LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
Data File : VV019089.D
Acq On : 23 Oct 2020 13:52
Operator : SY/MD
Sample : L4425-06 2X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : X2P76

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\SOMVLM102220WMA.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	89	rVB	152106	169802	10.72%	0.877%
2	1.579	145	152	166	rVB	113879	146516	9.25%	0.756%
3	2.110	307	317	329	rBV	284878	416273	26.29%	2.149%
4	2.515	432	443	466	rVB	475944	776225	49.02%	4.007%
5	2.714	503	505	507	rBV	490	272	0.02%	0.001%
6	2.785	525	527	535	rVV4	437	369	0.02%	0.002%
7	2.814	535	536	538	rVB	370	112	0.01%	0.001%
8	2.878	552	556	559	rBV3	382	284	0.02%	0.001%
9	2.990	589	591	594	rBV	279	145	0.01%	0.001%
10	3.013	596	598	599	rBV	205	76	0.00%	0.000%
11	3.061	610	613	615	rBV2	303	190	0.01%	0.001%
12	3.093	621	623	626	rBV	131	77	0.00%	0.000%
13	3.138	632	637	640	rBV	416	416	0.03%	0.002%
14	3.203	640	657	680	rBV	256647	540126	34.11%	2.788%
15	3.402	717	719	722	rBV	244	162	0.01%	0.001%
16	3.421	722	725	729	rVV3	344	238	0.02%	0.001%
17	3.460	733	737	740	rVB	313	243	0.02%	0.001%
18	3.505	747	751	753	rBV3	369	307	0.02%	0.002%
19	3.553	763	766	768	rBV	254	154	0.01%	0.001%
20	3.582	772	775	777	rBV	203	134	0.01%	0.001%
21	3.650	793	796	800	rBV2	427	359	0.02%	0.002%
22	3.826	848	851	856	rVV	238	214	0.01%	0.001%
23	3.875	863	866	869	rBV	261	167	0.01%	0.001%
24	3.929	869	883	926	rBV3	153276	477203	30.14%	2.463%
25	4.267	974	988	1006	rBV2	237383	570234	36.01%	2.944%
26	4.624	1081	1099	1126	rBV	135405	346467	21.88%	1.788%
27	4.769	1132	1144	1156	rBV2	80911	198652	12.55%	1.025%
28	4.949	1198	1200	1205	rVB3	618	381	0.02%	0.002%
29	5.064	1219	1236	1252	rBV2	472415	1174213	74.16%	6.061%
30	5.148	1254	1262	1292	rVB	196642	428090	27.04%	2.210%
31	5.424	1343	1348	1349	rBV	210	158	0.01%	0.001%
32	5.502	1369	1372	1373	rBV2	322	177	0.01%	0.001%
33	5.563	1389	1391	1392	rBV	161	67	0.00%	0.000%
34	5.576	1393	1395	1398	rVB2	322	182	0.01%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
Data File : VV019089.D
Acq On : 23 Oct 2020 13:52
Operator : SY/MD
Sample : L4425-06 2X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : X2P76

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\SOMVLM102220WMA.M
Title : VOC Analysis

35	5.633	1398	1413	1439	rBV	342784	690425	43.60%	3.564%
36	5.868	1484	1486	1489	rBV3	232	146	0.01%	0.001%
37	5.933	1494	1506	1533	rBV2	192368	383251	24.20%	1.978%
38	6.090	1542	1555	1574	rBV	259594	529165	33.42%	2.732%
39	6.193	1576	1587	1610	rVB	187945	372851	23.55%	1.925%
40	6.334	1628	1631	1633	rBV2	441	346	0.02%	0.002%
41	6.370	1640	1642	1646	rVB	502	295	0.02%	0.002%
42	6.402	1646	1652	1657	rBV5	577	823	0.05%	0.004%
43	6.469	1670	1673	1676	rBV2	409	314	0.02%	0.002%
44	6.518	1686	1688	1691	rBV	263	184	0.01%	0.001%
45	6.598	1709	1713	1715	rBV2	473	339	0.02%	0.002%
46	6.637	1722	1725	1729	rBV2	349	283	0.02%	0.001%
47	6.701	1743	1745	1746	rBV	236	98	0.01%	0.001%
48	6.842	1787	1789	1791	rBV2	134	70	0.00%	0.000%
49	6.878	1796	1800	1801	rBV2	919	683	0.04%	0.004%
50	6.926	1811	1815	1821	rBV3	261	257	0.02%	0.001%
51	6.961	1822	1826	1828	rBV2	195	141	0.01%	0.001%
52	7.003	1828	1839	1866	rBV	147823	275876	17.42%	1.424%
53	7.248	1903	1915	1932	rBV	355280	915577	57.82%	4.726%
54	7.582	2008	2019	2029	rBV	180174	288949	18.25%	1.492%
55	7.640	2029	2037	2060	rVB	107819	197311	12.46%	1.019%
56	7.858	2093	2105	2131	rBV	416940	756742	47.79%	3.906%
57	7.994	2134	2147	2164	rBV	497627	829913	52.41%	4.284%
58	8.122	2173	2187	2219	rBV2	180580	567312	35.83%	2.928%
59	8.267	2220	2232	2251	rVV	312548	578614	36.54%	2.987%
60	8.373	2254	2265	2282	rVB	144009	255723	16.15%	1.320%
61	8.624	2341	2343	2348	rBV3	583	377	0.02%	0.002%
62	8.730	2374	2376	2377	rBV	318	124	0.01%	0.001%
63	8.759	2382	2385	2388	rVB	402	240	0.02%	0.001%
64	8.871	2408	2420	2446	rBV	520048	862786	54.49%	4.454%
65	9.167	2508	2512	2514	rBV2	437	345	0.02%	0.002%
66	9.228	2528	2531	2535	rBV2	375	315	0.02%	0.002%
67	9.334	2561	2564	2572	rVB2	379	419	0.03%	0.002%
68	9.366	2572	2574	2575	rBV2	193	87	0.01%	0.000%
69	9.582	2630	2641	2664	rBV	300230	494772	31.25%	2.554%
70	9.823	2712	2716	2719	rBV	321	264	0.02%	0.001%
71	9.842	2719	2722	2728	rVB2	405	352	0.02%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
Data File : VV019089.D
Acq On : 23 Oct 2020 13:52
Operator : SY/MD
Sample : L4425-06 2X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : X2P76

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\SOMVLM102220WMA.M
Title : VOC Analysis

72	9.881	2728	2734	2738	rBV2	427	496	0.03%	0.003%
73	9.952	2744	2756	2773	rBV	311372	481017	30.38%	2.483%
74	10.119	2806	2808	2811	rVB2	359	191	0.01%	0.001%
75	10.138	2811	2814	2816	rBV3	170	106	0.01%	0.001%
76	10.241	2833	2846	2868	rBV2	694018	1181016	74.59%	6.096%
77	10.379	2886	2889	2894	rVB2	896	593	0.04%	0.003%
78	10.428	2900	2904	2906	rBV	372	306	0.02%	0.002%
79	10.598	2947	2957	2972	rVB	96856	136660	8.63%	0.705%
80	10.694	2985	2987	2989	rBV	170	65	0.00%	0.000%
81	10.727	2994	2997	3000	rBV2	350	243	0.02%	0.001%
82	10.817	3021	3025	3027	rBV	353	259	0.02%	0.001%
83	10.865	3037	3040	3042	rBV	358	218	0.01%	0.001%
84	11.096	3109	3112	3116	rVB2	340	239	0.02%	0.001%
85	11.206	3134	3146	3156	rBV	222469	349607	22.08%	1.805%
86	11.273	3156	3167	3192	rVB2	647776	1583445	100.00%	8.174%
87	11.566	3255	3258	3260	rBV2	342	214	0.01%	0.001%
88	11.646	3271	3283	3303	rBV	588817	930468	58.76%	4.803%
89	11.839	3341	3343	3346	rVB2	353	159	0.01%	0.001%
90	11.952	3375	3378	3381	rBV2	382	255	0.02%	0.001%
91	12.064	3411	3413	3414	rBV	290	131	0.01%	0.001%
92	12.096	3420	3423	3427	rBV2	333	265	0.02%	0.001%
93	12.453	3522	3534	3547	rBV	119467	188335	11.89%	0.972%
94	12.521	3553	3555	3558	rBV2	388	223	0.01%	0.001%
95	12.669	3589	3601	3626	rVB	577501	887062	56.02%	4.579%
96	13.029	3710	3713	3715	rBV2	523	300	0.02%	0.002%
97	13.074	3725	3727	3729	rBV2	237	129	0.01%	0.001%
98	13.283	3782	3792	3811	rBV	245293	375420	23.71%	1.938%
99	13.427	3834	3837	3840	rBV	348	287	0.02%	0.001%
100	13.968	4001	4005	4007	rBV2	386	277	0.02%	0.001%

Sum of corrected areas: 19372440

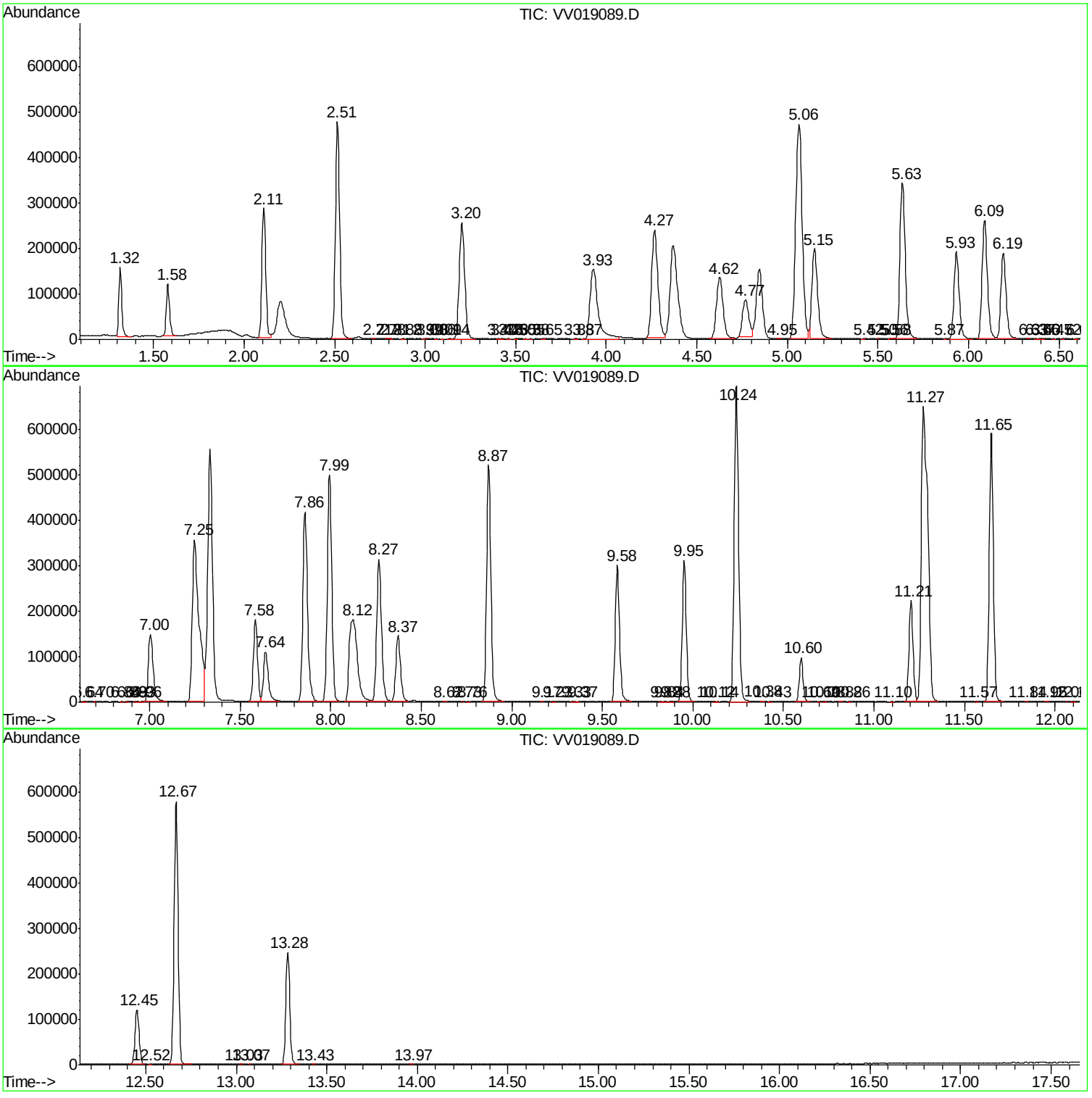
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102320\
Data File : VV019089.D
Acq On : 23 Oct 2020 13:52
Operator : SY/MD
Sample : L4425-06 2X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : X2P76

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102320\
Data File : VV019089.D
Acq On : 23 Oct 2020 13:52
Operator : SY/MD
Sample : L4425-06 2X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : X2P76

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis

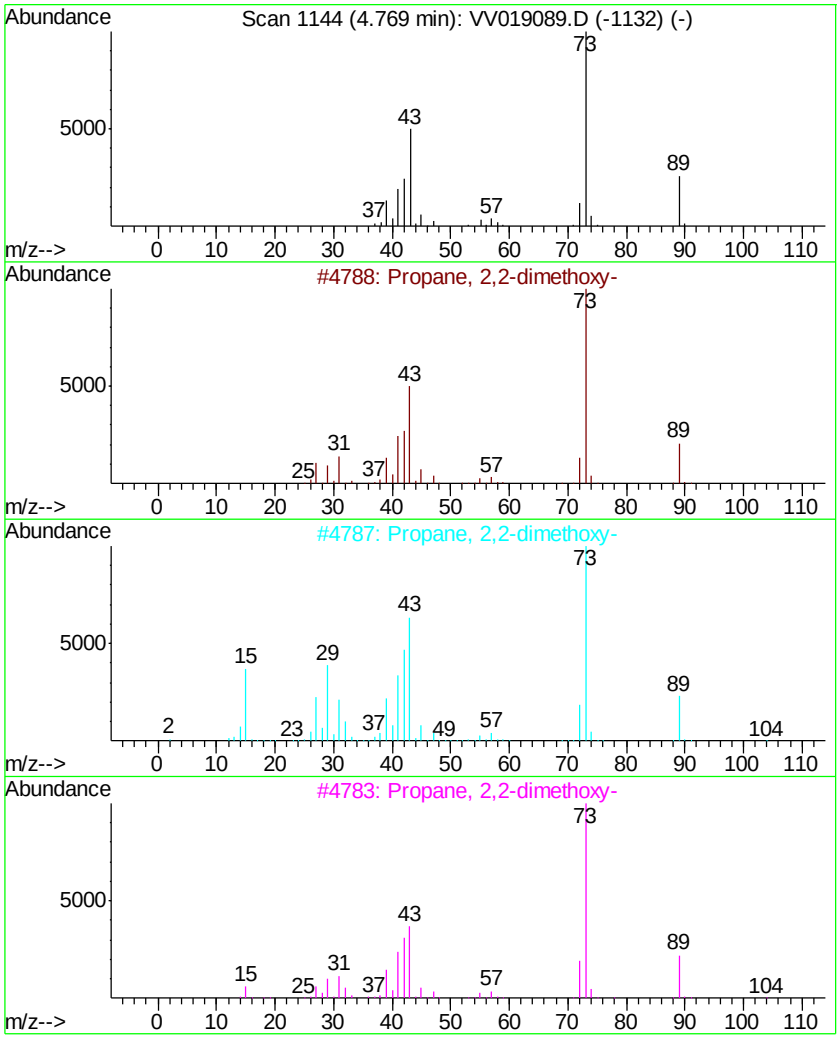
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

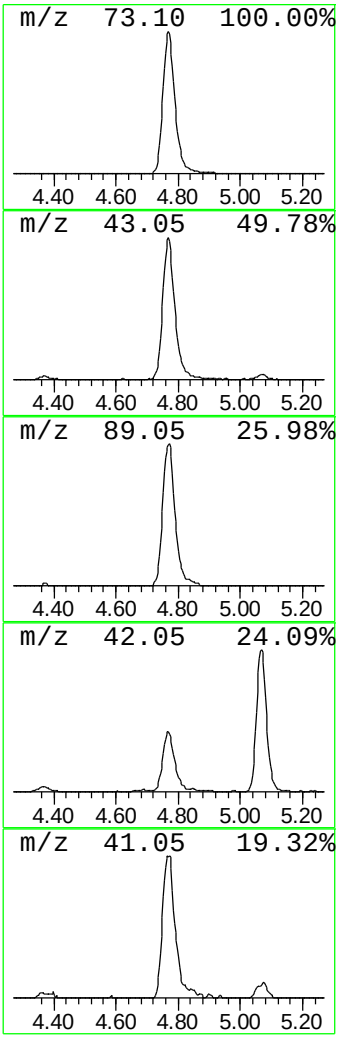
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	14.39 ug/L	198652	1,4-Difluorobenzene	5.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	53
3	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	53
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1-Butanol	74	C4H10O	000071-36-3	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102320\
Data File : VV019089.D
Acq On : 23 Oct 2020 13:52
Operator : SY/MD
Sample : L4425-06 2X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : X2P76

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis

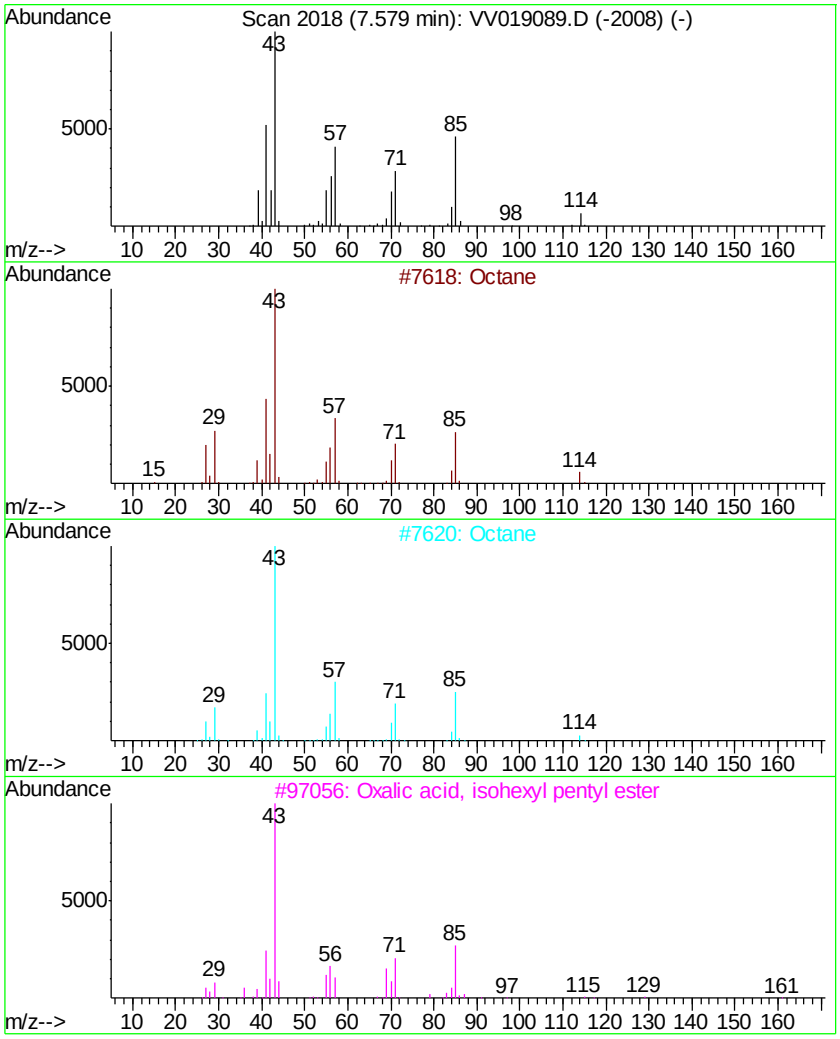
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

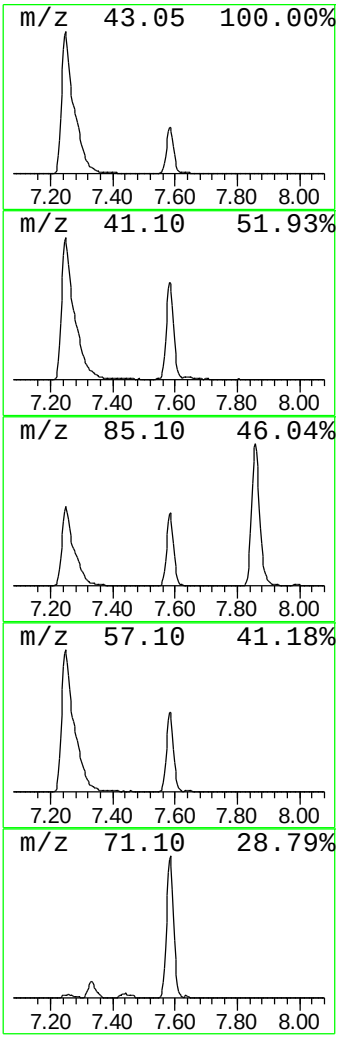
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	16.75 ug/L	288949	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	94
2	Octane	114	C8H18	000111-65-9	91
3	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	83
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102320\
Data File : VV019089.D
Acq On : 23 Oct 2020 13:52
Operator : SY/MD
Sample : L4425-06 2X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : X2P76

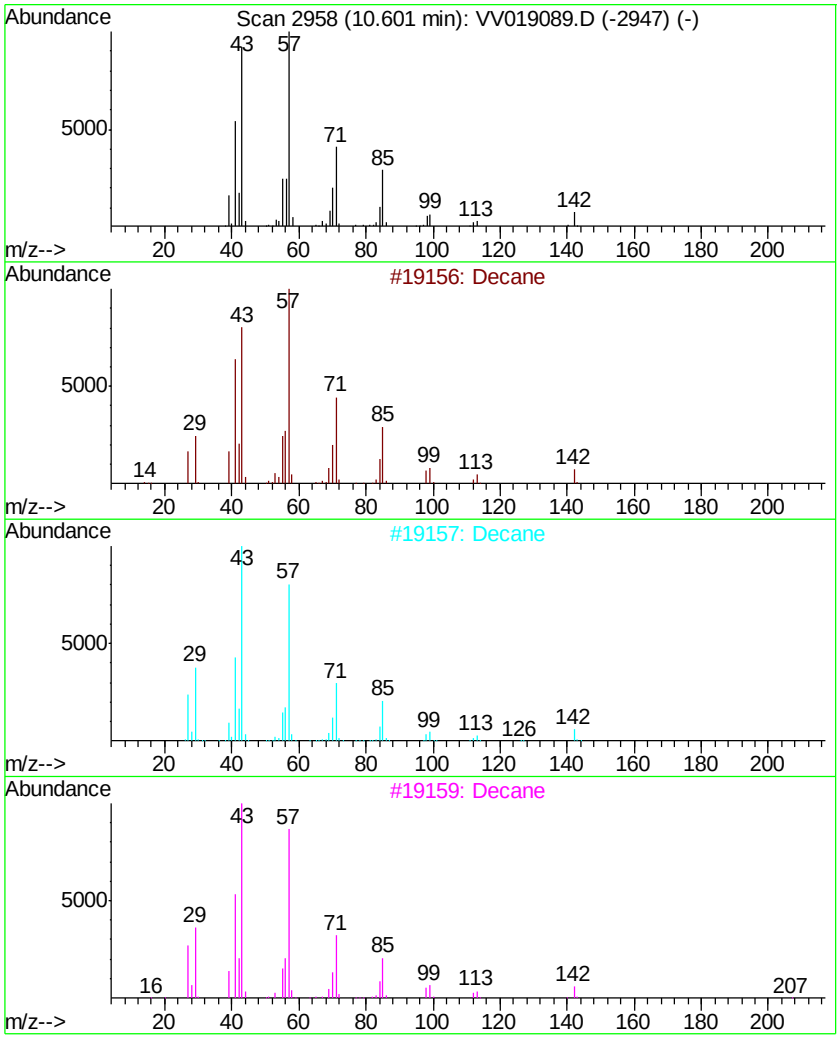
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis

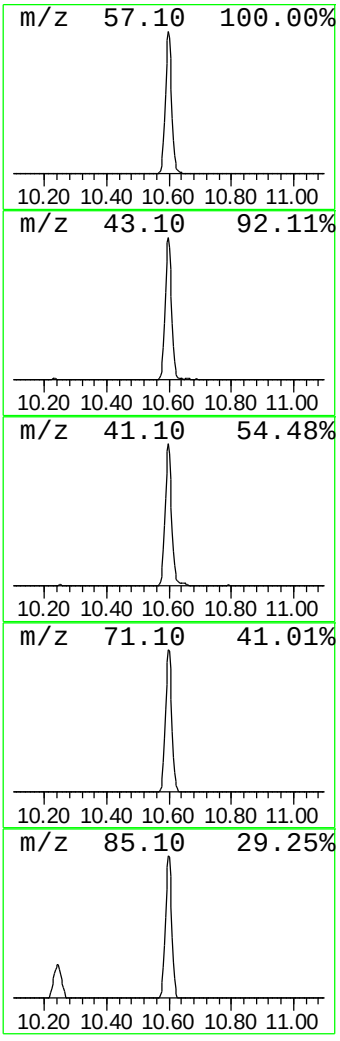
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	4.32 ug/L	136660	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	96
2	Decane	142	C10H22	000124-18-5	90
3	Decane	142	C10H22	000124-18-5	90
4	Decane	142	C10H22	000124-18-5	87
5	Octane	114	C8H18	000111-65-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102320\
Data File : VV019089.D
Acq On : 23 Oct 2020 13:52
Operator : SY/MD
Sample : L4425-06 2X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : X2P76

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis

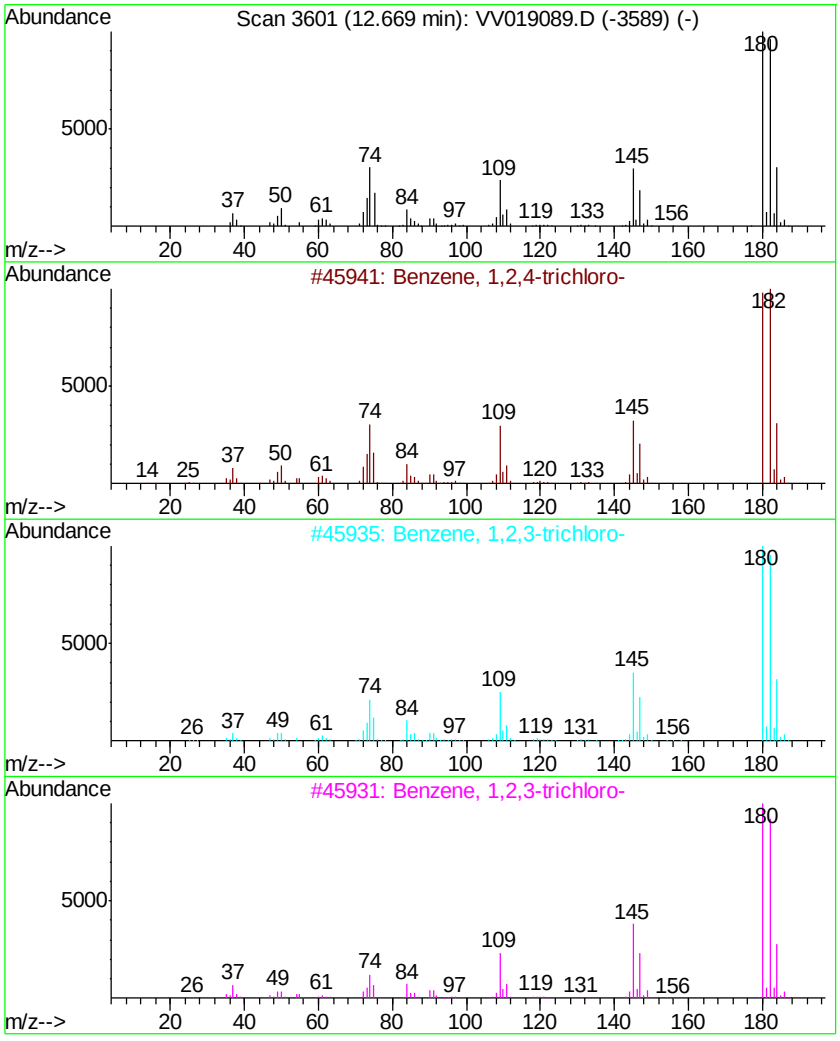
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

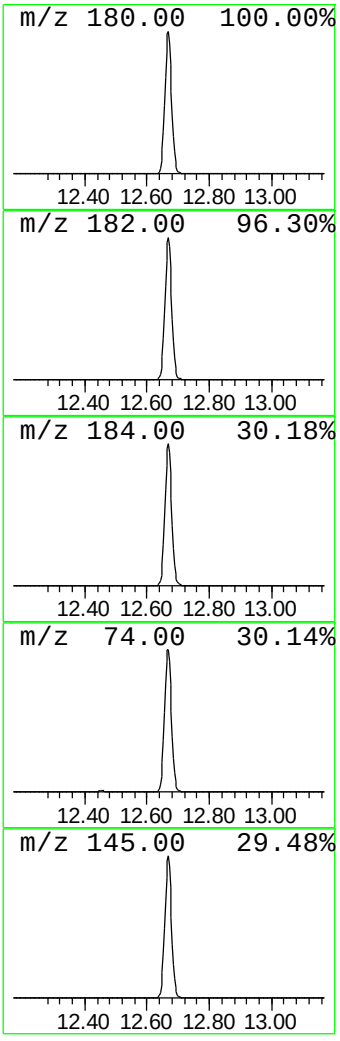
****

Peak Number 5 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	28.01 ug/L	887062	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102320\
Data File : VV019089.D
Acq On : 23 Oct 2020 13:52
Operator : SY/MD
Sample : L4425-06 2X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : X2P76

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.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
Propane, 2,2-dime...	4.77	14.4	ug/L	198652	1	5.63	690425	50.0
(DEL) Alkane: Str...	7.58	16.8	ug/L	288949	2	8.87	862786	50.0
(DEL) Alkane: Str...	10.60	4.3	ug/L	136660	3	11.27	1583450	50.0
Benzene, 1,3,5-tr...	12.67	28.0	ug/L	887062	3	11.27	1583450	50.0