LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010900.D
Acq On : 15 May 2019 14:52
Operator : SY/MD
Sample : K2737-15RE
Misc : 5.35G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB863RE

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\SOM2VLM051319S.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	2.142	321	327	338	rVB2	2954	4461	42.14%	6.561%
2	2.206	342	347	349	rBV2	421	324	3.06%	0.477%
3	2.235	352	356	359	rVB	140	152	1.44%	0.224%
4	2.460	424	426	431	rVB2	307	235	2.22%	0.346%
5	2.521	441	445	450	rVB2	175	185	1.75%	0.272%
6	2.550	450	454	457	rBV2	200	188	1.78%	0.277%
7	2.714	502	505	507	rVB	289	152	1.44%	0.224%
8	2.791	526	529	534	rBV2	186	190	1.79%	0.279%
9	2.946	575	577	583	rBV	159	183	1.73%	0.269%
10	3.084	614	620	622	rBV	211	163	1.54%	0.240%
11	3.171	642	647	652	rBV2	174	218	2.06%	0.321%
12	3.229	662	665	668	rBV	249	136	1.28%	0.200%
13	3.254	668	673	680	rVB2	190	177	1.67%	0.260%
14	3.434	724	729	730	rBV	217	187	1.77%	0.275%
15	3.769	829	833	836	rBV2	208	142	1.34%	0.209%
16	3.798	839	842	849	rVB	243	274	2.59%	0.403%
17	3.849	854	858	860	rBV2	240	202	1.91%	0.297%
18	4.100	934	936	939	rVB2	297	145	1.37%	0.213%
19	4.116	939	941	945	rBV	246	141	1.33%	0.207%
20	4.219	970	973	977	rVB2	191	179	1.69%	0.263%
21	4.293	992	996	997	rBV	273	145	1.37%	0.213%
22	4.405	1021	1031	1040	rBV3	2285	4955	46.81%	7.288%
23	4.479	1050	1054	1057	rBV2	247	172	1.62%	0.253%
24	4.515	1061	1065	1067	rVV	198	145	1.37%	0.213%
25	4.557	1075	1078	1081	rVV2	230	162	1.53%	0.238%
26	4.585	1081	1087	1091	rVB2	289	379	3.58%	0.557%
27	4.688	1115	1119	1125	rVV2	229	252	2.38%	0.371%
28	4.769	1140	1144	1149	rVB2	215	186	1.76%	0.274%
29	4.894	1179	1183	1187	rVV2	229	221	2.09%	0.325%
30	5.106	1234	1249	1265	rBV5	4172	10585	100.00%	15.568%
31	5.473	1361	1363	1366	rVB2	206	133	1.26%	0.196%
32	5.672	1414	1425	1436	rBV3	2815	5816	54.95%	8.554%
33	5.733	1441	1444	1445	rVV2	289	150	1.42%	0.221%
34	5.756	1449	1451	1455	rVB3	347	231	2.18%	0.340%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010900.D
Acq On : 15 May 2019 14:52
Operator : SY/MD
Sample : K2737-15RE
Misc : 5.35G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB863RE

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\SOM2VLM051319S.M
Title : VOC Analysis

35	5.820	1466	1471	1477	rBV2	239	221	2.09%	0.325%
36	5.949	1509	1511	1513	rBV	267	130	1.23%	0.191%
37	6.000	1524	1527	1529	rBV2	186	137	1.29%	0.201%
38	6.077	1545	1551	1555	rVB2	250	284	2.68%	0.418%
39	6.119	1555	1564	1576	rBV4	2763	5171	48.85%	7.605%
40	6.235	1594	1600	1602	rBV2	186	235	2.22%	0.346%
41	6.267	1608	1610	1617	rVB	206	168	1.59%	0.247%
42	6.364	1637	1640	1646	rVB	243	217	2.05%	0.319%
43	6.396	1646	1650	1653	rBV2	241	206	1.95%	0.303%
44	6.540	1691	1695	1698	rVV2	144	152	1.44%	0.224%
45	6.601	1711	1714	1719	rBV2	201	152	1.44%	0.224%
46	6.727	1749	1753	1756	rBV2	193	160	1.51%	0.235%
47	6.804	1774	1777	1779	rBV2	175	142	1.34%	0.209%
48	6.862	1793	1795	1799	rVB2	243	174	1.64%	0.256%
49	6.942	1818	1820	1826	rVB	190	156	1.47%	0.229%
50	7.039	1842	1850	1854	rBV2	681	1001	9.46%	1.472%
51	7.109	1869	1872	1876	rBV	212	146	1.38%	0.215%
52	7.171	1887	1891	1895	rBV	181	134	1.27%	0.197%
53	7.196	1895	1899	1903	rBV	173	208	1.97%	0.306%
54	7.270	1914	1922	1927	rVB2	194	320	3.02%	0.471%
55	7.367	1942	1952	1963	rBV5	4183	7298	68.95%	10.734%
56	7.473	1981	1985	1989	rVB	227	195	1.84%	0.287%
57	7.518	1996	1999	2002	rVB	235	141	1.33%	0.207%
58	7.550	2006	2009	2012	rBB	219	137	1.29%	0.201%
59	7.572	2013	2016	2020	rVB	186	145	1.37%	0.213%
60	7.891	2110	2115	2121	rBV2	220	337	3.18%	0.496%
61	7.952	2130	2134	2136	rBV	224	164	1.55%	0.241%
62	8.045	2160	2163	2167	rBV	252	177	1.67%	0.260%
63	8.148	2192	2195	2196	rBV2	286	170	1.61%	0.250%
64	8.264	2228	2231	2234	rBV2	190	197	1.86%	0.290%
65	8.338	2252	2254	2257	rBV2	201	153	1.45%	0.225%
66	8.396	2268	2272	2279	rBV2	251	359	3.39%	0.528%
67	8.431	2279	2283	2286	rVB2	192	152	1.44%	0.224%
68	8.473	2292	2296	2299	rBV2	163	195	1.84%	0.287%
69	8.669	2354	2357	2359	rBV2	177	149	1.41%	0.219%
70	8.717	2368	2372	2375	rBV2	188	133	1.26%	0.196%
71	8.736	2375	2378	2382	rBV	228	176	1.66%	0.259%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010900.D
Acq On : 15 May 2019 14:52
Operator : SY/MD
Sample : K2737-15RE
Misc : 5.35G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB863RE

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\SOM2VLM051319S.M
Title : VOC Analysis

72	8.791	2391	2395	2396	rBV	219	129	1.22%	0.190%
73	8.900	2420	2429	2442	rVV4	2456	5313	50.19%	7.814%
74	9.045	2471	2474	2477	rBV2	175	158	1.49%	0.232%
75	9.109	2490	2494	2496	rBV	225	167	1.58%	0.246%
76	9.125	2496	2499	2502	rVB2	170	134	1.27%	0.197%
77	9.151	2502	2507	2509	rBV2	192	153	1.45%	0.225%
78	9.170	2509	2513	2518	rVB2	204	216	2.04%	0.318%
79	9.238	2530	2534	2535	rBV	195	155	1.46%	0.228%
80	9.270	2542	2544	2550	rBV2	226	224	2.12%	0.329%
81	9.373	2573	2576	2581	rBV2	211	202	1.91%	0.297%
82	9.396	2581	2583	2587	rBV	224	219	2.07%	0.322%
83	9.466	2601	2605	2607	rBV	226	182	1.72%	0.268%
84	9.508	2615	2618	2622	rVB2	190	164	1.55%	0.241%
85	9.540	2625	2628	2634	rVB2	268	276	2.61%	0.406%
86	9.582	2638	2641	2643	rBV	214	144	1.36%	0.212%
87	9.621	2651	2653	2657	rBV2	229	206	1.95%	0.303%
88	10.235	2840	2844	2846	rBV	216	170	1.61%	0.250%
89	10.260	2846	2852	2862	rVV5	1401	2256	21.31%	3.318%
90	10.431	2900	2905	2908	rBV2	160	129	1.22%	0.190%
91	10.486	2919	2922	2925	rBV	232	199	1.88%	0.293%
92	10.531	2933	2936	2940	rBV	239	174	1.64%	0.256%
93	10.958	3063	3069	3074	rBV2	231	374	3.53%	0.550%
94	11.109	3112	3116	3118	rBV	177	167	1.58%	0.246%
95	11.299	3169	3175	3187	rVB5	1362	2029	19.17%	2.984%
96	11.412	3207	3210	3212	rBV	192	138	1.30%	0.203%
97	11.675	3285	3292	3301	rVB3	1628	2140	20.22%	3.147%
98	12.611	3579	3583	3587	rBV2	294	231	2.18%	0.340%
99	13.055	3718	3721	3726	rBV2	223	255	2.41%	0.375%
100	14.984	4315	4321	4326	rBV2	292	329	3.11%	0.484%

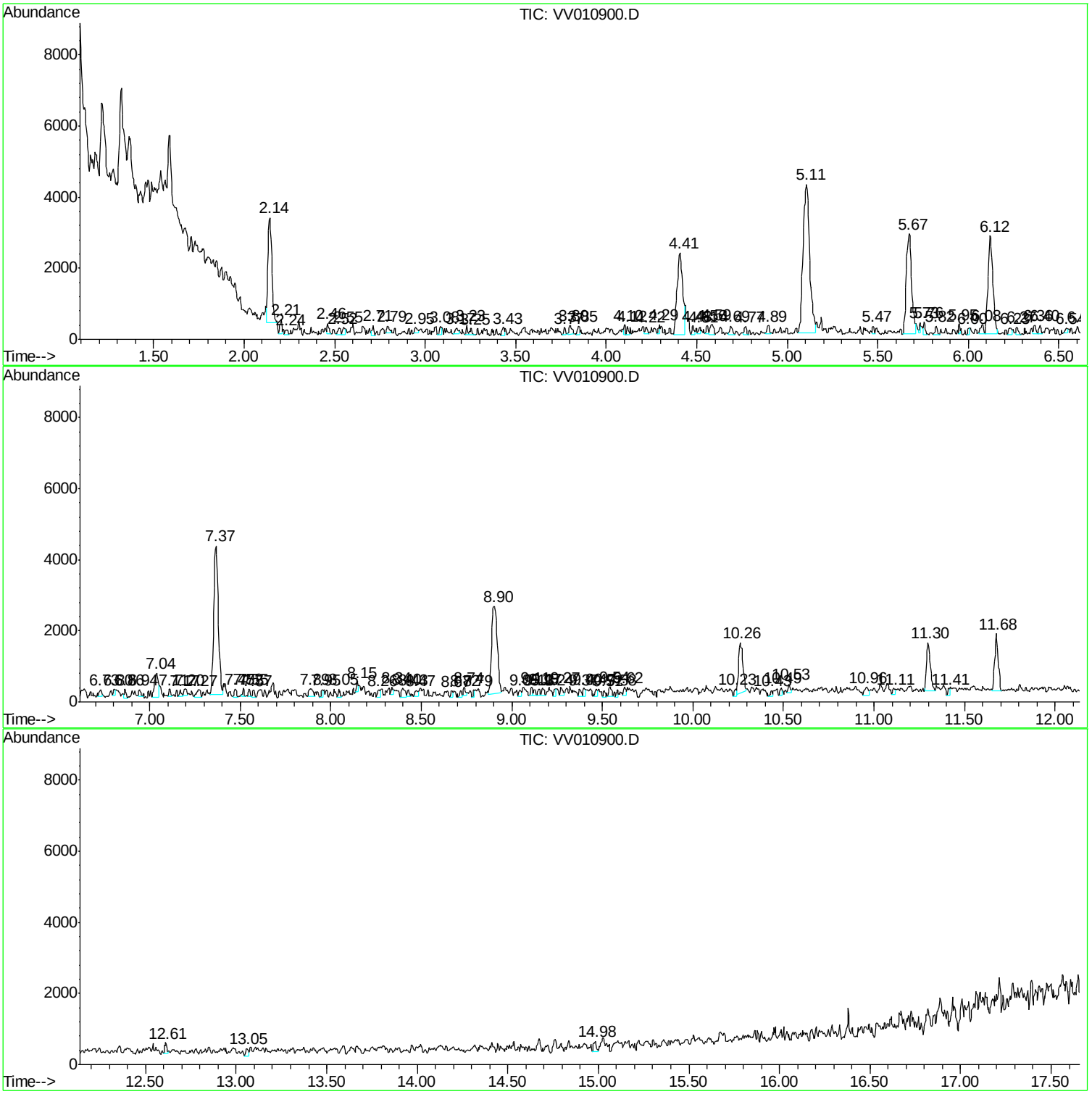
Sum of corrected areas: 67991

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010900.D
Acq On : 15 May 2019 14:52
Operator : SY/MD
Sample : K2737-15RE
Misc : 5.35G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB863RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010900.D
Acq On : 15 May 2019 14:52
Operator : SY/MD
Sample : K2737-15RE
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB863RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

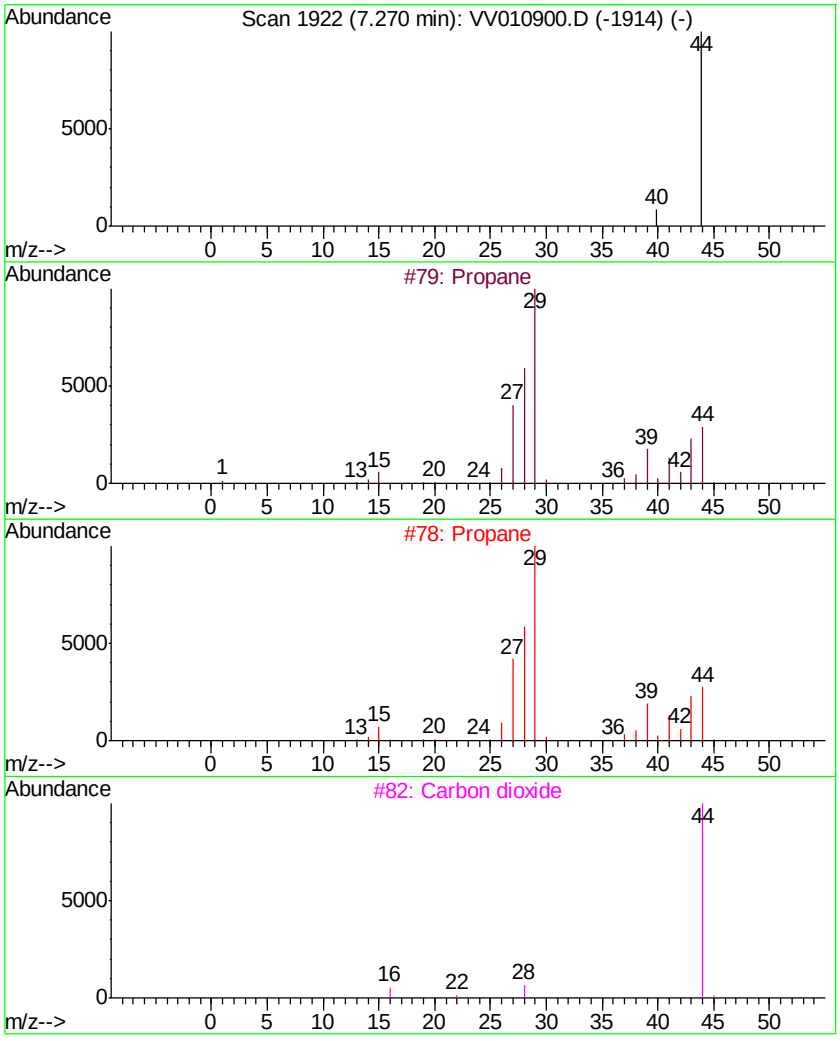
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

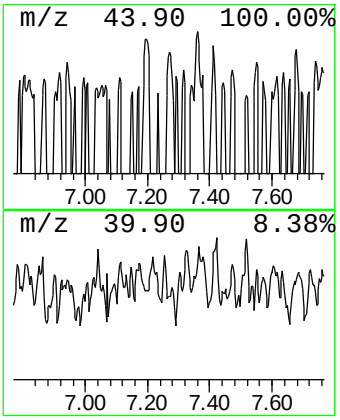
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	1.38 ug/L	320	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	2
2	Propane	44	C3H8	000074-98-6	2
3	Carbon dioxide	44	CO2	000124-38-9	2
4	Carbon dioxide	44	CO2	000124-38-9	2
5	Ethyne, fluoro-	44	C2HF	002713-09-9	2





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010900.D
Acq On : 15 May 2019 14:52
Operator : SY/MD
Sample : K2737-15RE
Misc : 5.35G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB863RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

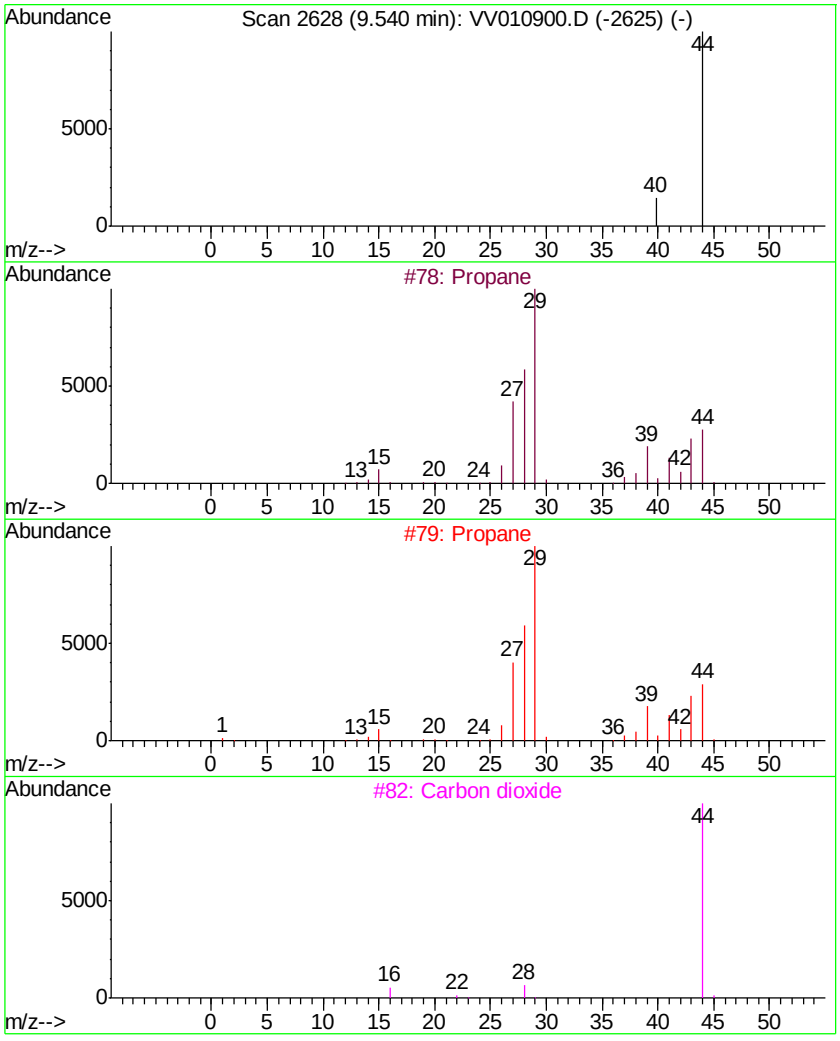
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

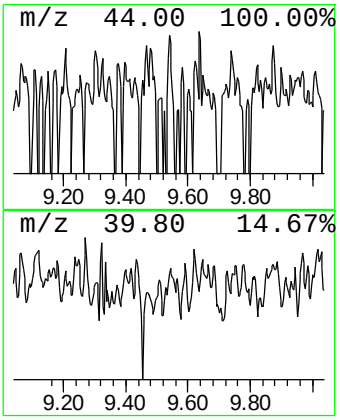
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	1.30 ug/L	276	Chlorobenzene-d5	8.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	3
2	Propane	44	C3H8	000074-98-6	2
3	Carbon dioxide	44	CO2	000124-38-9	2
4	Carbon dioxide	44	CO2	000124-38-9	2
5	Ethyne, fluoro-	44	C2HF	002713-09-9	2





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010900.D
Acq On : 15 May 2019 14:52
Operator : SY/MD
Sample : K2737-15RE
Misc : 5.35G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB863RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

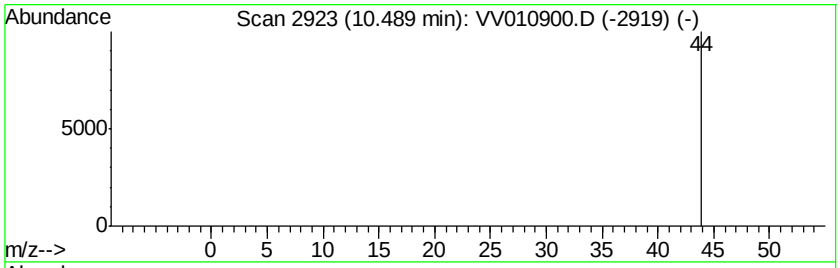
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

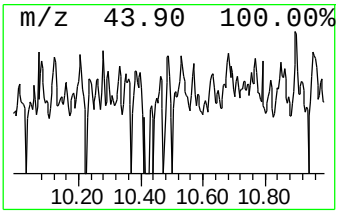
****

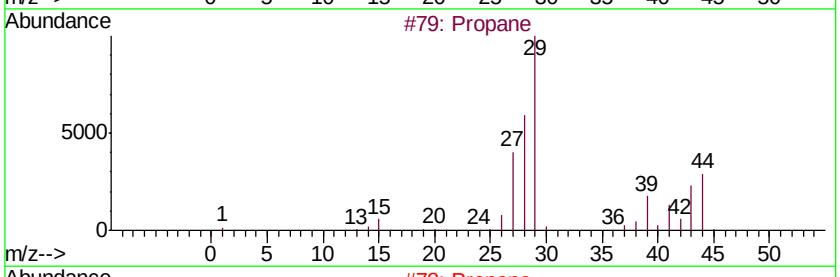
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

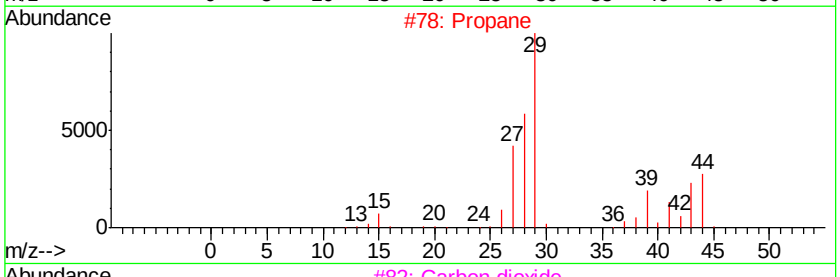
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	2.45 ug/L	199	1,4-Dichlorobenzene-d4	11.30

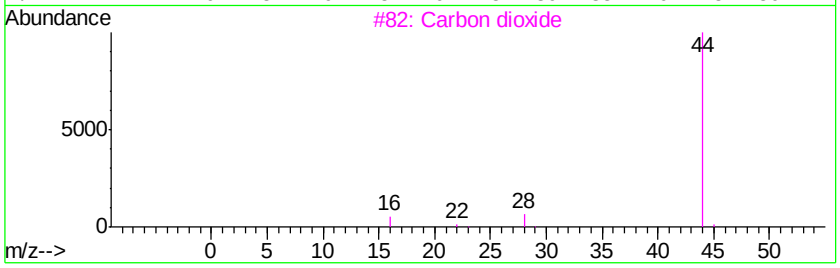
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	2
2	Propane	44	C3H8	000074-98-6	2
3	Carbon dioxide	44	CO2	000124-38-9	2
4	Carbon dioxide	44	CO2	000124-38-9	2
5	Ethyne, fluoro-	44	C2HF	002713-09-9	2











Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010900.D
Acq On : 15 May 2019 14:52
Operator : SY/MD
Sample : K2737-15RE
Misc : 5.35G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB863RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

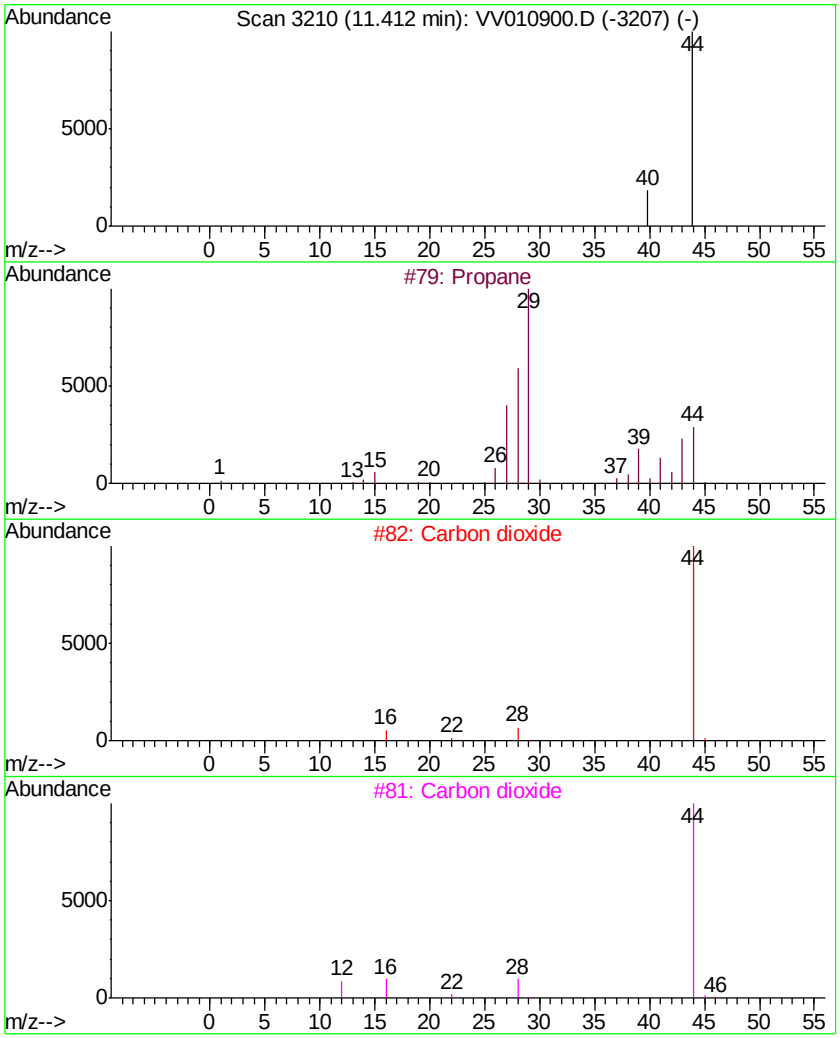
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

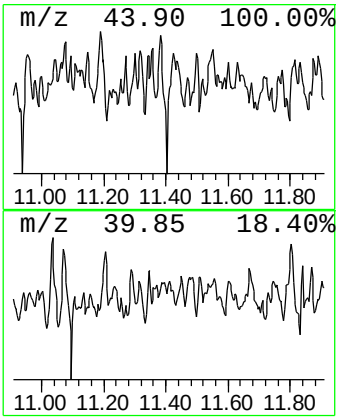
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	1.70 ug/L	138	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	2
2	Carbon dioxide	44	CO2	000124-38-9	2
3	Carbon dioxide	44	CO2	000124-38-9	2
4	Ethyne, fluoro-	44	C2HF	002713-09-9	2
5	Ethyne, fluoro-	44	C2HF	002713-09-9	2





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010900.D
Acq On : 15 May 2019 14:52
Operator : SY/MD
Sample : K2737-15RE
Misc : 5.35G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB863RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.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...	7.27	1.4	ug/L	320	1	5.67	5816	25.0
(DEL) Alkane: Str...	9.54	1.3	ug/L	276	2	8.91	5313	25.0
(DEL) Alkane: Str...	10.49	2.5	ug/L	199	3	11.30	2029	25.0
(DEL) Alkane: Str...	11.41	1.7	ug/L	138	3	11.30	2029	25.0