LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083024\
Data File : VW030114.D
Acq On : 30 Aug 2024 13:04
Operator : SY/MD
Sample : P3733-20RE
Misc : 3.76g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44B5RE

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\SFAMWLM082624SMA.M
Title : SFAM01.0

Signal : TIC: VW030114.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	73	78	91	rVB	49733	118920	16.61%	2.398%
2	2.899	160	166	180	rVB	36543	102710	14.35%	2.071%
3	3.393	242	247	257	rVB3	4698	10932	1.53%	0.220%
4	3.728	293	302	310	rBV4	3088	8949	1.25%	0.180%
5	3.856	318	323	325	rBV4	965	1360	0.19%	0.027%
6	4.021	338	350	360	rBV	89291	265189	37.04%	5.347%
7	4.387	400	410	429	rBV	39989	120766	16.87%	2.435%
8	4.679	451	458	467	rBV5	1206	3874	0.54%	0.078%
9	4.783	474	475	477	rBV2	399	276	0.04%	0.006%
10	4.917	489	497	498	rBV5	2428	4522	0.63%	0.091%
11	5.112	527	529	532	rBV3	464	502	0.07%	0.010%
12	5.222	544	547	551	rVB2	293	315	0.04%	0.006%
13	5.417	576	579	580	rBV2	900	855	0.12%	0.017%
14	5.789	628	640	654	rBV3	6643	22293	3.11%	0.450%
15	5.953	658	667	678	rVB4	5004	15052	2.10%	0.303%
16	6.057	680	684	686	rBV3	214	278	0.04%	0.006%
17	6.234	708	713	714	rBV4	661	892	0.12%	0.018%
18	6.283	719	721	723	rBV2	305	350	0.05%	0.007%
19	6.606	769	774	777	rBV4	511	1095	0.15%	0.022%
20	6.740	794	796	802	rVB	242	409	0.06%	0.008%
21	6.880	817	819	820	rBV	628	422	0.06%	0.009%
22	7.075	843	851	859	rBV	23355	66095	9.23%	1.333%
23	7.349	893	896	899	rVB2	445	517	0.07%	0.010%
24	7.392	899	903	905	rBV3	325	384	0.05%	0.008%
25	7.520	921	924	928	rBV2	347	628	0.09%	0.013%
26	7.648	935	945	959	rVV	126508	307943	43.02%	6.209%
27	7.764	962	964	967	rVV2	338	334	0.05%	0.007%
28	7.813	970	972	976	rVB2	311	329	0.05%	0.007%
29	7.916	985	989	990	rBV3	541	625	0.09%	0.013%
30	7.935	990	992	993	rBV2	589	366	0.05%	0.007%
31	8.154	1024	1028	1034	rVB4	781	1638	0.23%	0.033%
32	8.276	1036	1048	1069	rBV2	233061	715884	100.00%	14.435%
33	8.447	1073	1076	1078	rBV2	577	759	0.11%	0.015%
34	8.471	1078	1080	1083	rVV3	534	664	0.09%	0.013%
35	8.563	1087	1095	1104	rVB4	2263	6356	0.89%	0.128%
36	8.691	1111	1116	1126	rVB8	3096	7422	1.04%	0.150%

LSC Area Percent Report

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Sample : P3733-20RE
Misc : 3.76g/10mL/MSVOA_W/SOIL/B
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Instrument :
MSVOA_W
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A44B5RE

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\SFAMWLM082624SMA.M
Title : SFAM01.0

37	8.764	1126	1128	1131	rVB2	409	277	0.04%	0.006%
38	8.843	1132	1141	1151	rBV	245569	493438	68.93%	9.949%
39	8.910	1151	1152	1154	rVB2	926	588	0.08%	0.012%
40	8.983	1162	1164	1166	rBV2	340	316	0.04%	0.006%
41	9.075	1169	1179	1187	rVB6	5082	14727	2.06%	0.297%
42	9.276	1201	1212	1228	rBV	158782	334453	46.72%	6.744%
43	9.416	1230	1235	1242	rVV3	1873	4245	0.59%	0.086%
44	9.514	1250	1251	1254	rVB	420	309	0.04%	0.006%
45	9.660	1270	1275	1282	rVV8	960	2054	0.29%	0.041%
46	9.861	1306	1308	1310	rBV2	407	391	0.05%	0.008%
47	9.940	1318	1321	1322	rBV2	720	777	0.11%	0.016%
48	10.032	1329	1336	1345	rBV	63172	117207	16.37%	2.363%
49	10.154	1353	1356	1362	rVB5	1869	3637	0.51%	0.073%
50	10.221	1362	1367	1370	rBV2	396	521	0.07%	0.011%
51	10.325	1375	1384	1390	rBV	237723	428200	59.81%	8.634%
52	10.386	1390	1394	1402	rVB	20947	38189	5.33%	0.770%
53	10.453	1402	1405	1406	rBV2	449	421	0.06%	0.008%
54	10.501	1407	1413	1419	rVB5	5486	11618	1.62%	0.234%
55	10.575	1419	1425	1433	rBV	36923	65964	9.21%	1.330%
56	10.703	1442	1446	1451	rVB2	5330	9582	1.34%	0.193%
57	10.824	1463	1466	1467	rBV2	350	311	0.04%	0.006%
58	10.861	1467	1472	1476	rVV3	5110	8696	1.21%	0.175%
59	10.922	1476	1482	1493	rVV	76841	135862	18.98%	2.739%
60	11.074	1503	1507	1514	rVB5	3526	6747	0.94%	0.136%
61	11.227	1529	1532	1535	rVB3	457	524	0.07%	0.011%
62	11.276	1535	1540	1545	rVB5	1016	2062	0.29%	0.042%
63	11.507	1575	1578	1580	rBV2	486	540	0.08%	0.011%
64	11.562	1585	1587	1590	rBV3	494	549	0.08%	0.011%
65	11.629	1590	1598	1608	rVV	206207	348341	48.66%	7.024%
66	11.733	1610	1615	1622	rVB4	3288	6373	0.89%	0.129%
67	11.836	1628	1632	1635	rBV5	2892	4909	0.69%	0.099%
68	11.965	1649	1653	1656	rVB5	537	750	0.10%	0.015%
69	12.038	1662	1665	1669	rVB4	1055	1527	0.21%	0.031%
70	12.117	1674	1678	1679	rBV2	657	788	0.11%	0.016%
71	12.190	1679	1690	1697	rVB7	2849	7133	1.00%	0.144%
72	12.282	1703	1705	1706	rBV2	611	550	0.08%	0.011%
73	12.416	1725	1727	1728	rBV2	571	404	0.06%	0.008%
74	12.544	1743	1748	1749	rBV2	734	949	0.13%	0.019%
75	12.605	1751	1758	1766	rVB	122636	199439	27.86%	4.021%
76	12.690	1766	1772	1785	rBV	64512	114112	15.94%	2.301%

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Instrument :
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ClientSampleId :
A44B5RE

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_W\Method\SFAMWLM082624SMA.M
Title : SFAM01.0

77	13.013	1819	1825	1829	rBV4	3876	7061	0.99%	0.142%
78	13.111	1835	1841	1848	rBV	103904	175596	24.53%	3.541%
79	13.269	1860	1867	1873	rBV9	2410	6936	0.97%	0.140%
80	13.361	1879	1882	1886	rBV5	3650	7140	1.00%	0.144%
81	13.476	1894	1901	1908	rBV	152212	253837	35.46%	5.118%
82	13.556	1908	1914	1924	rVB	85288	153254	21.41%	3.090%
83	13.696	1933	1937	1942	rVB6	3367	5995	0.84%	0.121%
84	13.781	1950	1951	1953	rBV	575	397	0.06%	0.008%
85	13.848	1953	1962	1973	rVB	54981	99827	13.94%	2.013%
86	13.946	1976	1978	1981	rBV2	999	1257	0.18%	0.025%
87	14.062	1991	1997	2006	rVB2	36871	61699	8.62%	1.244%
88	14.257	2024	2029	2034	rVB4	4277	8071	1.13%	0.163%
89	14.330	2035	2041	2047	rBV6	3818	7861	1.10%	0.159%
90	14.470	2062	2064	2065	rBV	562	453	0.06%	0.009%
91	14.562	2078	2079	2083	rVB3	704	805	0.11%	0.016%
92	14.751	2108	2110	2112	rBV2	508	486	0.07%	0.010%
93	14.818	2116	2121	2123	rBV3	424	603	0.08%	0.012%
94	15.080	2161	2164	2165	rBV2	329	391	0.05%	0.008%
95	15.098	2165	2167	2171	rBV4	453	788	0.11%	0.016%
96	15.177	2176	2180	2183	rBV5	468	767	0.11%	0.015%
97	15.318	2199	2203	2208	rBV5	1265	2430	0.34%	0.049%
98	15.476	2226	2229	2238	rVB	3316	5467	0.76%	0.110%
99	15.726	2268	2270	2273	rBV2	350	326	0.05%	0.007%
100	16.403	2378	2381	2384	rBV3	485	663	0.09%	0.013%

Sum of corrected areas: 4959495

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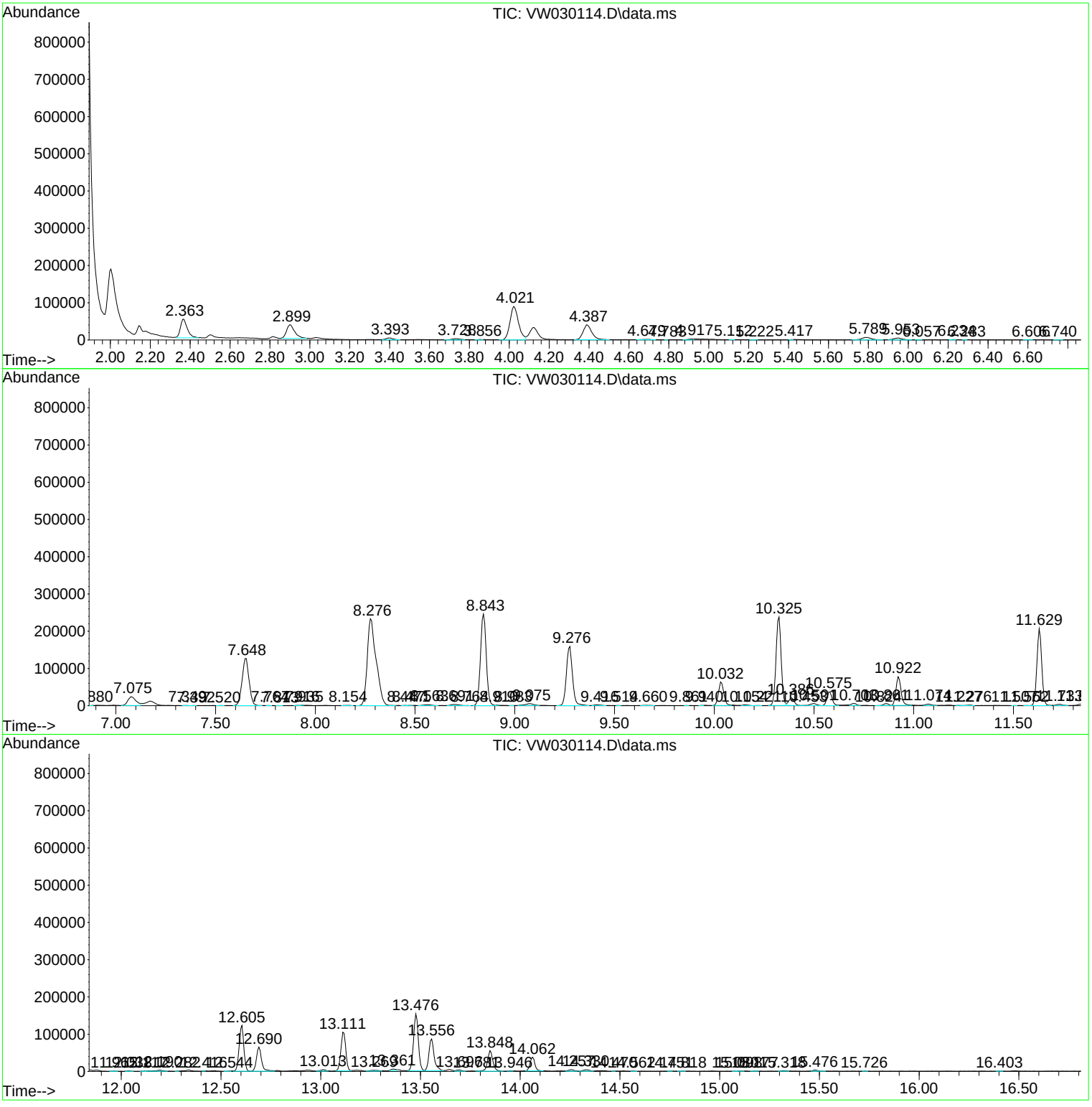
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44B5RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083024\
Data File : VW030114.D
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44B5RE

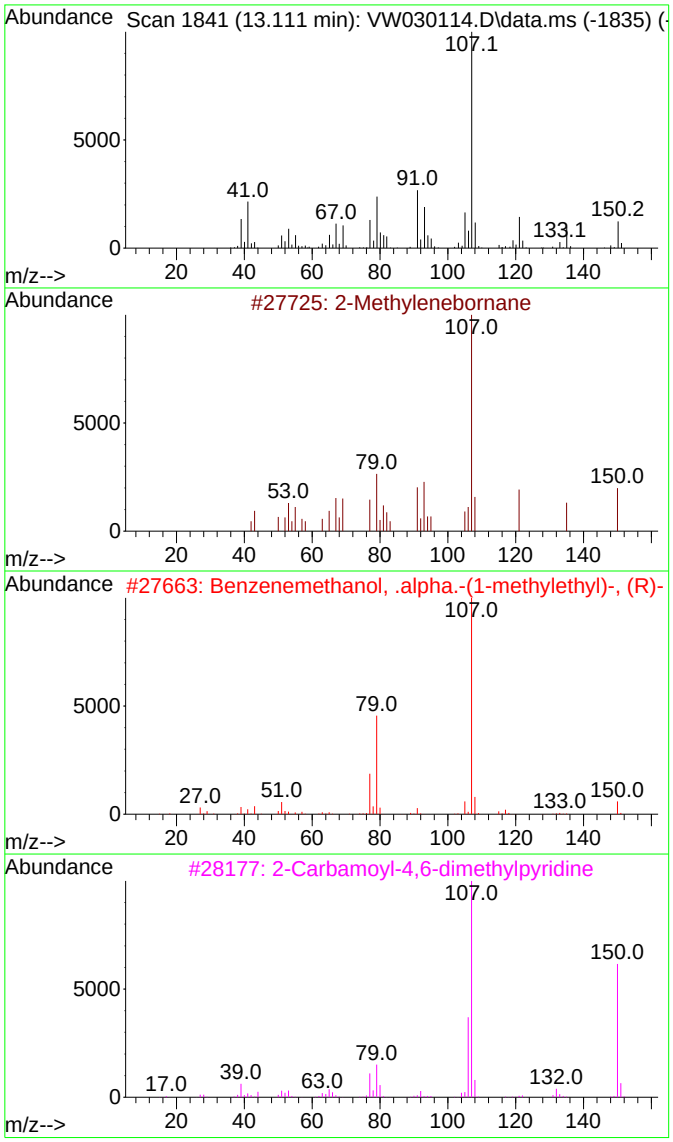
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

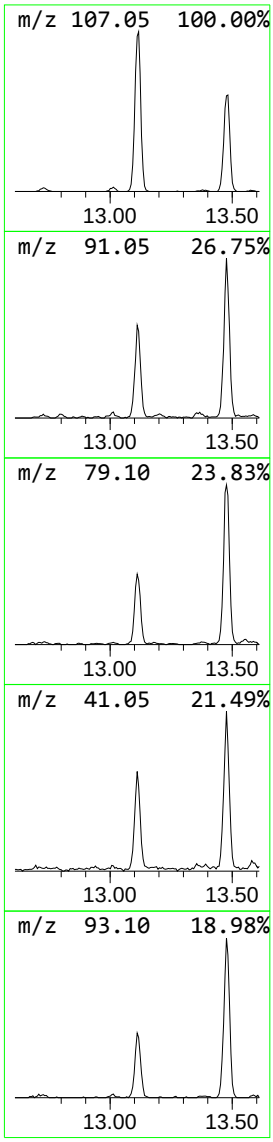
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Methylenebornane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.111	28.64 ug/L	175596	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylenebornane	150	C11H18	027538-47-2	60
2	Benzenemethanol, .alpha.-(1-meth...	150	C10H14O	014898-86-3	59
3	2-Carbamoyl-4,6-dimethylpyridine	150	C8H10N2O	072693-02-8	53
4	Cyclandelate	276	C17H24O3	000456-59-7	53
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083024\
Data File : VW030114.D
Acq On : 30 Aug 2024 13:04
Operator : SY/MD
Sample : P3733-20RE
Misc : 3.76g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44B5RE

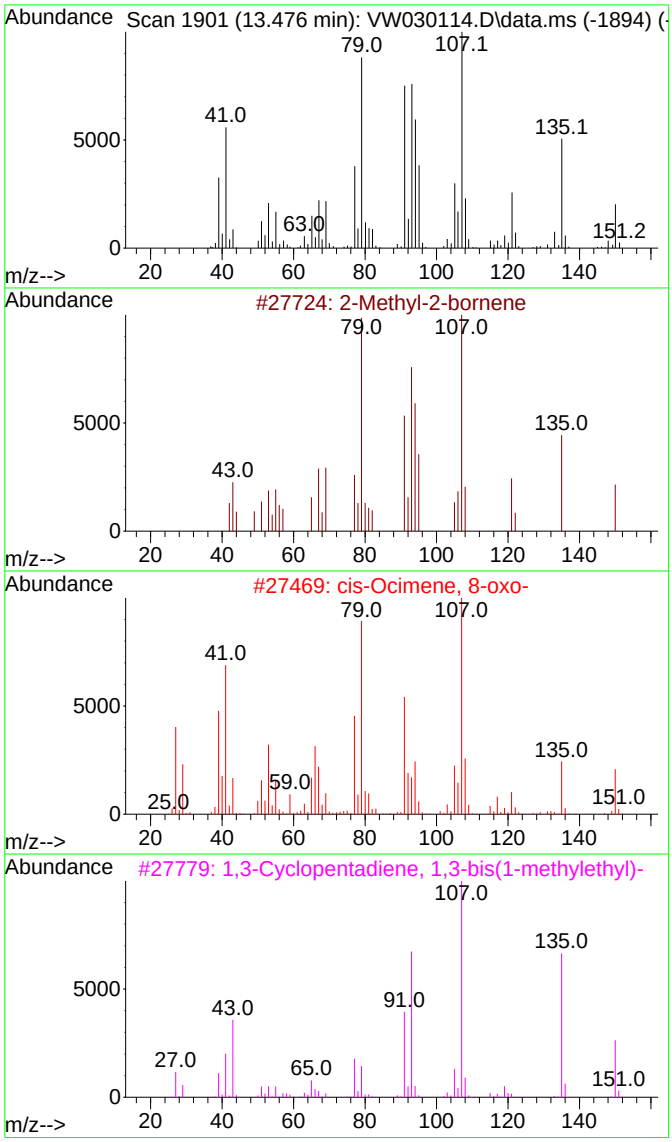
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

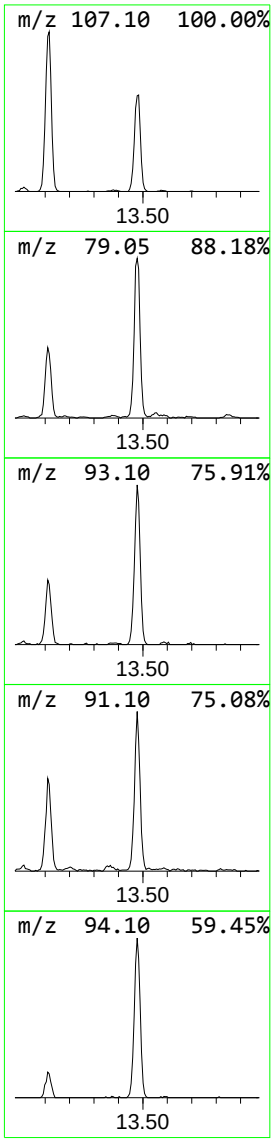
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Methyl-2-bornene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.476	41.41 ug/L	253837	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-bornene	150	C11H18	072540-93-3	98
2	cis-Ocimene, 8-oxo-	150	C10H14O	1010155-69-0	55
3	1,3-Cyclopentadiene, 1,3-bis(1-m...	150	C11H18	123278-27-3	46
4	p-Menth-8-ene, 3-methylene-	150	C11H18	1000151-25-7	46
5	1-Bromoadamantane	214	C10H15Br	000768-90-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083024\
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Acq On : 30 Aug 2024 13:04
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Instrument :
MSVOA_W
ClientSampleId :
A44B5RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

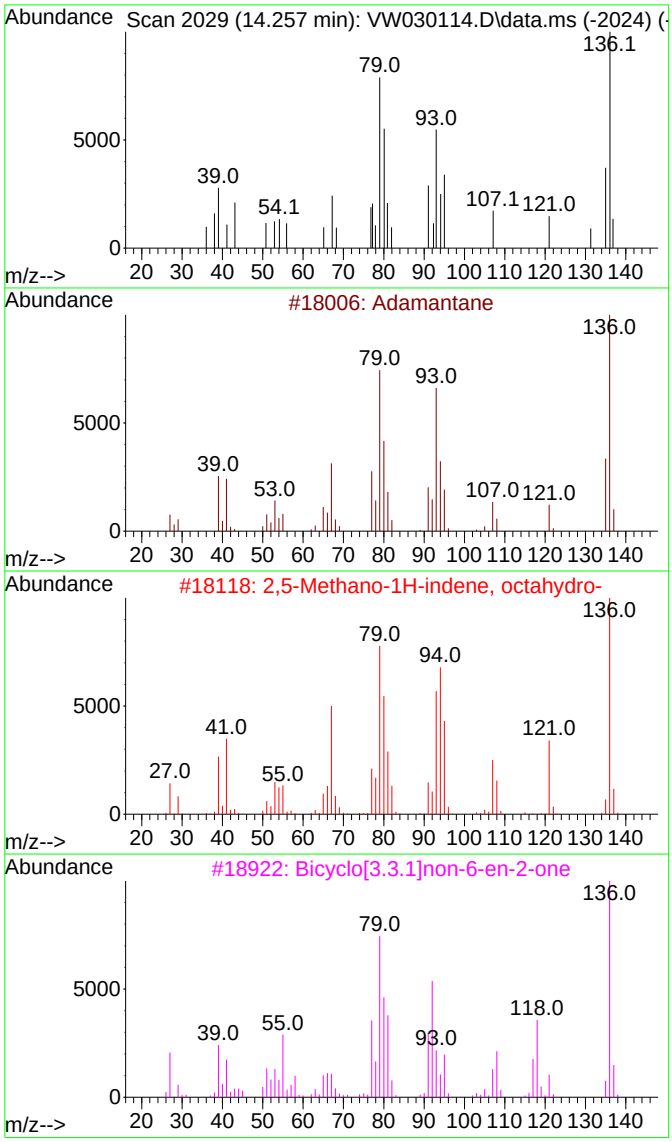
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

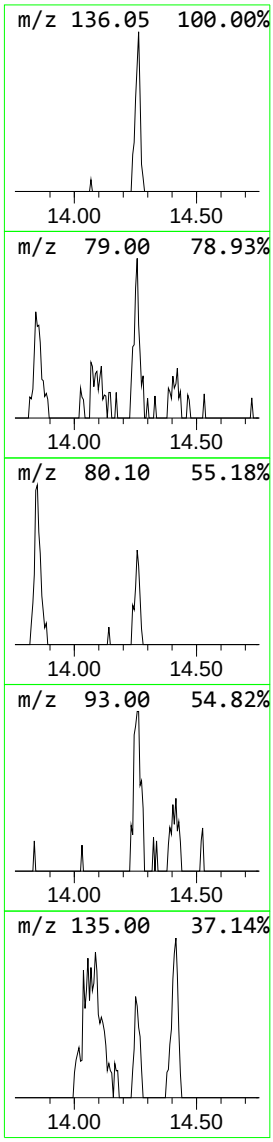
****

Peak Number 6 Adamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	1.32 ug/L	8071	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	81
2	2,5-Methano-1H-indene, octahydro-	136	C10H16	019026-94-9	74
3	Bicyclo[3.3.1]non-6-en-2-one	136	C9H12O	022482-58-2	72
4	Adamantane	136	C10H16	000281-23-2	60
5	Adamantane	136	C10H16	000281-23-2	58





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Misc : 3.76g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44B5RE

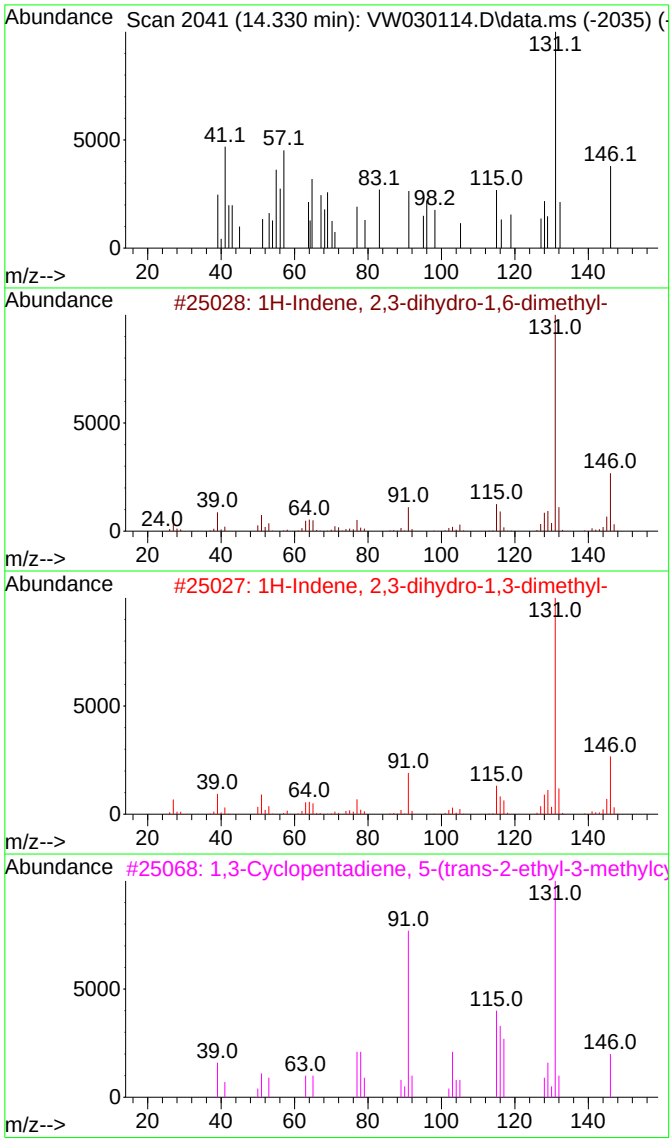
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

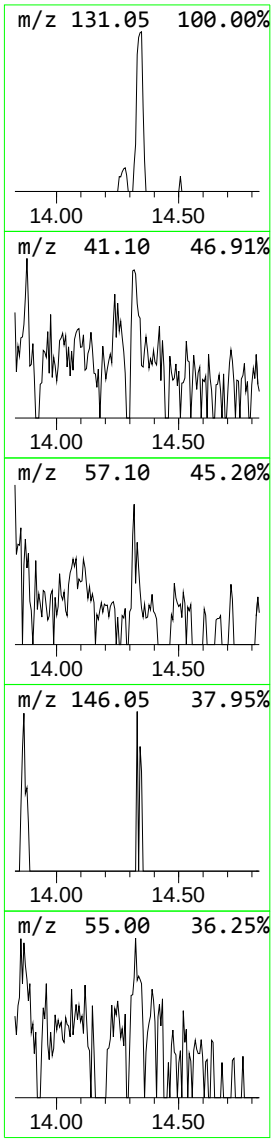
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.330	1.28 ug/L	7861	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	53
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
3	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	49
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	49
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083024\
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Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
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
2-Methylenebornane	13.111	28.6	ug/L	175596	3	13.556	153254	25.0
2-Methyl-2-bornene	13.476	41.4	ug/L	253837	3	13.556	153254	25.0
Adamantane	14.257	1.3	ug/L	8071	3	13.556	153254	25.0
1H-Indene, 2,3-...	14.330	1.3	ug/L	7861	3	13.556	153254	25.0