LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
Data File : VD077759.D
Acq On : 06 Dec 2023 14:09
Operator : JC/SY
Sample : 05646-02
Misc : 4.45G/10ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
C0AT6

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_D\Method\SFAMDLM112923SMA.M
Title : SFAM01.0

Signal : TIC: VD077759.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.693	14	18	21	rBV	32971	49329	0.04%	0.036%
2	1.746	21	27	39	rVB	4583156	6460514	5.55%	4.772%
3	1.975	64	66	68	rVB	4466	2449	0.00%	0.002%
4	2.005	70	71	72	rVB	3445	1255	0.00%	0.001%
5	2.146	93	95	97	rBV	4835	4300	0.00%	0.003%
6	2.281	113	118	124	rBV	245097	375356	0.32%	0.277%
7	2.817	204	209	219	rVB	191783	362804	0.31%	0.268%
8	3.258	282	284	285	rBV	5080	3251	0.00%	0.002%
9	3.511	324	327	328	rBV	2510	2240	0.00%	0.002%
10	3.617	343	345	346	rBV	1762	834	0.00%	0.001%
11	3.928	388	398	408	rBV	206564	546628	0.47%	0.404%
12	4.016	411	413	414	rBV2	4173	3412	0.00%	0.003%
13	4.146	433	435	437	rBV2	2355	1762	0.00%	0.001%
14	4.181	440	441	444	rVB	4004	3511	0.00%	0.003%
15	4.211	444	446	447	rBV	3343	2985	0.00%	0.002%
16	4.299	459	461	464	rVB	1742	1045	0.00%	0.001%
17	4.387	475	476	479	rBV	2040	1994	0.00%	0.001%
18	4.416	479	481	482	rBV	1431	1013	0.00%	0.001%
19	4.622	514	516	517	rBV	1855	1865	0.00%	0.001%
20	4.664	522	523	524	rVB	3119	1101	0.00%	0.001%
21	4.687	526	527	528	rBV	2010	735	0.00%	0.001%
22	4.716	530	532	535	rBV	2057	2307	0.00%	0.002%
23	4.740	535	536	539	rVB	3183	1673	0.00%	0.001%
24	4.764	539	540	541	rBV	2867	1499	0.00%	0.001%
25	4.969	573	575	576	rBV	2709	2138	0.00%	0.002%
26	4.981	576	577	578	rVV	3369	1394	0.00%	0.001%
27	5.011	581	582	587	rVB	2602	2436	0.00%	0.002%
28	5.052	587	589	590	rBV	2233	1474	0.00%	0.001%
29	5.063	590	591	593	rVV	2120	1603	0.00%	0.001%
30	5.111	597	599	604	rVB	1955	2503	0.00%	0.002%
31	5.234	618	620	624	rBV	2230	2938	0.00%	0.002%
32	5.346	638	639	640	rVB	2787	984	0.00%	0.001%
33	5.375	642	644	646	rVV2	1675	1493	0.00%	0.001%
34	5.434	653	654	657	rVB2	1956	1659	0.00%	0.001%
35	5.487	661	663	664	rBV	1517	1395	0.00%	0.001%
36	5.499	664	665	667	rVB	2597	1227	0.00%	0.001%

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AT6

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_D\Method\SFAMDLM112923SMA.M
Title : SFAM01.0

37	5.516	667	668	670	rBV	3407	1946	0.00%	0.001%
38	5.552	672	674	676	rVB	2651	1607	0.00%	0.001%
39	5.581	676	679	681	rBV	1660	2080	0.00%	0.002%
40	5.605	681	683	684	rVB	1775	727	0.00%	0.001%
41	5.811	717	718	719	rVB	2667	941	0.00%	0.001%
42	5.840	719	723	727	rBV	4403	7925	0.01%	0.006%
43	5.875	727	729	732	rVV3	4395	3954	0.00%	0.003%
44	5.916	734	736	737	rVB	3436	1591	0.00%	0.001%
45	6.016	751	753	756	rVB	2780	2817	0.00%	0.002%
46	6.046	756	758	761	rBV2	1213	1426	0.00%	0.001%
47	6.111	768	769	771	rVB	1691	771	0.00%	0.001%
48	6.128	771	772	773	rBV	2675	1031	0.00%	0.001%
49	6.175	779	780	781	rBV	2765	1575	0.00%	0.001%
50	6.240	790	791	793	rVB	1959	857	0.00%	0.001%
51	6.258	793	794	797	rBV2	1854	1503	0.00%	0.001%
52	6.363	811	812	815	rVB	2540	1668	0.00%	0.001%
53	6.458	826	828	831	rBV2	1609	1824	0.00%	0.001%
54	6.510	836	837	838	rVB	3001	1059	0.00%	0.001%
55	6.534	838	841	842	rBV2	2123	2227	0.00%	0.002%
56	6.728	873	874	875	rBV	2680	947	0.00%	0.001%
57	6.775	881	882	883	rBV	2515	1482	0.00%	0.001%
58	6.816	887	889	890	rVB	2505	1720	0.00%	0.001%
59	6.834	890	892	893	rBV	1576	1268	0.00%	0.001%
60	6.846	893	894	896	rBV	2067	1502	0.00%	0.001%
61	6.869	896	898	899	rBV	2297	1239	0.00%	0.001%
62	6.987	911	918	930	rBV	39391	108795	0.09%	0.080%
63	7.140	943	944	945	rBV	2737	1273	0.00%	0.001%
64	7.187	948	952	953	rVB3	2441	2678	0.00%	0.002%
65	7.228	958	959	962	rVB	1591	1292	0.00%	0.001%
66	7.258	962	964	965	rBV	2080	1078	0.00%	0.001%
67	7.363	981	982	984	rBV	2499	1311	0.00%	0.001%
68	7.434	993	994	995	rBV	2222	911	0.00%	0.001%
69	7.575	1007	1018	1029	rBV	256097	653995	0.56%	0.483%
70	7.775	1050	1052	1054	rBV	2574	2429	0.00%	0.002%
71	7.840	1062	1063	1064	rBV	2712	1462	0.00%	0.001%
72	7.975	1083	1086	1088	rBV2	2200	1978	0.00%	0.001%
73	8.063	1100	1101	1102	rBV	2062	1227	0.00%	0.001%
74	8.099	1106	1107	1110	rVB	3271	2253	0.00%	0.002%
75	8.140	1112	1114	1115	rBV	2980	2209	0.00%	0.002%
76	8.210	1116	1126	1128	rBV	537692	1151193	0.99%	0.850%

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
C0AT6

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_D\Method\SFAMDLM112923SMA.M
Title : SFAM01.0

77	8.528	1179	1180	1181	rBV	3190	1183	0.00%	0.001%
78	8.781	1215	1223	1235	rVB	502228	1006788	0.86%	0.744%
79	9.216	1287	1297	1316	rBV	341622	736829	0.63%	0.544%
80	9.481	1340	1342	1345	rBV2	1787	2272	0.00%	0.002%
81	9.651	1368	1371	1373	rBV3	5417	6826	0.01%	0.005%
82	9.722	1381	1383	1384	rBV	1890	1204	0.00%	0.001%
83	9.834	1399	1402	1403	rBV	1942	1824	0.00%	0.001%
84	9.981	1420	1427	1439	rBV	210935	375058	0.32%	0.277%
85	10.275	1470	1477	1484	rBV	663185	1222408	1.05%	0.903%
86	10.528	1514	1520	1527	rVB	134783	231722	0.20%	0.171%
87	10.663	1537	1543	1553	rBV2	30101	61423	0.05%	0.045%
88	10.734	1553	1555	1556	rBV	3244	2029	0.00%	0.001%
89	10.881	1573	1580	1587	rBV	169851	299461	0.26%	0.221%
90	11.616	1693	1705	1724	rBV2	67668542	116395942	100.00%	85.979%
91	12.334	1826	1827	1830	rBV	4132	2580	0.00%	0.002%
92	12.581	1864	1869	1875	rBV2	30833	52890	0.05%	0.039%
93	12.651	1875	1881	1889	rVB	229118	381880	0.33%	0.282%
94	12.851	1908	1915	1921	rBV	1349098	2171523	1.87%	1.604%
95	12.951	1926	1932	1940	rVB	288043	474660	0.41%	0.351%
96	13.157	1965	1967	1970	rBV	3389	3037	0.00%	0.002%
97	13.534	2022	2031	2039	rBV2	627200	1486806	1.28%	1.098%
98	13.816	2073	2079	2088	rBV	326047	546809	0.47%	0.404%
99	14.563	2201	2206	2212	rVB2	42912	76115	0.07%	0.056%
100	15.204	2313	2315	2316	rBV	3360	1710	0.00%	0.001%

Sum of corrected areas: 135377856

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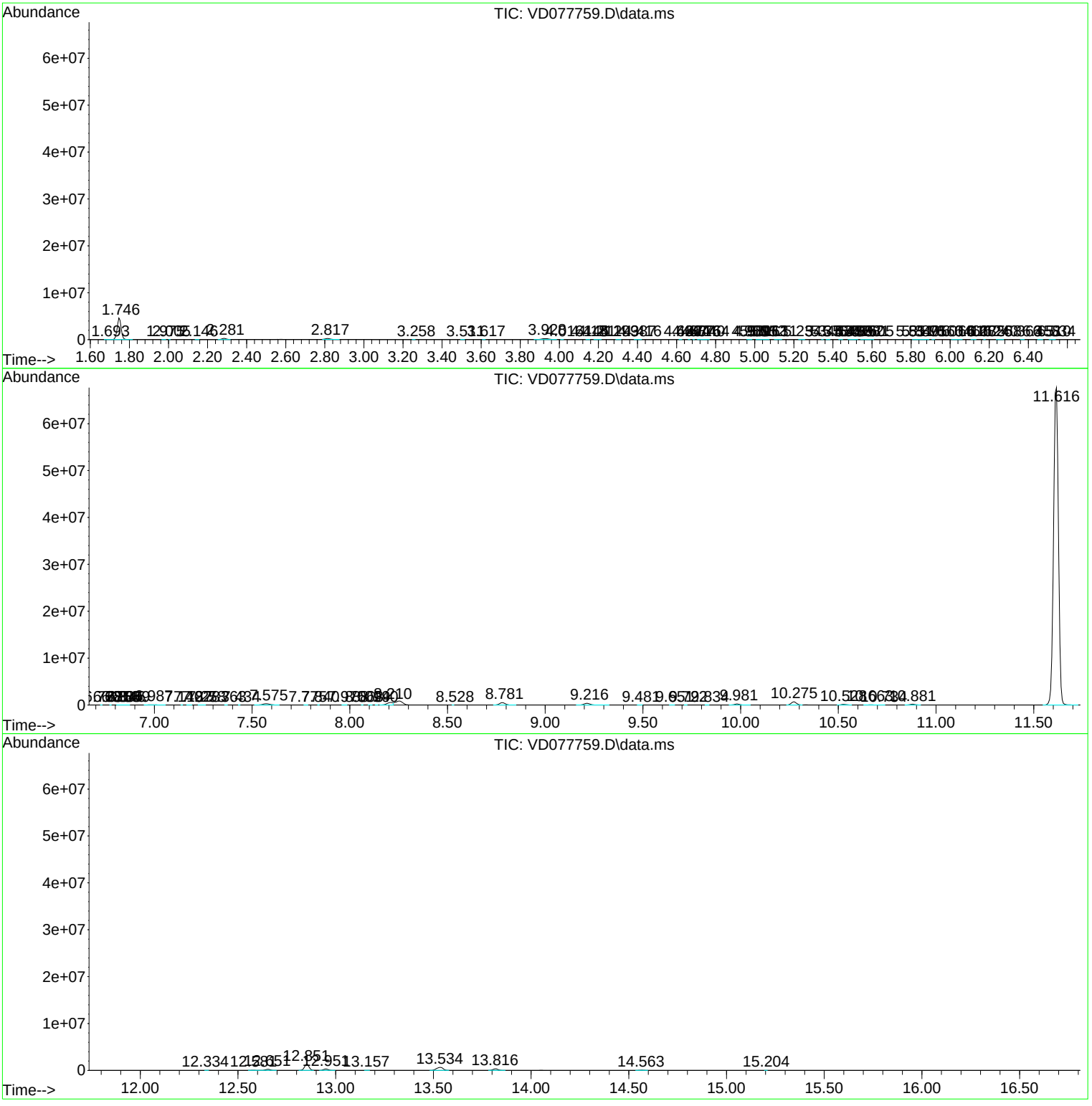
Instrument :
MSVOA_D
ClientSampleId :
C0AT6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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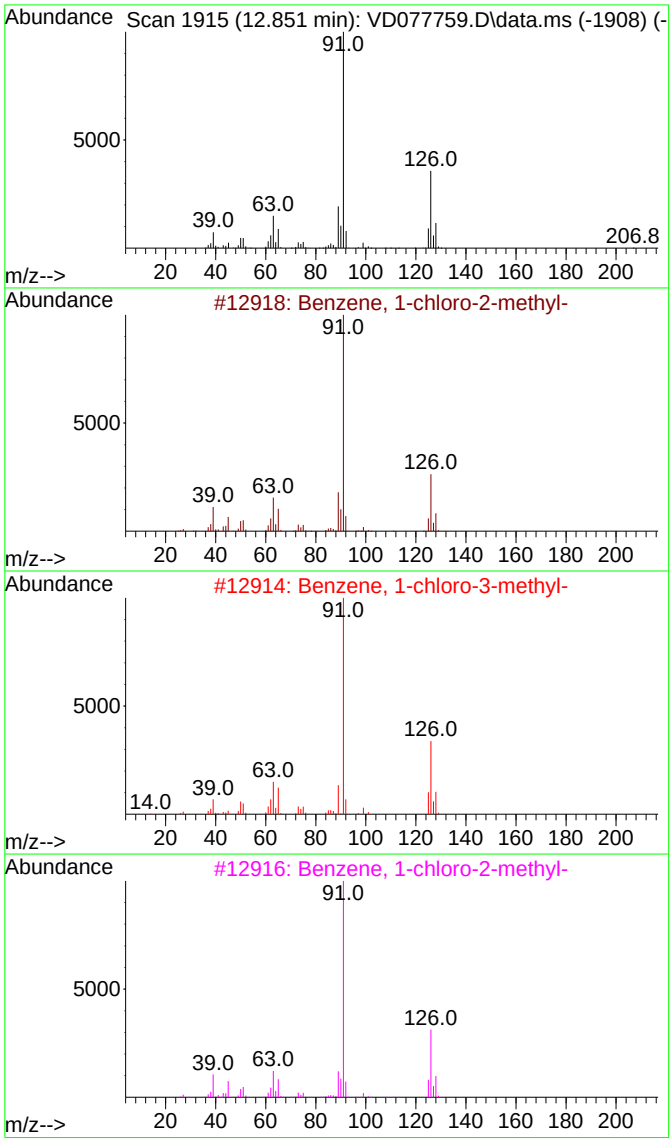
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0

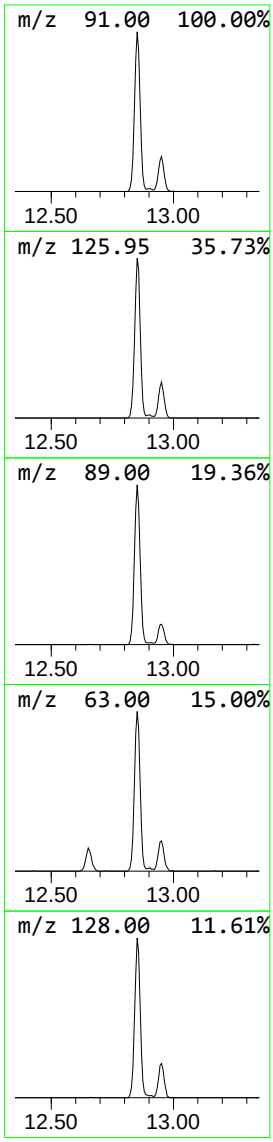
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-chloro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.851	36.51 ug/L	2171520	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	94
3	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	93
5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	93





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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
C0AT6

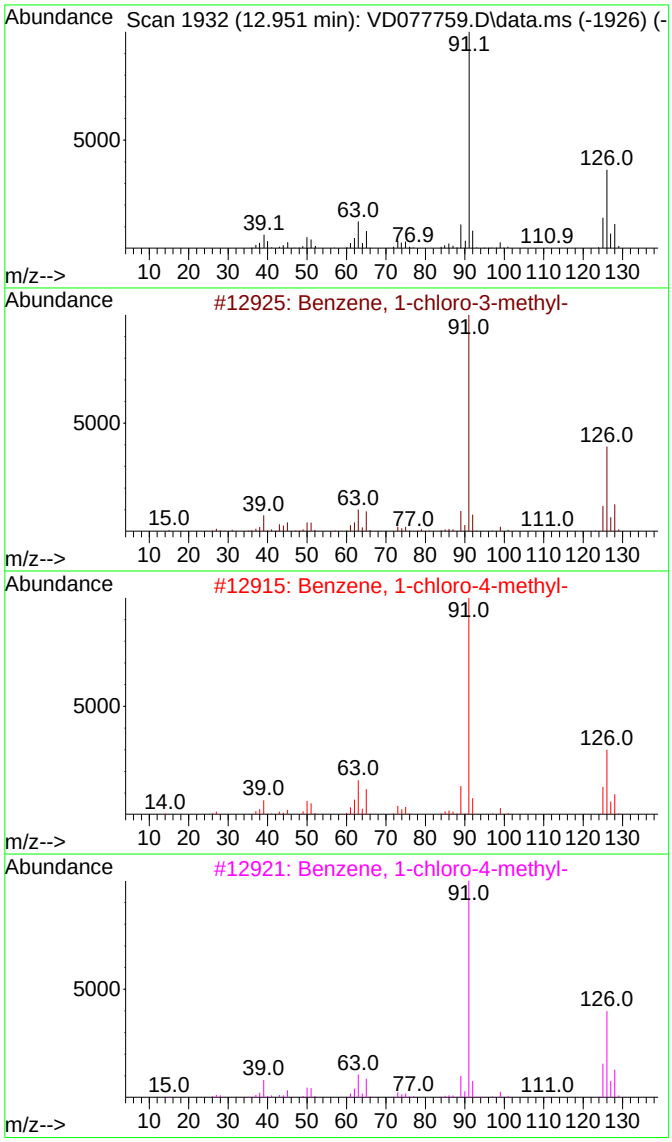
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0

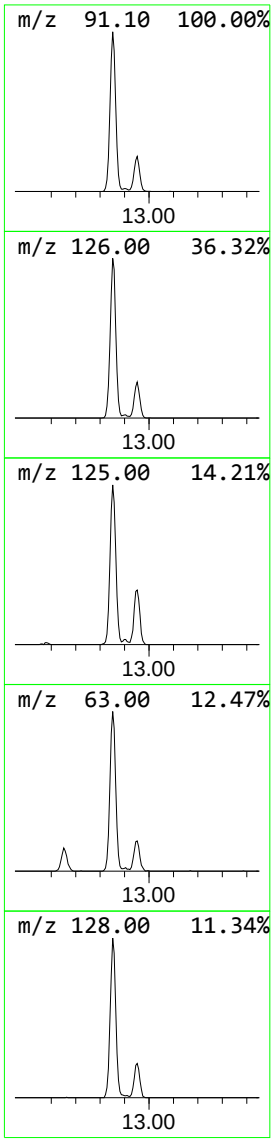
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-chloro-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.951	7.98 ug/L	474660	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	97
2	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	96
3	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	96
4	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	95
5	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	95





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ClientSampleId :
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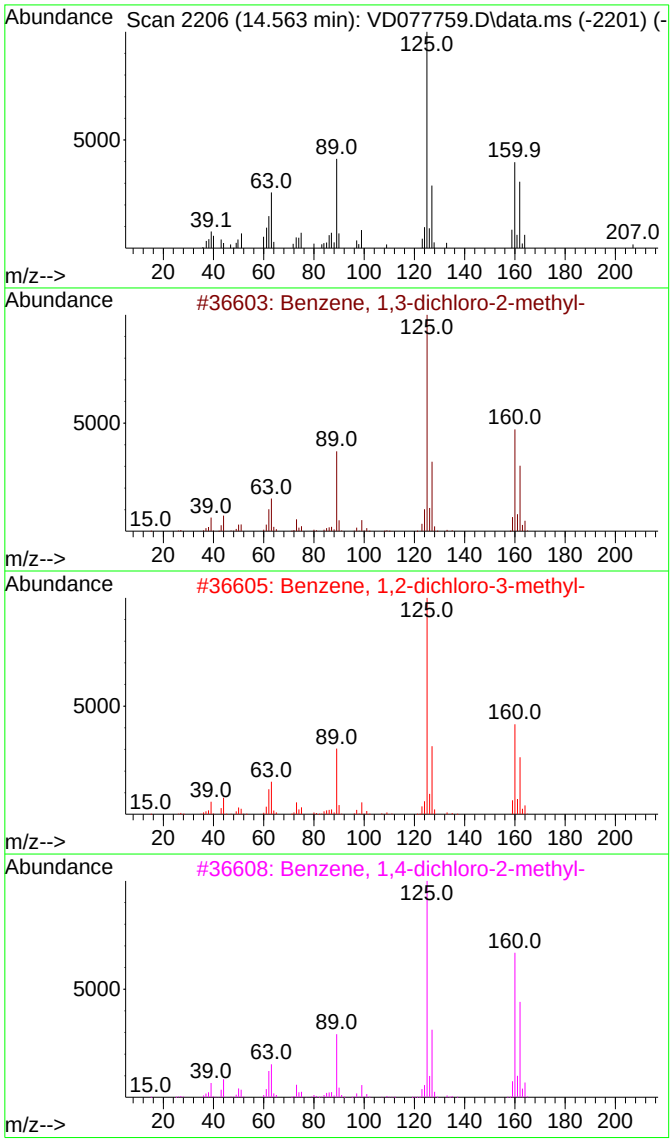
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0

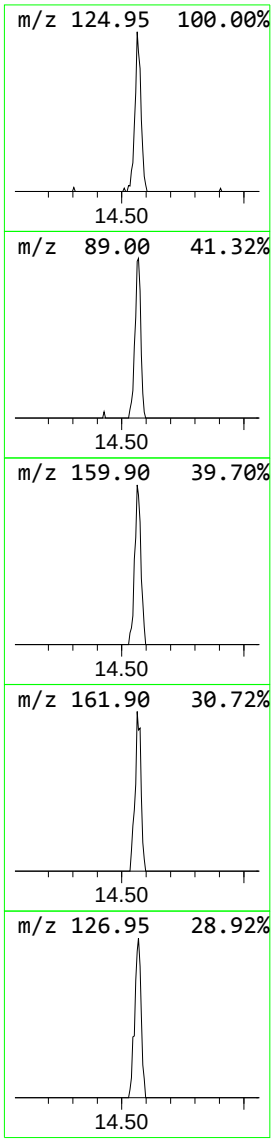
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3-dichloro-2-met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	1.28 ug/L	76115	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	98
2	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96
3	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
4	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	95
5	Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-chlo...	12.851	36.5	ug/L	2171520	3	13.522	1486810	25.0
Benzene, 1-chlo...	12.951	8.0	ug/L	474660	3	13.522	1486810	25.0
Benzene, 1,3-di...	14.563	1.3	ug/L	76115	3	13.522	1486810	25.0