LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011140.D
Acq On : 30 May 2019 16:43
Operator : SY/MD
Sample : K3081-06
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GALD6

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\SOM2VLM053019S.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	1.251	45	50	60	rVB	216196	188500	12.96%	0.759%
2	1.315	65	70	81	rVB	217547	196900	13.54%	0.793%
3	1.557	140	145	155	rVB	146710	164629	11.32%	0.663%
4	1.753	199	206	216	rVB	225538	288081	19.81%	1.160%
5	2.122	312	321	333	rVB3	546102	899418	61.84%	3.622%
6	2.528	438	447	461	rVB	148939	241868	16.63%	0.974%
7	2.804	516	533	554	rBV2	446831	1101345	75.72%	4.435%
8	3.238	663	668	670	rBV6	1041	932	0.06%	0.004%
9	3.273	678	679	683	rBV4	904	672	0.05%	0.003%
10	3.499	746	749	750	rBV3	986	538	0.04%	0.002%
11	3.589	773	777	778	rBV4	1282	754	0.05%	0.003%
12	3.630	787	790	794	rBV5	889	722	0.05%	0.003%
13	3.679	803	805	809	rBV4	989	573	0.04%	0.002%
14	3.765	830	832	837	rBV5	1070	938	0.06%	0.004%
15	3.849	856	858	862	rVB4	1250	832	0.06%	0.003%
16	3.952	873	890	924	rBV3	295934	899610	61.85%	3.623%
17	4.293	979	996	1011	rBV2	110297	262403	18.04%	1.057%
18	4.396	1017	1028	1053	rVB	210791	526971	36.23%	2.122%
19	4.868	1162	1175	1195	rVB	116178	273928	18.83%	1.103%
20	5.087	1225	1243	1254	rBV2	556945	1361229	93.59%	5.482%
21	5.531	1378	1381	1384	rVB4	1459	950	0.07%	0.004%
22	5.659	1408	1421	1459	rBV	412898	842719	57.94%	3.394%
23	5.955	1498	1513	1541	rBV	605241	1197062	82.30%	4.821%
24	6.113	1551	1562	1570	rBV	306669	593243	40.79%	2.389%
25	6.412	1647	1655	1674	rVB2	26232	52613	3.62%	0.212%
26	6.553	1688	1699	1717	rVB2	209570	387758	26.66%	1.562%
27	6.916	1808	1812	1814	rBV4	876	589	0.04%	0.002%
28	7.026	1827	1846	1852	rBV	196625	336702	23.15%	1.356%
29	7.357	1938	1949	1961	rBV	644197	1121814	77.13%	4.518%
30	7.428	1962	1971	2000	rVB	604435	1089958	74.94%	4.389%
31	7.659	2034	2043	2048	rBV	126296	198352	13.64%	0.799%
32	8.016	2134	2154	2180	rBV2	733981	1344147	92.42%	5.413%
33	8.132	2180	2190	2198	rVV	189305	315018	21.66%	1.269%
34	8.180	2199	2205	2227	rVV	234902	406113	27.92%	1.635%

LSC Area Percent Report

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Operator : SY/MD
Sample : K3081-06
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GALD6

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\SOM2VLM053019S.M
Title : VOC Analysis

35	8.286	2229	2238	2259	rVB	183220	315211	21.67%	1.269%
36	8.791	2394	2395	2401	rVV4	770	627	0.04%	0.003%
37	8.894	2413	2427	2452	rBV	651623	1137610	78.22%	4.581%
38	9.055	2466	2477	2496	rBV	555582	873130	60.03%	3.516%
39	9.183	2506	2517	2538	rBV	358609	575059	39.54%	2.316%
40	9.305	2553	2555	2560	rBV3	1434	1290	0.09%	0.005%
41	9.376	2573	2577	2581	rBV6	959	1156	0.08%	0.005%
42	9.453	2597	2601	2602	rBV4	1275	858	0.06%	0.003%
43	9.585	2629	2642	2664	rVV	440396	723867	49.77%	2.915%
44	9.775	2699	2701	2703	rBV2	1096	578	0.04%	0.002%
45	9.823	2714	2716	2719	rVB3	1410	540	0.04%	0.002%
46	9.974	2750	2763	2781	rBV	492606	780403	53.66%	3.143%
47	10.170	2818	2824	2834	rVB8	6287	9781	0.67%	0.039%
48	10.260	2839	2852	2875	rBV	825297	1344549	92.44%	5.415%
49	10.421	2894	2902	2915	rVB	28876	50986	3.51%	0.205%
50	10.492	2920	2924	2932	rVB9	1322	1655	0.11%	0.007%
51	10.563	2943	2946	2951	rVB7	1200	1135	0.08%	0.005%
52	10.765	2996	3009	3017	rBV7	2376	5772	0.40%	0.023%
53	10.881	3043	3045	3049	rVB4	2019	1181	0.08%	0.005%
54	10.929	3056	3060	3062	rBV3	977	668	0.05%	0.003%
55	10.955	3062	3068	3074	rBV6	4809	6652	0.46%	0.027%
56	11.045	3092	3096	3097	rBV4	870	519	0.04%	0.002%
57	11.074	3101	3105	3111	rVB7	2174	2416	0.17%	0.010%
58	11.151	3124	3129	3132	rBV6	1369	1496	0.10%	0.006%
59	11.225	3132	3152	3164	rVV	565876	905470	62.26%	3.646%
60	11.292	3164	3173	3192	rVB	646282	1047817	72.04%	4.220%
61	11.434	3209	3217	3224	rBV10	4421	7690	0.53%	0.031%
62	11.672	3277	3291	3313	rBV3	694052	1454449	100.00%	5.857%
63	11.817	3334	3336	3338	rBV3	1401	919	0.06%	0.004%
64	11.881	3351	3356	3358	rBV5	2894	2630	0.18%	0.011%
65	11.974	3382	3385	3386	rBV3	1412	733	0.05%	0.003%
66	12.019	3394	3399	3401	rBV5	1577	1520	0.10%	0.006%
67	12.051	3407	3409	3413	rVB5	1148	521	0.04%	0.002%
68	12.135	3433	3435	3438	rBV4	893	592	0.04%	0.002%
69	12.218	3457	3461	3464	rBV4	1163	763	0.05%	0.003%
70	12.292	3476	3484	3494	rVV	18125	28535	1.96%	0.115%
71	12.344	3497	3500	3506	rVB6	1180	1194	0.08%	0.005%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GALD6

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Title : VOC Analysis

72	12.395	3512	3516	3518	rBV4	1710	1394	0.10%	0.006%
73	12.476	3526	3541	3553	rBV	73267	120222	8.27%	0.484%
74	12.636	3588	3591	3596	rBV5	1348	1088	0.07%	0.004%
75	12.691	3596	3608	3625	rBV	698551	1075976	73.98%	4.333%
76	12.772	3631	3633	3635	rBV3	1064	556	0.04%	0.002%
77	12.829	3648	3651	3654	rBV4	1116	719	0.05%	0.003%
78	13.003	3701	3705	3709	rBV6	1518	1056	0.07%	0.004%
79	13.045	3716	3718	3722	rVB3	1135	539	0.04%	0.002%
80	13.119	3739	3741	3746	rBV5	1069	575	0.04%	0.002%
81	13.157	3749	3753	3756	rBV5	1082	842	0.06%	0.003%
82	13.206	3766	3768	3771	rBV4	1084	559	0.04%	0.002%
83	13.270	3785	3788	3791	rBV3	1283	864	0.06%	0.003%
84	13.415	3829	3833	3843	rBV8	1263	2026	0.14%	0.008%
85	13.485	3851	3855	3859	rBV5	1610	1569	0.11%	0.006%
86	13.630	3898	3900	3903	rVB3	1256	632	0.04%	0.003%
87	13.646	3903	3905	3909	rBV3	1544	987	0.07%	0.004%
88	13.743	3934	3935	3942	rVB6	1070	1044	0.07%	0.004%
89	13.794	3942	3951	3960	rVB4	16016	22956	1.58%	0.092%
90	13.852	3966	3969	3971	rBV3	969	603	0.04%	0.002%
91	13.984	4005	4010	4012	rBV3	1695	1467	0.10%	0.006%
92	14.019	4017	4021	4023	rBV5	1315	977	0.07%	0.004%
93	14.366	4123	4129	4130	rBV5	963	919	0.06%	0.004%
94	14.508	4170	4173	4176	rBV4	1179	888	0.06%	0.004%
95	14.861	4280	4283	4285	rBV4	1174	935	0.06%	0.004%
96	14.964	4311	4315	4318	rBV4	1332	1011	0.07%	0.004%
97	15.029	4330	4335	4339	rBV7	1512	1170	0.08%	0.005%
98	15.148	4370	4372	4375	rBV4	1306	939	0.06%	0.004%
99	15.193	4384	4386	4387	rBV2	1379	602	0.04%	0.002%
100	15.559	4497	4500	4501	rBV2	1151	713	0.05%	0.003%

Sum of corrected areas: 24831681

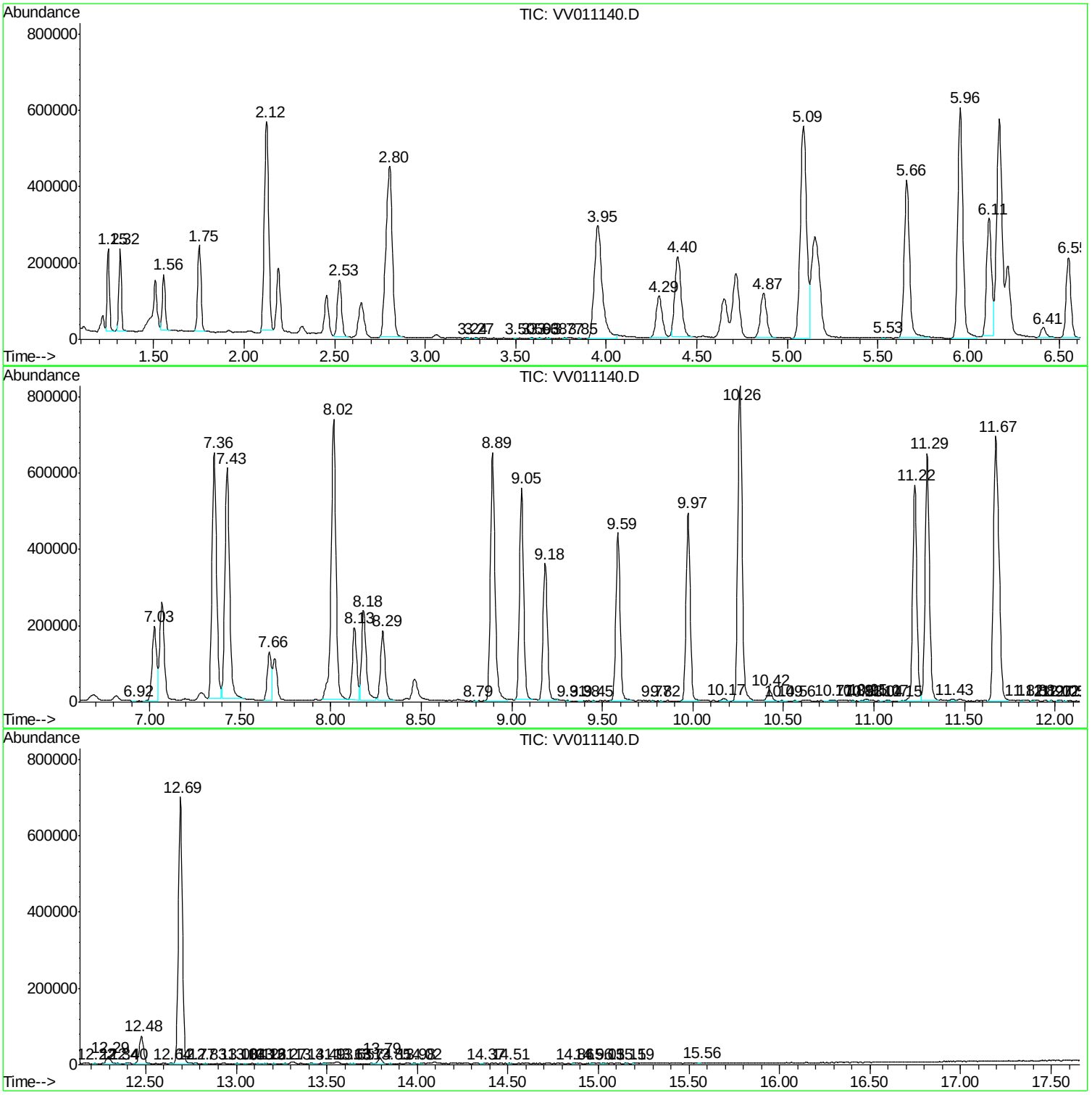
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011140.D
Acq On : 30 May 2019 16:43
Operator : SY/MD
Sample : K3081-06
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALD6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.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\VV053019\
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Instrument : MSVOA_V
ClientSampleId : GALD6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

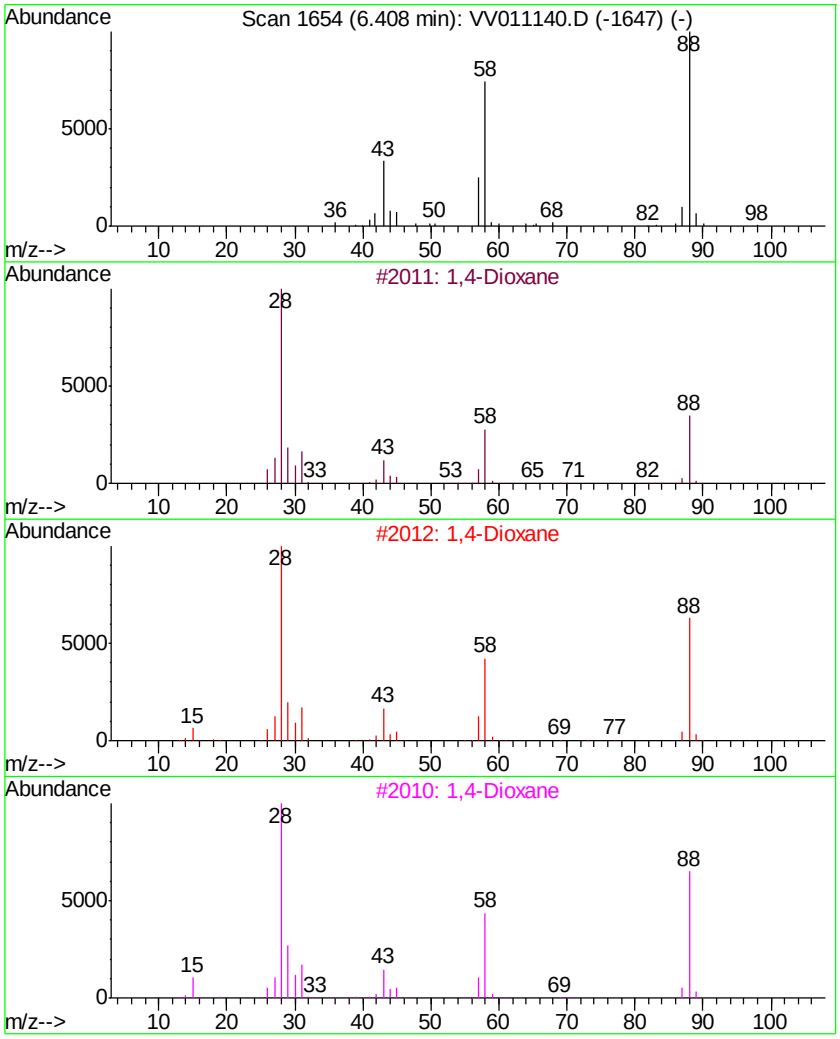
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

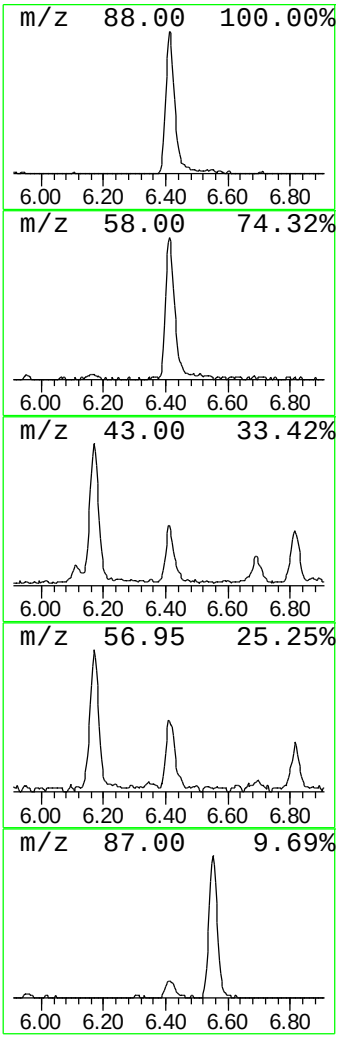
****

Peak Number 1 1,4-Dioxane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	1.56 ug/L	52613	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	87
2	1,4-Dioxane	88	C4H8O2	000123-91-1	86
3	1,4-Dioxane	88	C4H8O2	000123-91-1	78
4	1,4-Dioxane	88	C4H8O2	000123-91-1	78
5	Urea, N,N'-dimethyl-	88	C3H8N2O	000096-31-1	50





Library Search Compound Report

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Instrument : MSVOA_V
ClientSampleId : GALD6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

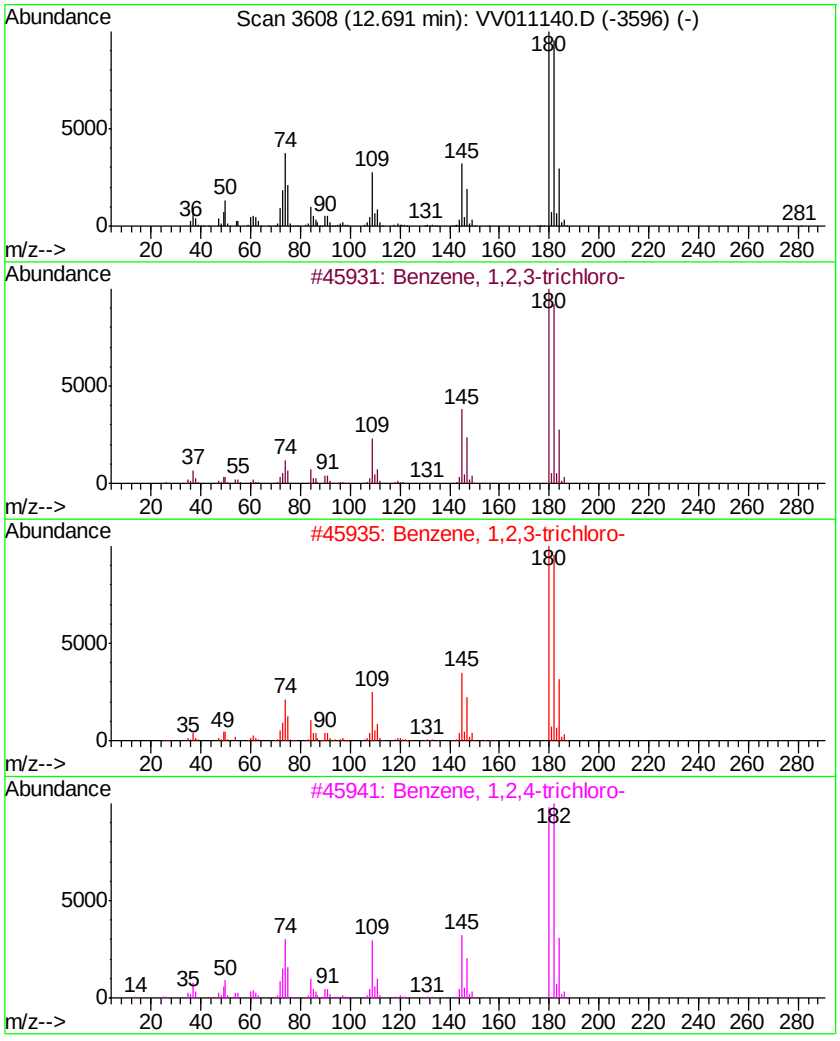
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

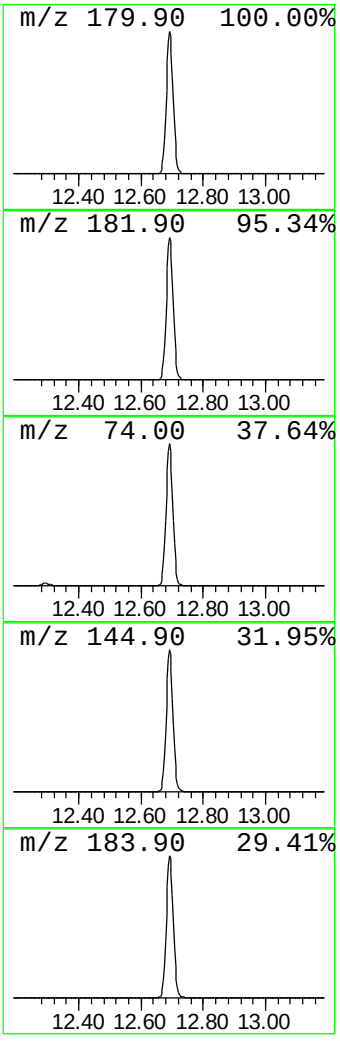
****

Peak Number 2 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	25.67 ug/L	1075980	1,4-Dichlorobenzene-d4	11.29

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





Library Search Compound Report

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Instrument : MSVOA_V
ClientSampleId : GALD6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

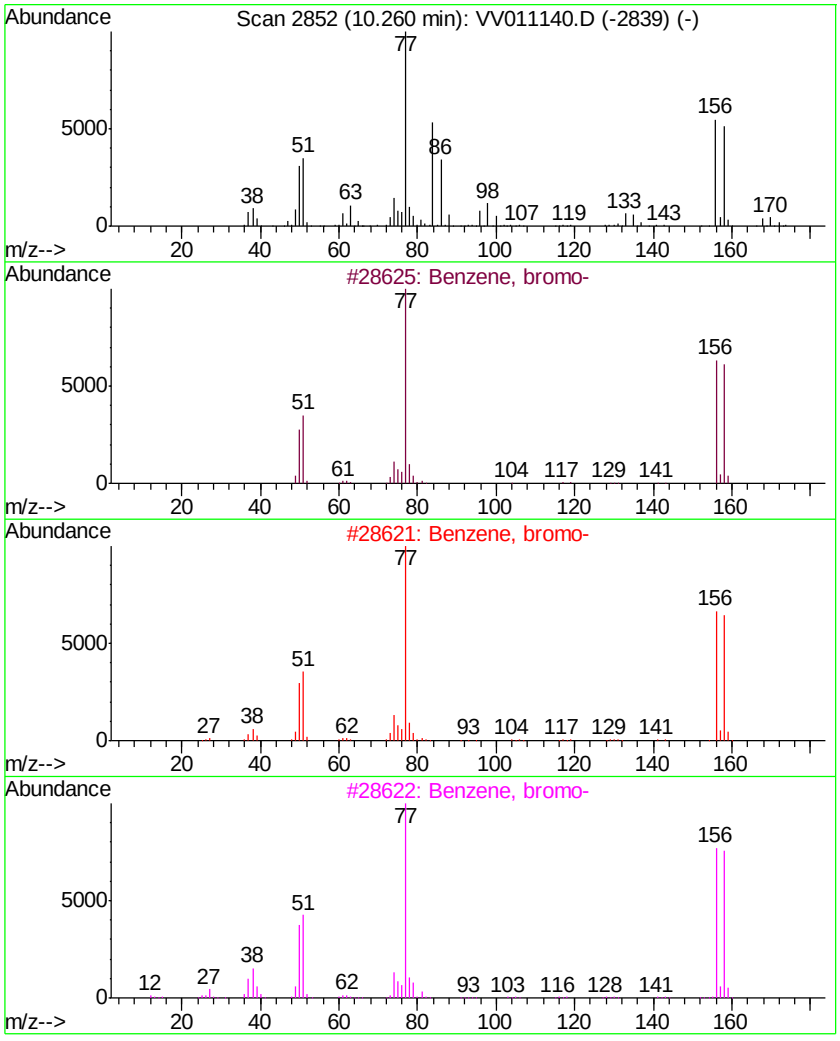
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

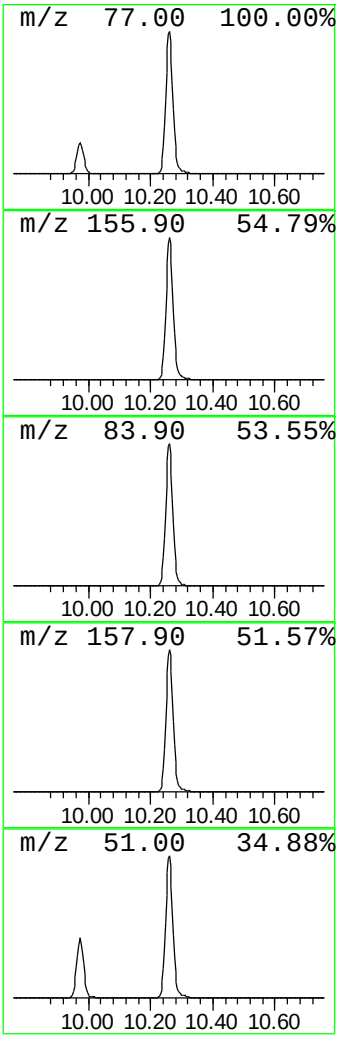
****

Peak Number 3 Benzene, bromo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	32.08 ug/L	1344550	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, bromo-	156	C6H5Br	000108-86-1	96
2	Benzene, bromo-	156	C6H5Br	000108-86-1	96
3	Benzene, bromo-	156	C6H5Br	000108-86-1	91
4	Benzene, bromo-	156	C6H5Br	000108-86-1	86
5	Benzene, bromo-	156	C6H5Br	000108-86-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.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
1,4-Dioxane	6.41	1.6	ug/L	52613	1	5.66	842719	25.0
Benzene, 1,3,5-tr...	12.69	25.7	ug/L	1075980	3	11.29	1047820	25.0
Benzene, bromo-	10.26	32.1	ug/L	1344550	3	11.29	1047820	25.0