LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018807.D
Acq On : 09 Oct 2020 10:31
Operator : SY/MD
Sample : L4239-15 4X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3R8

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\SOMVLM100820WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.315	64	70	83	rVB	225892	220542	3.90%	1.251%
2	1.576	145	151	164	rVB	195890	218827	3.87%	1.241%
3	2.122	312	321	337	rVB	372876	554887	9.82%	3.148%
4	2.515	435	443	465	rVB	22956	47866	0.85%	0.272%
5	2.714	502	505	509	rBV2	422	285	0.01%	0.002%
6	2.782	516	526	539	rVB3	18646	36470	0.65%	0.207%
7	2.939	572	575	579	rBV3	391	280	0.00%	0.002%
8	2.981	586	588	590	rBV3	332	148	0.00%	0.001%
9	3.007	594	596	599	rVB	317	135	0.00%	0.001%
10	3.068	603	615	618	rBV6	1940	3822	0.07%	0.022%
11	3.110	627	628	634	rVB2	443	167	0.00%	0.001%
12	3.145	637	639	642	rVB2	390	237	0.00%	0.001%
13	3.296	684	686	691	rVB2	441	278	0.00%	0.002%
14	3.331	694	697	700	rBV2	299	211	0.00%	0.001%
15	3.347	700	702	704	rBV2	321	107	0.00%	0.001%
16	3.364	704	707	710	rBV3	571	404	0.01%	0.002%
17	3.412	718	722	726	rBV3	489	296	0.01%	0.002%
18	3.463	736	738	742	rBV3	232	141	0.00%	0.001%
19	3.566	755	770	788	rBV5	8360	21465	0.38%	0.122%
20	3.769	831	833	834	rBV	793	371	0.01%	0.002%
21	3.833	852	853	856	rVB2	578	255	0.00%	0.001%
22	3.855	856	860	861	rBV2	419	304	0.01%	0.002%
23	3.901	864	874	909	rVV	127863	343549	6.08%	1.949%
24	4.376	1004	1022	1054	rBV	259400	642213	11.37%	3.643%
25	4.659	1107	1110	1113	rBV	385	242	0.00%	0.001%
26	4.688	1117	1119	1123	rBV2	325	267	0.00%	0.002%
27	4.820	1158	1160	1162	rVB3	402	157	0.00%	0.001%
28	4.920	1188	1191	1196	rBV4	300	320	0.01%	0.002%
29	4.942	1196	1198	1202	rVB2	564	294	0.01%	0.002%
30	5.071	1220	1238	1270	rBV2	635251	1661224	29.41%	9.424%
31	5.402	1337	1341	1342	rBV	258	157	0.00%	0.001%
32	5.450	1355	1356	1359	rVB2	280	131	0.00%	0.001%
33	5.470	1359	1362	1363	rBV	416	210	0.00%	0.001%
34	5.547	1378	1386	1388	rBV4	624	714	0.01%	0.004%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018807.D
Acq On : 09 Oct 2020 10:31
Operator : SY/MD
Sample : L4239-15 4X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3R8

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\SOMVLM100820WMA.M
Title : VOC Analysis

35	5.579	1393	1396	1398	rBV	308	201	0.00%	0.001%
36	5.640	1403	1415	1447	rBV	403102	808164	14.31%	4.585%
37	5.929	1495	1505	1524	rVB3	23676	49878	0.88%	0.283%
38	6.016	1529	1532	1534	rBV2	597	358	0.01%	0.002%
39	6.029	1534	1536	1538	rBV2	315	123	0.00%	0.001%
40	6.093	1542	1556	1581	rBV	371698	749263	13.26%	4.251%
41	6.399	1649	1651	1656	rBV	371	363	0.01%	0.002%
42	6.428	1656	1660	1663	rBV4	495	551	0.01%	0.003%
43	6.482	1674	1677	1678	rBV2	303	154	0.00%	0.001%
44	6.521	1686	1689	1691	rBV	300	167	0.00%	0.001%
45	6.566	1700	1703	1705	rBV	336	232	0.00%	0.001%
46	6.646	1723	1728	1730	rBV3	409	330	0.01%	0.002%
47	6.781	1768	1770	1772	rBV	384	216	0.00%	0.001%
48	6.859	1791	1794	1796	rBV2	399	265	0.00%	0.002%
49	6.900	1803	1807	1808	rBV	158	100	0.00%	0.001%
50	6.920	1811	1813	1815	rBV	322	166	0.00%	0.001%
51	6.952	1821	1823	1824	rBV	286	100	0.00%	0.001%
52	7.006	1828	1840	1861	rBV	204574	368886	6.53%	2.093%
53	7.338	1931	1943	1968	rBV	756537	1286749	22.78%	7.300%
54	7.640	2027	2037	2066	rBV	147760	262074	4.64%	1.487%
55	8.000	2142	2149	2159	rVB4	5172	8401	0.15%	0.048%
56	8.051	2163	2165	2168	rVB2	549	230	0.00%	0.001%
57	8.068	2168	2170	2172	rBV	559	319	0.01%	0.002%
58	8.106	2172	2182	2219	rBV2	400898	775161	13.72%	4.398%
59	8.518	2306	2310	2316	rBV2	661	647	0.01%	0.004%
60	8.617	2339	2341	2342	rBV	286	114	0.00%	0.001%
61	8.746	2375	2381	2385	rBV4	722	753	0.01%	0.004%
62	8.900	2409	2429	2458	rBV2	2927856	5648658	100.00%	32.045%
63	9.219	2526	2528	2529	rBV	353	182	0.00%	0.001%
64	9.283	2546	2548	2553	rVB3	625	379	0.01%	0.002%
65	9.370	2573	2575	2578	rBV2	391	169	0.00%	0.001%
66	9.402	2582	2585	2587	rBV	426	220	0.00%	0.001%
67	9.418	2588	2590	2591	rBV	352	116	0.00%	0.001%
68	9.460	2600	2603	2610	rBV4	551	617	0.01%	0.004%
69	9.495	2610	2614	2620	rBV4	424	456	0.01%	0.003%
70	9.543	2626	2629	2630	rBV2	328	178	0.00%	0.001%
71	9.720	2682	2684	2687	rVB	320	176	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018807.D
Acq On : 09 Oct 2020 10:31
Operator : SY/MD
Sample : L4239-15 4X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3R8

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\SOMVLM100820WMA.M
Title : VOC Analysis

72	9.772	2697	2700	2701	rBV2	414	188	0.00%	0.001%
73	9.855	2724	2726	2730	rVB2	308	120	0.00%	0.001%
74	10.238	2832	2845	2867	rBV	441321	699081	12.38%	3.966%
75	10.428	2903	2904	2907	rVB2	553	221	0.00%	0.001%
76	10.440	2907	2908	2912	rVB2	364	188	0.00%	0.001%
77	10.463	2912	2915	2917	rBV2	631	322	0.01%	0.002%
78	10.614	2959	2962	2966	rBV2	421	260	0.00%	0.001%
79	10.672	2977	2980	2981	rBV2	357	203	0.00%	0.001%
80	10.739	2998	3001	3003	rBV	607	380	0.01%	0.002%
81	10.813	3020	3024	3029	rBV3	365	429	0.01%	0.002%
82	10.878	3042	3044	3046	rBV	278	136	0.00%	0.001%
83	10.919	3054	3057	3058	rBV	632	388	0.01%	0.002%
84	11.103	3112	3114	3118	rBV3	813	702	0.01%	0.004%
85	11.202	3134	3145	3156	rBV	448375	690149	12.22%	3.915%
86	11.273	3156	3167	3169	rBV	723354	980631	17.36%	5.563%
87	11.553	3245	3254	3270	rVB3	13392	29082	0.51%	0.165%
88	11.646	3270	3283	3302	rBV	801597	1287526	22.79%	7.304%
89	12.325	3492	3494	3498	rVB2	687	409	0.01%	0.002%
90	12.485	3539	3544	3548	rBV4	511	488	0.01%	0.003%
91	12.572	3565	3571	3578	rBV6	1175	1754	0.03%	0.010%
92	12.672	3598	3602	3610	rVB7	2399	2755	0.05%	0.016%
93	12.749	3619	3626	3636	rVB5	3578	4494	0.08%	0.025%
94	12.907	3668	3675	3686	rVB4	7290	10723	0.19%	0.061%
95	13.045	3716	3718	3720	rBV	399	183	0.00%	0.001%
96	13.071	3724	3726	3729	rBV3	765	549	0.01%	0.003%
97	13.283	3782	3792	3808	rBV	123037	191445	3.39%	1.086%
98	13.678	3913	3915	3916	rBV	351	103	0.00%	0.001%
99	14.035	4024	4026	4030	rVB2	619	395	0.01%	0.002%
100	14.460	4153	4158	4164	rBV6	1288	1647	0.03%	0.009%

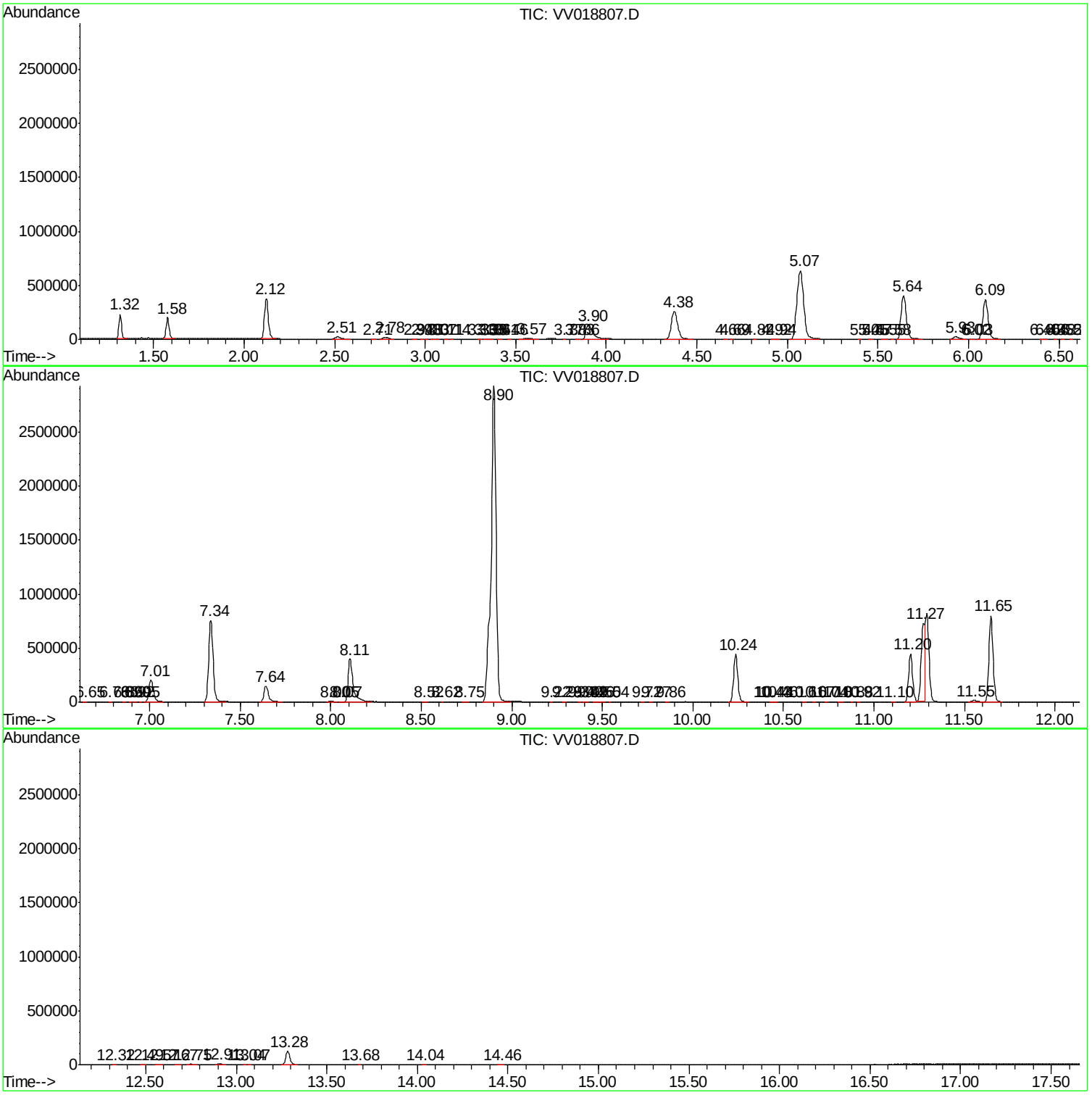
Sum of corrected areas: 17627043

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018807.D
Acq On : 09 Oct 2020 10:31
Operator : SY/MD
Sample : L4239-15 4X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3R8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018807.D
Acq On : 09 Oct 2020 10:31
Operator : SY/MD
Sample : L4239-15 4X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3R8

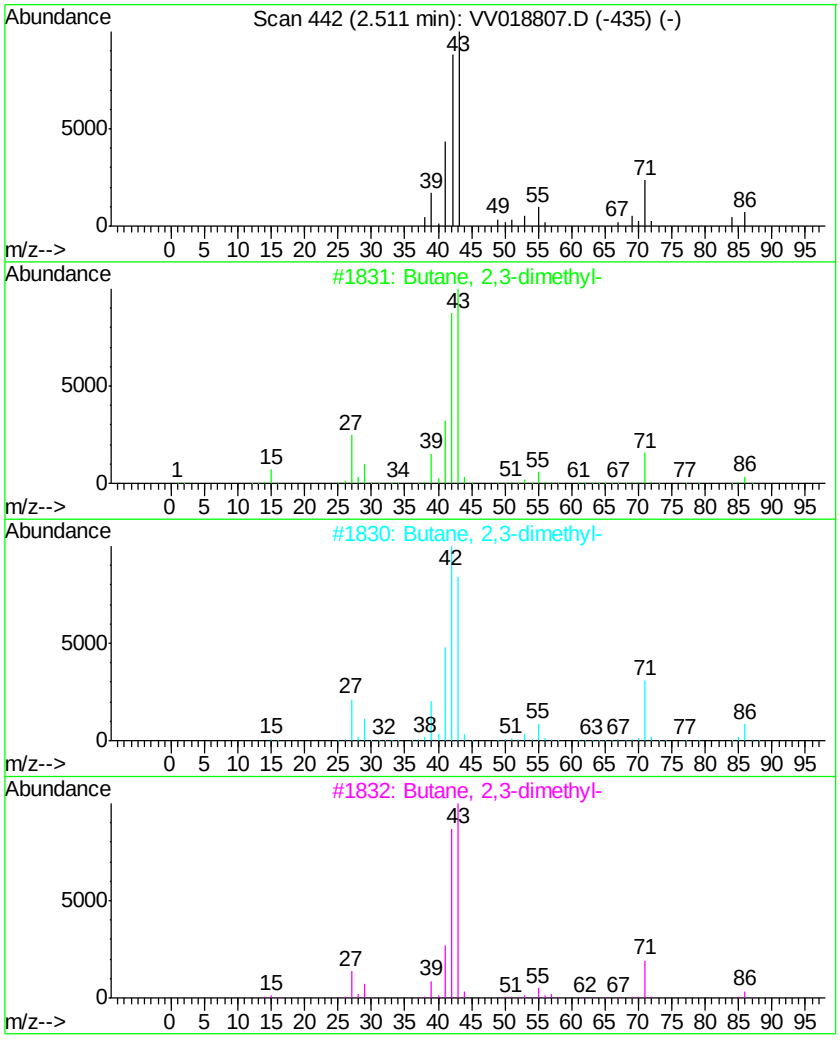
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

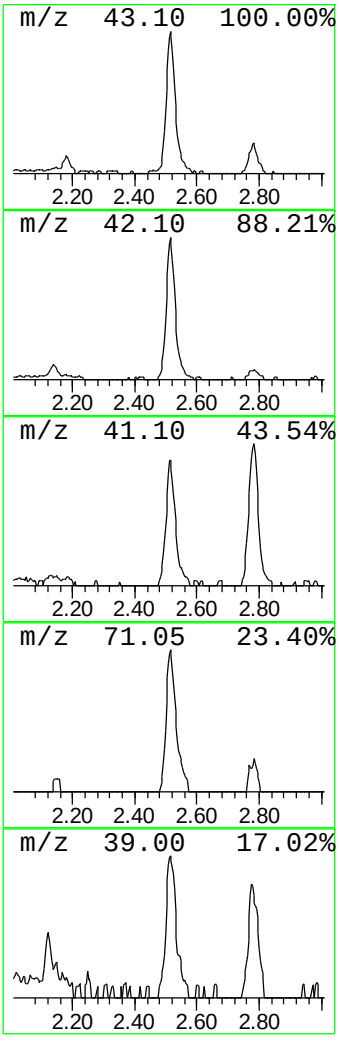
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.51	2.96 ug/L	47866	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
5	Tetrahydrofuran	72	C4H8O	000109-99-9	33





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018807.D
Acq On : 09 Oct 2020 10:31
Operator : SY/MD
Sample : L4239-15 4X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3R8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

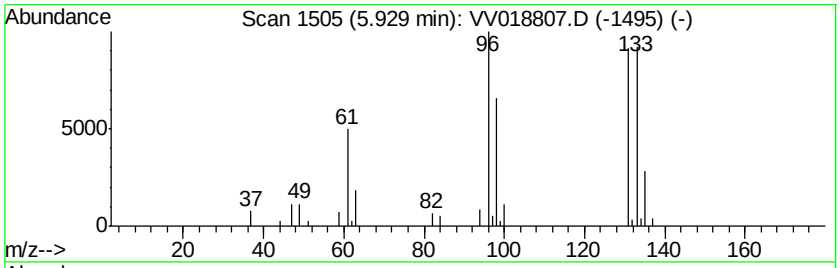
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

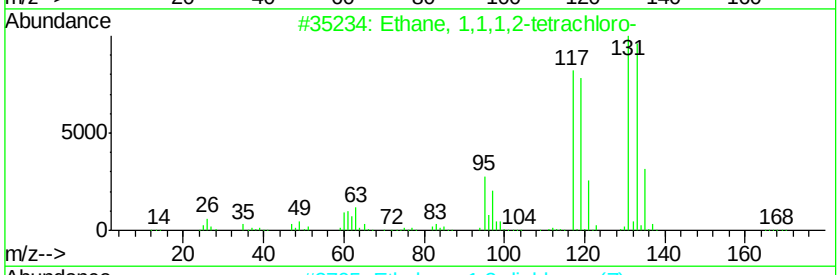
****

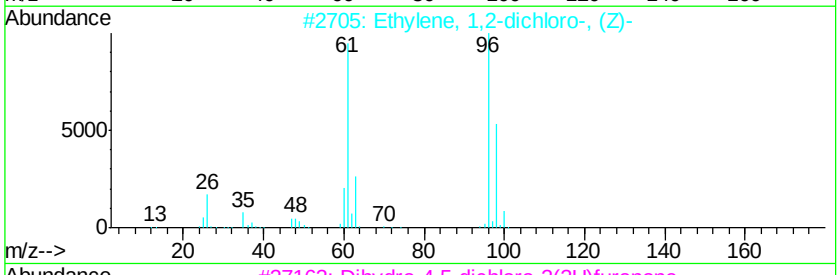
Peak Number 2 unknown-01 Concentration Rank 2

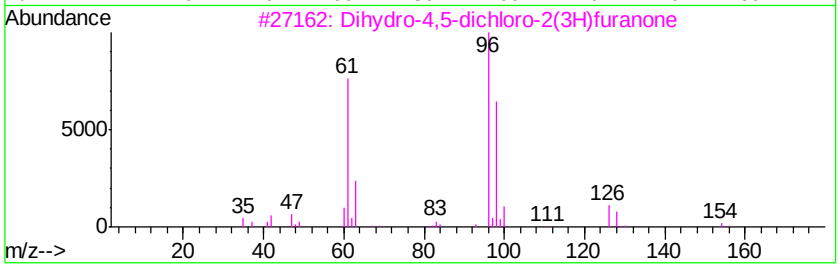
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.09 ug/L	49878	1,4-Difluorobenzene	5.64

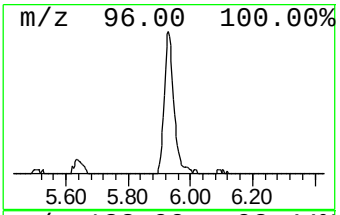
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	12
4	Difluoro(methylamino)phosphine s...	131	CH4F2NPS	1000306-16-8	9
5	Furfural	96	C5H4O2	000098-01-1	9

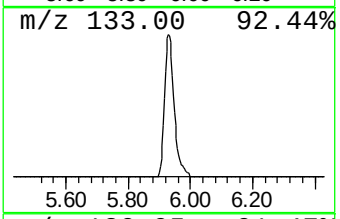


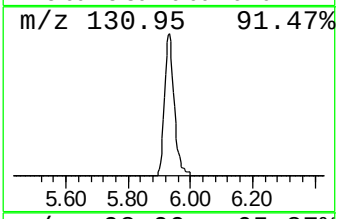


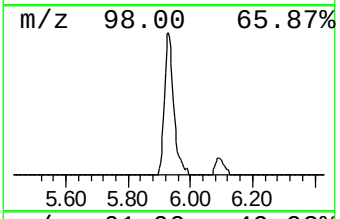


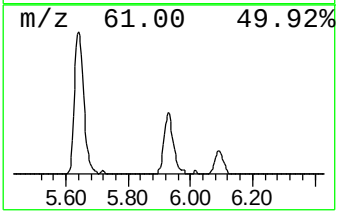












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018807.D
Acq On : 09 Oct 2020 10:31
Operator : SY/MD
Sample : L4239-15 4X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3R8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	2.51	3.0	ug/L	47866	1	5.64	808164	50.0
unknown-01	5.93	3.1	ug/L	49878	1	5.64	808164	50.0