LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021829.D
Acq On : 17 Aug 2021 21:23
Operator : SY/MD
Sample : M3399-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_V\Method\SFAMVLM081621WMA.M
Title : VOC Analysis

Signal : TIC: VV021829.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	76	82	97	rVB	191455	191381	13.19%	1.247%
2	1.561	155	162	174	rVB	153704	179019	12.34%	1.167%
3	2.105	321	331	344	rBV	275311	399588	27.54%	2.604%
4	2.568	472	475	477	rBV3	661	318	0.02%	0.002%
5	2.619	487	491	492	rBV3	892	651	0.04%	0.004%
6	2.767	526	537	557	rVB3	6260	14449	1.00%	0.094%
7	2.860	562	566	572	rBV4	376	348	0.02%	0.002%
8	2.912	579	582	586	rBV3	474	316	0.02%	0.002%
9	2.995	605	608	613	rVB3	428	284	0.02%	0.002%
10	3.027	615	618	619	rBV	381	198	0.01%	0.001%
11	3.034	619	620	624	rVB3	703	386	0.03%	0.003%
12	3.233	680	682	687	rVB2	408	321	0.02%	0.002%
13	3.574	781	788	792	rBV4	378	462	0.03%	0.003%
14	3.696	823	826	830	rVB2	458	303	0.02%	0.002%
15	3.789	851	855	859	rBV2	275	247	0.02%	0.002%
16	3.812	859	862	866	rVB2	328	214	0.01%	0.001%
17	3.831	866	868	871	rBV3	551	344	0.02%	0.002%
18	3.873	871	881	913	rBV	134586	355924	24.53%	2.319%
19	4.349	1013	1029	1060	rBV	235659	580839	40.04%	3.785%
20	4.635	1114	1118	1120	rBV2	516	465	0.03%	0.003%
21	4.812	1169	1173	1176	rBV3	344	269	0.02%	0.002%
22	4.857	1184	1187	1188	rBV3	550	252	0.02%	0.002%
23	4.915	1202	1205	1206	rBV	318	203	0.01%	0.001%
24	4.947	1211	1215	1217	rBV2	334	300	0.02%	0.002%
25	5.047	1229	1246	1274	rBV2	563131	1450796	100.00%	9.455%
26	5.445	1367	1370	1374	rBV2	567	449	0.03%	0.003%
27	5.506	1386	1389	1391	rVB3	628	317	0.02%	0.002%
28	5.542	1397	1400	1401	rBV	479	251	0.02%	0.002%
29	5.619	1411	1424	1453	rBV	476257	965395	66.54%	6.291%
30	5.908	1502	1514	1533	rBV2	34251	72054	4.97%	0.470%
31	6.018	1546	1548	1550	rBV2	450	221	0.02%	0.001%
32	6.072	1551	1565	1592	rVV	325082	664016	45.77%	4.327%
33	6.284	1629	1631	1633	rBV2	736	336	0.02%	0.002%
34	6.403	1665	1668	1672	rVB3	761	578	0.04%	0.004%
35	6.426	1672	1675	1679	rBV3	470	402	0.03%	0.003%
36	6.648	1737	1744	1747	rBV5	742	980	0.07%	0.006%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021829.D
Acq On : 17 Aug 2021 21:23
Operator : SY/MD
Sample : M3399-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_V\Method\SFAMVLM081621WMA.M
Title : VOC Analysis

37	6.715	1763	1765	1769	rBV3	376	212	0.01%	0.001%
38	6.989	1836	1850	1877	rBV	181188	334279	23.04%	2.178%
39	7.317	1941	1952	1971	rBV	630350	1114072	76.79%	7.260%
40	7.625	2038	2048	2072	rBV	123587	216469	14.92%	1.411%
41	7.944	2141	2147	2154	rVB3	1417	1821	0.13%	0.012%
42	8.034	2169	2175	2176	rBV4	280	286	0.02%	0.002%
43	8.088	2183	2192	2224	rBV2	351377	676552	46.63%	4.409%
44	8.551	2332	2336	2338	rBV3	495	364	0.03%	0.002%
45	8.603	2349	2352	2355	rBV3	768	561	0.04%	0.004%
46	8.702	2381	2383	2386	rVB2	394	221	0.02%	0.001%
47	8.718	2386	2388	2391	rBV	446	273	0.02%	0.002%
48	8.853	2418	2430	2463	rBV	711355	1159760	79.94%	7.558%
49	9.021	2474	2482	2495	rVB	24779	39567	2.73%	0.258%
50	9.146	2512	2521	2535	rBV2	13554	23868	1.65%	0.156%
51	9.214	2540	2542	2550	rVB4	472	434	0.03%	0.003%
52	9.268	2557	2559	2564	rBV2	252	227	0.02%	0.001%
53	9.426	2606	2608	2611	rBV2	228	193	0.01%	0.001%
54	9.461	2617	2619	2624	rVB2	397	272	0.02%	0.002%
55	9.490	2624	2628	2629	rBV2	364	230	0.02%	0.001%
56	9.554	2639	2648	2657	rBV3	5246	8116	0.56%	0.053%
57	9.648	2674	2677	2680	rBV	347	269	0.02%	0.002%
58	9.744	2705	2707	2710	rBV2	319	252	0.02%	0.002%
59	9.828	2728	2733	2735	rBV2	384	245	0.02%	0.002%
60	9.937	2760	2767	2780	rVV4	4675	8386	0.58%	0.055%
61	10.136	2820	2829	2834	rBV4	1043	1520	0.10%	0.010%
62	10.217	2841	2854	2876	rBV	458052	730698	50.37%	4.762%
63	10.361	2890	2899	2903	rBV5	2691	4001	0.28%	0.026%
64	10.545	2950	2956	2964	rVB5	4156	5290	0.36%	0.034%
65	10.651	2983	2989	2992	rBV2	406	468	0.03%	0.003%
66	10.744	3008	3018	3028	rBV4	5066	8632	0.59%	0.056%
67	10.853	3050	3052	3054	rBV2	586	303	0.02%	0.002%
68	10.921	3064	3073	3085	rBV	11279	16616	1.15%	0.108%
69	11.033	3104	3108	3109	rBV2	714	415	0.03%	0.003%
70	11.062	3112	3117	3121	rBV2	596	606	0.04%	0.004%
71	11.185	3152	3155	3158	rBV3	1430	1054	0.07%	0.007%
72	11.252	3164	3176	3196	rBV	729836	1137299	78.39%	7.412%
73	11.529	3249	3262	3280	rVV	900924	1393141	96.03%	9.079%
74	11.625	3281	3292	3313	rVB	730580	1164601	80.27%	7.589%
75	11.812	3348	3350	3351	rBV2	638	193	0.01%	0.001%
76	11.911	3378	3381	3388	rBV5	965	1025	0.07%	0.007%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021829.D
Acq On : 17 Aug 2021 21:23
Operator : SY/MD
Sample : M3399-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_V\Method\SFAMVLM081621WMA.M
Title : VOC Analysis

77	11.972	3398	3400	3404	rBV2	343	267	0.02%	0.002%
78	12.021	3409	3415	3418	rBV2	4803	5471	0.38%	0.036%
79	12.117	3436	3445	3457	rBV	27851	44084	3.04%	0.287%
80	12.181	3464	3465	3471	rBV	372	228	0.02%	0.001%
81	12.365	3514	3522	3531	rBV2	14517	23213	1.60%	0.151%
82	12.474	3546	3556	3565	rBV4	26099	52894	3.65%	0.345%
83	12.619	3597	3601	3603	rBV3	553	363	0.03%	0.002%
84	12.644	3605	3609	3611	rBV3	1044	778	0.05%	0.005%
85	12.728	3626	3635	3648	rVB	45957	70035	4.83%	0.456%
86	12.844	3665	3671	3673	rBV2	854	650	0.04%	0.004%
87	12.885	3673	3684	3697	rVV	88655	136829	9.43%	0.892%
88	12.953	3699	3705	3715	rVB6	6364	9841	0.68%	0.064%
89	13.049	3726	3735	3748	rBV5	29630	49542	3.41%	0.323%
90	13.271	3798	3804	3812	rVB6	3751	4658	0.32%	0.030%
91	13.503	3865	3876	3901	rBV	496598	767948	52.93%	5.005%
92	14.091	4052	4059	4071	rBV8	5958	12737	0.88%	0.083%
93	14.294	4115	4122	4134	rVB5	9829	15967	1.10%	0.104%
94	14.358	4140	4142	4143	rBV	527	205	0.01%	0.001%
95	14.580	4201	4211	4218	rBV2	23500	36710	2.53%	0.239%
96	14.635	4219	4228	4252	rVB	182260	294078	20.27%	1.916%
97	14.818	4274	4285	4300	rBV	343140	550005	37.91%	3.584%
98	15.670	4543	4550	4558	rBV4	11282	18262	1.26%	0.119%
99	15.815	4587	4595	4603	rBV	29458	46454	3.20%	0.303%
100	16.487	4795	4804	4820	rVB	168128	268077	18.48%	1.747%

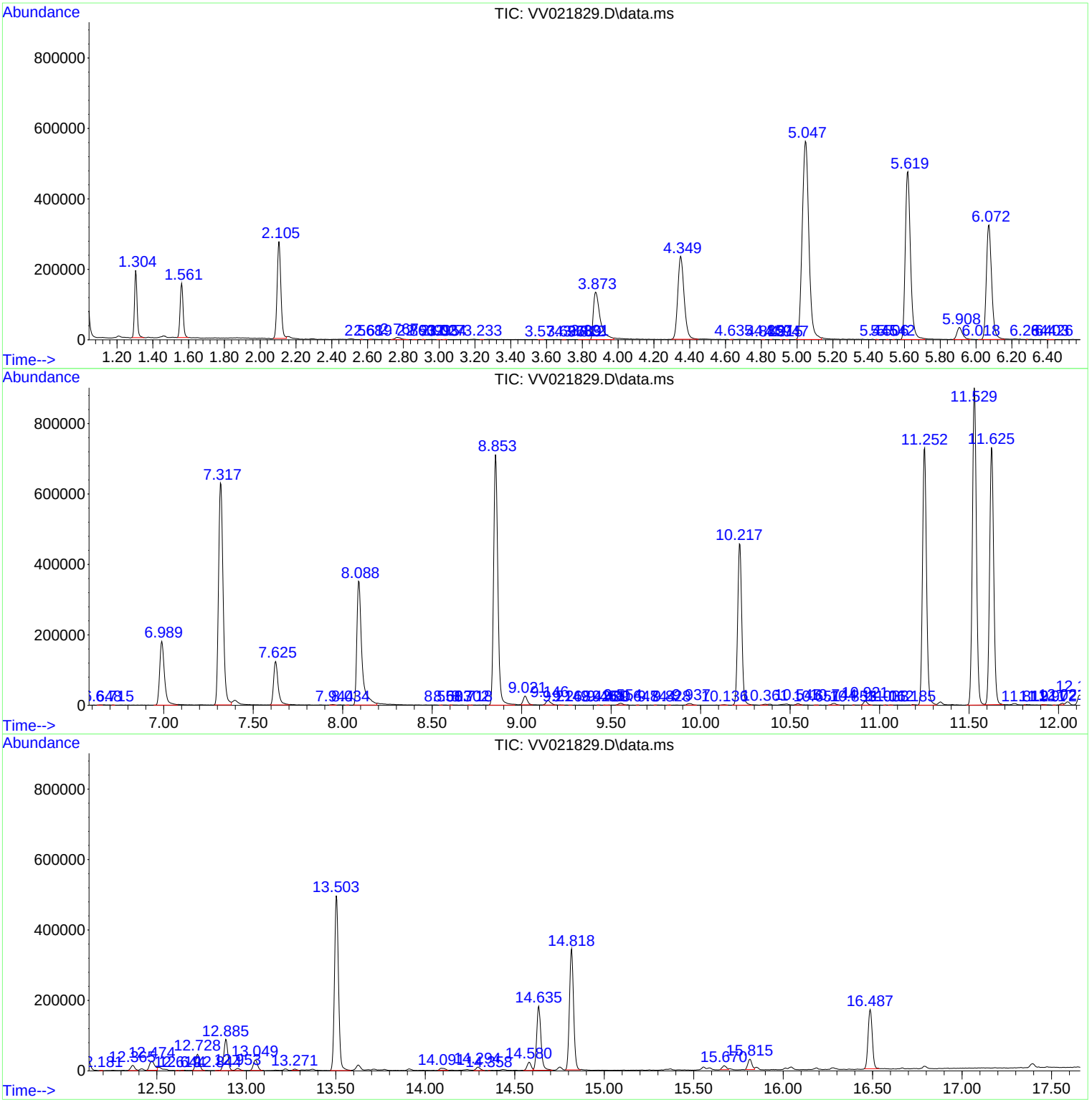
Sum of corrected areas: 15344963

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021829.D
Acq On : 17 Aug 2021 21:23
Operator : SY/MD
Sample : M3399-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKB7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021829.D
Acq On : 17 Aug 2021 21:23
Operator : SY/MD
Sample : M3399-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

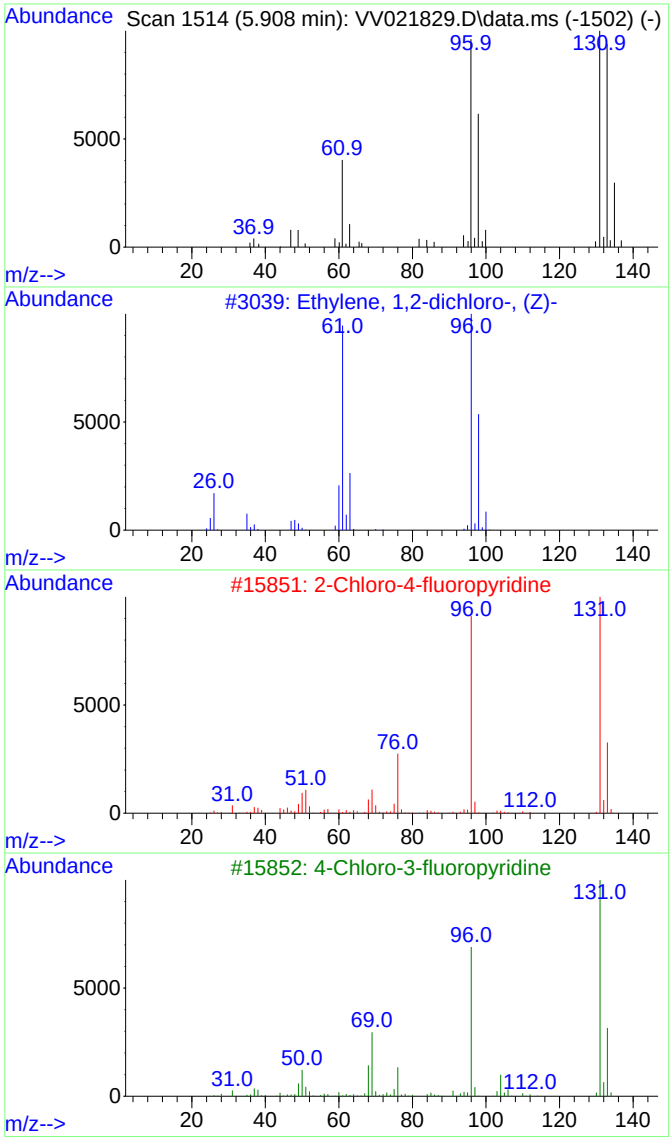
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

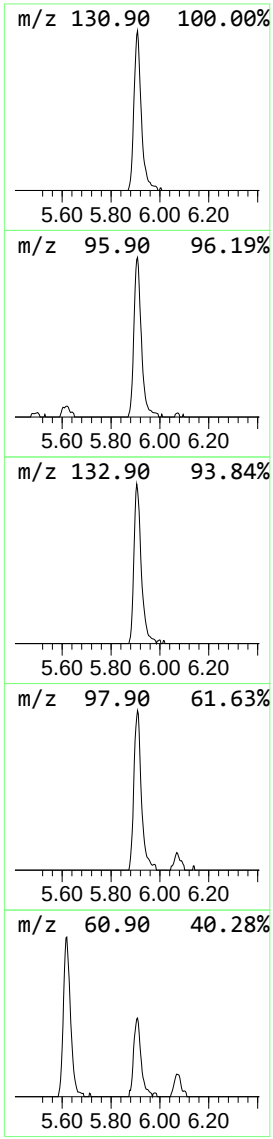
****

Peak Number 1 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.908	3.73 ug/L	72054	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2	2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	38
3	4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	27
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
5	2-Chloro-5-methylthiazole	133	C4H4ClNS	033342-65-3	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021829.D
Acq On : 17 Aug 2021 21:23
Operator : SY/MD
Sample : M3399-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

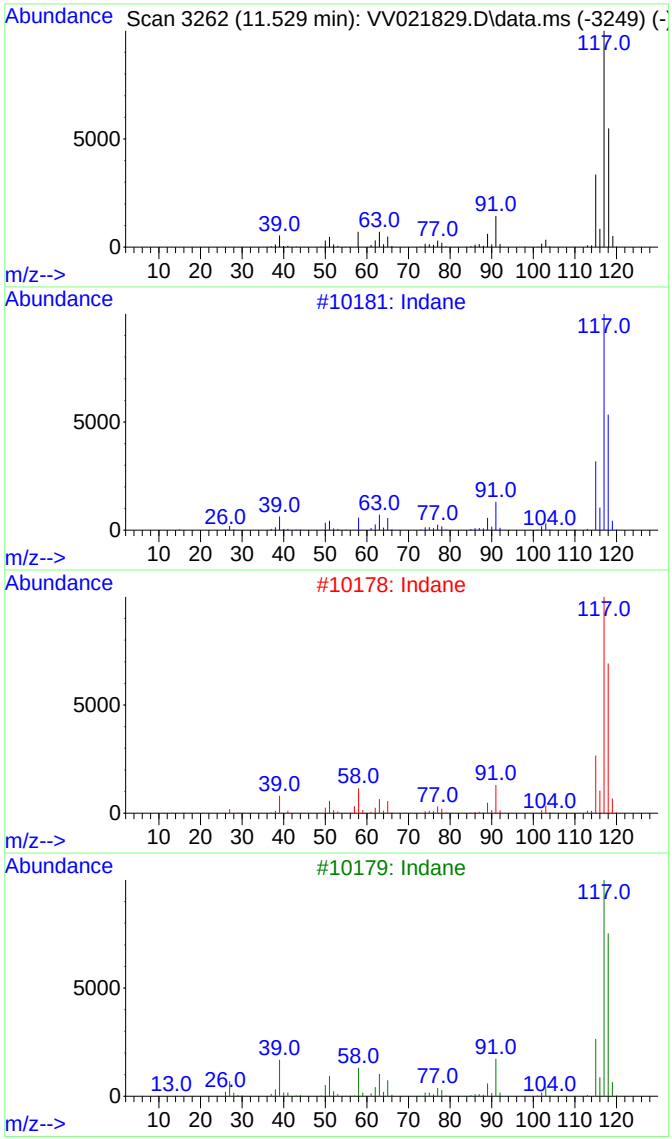
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

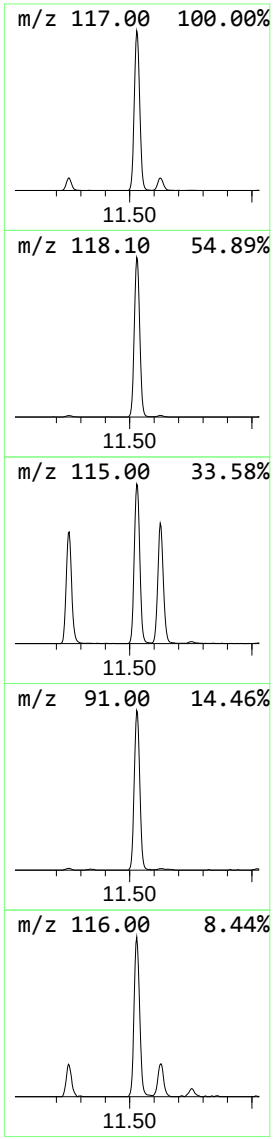
****

Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	61.25 ug/L	1393140	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	91
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
5	Deltacyclene	118	C9H10	007785-10-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021829.D
Acq On : 17 Aug 2021 21:23
Operator : SY/MD
Sample : M3399-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

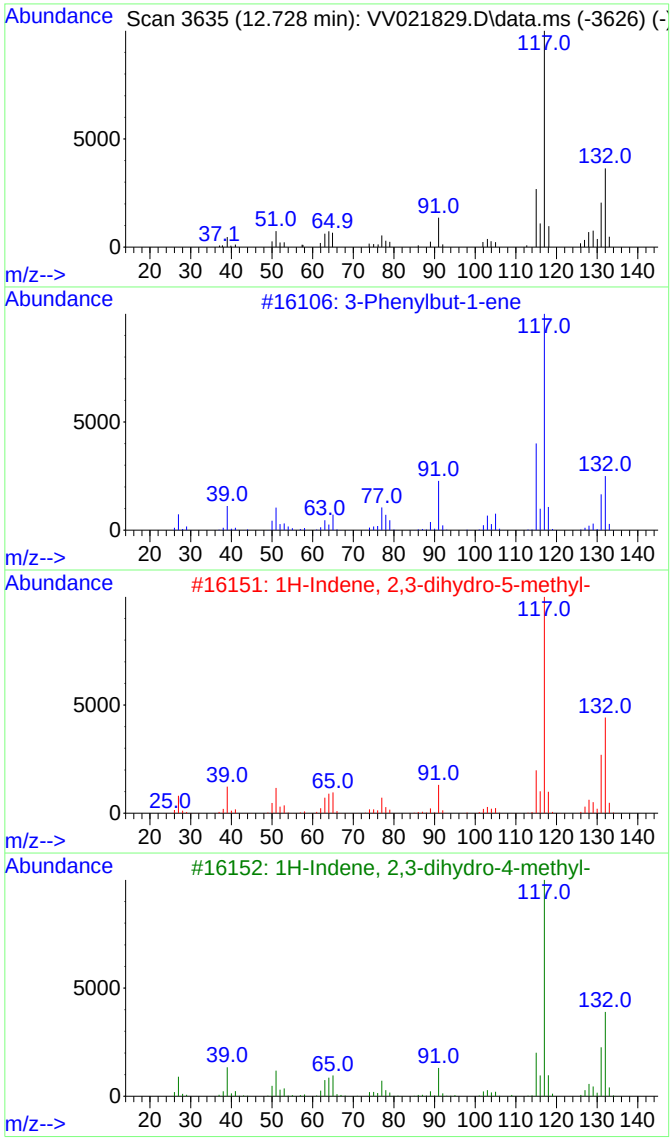
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

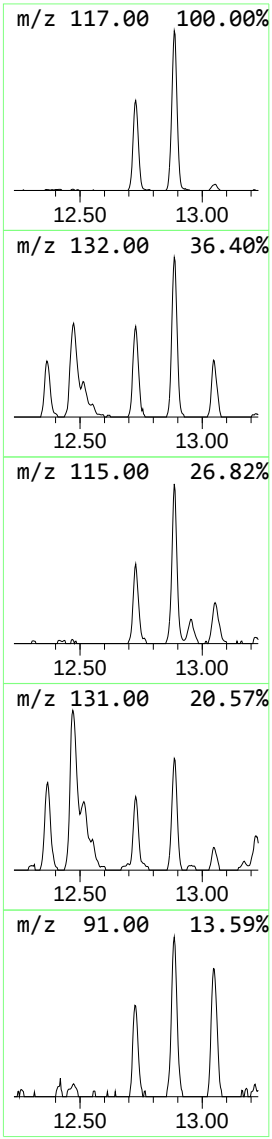
****

Peak Number 4 3-Phenylbut-1-ene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.728	3.08 ug/L	70035	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021829.D
Acq On : 17 Aug 2021 21:23
Operator : SY/MD
Sample : M3399-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB7

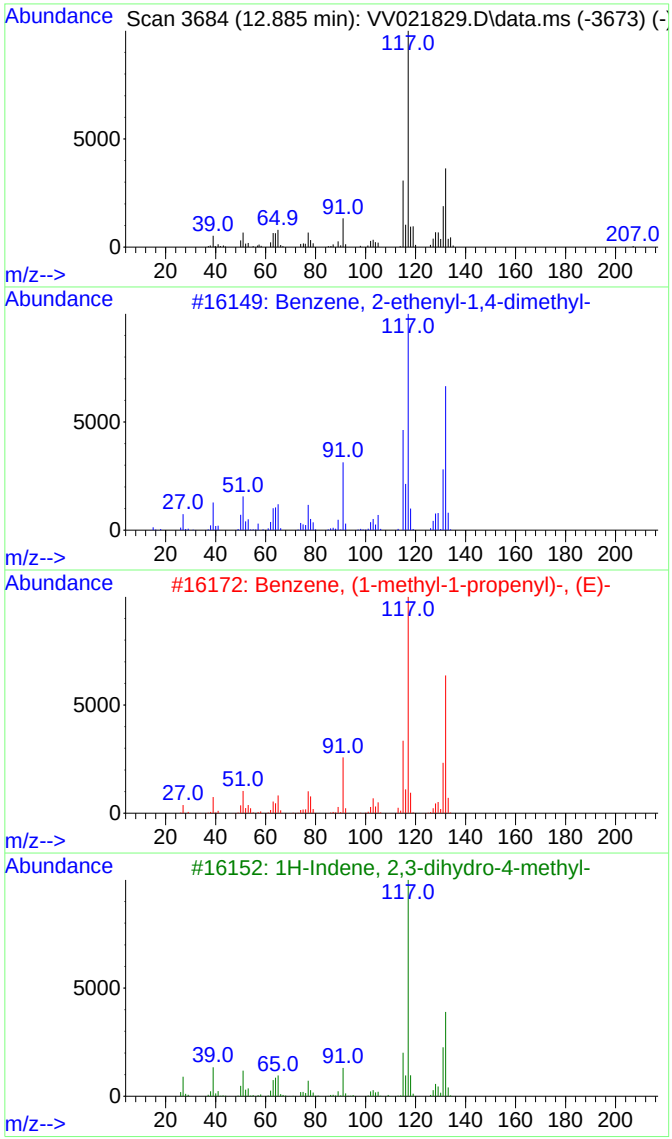
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

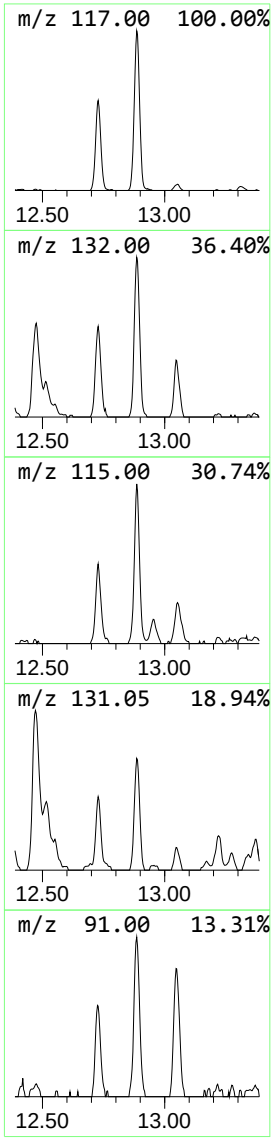
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	6.02 ug/L	136829	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021829.D
Acq On : 17 Aug 2021 21:23
Operator : SY/MD
Sample : M3399-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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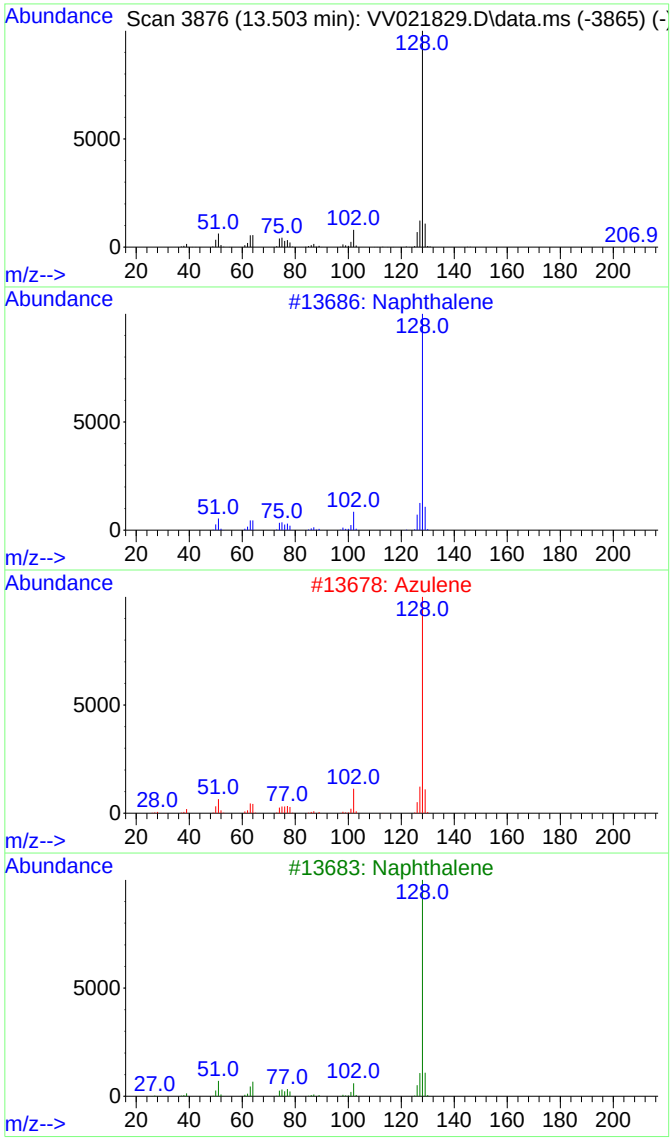
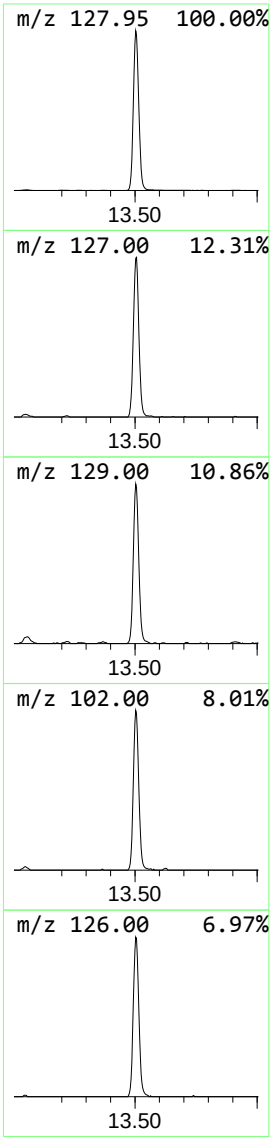
Peak Number 6 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	33.76 ug/L	767948	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	94
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021829.D
Acq On : 17 Aug 2021 21:23
Operator : SY/MD
Sample : M3399-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

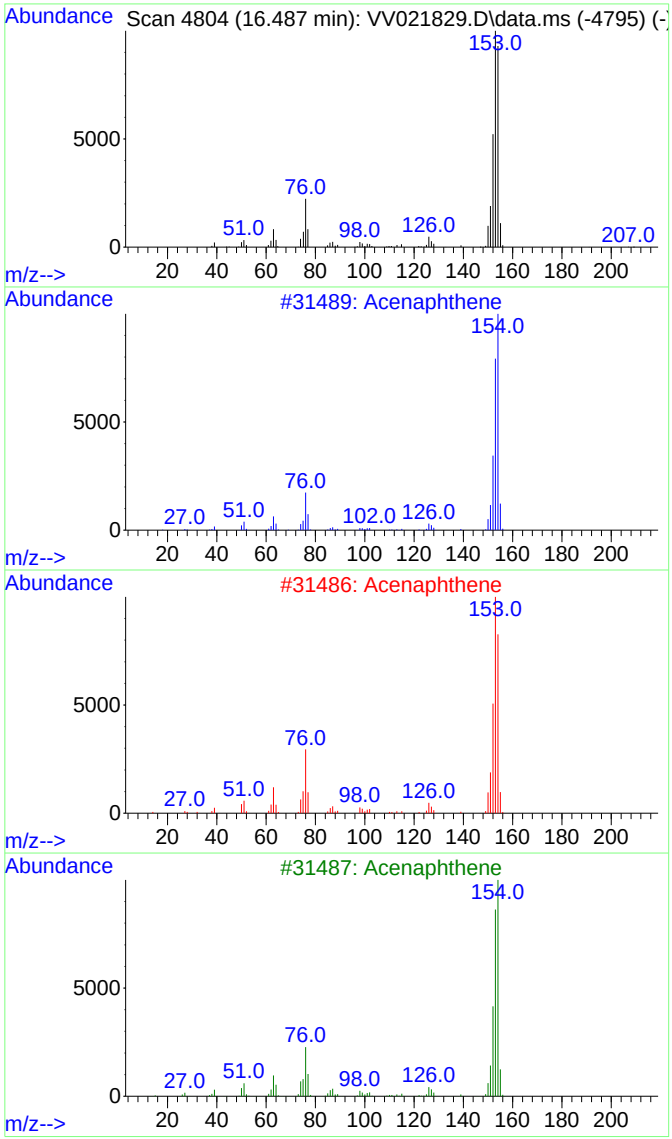
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

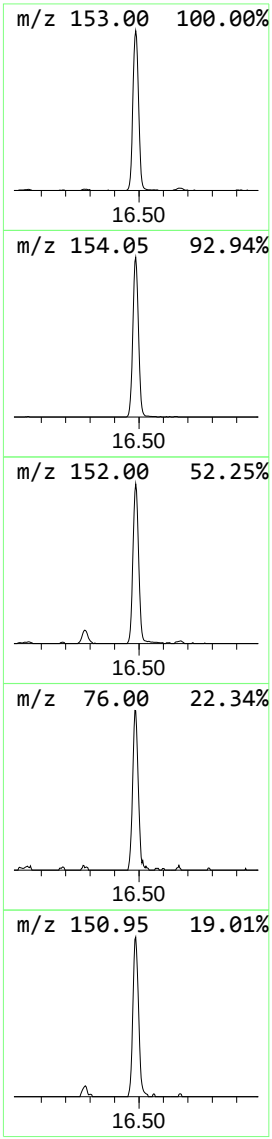
****

Peak Number 9 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	11.79 ug/L	268077	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	94
2	Acenaphthene	154	C12H10	000083-32-9	89
3	Acenaphthene	154	C12H10	000083-32-9	60
4	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
5	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021829.D
Acq On : 17 Aug 2021 21:23
Operator : SY/MD
Sample : M3399-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.908	3.7	ug/L	72054	1	5.619	965395	50.0
Indane	11.529	61.3	ug/L	1393140	3	11.252	1137300	50.0
3-Phenylbut-1-ene	12.728	3.1	ug/L	70035	3	11.252	1137300	50.0
Benzene, 2-ethe...	12.886	6.0	ug/L	136829	3	11.252	1137300	50.0
Azulene	13.503	33.8	ug/L	767948	3	11.252	1137300	50.0
Hexa-2,4-diyn-1...	16.487	11.8	ug/L	268077	3	11.252	1137300	50.0