

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031593.D
 Acq On : 27 Jan 2025 15:17
 Operator : SY/MD
 Sample : Q1190-01
 Misc : 11.11g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44S2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

Signal : TIC: VW031593.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.997	13	18	39	rVB	35286	115315	3.02%	0.405%
2	2.235	40	57	58	rBV2	21645	71118	1.86%	0.250%
3	2.363	72	78	98	rVB	145612	408435	10.70%	1.434%
4	2.893	158	165	189	rVB2	141996	426496	11.18%	1.497%
5	3.314	232	234	239	rBV6	744	916	0.02%	0.003%
6	3.381	240	245	252	rVB3	5520	12480	0.33%	0.044%
7	3.674	290	293	294	rBV2	1126	1242	0.03%	0.004%
8	4.015	338	349	365	rBV	417296	1283122	33.62%	4.505%
9	4.387	401	410	420	rBV	9196	28489	0.75%	0.100%
10	4.740	466	468	469	rVB	916	533	0.01%	0.002%
11	4.777	472	474	477	rVB4	554	650	0.02%	0.002%
12	4.911	488	496	498	rBV6	1879	3961	0.10%	0.014%
13	5.118	524	530	540	rVB4	3044	8539	0.22%	0.030%
14	5.222	546	547	550	rBV3	502	442	0.01%	0.002%
15	5.271	553	555	559	rVB3	488	423	0.01%	0.001%
16	5.374	569	572	574	rBV4	416	493	0.01%	0.002%
17	5.423	577	580	583	rBV5	1101	1503	0.04%	0.005%
18	5.533	596	598	601	rBV2	605	901	0.02%	0.003%
19	5.563	601	603	608	rVB3	352	577	0.02%	0.002%
20	5.746	631	633	634	rBV	789	596	0.02%	0.002%
21	5.765	634	636	637	rBV2	808	626	0.02%	0.002%
22	5.795	637	641	646	rVB3	1693	2977	0.08%	0.010%
23	5.923	656	662	663	rBV2	1148	1434	0.04%	0.005%
24	6.112	691	693	695	rBV3	651	756	0.02%	0.003%
25	6.606	770	774	776	rBV2	681	882	0.02%	0.003%
26	6.685	784	787	789	rBV2	382	531	0.01%	0.002%
27	6.795	802	805	806	rVB	761	563	0.01%	0.002%
28	6.844	810	813	815	rBV2	432	473	0.01%	0.002%
29	6.868	815	817	819	rBV2	412	405	0.01%	0.001%
30	6.911	819	824	825	rBV2	1124	1301	0.03%	0.005%
31	7.021	839	842	843	rVB2	644	471	0.01%	0.002%
32	7.088	843	853	877	rBV	122640	418553	10.97%	1.470%
33	7.435	906	910	911	rVB2	572	611	0.02%	0.002%
34	7.490	917	919	921	rVB3	779	583	0.02%	0.002%
35	7.508	921	922	924	rBV2	566	462	0.01%	0.002%
36	7.539	924	927	930	rVV3	1240	1988	0.05%	0.007%

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Integrator: RTE

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Max Peaks: 100

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

37	7.642	934	944	964	rVV	614041	1535968	40.25%	5.393%
38	7.795	967	969	971	rVV2	577	522	0.01%	0.002%
39	7.923	988	990	991	rBV2	695	505	0.01%	0.002%
40	7.953	992	995	999	rVB5	1057	1459	0.04%	0.005%
41	8.270	1036	1047	1071	rBV2	1287609	3816328	100.00%	13.399%
42	8.502	1084	1085	1086	rBV	722	477	0.01%	0.002%
43	8.551	1091	1093	1098	rVV5	2243	3715	0.10%	0.013%
44	8.630	1102	1106	1109	rVB4	879	1473	0.04%	0.005%
45	8.691	1112	1116	1120	rBV5	1751	3940	0.10%	0.014%
46	8.837	1130	1140	1154	rBV	1266729	2486726	65.16%	8.731%
47	9.026	1168	1171	1172	rBV2	818	685	0.02%	0.002%
48	9.075	1172	1179	1184	rVV9	3229	8137	0.21%	0.029%
49	9.270	1201	1211	1221	rBV	871528	1760151	46.12%	6.180%
50	9.410	1232	1234	1242	rVB4	2656	4863	0.13%	0.017%
51	9.490	1246	1247	1251	rVB3	708	499	0.01%	0.002%
52	9.544	1254	1256	1258	rBV2	515	638	0.02%	0.002%
53	9.624	1263	1269	1270	rBV2	924	1342	0.04%	0.005%
54	9.666	1271	1276	1285	rVB5	2912	6491	0.17%	0.023%
55	9.886	1310	1312	1316	rVB3	418	489	0.01%	0.002%
56	10.032	1327	1336	1347	rBV	519952	931777	24.42%	3.272%
57	10.130	1350	1352	1359	rVB6	2336	3472	0.09%	0.012%
58	10.319	1374	1383	1392	rBV	1705235	3055806	80.07%	10.729%
59	10.495	1407	1412	1418	rVB3	6919	13201	0.35%	0.046%
60	10.575	1418	1425	1434	rBV	331451	568544	14.90%	1.996%
61	10.697	1440	1445	1452	rVB2	14261	27188	0.71%	0.095%
62	10.813	1462	1464	1466	rVB2	657	510	0.01%	0.002%
63	10.849	1466	1470	1472	rBV4	753	787	0.02%	0.003%
64	10.922	1475	1482	1497	rVV	468936	805039	21.09%	2.827%
65	11.069	1500	1506	1515	rVV2	40244	72509	1.90%	0.255%
66	11.294	1541	1543	1545	rBV3	607	759	0.02%	0.003%
67	11.337	1548	1550	1555	rBV5	771	994	0.03%	0.003%
68	11.398	1558	1560	1562	rVV2	753	669	0.02%	0.002%
69	11.440	1565	1567	1568	rVB2	783	450	0.01%	0.002%
70	11.489	1573	1575	1577	rBV2	688	579	0.02%	0.002%
71	11.629	1589	1598	1606	rBV	1571203	2710391	71.02%	9.516%
72	11.818	1607	1629	1633	rBV9	70465	360220	9.44%	1.265%
73	12.337	1709	1714	1723	rVB9	2849	6688	0.18%	0.023%
74	12.398	1723	1724	1725	rBV	766	479	0.01%	0.002%
75	12.611	1742	1759	1760	rBV3	82012	231393	6.06%	0.812%
76	12.690	1766	1772	1787	rVB	738831	1354237	35.49%	4.755%

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 Title : SFAM01.0

77	12.879	1793	1803	1807	rBV	10376	29659	0.78%	0.104%
78	13.367	1879	1883	1884	rBV3	9307	10859	0.28%	0.038%
79	13.477	1899	1901	1902	rBV2	1164	983	0.03%	0.003%
80	13.501	1902	1905	1906	rBV2	2872	3182	0.08%	0.011%
81	13.550	1906	1913	1922	rBV	1309664	2151789	56.38%	7.555%
82	13.641	1925	1928	1933	rVV2	12754	22904	0.60%	0.080%
83	13.849	1955	1962	1968	rBV	1126784	1879810	49.26%	6.600%
84	13.934	1968	1976	1986	rBV3	208413	770685	20.19%	2.706%
85	14.251	2021	2028	2029	rBV4	19729	37803	0.99%	0.133%
86	14.519	2066	2072	2081	rBV6	25591	75872	1.99%	0.266%
87	14.690	2099	2100	2101	rBV	974	404	0.01%	0.001%
88	14.854	2116	2127	2141	rVB2	257521	777689	20.38%	2.731%
89	15.117	2168	2170	2174	rVB5	1291	1232	0.03%	0.004%
90	15.190	2175	2182	2189	rBV9	5620	17662	0.46%	0.062%
91	15.391	2212	2215	2222	rVB8	3726	5727	0.15%	0.020%
92	15.476	2222	2229	2234	rBV2	34968	79853	2.09%	0.280%
93	15.690	2262	2264	2265	rBV2	1373	1020	0.03%	0.004%
94	15.787	2276	2280	2284	rVB5	4190	6429	0.17%	0.023%
95	16.031	2315	2320	2324	rBV5	4687	7815	0.20%	0.027%
96	16.086	2325	2329	2337	rVB7	7103	14964	0.39%	0.053%
97	16.385	2376	2378	2379	rBV2	816	592	0.02%	0.002%
98	16.537	2402	2403	2407	rVB4	1203	1172	0.03%	0.004%
99	16.586	2407	2411	2415	rBV5	883	1668	0.04%	0.006%
100	16.714	2428	2432	2433	rBV4	2008	2703	0.07%	0.009%

Sum of corrected areas: 28481423

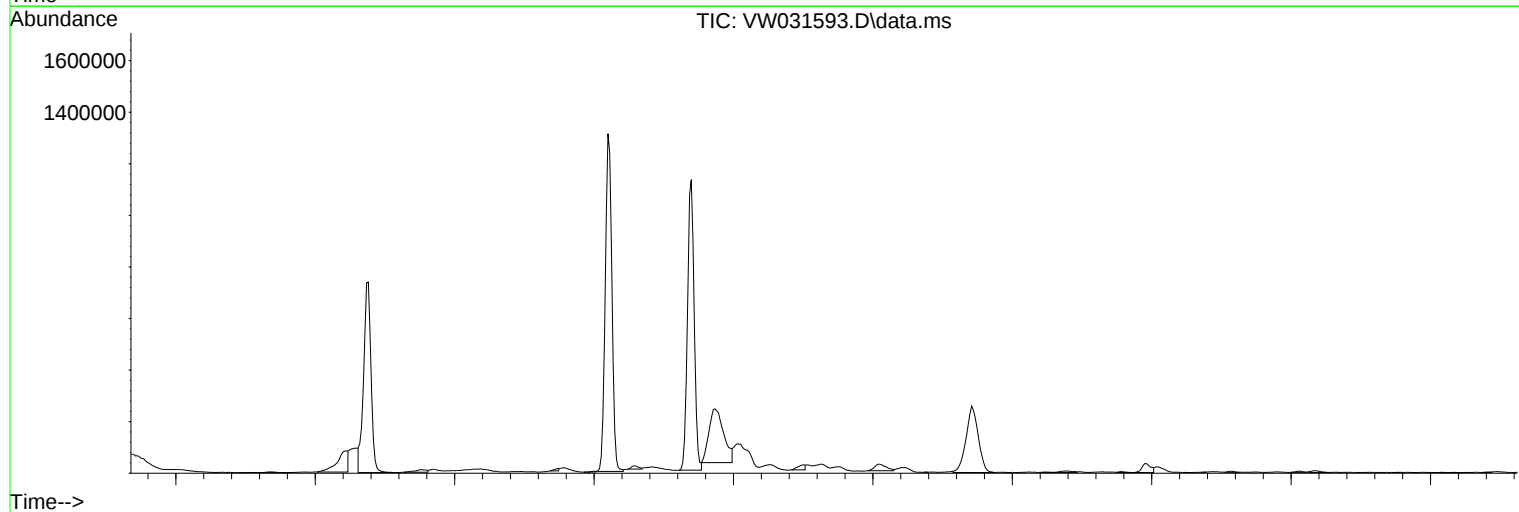
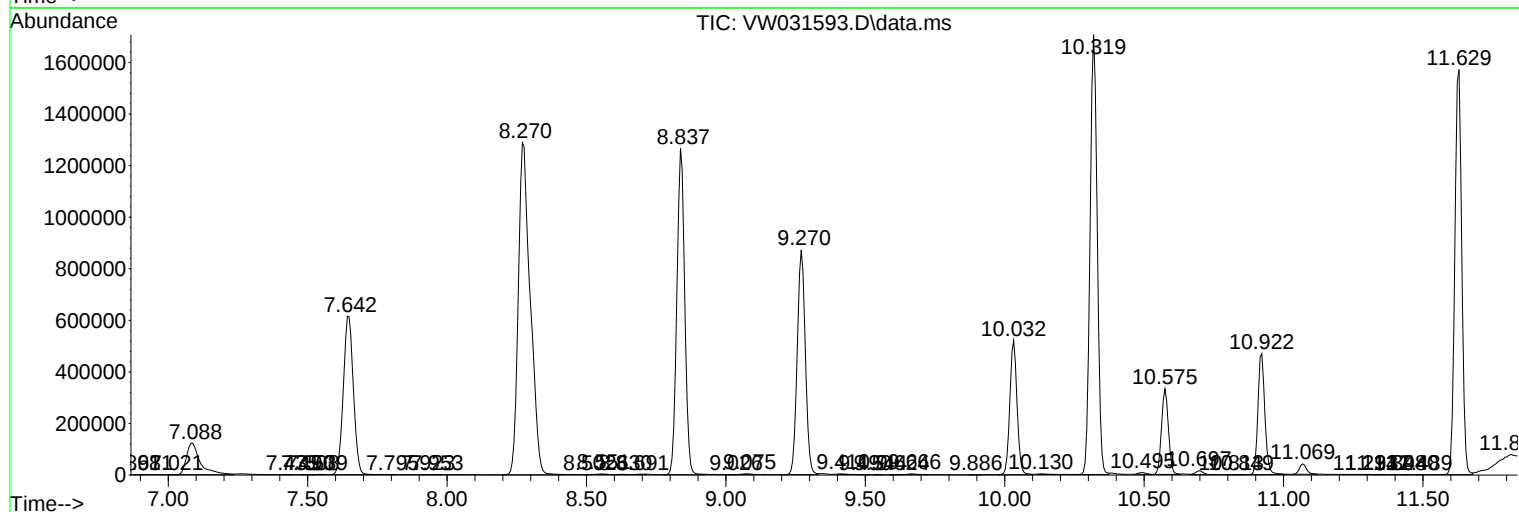
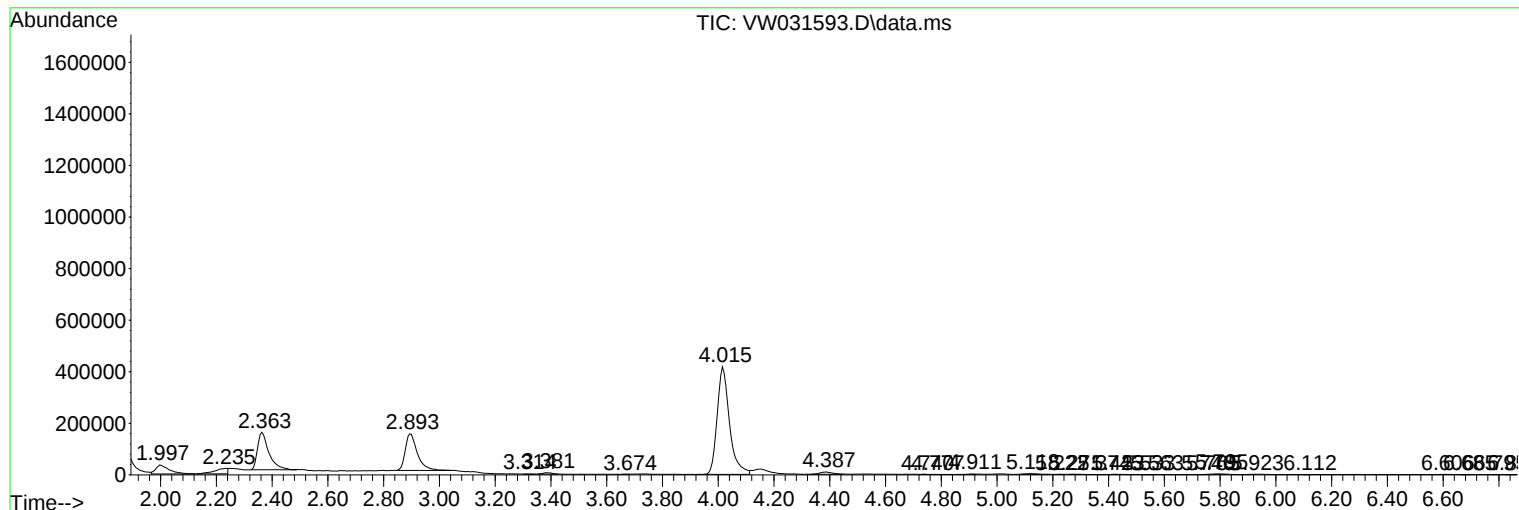
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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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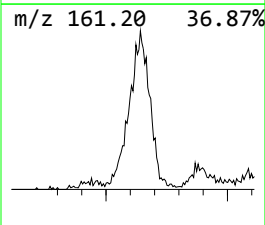
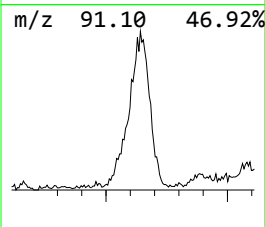
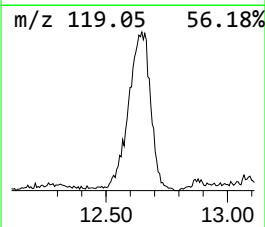
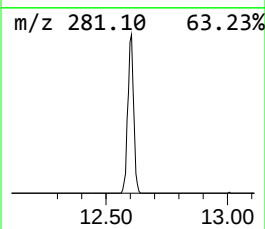
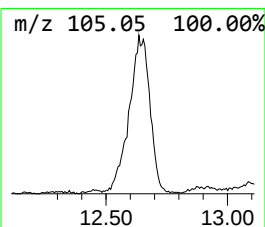
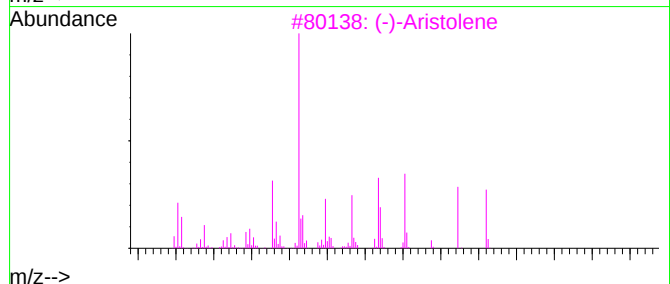
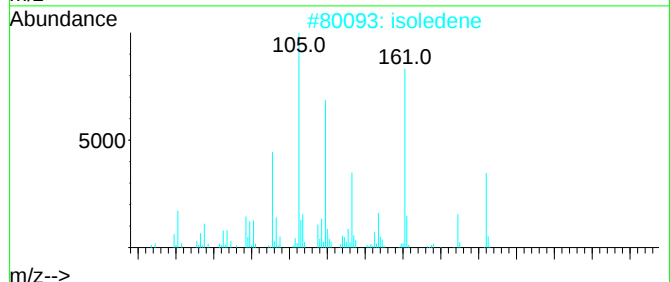
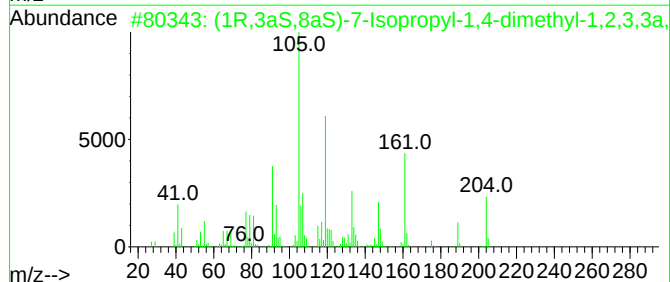
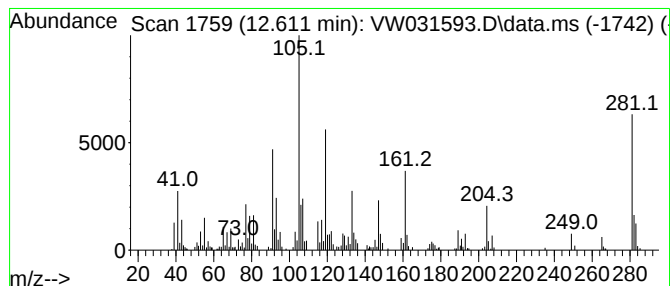
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 (1R,3aS,8aS)-7-Isopropyl-1,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.611	2.69 ug/L	231393	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,3aS,8aS)-7-Isopropyl-1,4-dim...	204	C15H24	036577-33-0	99
2	isolekene	204	C15H24	095910-36-4	70
3	(-)-Aristolene	204	C15H24	006831-16-9	55
4	(4S,4aR,6R)-4,4a-Dimethyl-6-(pro...	204	C15H24	054868-40-5	53
5	.alpha.-Muurokene	204	C15H24	010208-80-7	51



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
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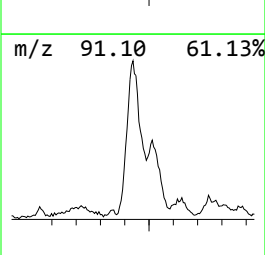
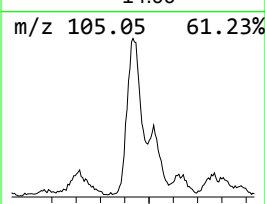
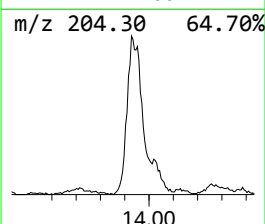
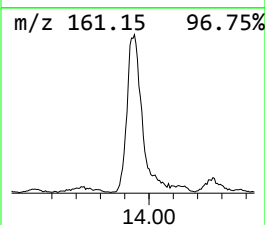
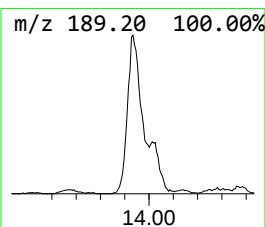
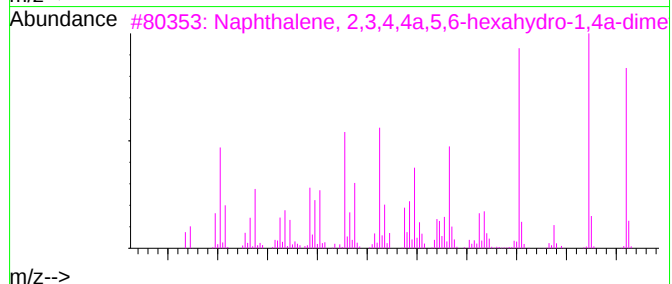
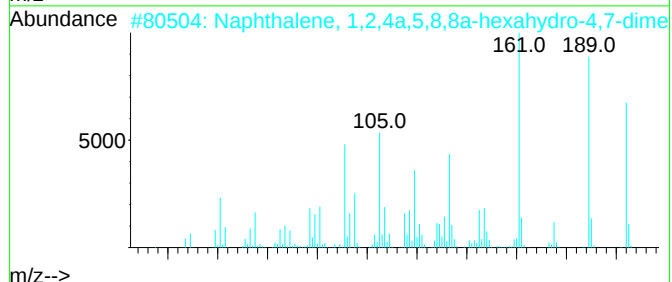
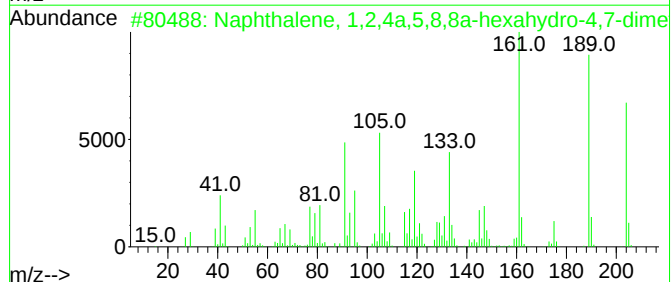
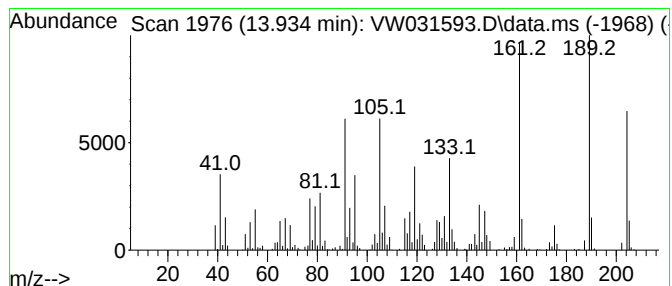
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,4a,5,8,8a-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.934	8.95 ug/L	770685	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	000523-47-7	99
2	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	99
3	Naphthalene, 2,3,4,4a,5,6-hexahy...	204	C15H24	000473-14-3	99
4	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	99
5	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	98



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

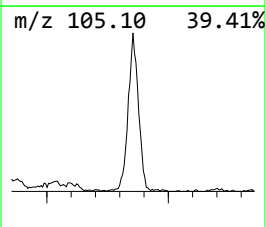
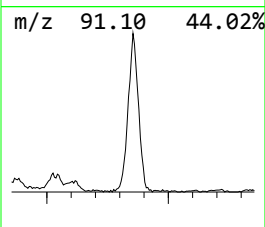
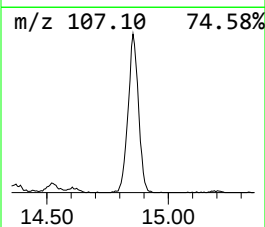
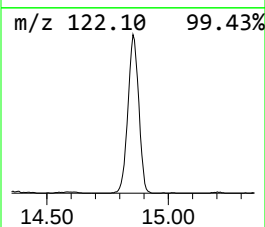
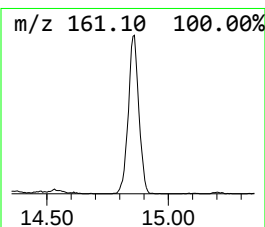
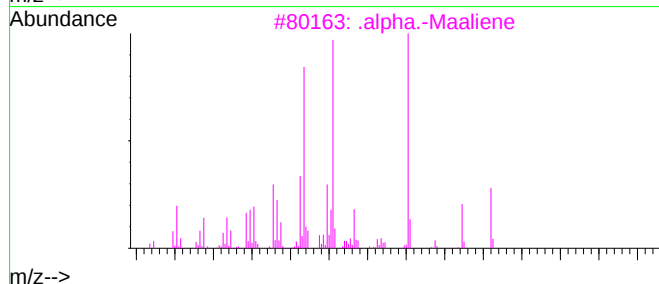
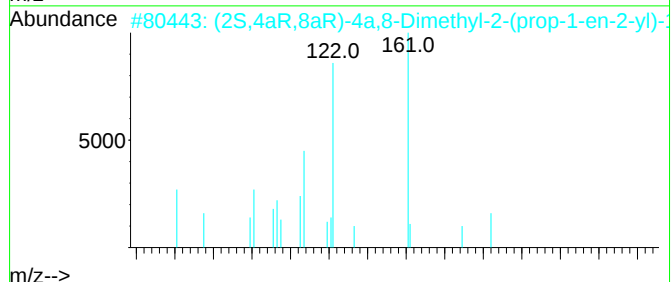
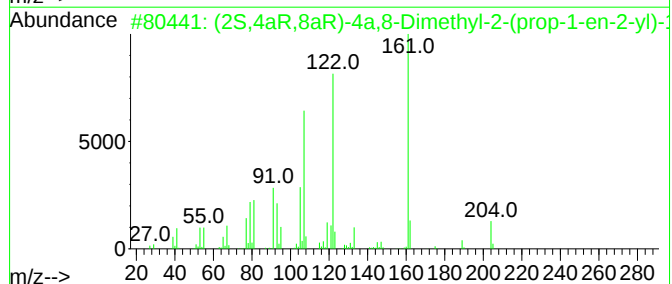
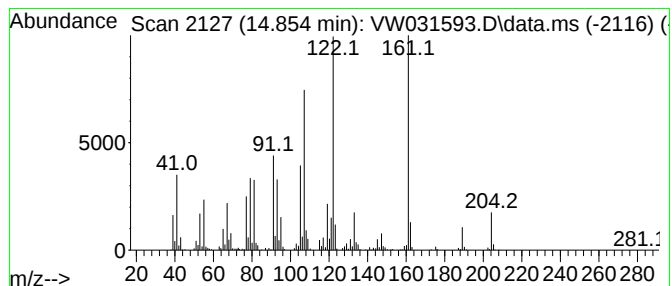
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 (2S,4aR,8aR)-4a,8-Dimethyl-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	9.04 ug/L	777689	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2S,4aR,8aR)-4a,8-Dimethyl-2-(pr...	204	C15H24	123123-37-5	97
2	(2S,4aR,8aR)-4a,8-Dimethyl-2-(pr...	204	C15H24	123123-37-5	95
3	.alpha.-Maaliene	204	C15H24	000489-28-1	93
4	(-)-.alpha.-Panasinsen	204	C15H24	056633-28-4	91
5	(-)-.alpha.-Panasinsen	204	C15H24	056633-28-4	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031593.D
Acq On : 27 Jan 2025 15:17
Operator : SY/MD
Sample : Q1190-01
Misc : 11.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R,3aS,8aS)-7-...	12.611	2.7	ug/L	231393	3	13.556	2151790	25.0
Naphthalene, 1,...	13.934	8.9	ug/L	770685	3	13.556	2151790	25.0
(2S,4aR,8aR)-4a...	14.855	9.0	ug/L	777689	3	13.556	2151790	25.0