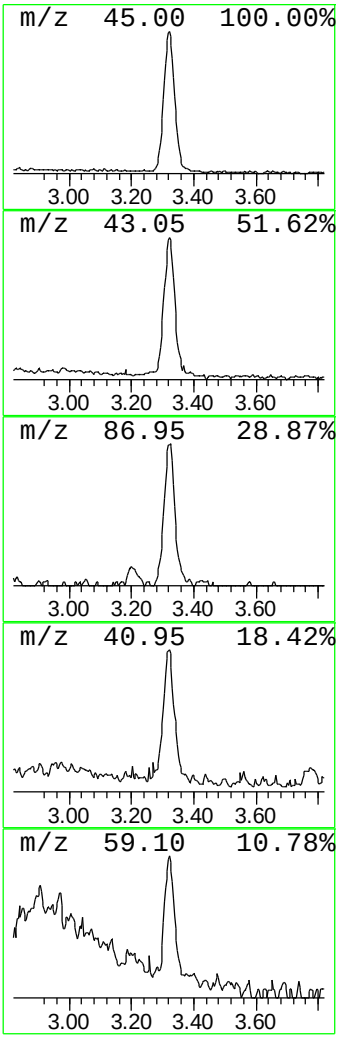
****

Peak Number 1 Diisopropyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	1.16 ug/L	103796	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	86
2	Diisopropyl ether	102	C6H14O	000108-20-3	78
3	Diisopropyl ether	102	C6H14O	000108-20-3	56
4	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	56
5	Propane, 2,2'-[ethylidenebis(oxy...	146	C8H18O2	004285-59-0	56





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017040.D
Acq On : 23 Jun 2020 00:33
Operator : SY/MD
Sample : L3067-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

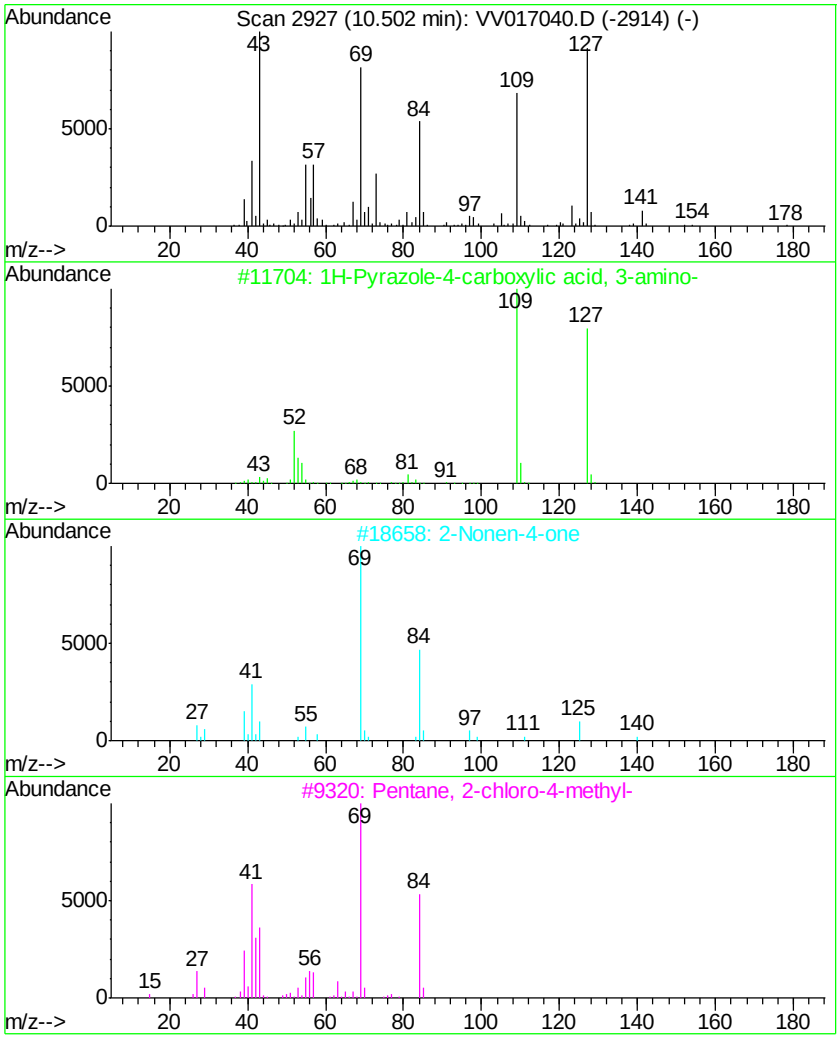
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

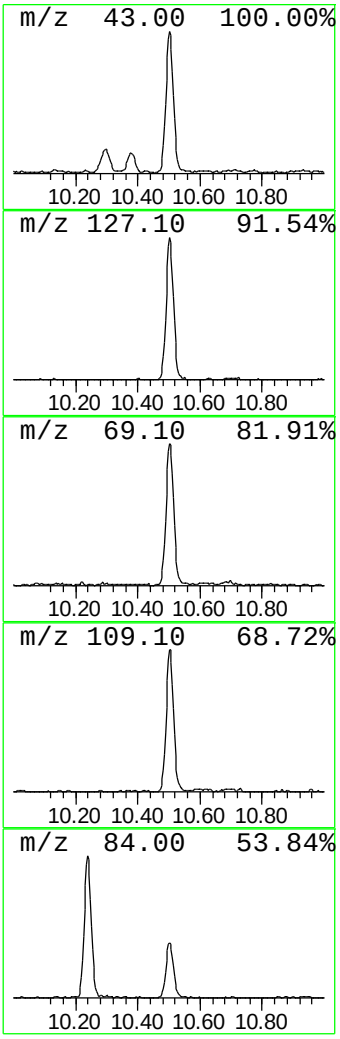
****

Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	2.03 ug/L	230759	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole-4-carboxylic acid, 3...	127	C4H5N3O2	041680-34-6	35
2	2-Nonen-4-one	140	C9H16O	032064-72-5	27
3	Pentane, 2-chloro-4-methyl-	120	C6H13Cl	025346-32-1	27
4	2-Thiophenecarboxaldehyde, oxime	127	C5H5NOS	029683-84-9	25
5	2-Methylcyclohexyl isopropylphos...	222	C10H20FO2P	1000298-26-2	14





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017040.D
Acq On : 23 Jun 2020 00:33
Operator : SY/MD
Sample : L3067-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

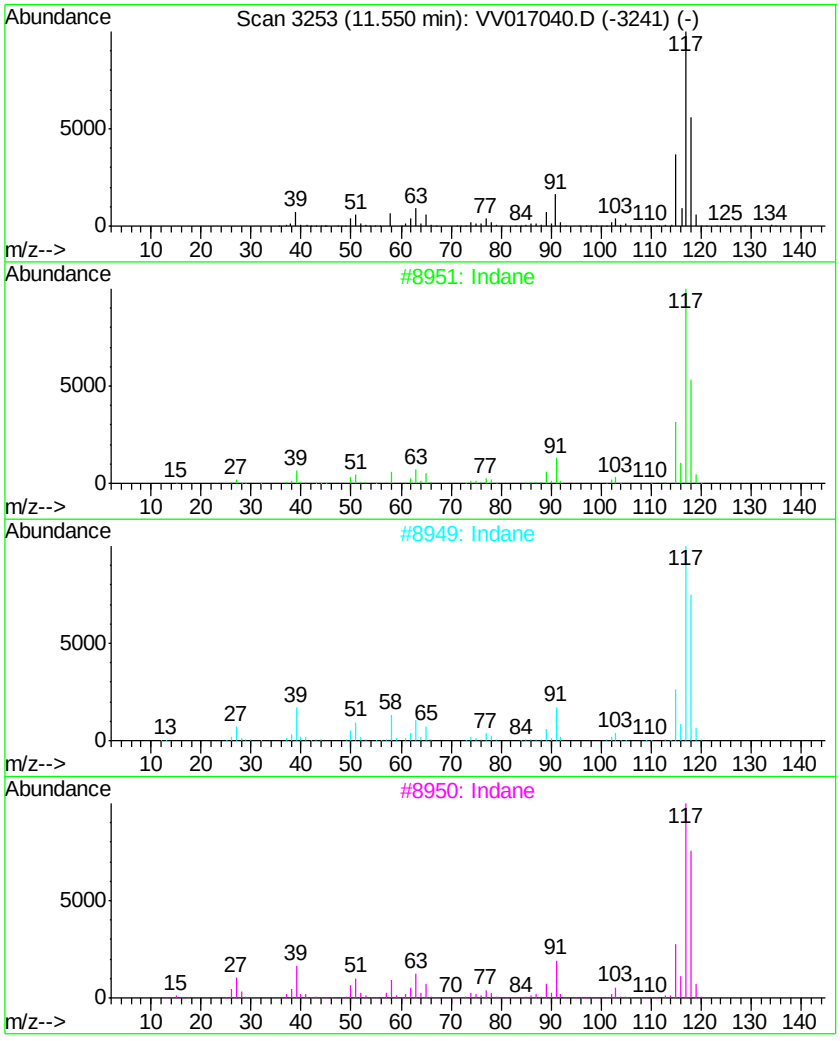
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

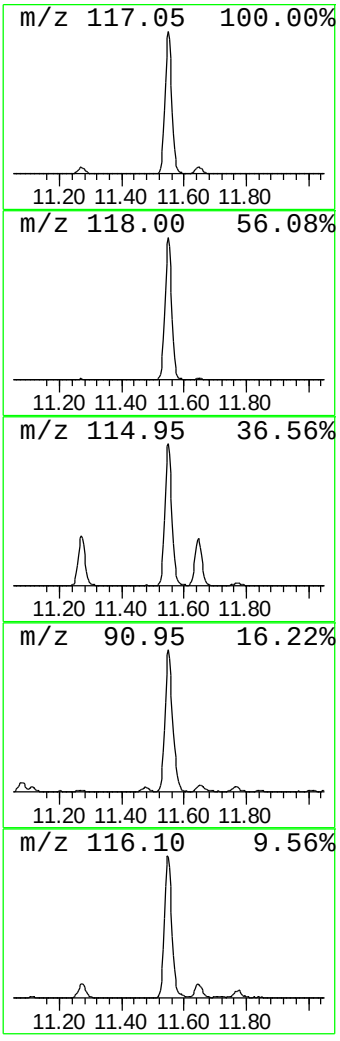
****

Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	12.42 ug/L	1412580	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017040.D
Acq On : 23 Jun 2020 00:33
Operator : SY/MD
Sample : L3067-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

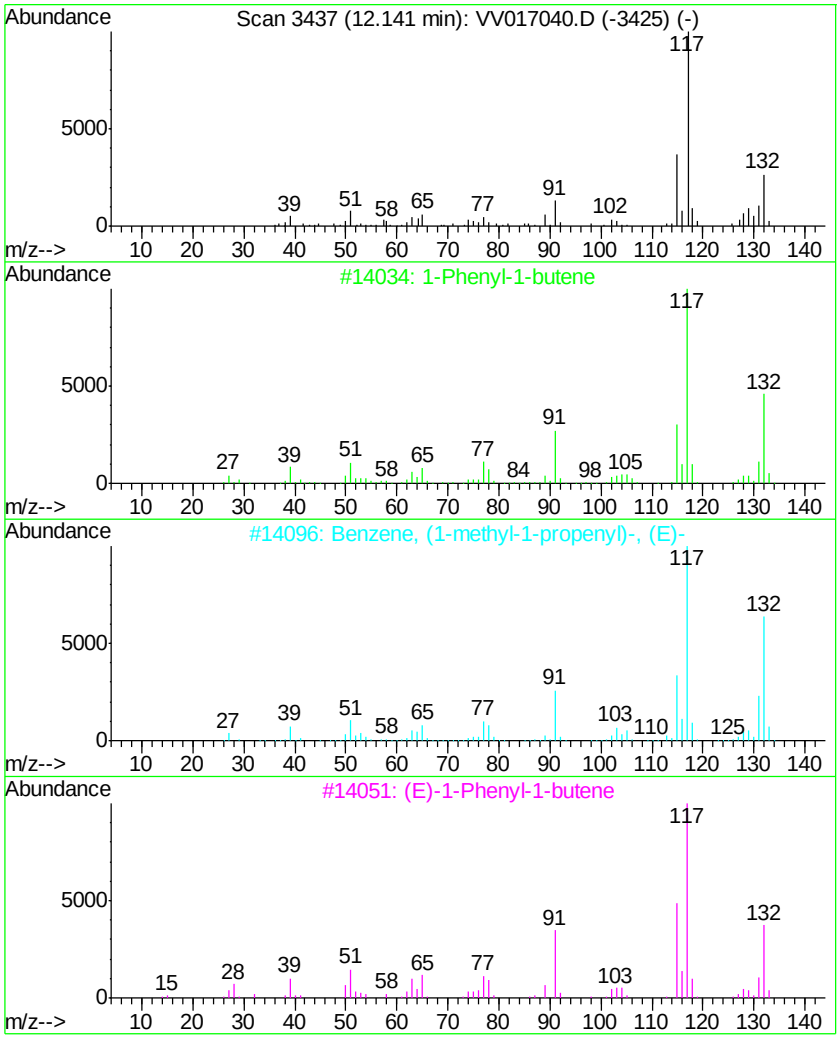
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

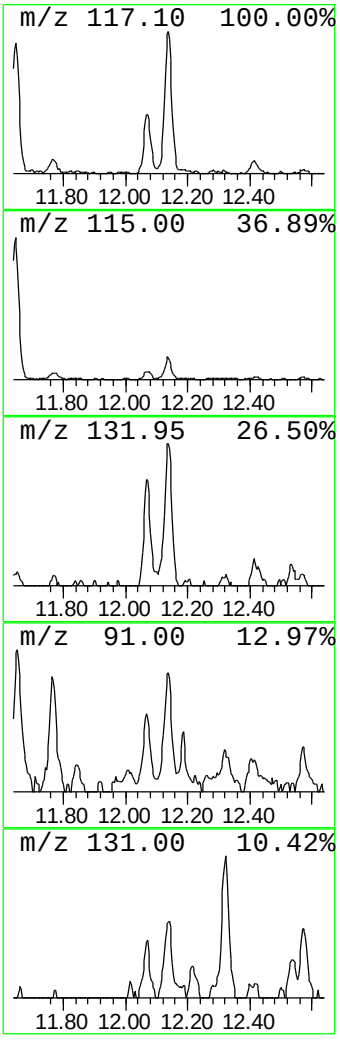
****

Peak Number 5 1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	0.55 ug/L	62668	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	86
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017040.D
Acq On : 23 Jun 2020 00:33
Operator : SY/MD
Sample : L3067-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

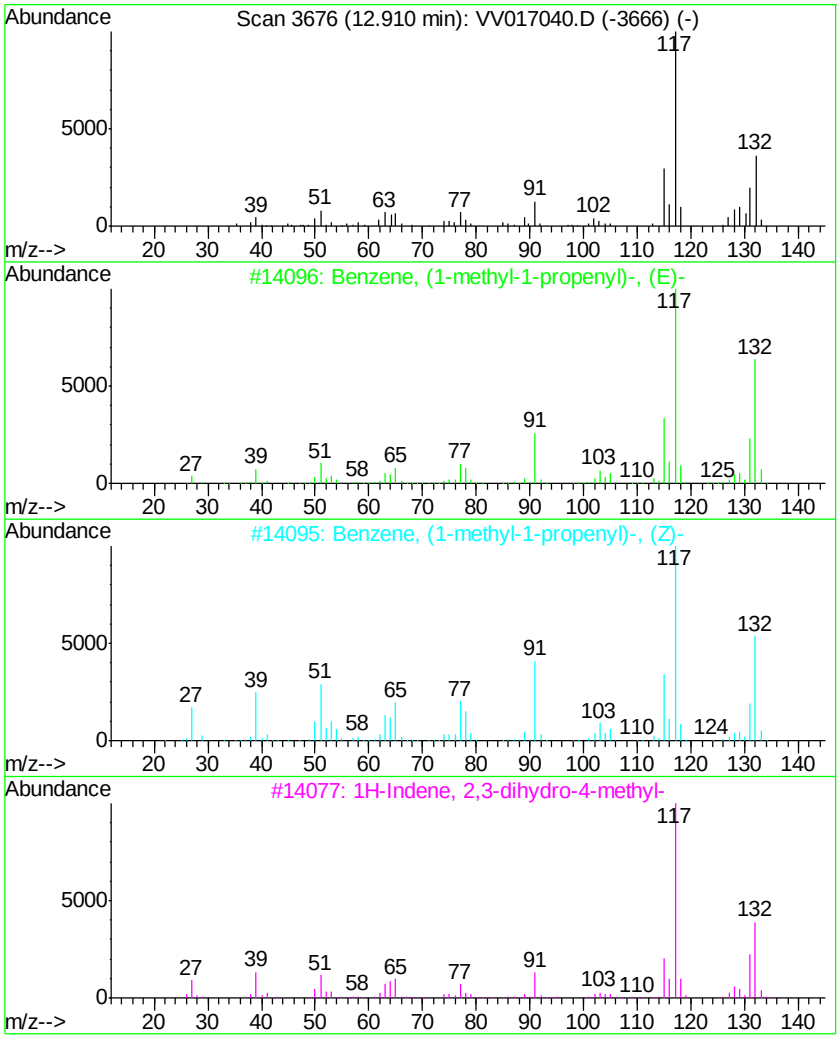
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

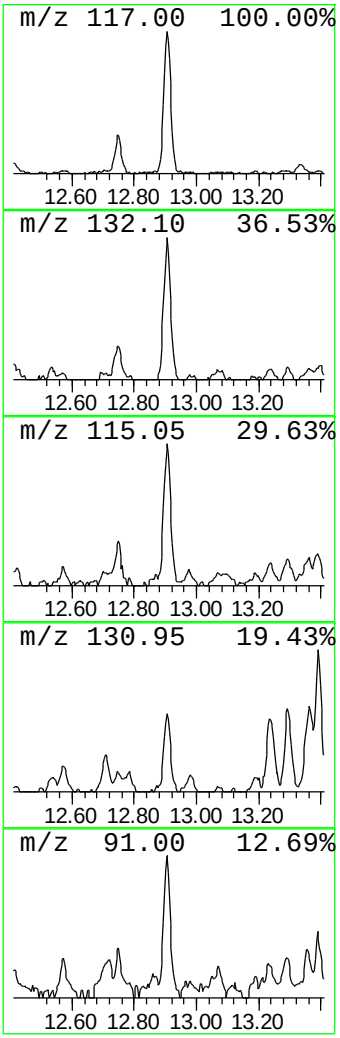
****

Peak Number 6 Benzene, (1-methyl-1-propen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	0.79 ug/L	89284	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017040.D
Acq On : 23 Jun 2020 00:33
Operator : SY/MD
Sample : L3067-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

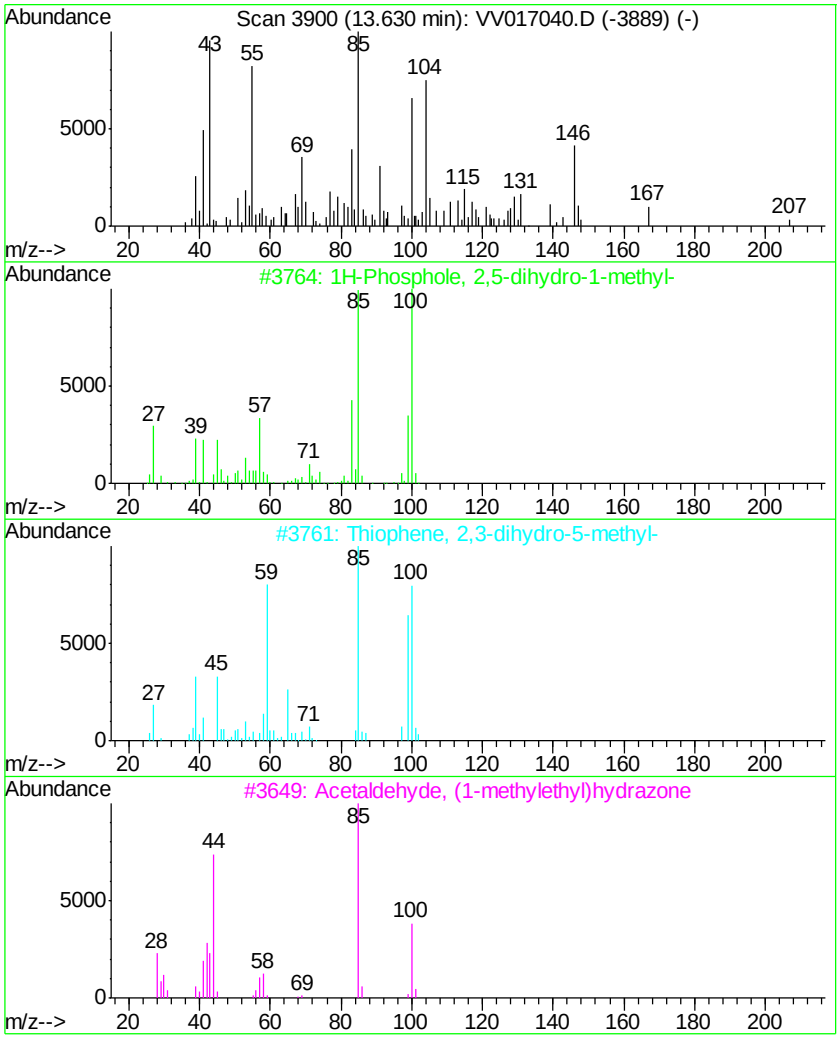
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

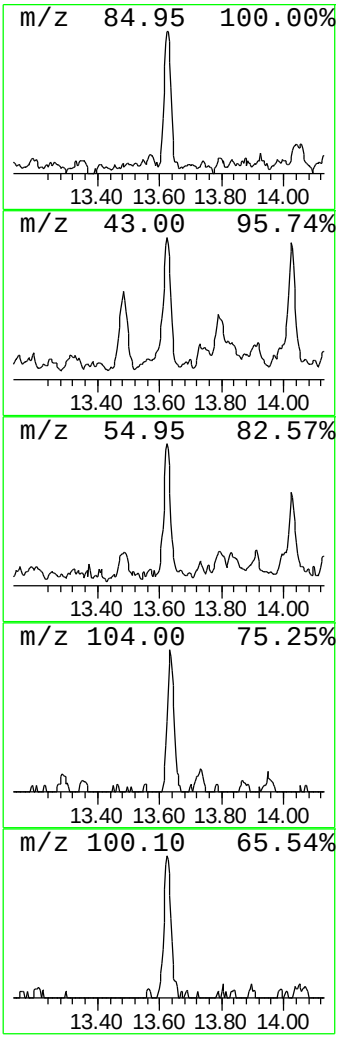
****

Peak Number 7 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	0.59 ug/L	67509	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phosphole, 2,5-dihydro-1-methyl-	100	C5H9P	000872-37-7	49
2	Thiophene, 2,3-dihydro-5-methyl-	100	C5H8S	004610-02-0	38
3	Acetaldehyde, (1-methylethyl)hyd...	100	C5H12N2	007422-89-1	38
4	Acetylacetone	100	C5H8O2	000123-54-6	35
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017040.D
Acq On : 23 Jun 2020 00:33
Operator : SY/MD
Sample : L3067-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.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
Diisopropyl ether	3.32	1.2	ug/L	103796	1	5.64	448058	5.0
unknown-01	10.50	2.0	ug/L	230759	3	11.27	568660	5.0
Indane	11.55	12.4	ug/L	1412580	3	11.27	568660	5.0
1-Phenyl-1-butene	12.14	0.6	ug/L	62668	3	11.27	568660	5.0
Benzene, (1-methy...	12.91	0.8	ug/L	89284	3	11.27	568660	5.0
unknown-02	13.63	0.6	ug/L	67509	3	11.27	568660	5.0