

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026355.D
 Acq On : 27 Jun 2023 15:26
 Operator : SY/MD
 Sample : 03421-12
 Misc : 4.70g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46H1

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_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

Signal : TIC: VW026355.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.149	39	43	48	rBV3	11102	19057	0.47%	0.067%
2	2.204	48	52	54	rBV5	5455	8003	0.20%	0.028%
3	2.363	71	78	95	rBV	176948	489497	12.18%	1.712%
4	2.655	123	126	127	rBV3	6094	5997	0.15%	0.021%
5	2.893	157	165	184	rVB	187711	524831	13.06%	1.836%
6	3.253	221	224	227	rVB5	2437	2521	0.06%	0.009%
7	3.295	230	231	233	rBV2	2068	1799	0.04%	0.006%
8	3.314	233	234	237	rVB3	2142	1798	0.04%	0.006%
9	3.393	240	247	252	rBV10	2522	7124	0.18%	0.025%
10	3.429	252	253	259	rVB6	1157	1503	0.04%	0.005%
11	3.588	276	279	281	rVB4	1255	1646	0.04%	0.006%
12	3.710	297	299	301	rBV3	2082	1780	0.04%	0.006%
13	3.740	301	304	307	rBV5	2444	2544	0.06%	0.009%
14	3.771	307	309	311	rVB3	2298	1515	0.04%	0.005%
15	4.027	337	351	363	rBV	381802	1291138	32.13%	4.516%
16	4.124	363	367	379	rVB	38243	104707	2.61%	0.366%
17	4.259	388	389	393	rBV4	1464	1498	0.04%	0.005%
18	4.387	401	410	411	rBV2	8866	17336	0.43%	0.061%
19	4.637	449	451	453	rBV3	2007	1935	0.05%	0.007%
20	4.691	456	460	462	rVB5	2006	2464	0.06%	0.009%
21	4.783	472	475	479	rBV6	1679	2736	0.07%	0.010%
22	4.917	485	497	506	rBV3	15645	60411	1.50%	0.211%
23	5.088	523	525	528	rBV4	1699	2574	0.06%	0.009%
24	5.319	560	563	566	rBV4	1413	1557	0.04%	0.005%
25	5.368	569	571	574	rBV4	1448	2056	0.05%	0.007%
26	5.429	578	581	584	rVB5	1489	2211	0.06%	0.008%
27	5.453	584	585	590	rBV5	1286	1888	0.05%	0.007%
28	5.569	602	604	606	rVB3	1623	1542	0.04%	0.005%
29	5.947	658	666	674	rBV9	5761	18059	0.45%	0.063%
30	6.118	691	694	697	rVV5	1421	2203	0.05%	0.008%
31	6.161	697	701	702	rVB3	1766	1941	0.05%	0.007%
32	6.337	727	730	732	rVB4	1541	1669	0.04%	0.006%
33	6.496	750	756	758	rVB7	1308	1922	0.05%	0.007%
34	6.575	764	769	772	rVB7	1267	2425	0.06%	0.008%
35	6.673	782	785	787	rBV4	1537	1644	0.04%	0.006%
36	6.770	797	801	803	rVB5	1660	1948	0.05%	0.007%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

37	7.002	837	839	840	rBV2	2247	1518	0.04%	0.005%
38	7.075	840	851	878	rBV2	119803	443599	11.04%	1.552%
39	7.295	884	887	888	rBV3	2434	1583	0.04%	0.006%
40	7.380	899	901	904	rVB4	1784	1863	0.05%	0.007%
41	7.471	911	916	919	rVB7	2057	2744	0.07%	0.010%
42	7.648	934	945	960	rVV	664489	1615356	40.19%	5.650%
43	7.770	963	965	970	rVB6	1428	1811	0.05%	0.006%
44	7.959	994	996	998	rVB3	2051	2007	0.05%	0.007%
45	7.984	998	1000	1002	rVB3	1949	1792	0.04%	0.006%
46	8.002	1002	1003	1005	rBV2	1587	1590	0.04%	0.006%
47	8.044	1008	1010	1012	rBV3	1974	2150	0.05%	0.008%
48	8.124	1021	1023	1028	rVB6	1558	1585	0.04%	0.006%
49	8.276	1035	1048	1065	rBV2	1334441	4018999	100.00%	14.058%
50	8.569	1092	1096	1101	rBV7	1538	3009	0.07%	0.011%
51	8.636	1106	1107	1111	rVB3	1806	1628	0.04%	0.006%
52	8.697	1111	1117	1125	rBV3	4014	11228	0.28%	0.039%
53	8.843	1131	1141	1154	rBV	1515420	2968206	73.85%	10.382%
54	9.014	1165	1169	1171	rVB5	1288	2078	0.05%	0.007%
55	9.038	1171	1173	1175	rBV3	2596	2977	0.07%	0.010%
56	9.081	1178	1180	1184	rVB5	2935	4187	0.10%	0.015%
57	9.142	1189	1190	1194	rVB4	2117	1830	0.05%	0.006%
58	9.276	1200	1212	1222	rBV	924615	1906657	47.44%	6.669%
59	9.349	1222	1224	1229	rVV6	5105	5751	0.14%	0.020%
60	9.392	1229	1231	1235	rVB5	1558	1663	0.04%	0.006%
61	9.502	1247	1249	1254	rVB6	1123	1704	0.04%	0.006%
62	9.660	1274	1275	1277	rBV2	1978	1875	0.05%	0.007%
63	9.751	1289	1290	1296	rVB6	2029	3355	0.08%	0.012%
64	9.880	1309	1311	1314	rVB4	1393	1623	0.04%	0.006%
65	10.032	1324	1336	1347	rBV	475020	874167	21.75%	3.058%
66	10.136	1349	1353	1356	rVB6	3001	5264	0.13%	0.018%
67	10.221	1365	1367	1371	rVB5	2109	2509	0.06%	0.009%
68	10.325	1373	1384	1391	rBV	1831497	3239493	80.60%	11.331%
69	10.386	1391	1394	1402	rVB	16823	28952	0.72%	0.101%
70	10.575	1419	1425	1434	rVV	300423	532549	13.25%	1.863%
71	10.703	1439	1446	1451	rBV3	12181	22570	0.56%	0.079%
72	10.861	1468	1472	1474	rBV4	2420	2941	0.07%	0.010%
73	10.922	1475	1482	1493	rBV	443889	793212	19.74%	2.775%
74	11.068	1503	1506	1509	rBV5	2303	3874	0.10%	0.014%
75	11.233	1531	1533	1535	rVB3	1826	1546	0.04%	0.005%
76	11.629	1591	1598	1608	rVV	1881590	3128723	77.85%	10.944%

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 Title : SFAM01.0

77	11.708	1609	1611	1617	rVB2	8750	12786	0.32%	0.045%
78	11.836	1628	1632	1636	rBV7	3259	6877	0.17%	0.024%
79	11.916	1643	1645	1649	rBV5	1652	2163	0.05%	0.008%
80	12.178	1686	1688	1690	rBV3	1628	1562	0.04%	0.005%
81	12.282	1703	1705	1709	rVB5	1390	1662	0.04%	0.006%
82	12.312	1709	1710	1713	rBV3	1512	1989	0.05%	0.007%
83	12.471	1728	1736	1740	rVB3	5470	10819	0.27%	0.038%
84	12.525	1740	1745	1746	rBV5	2710	4462	0.11%	0.016%
85	12.599	1751	1757	1765	rVB5	19272	42912	1.07%	0.150%
86	12.690	1765	1772	1779	rBV	628942	1038610	25.84%	3.633%
87	13.001	1807	1823	1840	rVB5	59557	349491	8.70%	1.222%
88	13.403	1883	1889	1896	rBV2	34286	61261	1.52%	0.214%
89	13.556	1907	1914	1932	rVB	1464034	2385642	59.36%	8.345%
90	13.690	1934	1936	1941	rVB5	6535	10497	0.26%	0.037%
91	13.848	1955	1962	1969	rBV	1094015	1771767	44.08%	6.197%
92	14.068	1994	1998	2001	rBV3	18773	33852	0.84%	0.118%
93	14.190	2014	2018	2021	rBV5	9372	14630	0.36%	0.051%
94	14.427	2052	2057	2062	rBV9	9923	22307	0.56%	0.078%
95	14.495	2063	2068	2078	rVB2	77804	184653	4.59%	0.646%
96	15.232	2186	2189	2195	rVB2	36015	59795	1.49%	0.209%
97	15.330	2201	2205	2210	rVB2	41238	80219	2.00%	0.281%
98	15.555	2240	2242	2250	rVB2	27417	42847	1.07%	0.150%
99	15.726	2266	2270	2278	rVB4	53405	116965	2.91%	0.409%
100	16.275	2357	2360	2368	rVB3	39755	85842	2.14%	0.300%

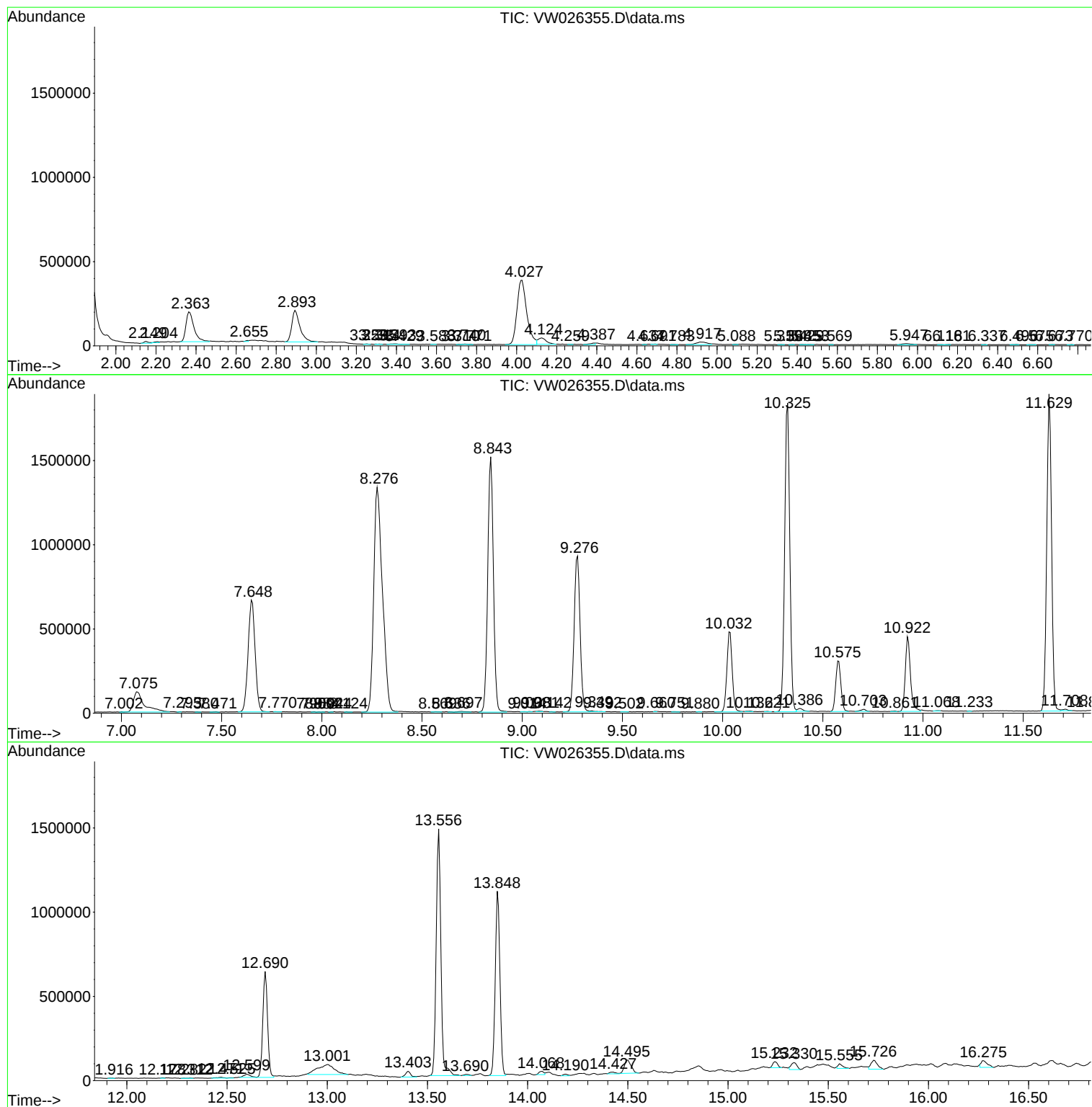
Sum of corrected areas: 28589257

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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



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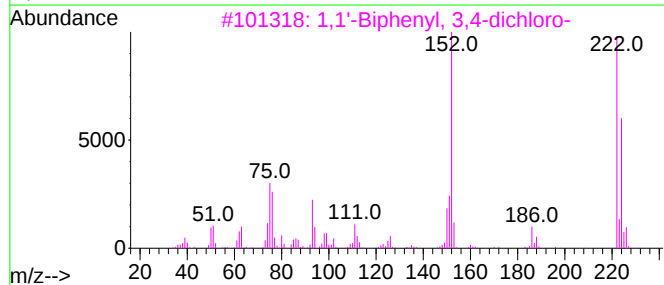
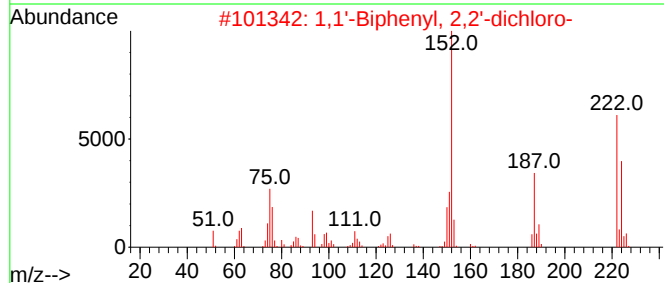
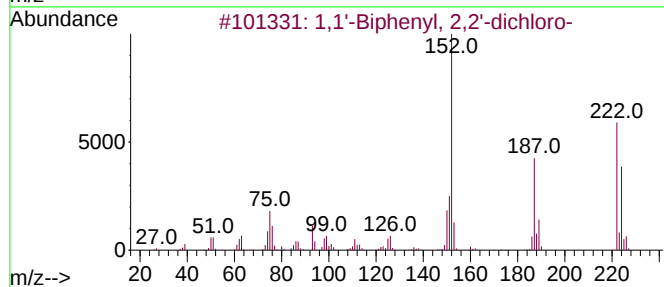
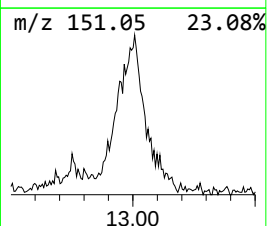
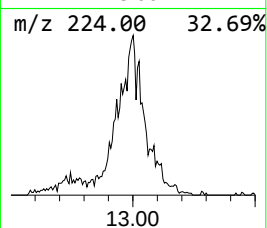
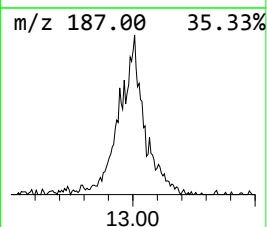
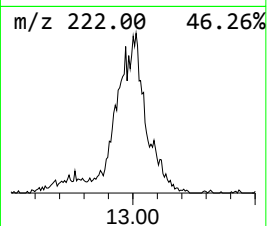
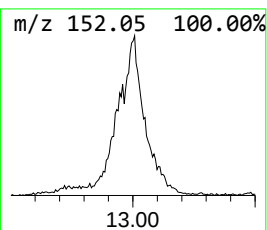
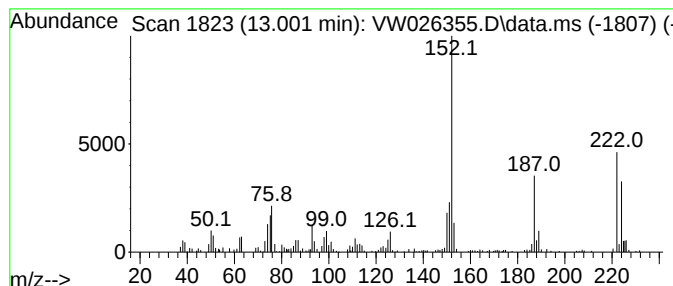
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.001	3.66 ug/L	349491	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	94		
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	93		
3	1,1'-Biphenyl, 3,4-dichloro-	222	C12H8Cl2	002974-92-7	90		
4	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	90		
5	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	87		



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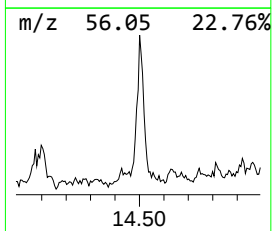
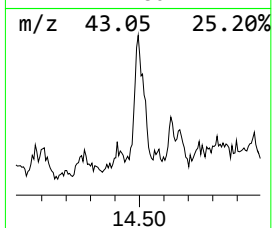
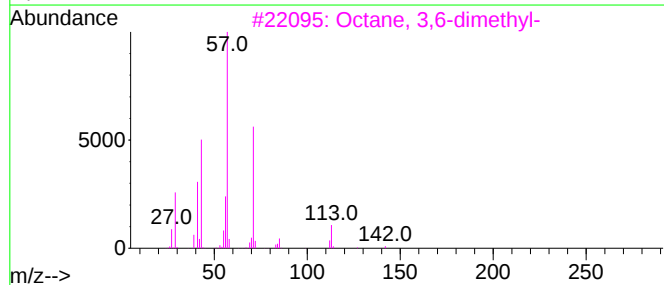
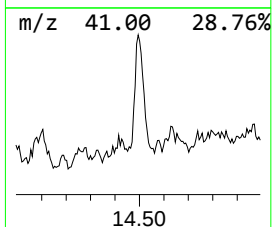
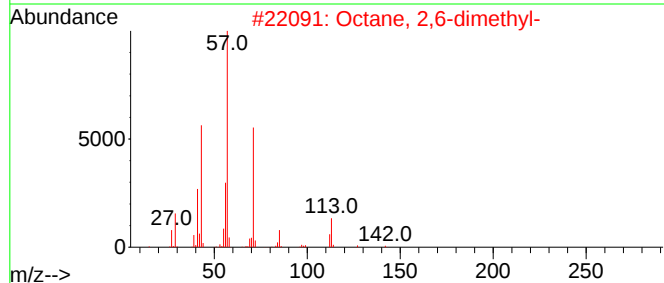
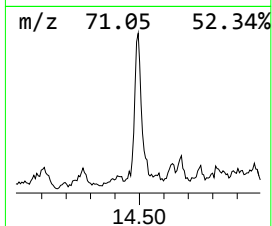
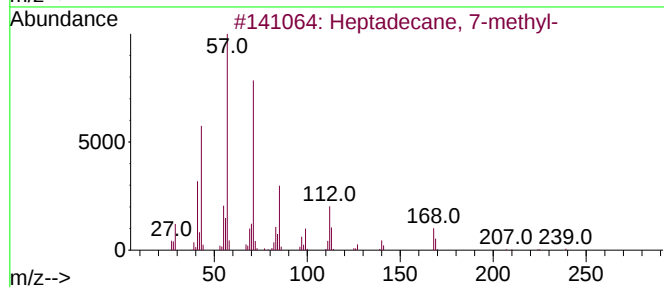
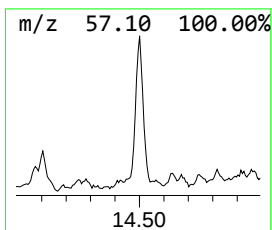
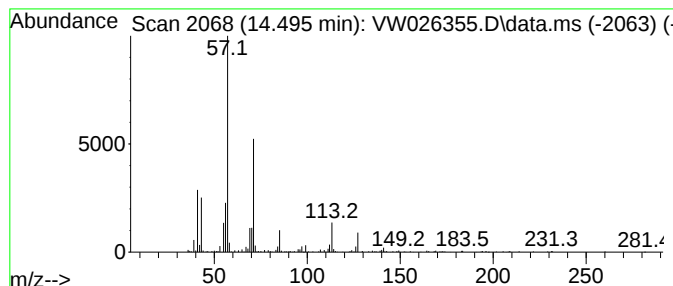
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	1.94 ug/L	184653	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4			Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	53
5			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	53



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,1'-Biphenyl, ...	13.001	3.7	ug/L	349491	3	13.556	2385640	25.0
(DEL) Alkane: S...	14.495	1.9	ug/L	184653	3	13.556	2385640	25.0