LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022619\
Data File : VV009368.D
Acq On : 26 Feb 2019 15:22
Operator : SY/MD
Sample : K1579-01
Misc : 5.00G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB5Z1

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\SOM2VLM022619S.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	1.116	4	8	12	rBV2	3088	2553	0.32%	0.018%
2	1.219	35	40	44	rBV	10515	9397	1.19%	0.065%
3	1.251	44	50	60	rVV	93527	89791	11.38%	0.623%
4	1.315	63	70	83	rVB	109388	119900	15.20%	0.832%
5	1.534	131	138	145	rBV	71200	86751	11.00%	0.602%
6	1.579	145	152	163	rVV	154132	187489	23.77%	1.302%
7	1.759	201	208	221	rVB	176487	232360	29.45%	1.613%
8	2.129	312	323	336	rVB3	408997	691616	87.67%	4.801%
9	2.209	339	348	370	rVB	41724	95764	12.14%	0.665%
10	2.467	418	428	439	rBV	37593	64252	8.14%	0.446%
11	2.534	439	449	465	rVB	71460	120994	15.34%	0.840%
12	2.647	475	484	501	rBV	5807	13748	1.74%	0.095%
13	2.801	517	532	556	rBV2	207371	497998	63.13%	3.457%
14	3.071	606	616	628	rVB3	10539	21237	2.69%	0.147%
15	3.740	821	824	830	rVB5	673	705	0.09%	0.005%
16	3.788	830	839	842	rBV6	801	1243	0.16%	0.009%
17	3.840	852	855	860	rVB3	707	602	0.08%	0.004%
18	3.865	860	863	866	rBV4	647	597	0.08%	0.004%
19	3.958	875	892	932	rBV5	144008	413487	52.41%	2.871%
20	4.296	983	997	1012	rBV	54261	129745	16.45%	0.901%
21	4.399	1013	1029	1055	rVB	127756	307948	39.04%	2.138%
22	4.511	1061	1064	1069	rVB3	948	763	0.10%	0.005%
23	4.656	1092	1109	1118	rBV2	54438	132122	16.75%	0.917%
24	4.720	1120	1129	1147	rVB2	77544	184343	23.37%	1.280%
25	4.872	1159	1176	1194	rBV4	60522	144060	18.26%	1.000%
26	5.093	1226	1245	1261	rBV2	296913	732135	92.81%	5.083%
27	5.473	1358	1363	1365	rBV4	902	863	0.11%	0.006%
28	5.550	1383	1387	1393	rVB5	953	1148	0.15%	0.008%
29	5.585	1393	1398	1400	rBV4	845	674	0.09%	0.005%
30	5.663	1407	1422	1441	rBV	214311	440262	55.81%	3.056%
31	5.958	1499	1514	1530	rBV	311678	612732	77.67%	4.254%
32	6.116	1550	1563	1571	rBV	163359	321117	40.71%	2.229%
33	6.174	1572	1581	1590	rVV	221372	404861	51.32%	2.811%
34	6.457	1656	1669	1670	rBV6	7065	10239	1.30%	0.071%

LSC Area Percent Report

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Misc : 5.00G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB5Z1

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\SOM2VLM022619S.M
Title : VOC Analysis

35	6.553	1687	1699	1717	rVB	108816	202890	25.72%	1.409%
36	6.675	1731	1737	1744	rBV5	3715	6194	0.79%	0.043%
37	6.820	1780	1782	1788	rVB4	739	657	0.08%	0.005%
38	6.942	1818	1820	1825	rVB	656	504	0.06%	0.003%
39	6.971	1825	1829	1833	rBV2	549	606	0.08%	0.004%
40	7.029	1833	1847	1853	rVV	106716	190003	24.08%	1.319%
41	7.071	1854	1860	1883	rVB	122771	209859	26.60%	1.457%
42	7.251	1911	1916	1920	rBV4	619	764	0.10%	0.005%
43	7.293	1926	1929	1931	rBV2	1200	858	0.11%	0.006%
44	7.357	1937	1949	1962	rBV	361313	642037	81.39%	4.457%
45	7.431	1962	1972	1994	rVB	295767	539201	68.35%	3.743%
46	7.662	2033	2044	2049	rBV	71364	117464	14.89%	0.815%
47	7.788	2079	2083	2084	rBV2	718	458	0.06%	0.003%
48	8.016	2133	2154	2182	rBV	391952	701824	88.96%	4.872%
49	8.138	2182	2192	2200	rVV2	95929	172009	21.80%	1.194%
50	8.190	2201	2208	2228	rVV	100374	183491	23.26%	1.274%
51	8.289	2228	2239	2257	rVB2	100967	177895	22.55%	1.235%
52	8.470	2287	2295	2306	rBV3	8552	14167	1.80%	0.098%
53	8.897	2415	2428	2458	rVV	332600	584497	74.09%	4.058%
54	9.055	2465	2477	2502	rBV	265612	436012	55.27%	3.027%
55	9.187	2506	2518	2542	rVB	170705	287944	36.50%	1.999%
56	9.412	2582	2588	2591	rBV2	634	665	0.08%	0.005%
57	9.588	2631	2643	2666	rVV	211037	349406	44.29%	2.426%
58	9.907	2740	2742	2746	rVB3	695	504	0.06%	0.003%
59	9.974	2751	2763	2792	rVV	241883	386434	48.98%	2.683%
60	10.260	2840	2852	2875	rBV	424597	686312	87.00%	4.765%
61	10.431	2893	2905	2916	rVB2	11873	20641	2.62%	0.143%
62	10.524	2930	2934	2937	rBV2	655	446	0.06%	0.003%
63	10.572	2946	2949	2954	rVB5	541	472	0.06%	0.003%
64	10.614	2954	2962	2965	rBV6	904	1236	0.16%	0.009%
65	10.675	2978	2981	2987	rBV5	668	624	0.08%	0.004%
66	10.823	3023	3027	3030	rBV3	554	517	0.07%	0.004%
67	10.961	3065	3070	3073	rBV2	725	845	0.11%	0.006%
68	11.071	3100	3104	3108	rVB2	794	654	0.08%	0.005%
69	11.096	3108	3112	3115	rBV4	574	476	0.06%	0.003%
70	11.148	3123	3128	3133	rBV5	695	901	0.11%	0.006%
71	11.228	3137	3153	3164	rVV	277677	449614	56.99%	3.121%

LSC Area Percent Report

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Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB5Z1

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\SOM2VLM022619S.M
Title : VOC Analysis

72	11.296	3164	3174	3191	rVB	352869	554332	70.27%	3.848%
73	11.431	3214	3216	3223	rVB6	1074	1069	0.14%	0.007%
74	11.463	3223	3226	3227	rBV2	832	508	0.06%	0.004%
75	11.627	3270	3277	3279	rBV3	562	596	0.08%	0.004%
76	11.675	3279	3292	3312	rVV3	395555	788888	100.00%	5.477%
77	11.894	3352	3360	3365	rVB4	927	1191	0.15%	0.008%
78	12.071	3410	3415	3420	rBV4	734	651	0.08%	0.005%
79	12.106	3420	3426	3429	rBV5	614	642	0.08%	0.004%
80	12.312	3479	3490	3496	rVV3	2199	3979	0.50%	0.028%
81	12.479	3531	3542	3553	rBV3	41083	64260	8.15%	0.446%
82	12.694	3597	3609	3621	rBV	343175	526930	66.79%	3.658%
83	12.900	3671	3673	3679	rVB4	475	447	0.06%	0.003%
84	12.929	3679	3682	3684	rBV2	736	549	0.07%	0.004%
85	12.997	3700	3703	3707	rBV4	540	525	0.07%	0.004%
86	13.212	3765	3770	3772	rBV3	636	472	0.06%	0.003%
87	13.244	3777	3780	3786	rVB4	598	693	0.09%	0.005%
88	13.312	3798	3801	3807	rVB4	913	871	0.11%	0.006%
89	13.556	3868	3877	3878	rBV6	1146	1324	0.17%	0.009%
90	13.691	3915	3919	3923	rBV4	615	583	0.07%	0.004%
91	13.736	3927	3933	3935	rBV4	527	487	0.06%	0.003%
92	13.797	3943	3952	3961	rBV6	4707	7087	0.90%	0.049%
93	14.473	4157	4162	4163	rBV3	627	459	0.06%	0.003%
94	14.608	4200	4204	4207	rVB5	488	447	0.06%	0.003%
95	15.157	4372	4375	4380	rBV3	502	517	0.07%	0.004%
96	15.402	4448	4451	4454	rBV4	813	647	0.08%	0.004%
97	15.450	4463	4466	4471	rBV3	979	957	0.12%	0.007%
98	16.128	4675	4677	4679	rBV3	817	461	0.06%	0.003%
99	16.360	4745	4749	4751	rBV5	946	613	0.08%	0.004%
100	16.427	4765	4770	4773	rBV4	1521	1653	0.21%	0.011%

Sum of corrected areas: 14404415

LSC Report - Integrated Chromatogram

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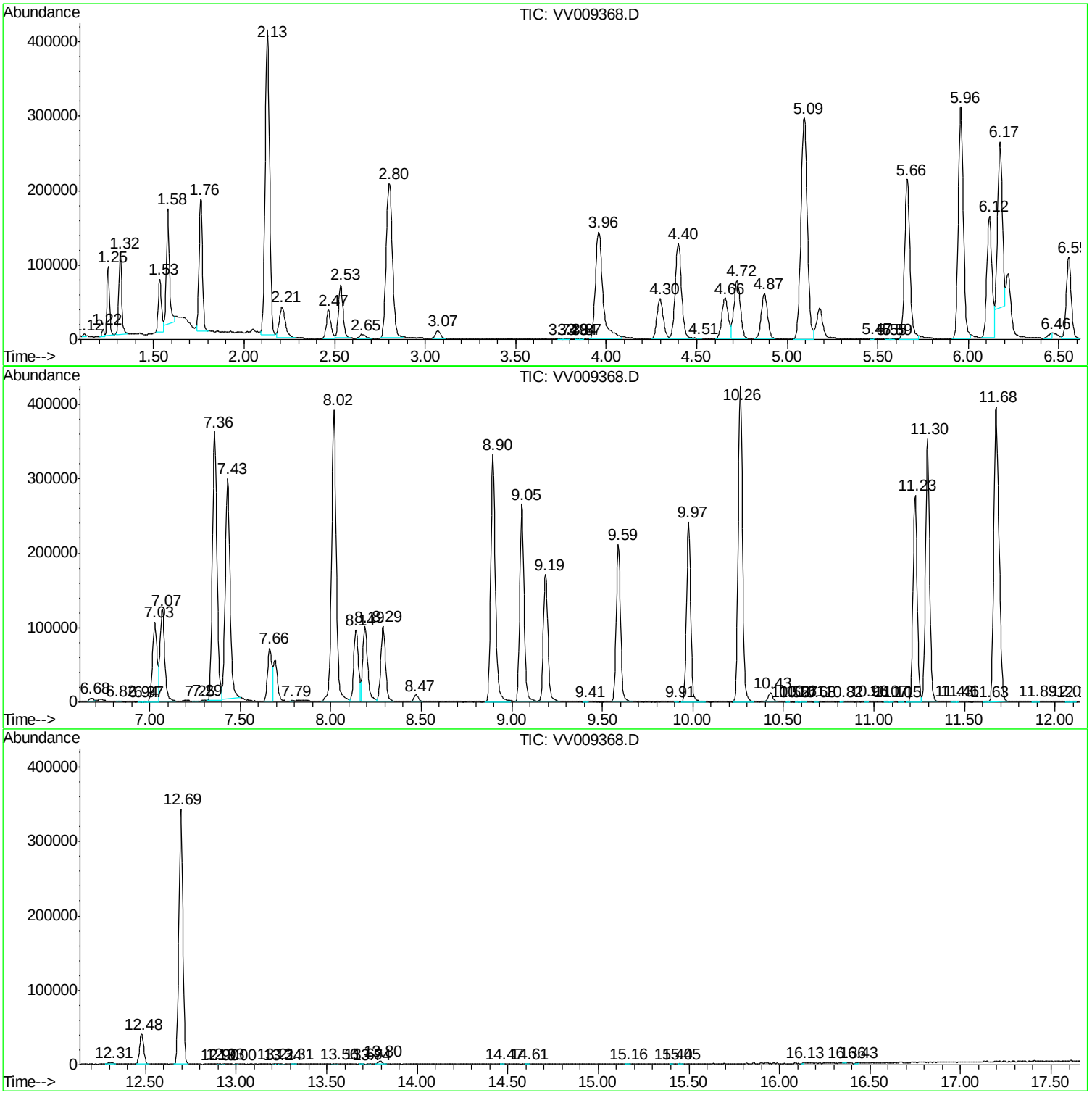
Sample : K1579-01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB5Z1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.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\VV022619\
Data File : VV009368.D
Acq On : 26 Feb 2019 15:22
Operator : SY/MD
Sample : K1579-01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB5Z1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis

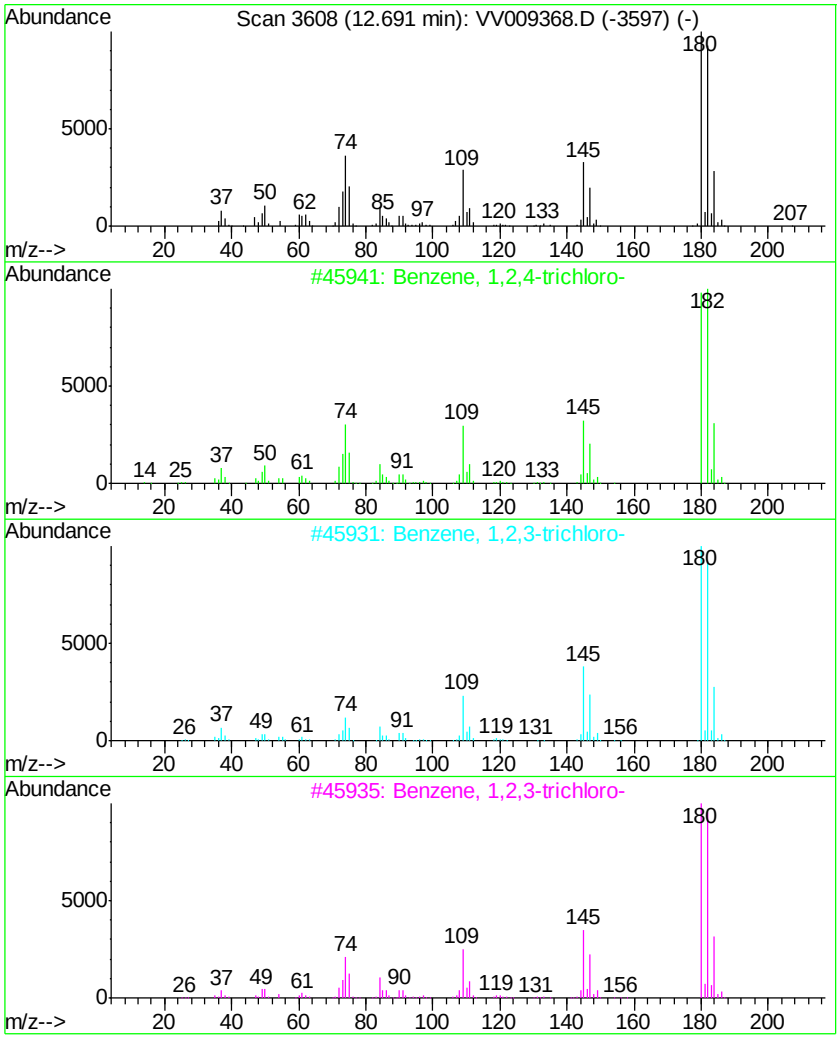
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

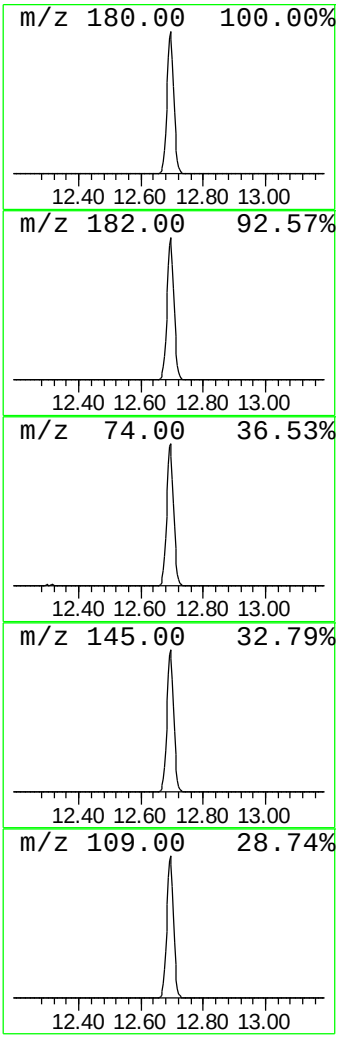
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	23.76 ug/L	526930	1,4-Dichlorobenzene-d4	11.30

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	96
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96





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ClientSampleId : DB5Z1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis

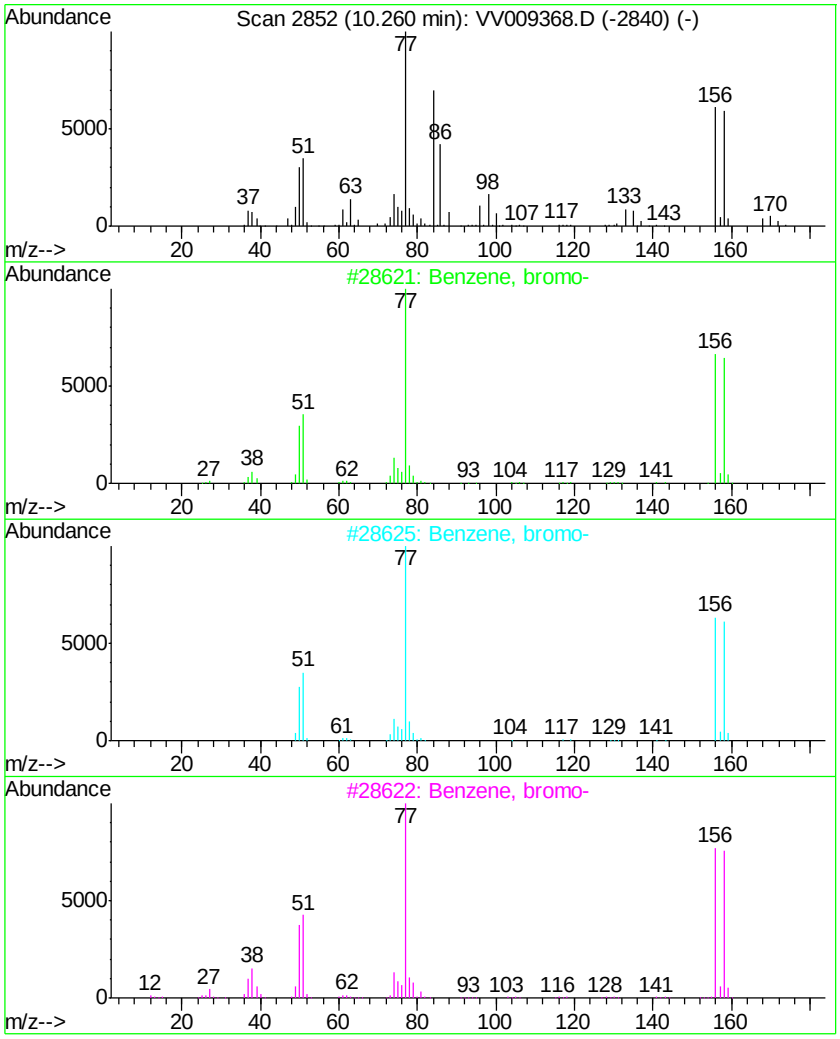
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

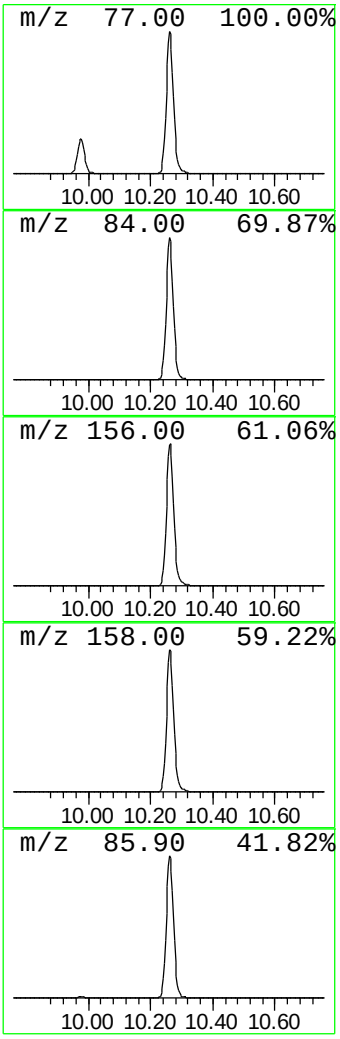
****

Peak Number 2 Benzene, bromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	30.95 ug/L	686312	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, bromo-	156	C6H5Br	000108-86-1	95
2	Benzene, bromo-	156	C6H5Br	000108-86-1	92
3	Benzene, bromo-	156	C6H5Br	000108-86-1	78
4	Benzene, bromo-	156	C6H5Br	000108-86-1	60
5	Benzene, bromo-	156	C6H5Br	000108-86-1	60





Tentatively Identified Compound (LSC) summary

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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
Benzene, 1,3,5-tr...	12.69	23.8	ug/L	526930	3	11.30	554332	25.0
Benzene, bromo-	10.26	30.9	ug/L	686312	3	11.30	554332	25.0