

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112423\
 Data File : VD077687.D
 Acq On : 24 Nov 2023 12:52
 Operator : JC/SY
 Sample : 05497-05
 Misc : 4.20G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0AC2

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\SFAMDLM110923SMA.M
 Title : SFAM01.0

Signal : TIC: VD077687.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.687	14	17	19	rBV2	4225	5443	0.09%	0.024%
2	1.746	19	27	40	rVV	3011874	4406887	74.20%	19.104%
3	2.011	70	72	76	rVB	1016	880	0.01%	0.004%
4	2.064	79	81	86	rBV4	1263	2296	0.04%	0.010%
5	2.281	112	118	123	rBV	119534	177912	3.00%	0.771%
6	2.805	201	207	214	rVB	102013	193552	3.26%	0.839%
7	3.299	290	291	294	rBV2	1529	1315	0.02%	0.006%
8	3.587	337	340	341	rBV	1101	1141	0.02%	0.005%
9	3.640	341	349	354	rVV5	7691	19121	0.32%	0.083%
10	3.728	362	364	367	rBV2	957	867	0.01%	0.004%
11	3.922	386	397	410	rBV	114765	300426	5.06%	1.302%
12	4.169	438	439	442	rBV2	1265	1159	0.02%	0.005%
13	4.269	454	456	457	rBV	1608	1009	0.02%	0.004%
14	4.340	465	468	469	rBV3	1116	970	0.02%	0.004%
15	4.375	472	474	477	rVB2	1166	1232	0.02%	0.005%
16	4.405	477	479	482	rBV2	760	889	0.01%	0.004%
17	4.428	482	483	486	rVB	1083	903	0.02%	0.004%
18	4.458	486	488	493	rBV3	1497	1998	0.03%	0.009%
19	4.558	503	505	506	rBV2	1256	967	0.02%	0.004%
20	4.587	508	510	513	rVB2	1203	1250	0.02%	0.005%
21	4.740	535	536	538	rBV	1331	862	0.01%	0.004%
22	4.805	538	547	558	rVB3	21253	66032	1.11%	0.286%
23	4.963	572	574	577	rBV2	1030	848	0.01%	0.004%
24	5.046	586	588	589	rBV2	1412	1021	0.02%	0.004%
25	5.105	595	598	601	rBV	1090	950	0.02%	0.004%
26	5.534	666	671	672	rBV	866	1000	0.02%	0.004%
27	5.634	686	688	691	rVB	789	896	0.02%	0.004%
28	5.799	713	716	718	rBV2	1601	1785	0.03%	0.008%
29	5.840	718	723	731	rVV6	3768	10071	0.17%	0.044%
30	5.940	739	740	743	rBV	1050	962	0.02%	0.004%
31	6.016	749	753	756	rVB2	970	1198	0.02%	0.005%
32	6.105	765	768	770	rBV2	1250	962	0.02%	0.004%
33	6.393	815	817	819	rVB2	1141	826	0.01%	0.004%
34	6.987	909	918	927	rBV	29829	85544	1.44%	0.371%
35	7.393	982	987	990	rBV	950	1093	0.02%	0.005%
36	7.569	1007	1017	1030	rBV	166522	425918	7.17%	1.846%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Title : SFAM01.0

37	7.869	1066	1068	1071	rVB	1112	886	0.01%	0.004%
38	8.034	1093	1096	1097	rBV	1007	1052	0.02%	0.005%
39	8.204	1115	1125	1140	rVV2	326525	968727	16.31%	4.199%
40	8.522	1178	1179	1181	rBV	1349	974	0.02%	0.004%
41	8.775	1213	1222	1236	rBV	414103	836182	14.08%	3.625%
42	9.081	1271	1274	1275	rBV2	1088	1040	0.02%	0.005%
43	9.210	1288	1296	1304	rBV2	234599	479509	8.07%	2.079%
44	9.551	1349	1354	1355	rBV2	1084	1076	0.02%	0.005%
45	9.640	1367	1369	1373	rVB	1125	864	0.01%	0.004%
46	9.981	1420	1427	1440	rBV	121421	222942	3.75%	0.966%
47	10.134	1449	1453	1455	rBV	663	923	0.02%	0.004%
48	10.269	1468	1476	1483	rBV	426583	748118	12.60%	3.243%
49	10.334	1484	1487	1495	rVV2	18000	31519	0.53%	0.137%
50	10.528	1512	1520	1527	rVV	71412	131737	2.22%	0.571%
51	10.663	1538	1543	1549	rVB4	6607	12324	0.21%	0.053%
52	10.710	1549	1551	1553	rBV2	1208	961	0.02%	0.004%
53	10.728	1553	1554	1557	rVB	1261	1045	0.02%	0.005%
54	10.769	1559	1561	1565	rBV3	570	814	0.01%	0.004%
55	10.881	1573	1580	1587	rBV	109742	194602	3.28%	0.844%
56	10.981	1595	1597	1599	rVB2	1510	1030	0.02%	0.004%
57	11.028	1601	1605	1610	rVB3	9055	13633	0.23%	0.059%
58	11.193	1629	1633	1635	rBV3	1018	1122	0.02%	0.005%
59	11.257	1641	1644	1646	rVB2	1577	1455	0.02%	0.006%
60	11.287	1646	1649	1650	rBV2	904	989	0.02%	0.004%
61	11.398	1664	1668	1674	rVB2	2495	5265	0.09%	0.023%
62	11.463	1677	1679	1682	rVB2	1206	1073	0.02%	0.005%
63	11.498	1682	1685	1686	rBV	1183	953	0.02%	0.004%
64	11.581	1691	1699	1712	rBV	539531	917265	15.44%	3.976%
65	11.716	1720	1722	1724	rVB2	1382	989	0.02%	0.004%
66	11.781	1724	1733	1738	rBV4	2516	6016	0.10%	0.026%
67	11.863	1746	1747	1752	rVB2	1319	1286	0.02%	0.006%
68	11.928	1752	1758	1759	rBV2	1047	1553	0.03%	0.007%
69	12.040	1775	1777	1779	rBV2	984	916	0.02%	0.004%
70	12.057	1779	1780	1781	rBV	1795	865	0.01%	0.004%
71	12.292	1815	1820	1822	rBV2	6819	10196	0.17%	0.044%
72	12.428	1836	1843	1855	rVB	1558280	2553303	42.99%	11.069%
73	12.581	1864	1869	1872	rBV2	13715	19826	0.33%	0.086%
74	12.640	1872	1879	1897	rVB4	618002	1416228	23.85%	6.139%
75	12.816	1905	1909	1911	rBV	812	1056	0.02%	0.005%
76	12.869	1916	1918	1919	rBV2	974	812	0.01%	0.004%

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 Title : SFAM01.0

77	12.928	1924	1928	1931	rVV3	18972	31556	0.53%	0.137%
78	12.987	1931	1938	1948	rVB	3819133	5939257	100.00%	25.747%
79	13.234	1973	1980	1990	rVB	651048	1065174	17.93%	4.618%
80	13.322	1993	1995	1998	rBV3	2806	2557	0.04%	0.011%
81	13.375	1998	2004	2008	rBV6	19363	38944	0.66%	0.169%
82	13.434	2008	2014	2017	rBV	155512	276827	4.66%	1.200%
83	13.516	2023	2028	2035	rVB	491551	785236	13.22%	3.404%
84	13.581	2035	2039	2045	rVB3	14625	23908	0.40%	0.104%
85	13.816	2072	2079	2087	rBV	305062	511397	8.61%	2.217%
86	13.963	2101	2104	2109	rVB5	10879	15571	0.26%	0.068%
87	14.045	2111	2118	2123	rVV	13128	20244	0.34%	0.088%
88	14.116	2127	2130	2135	rBV4	3887	5967	0.10%	0.026%
89	14.198	2141	2144	2145	rBV2	1218	896	0.02%	0.004%
90	14.222	2145	2148	2151	rBV3	1353	2026	0.03%	0.009%
91	14.404	2175	2179	2184	rVB3	3740	6305	0.11%	0.027%
92	14.581	2202	2209	2212	rBV5	1528	3083	0.05%	0.013%
93	14.798	2244	2246	2252	rVB6	7788	9038	0.15%	0.039%
94	14.845	2252	2254	2256	rBV2	1617	970	0.02%	0.004%
95	15.033	2283	2286	2291	rVB3	6939	11655	0.20%	0.051%
96	15.957	2442	2443	2445	rBV	1293	1060	0.02%	0.005%
97	16.010	2451	2452	2453	rBV	2322	1069	0.02%	0.005%
98	16.169	2477	2479	2481	rVB2	2091	1303	0.02%	0.006%
99	16.280	2496	2498	2499	rVB2	1866	1038	0.02%	0.004%
100	16.298	2499	2501	2503	rBV2	1843	1628	0.03%	0.007%

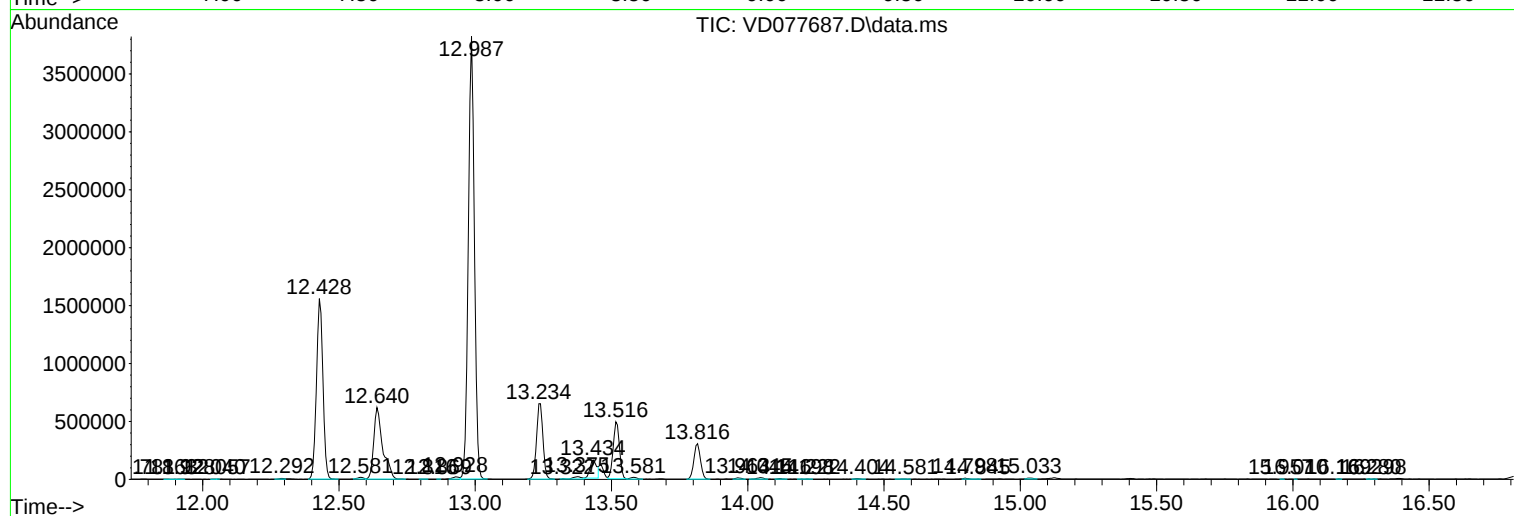
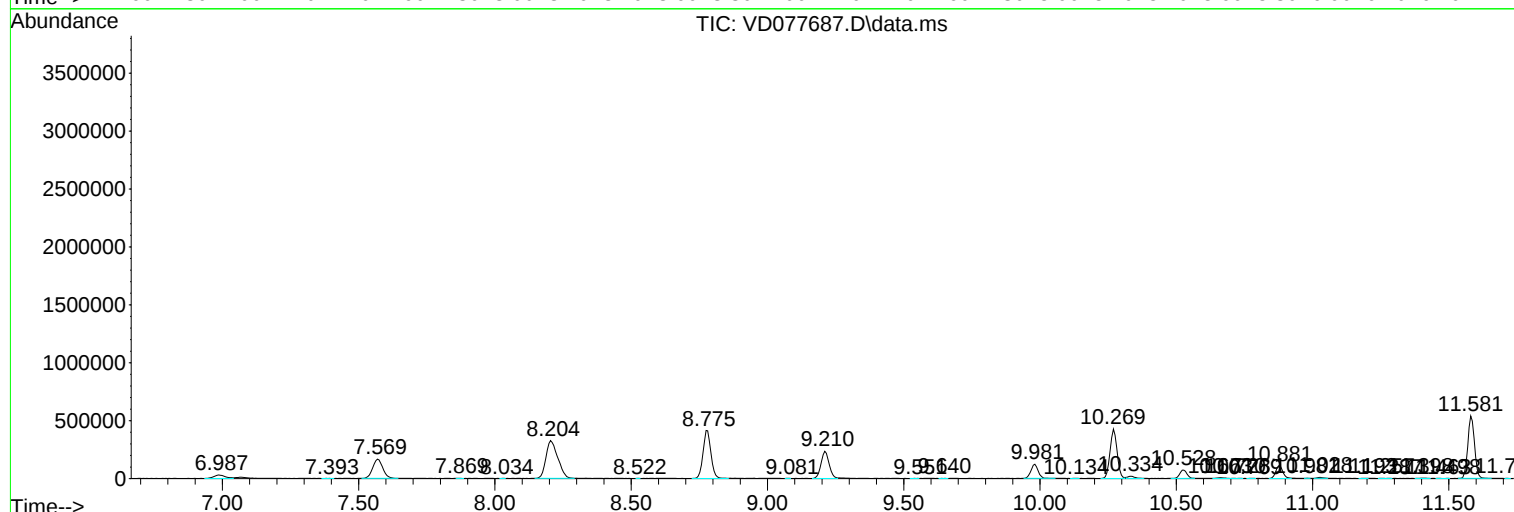
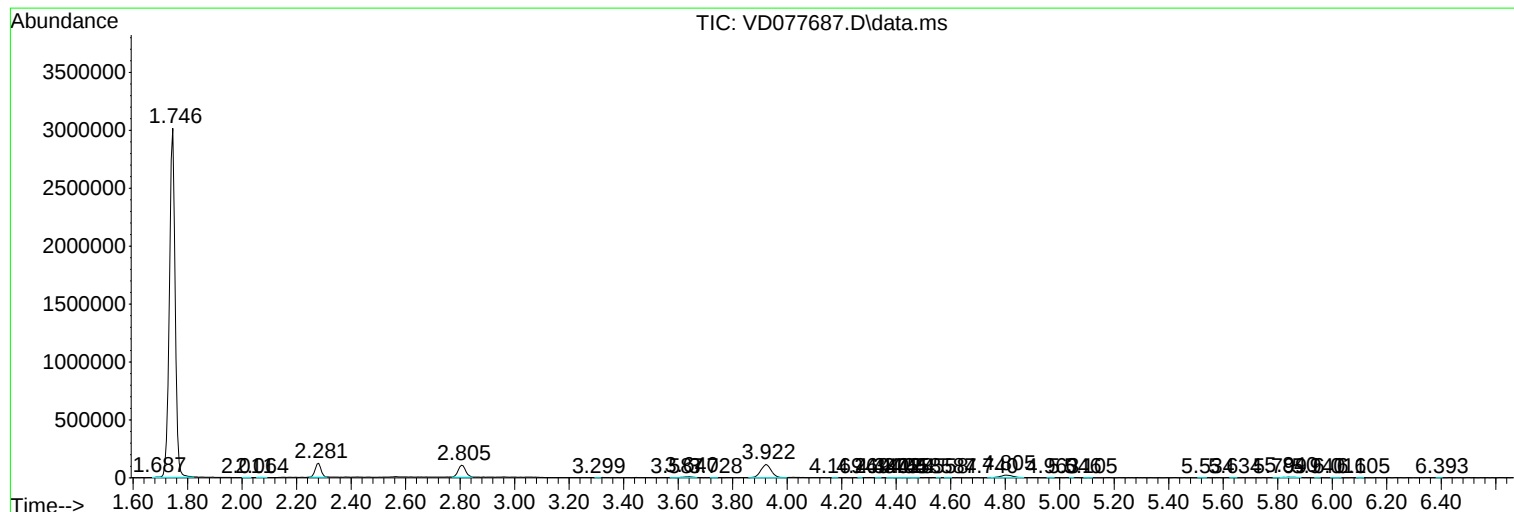
Sum of corrected areas: 23068020

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Instrument :
MSVOA_D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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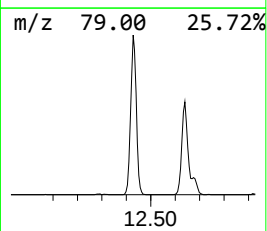
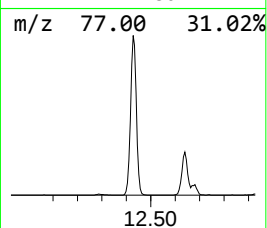
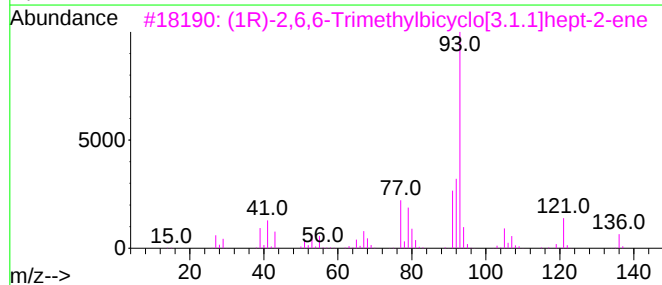
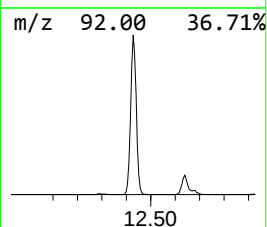
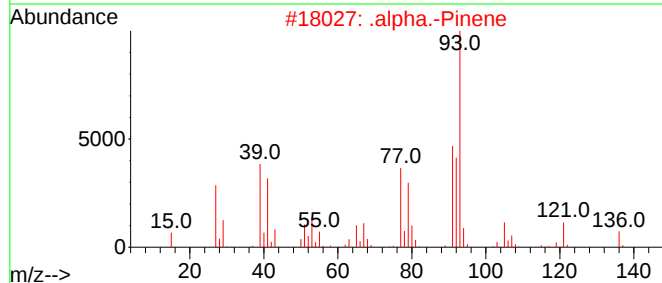
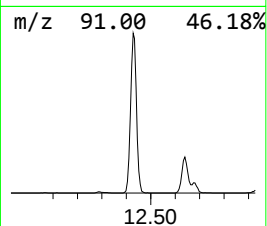
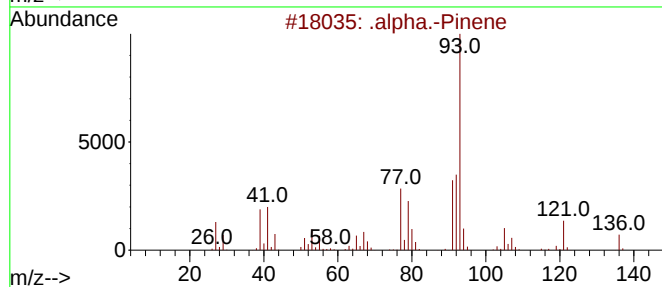
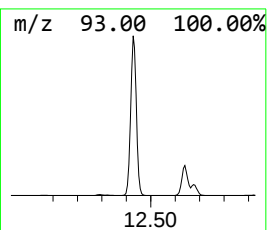
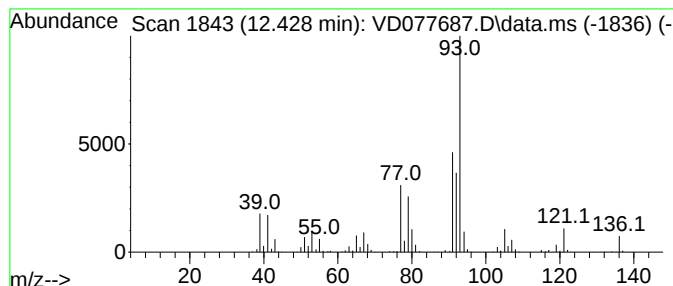
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.428	69.59 ug/L	2553300	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	97
2	.		.alpha.-Pinene	136	C10H16	000080-56-8	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	94
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...			136	C10H16	000508-32-7	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	91



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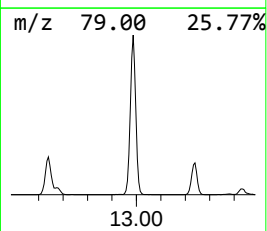
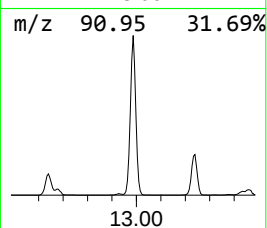
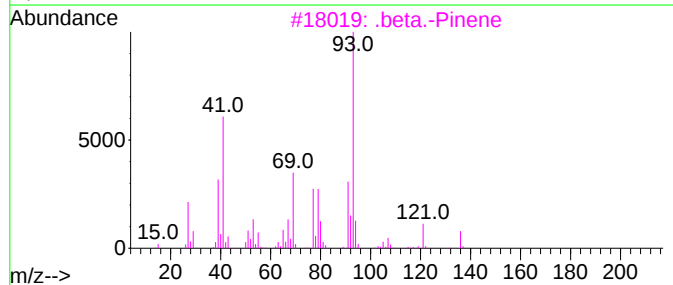
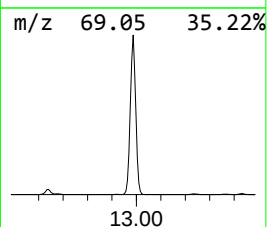
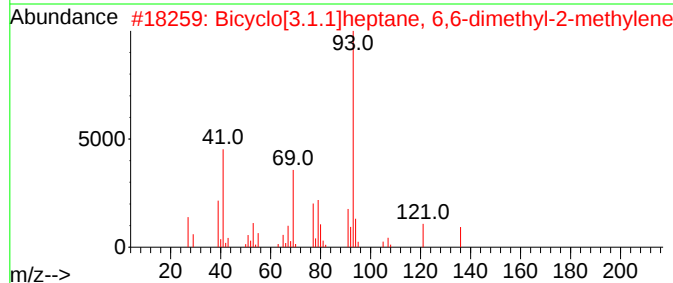
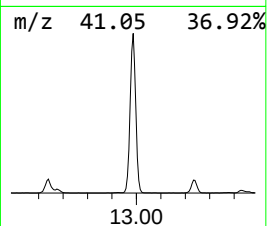
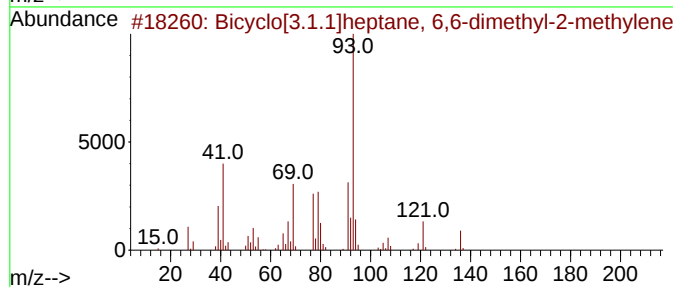
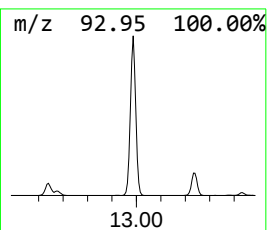
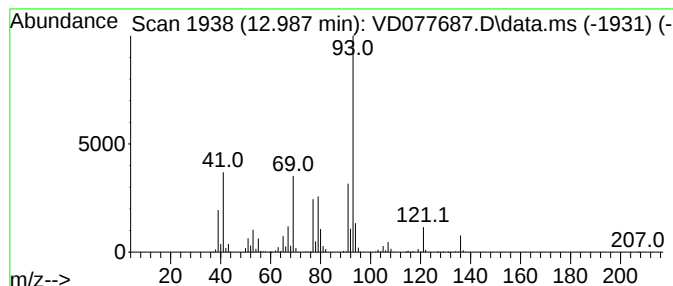
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	189.09 ug/L	5939260	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
2			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
3			.beta.-Pinene	136	C10H16	000127-91-3	96
4			.beta.-Pinene	136	C10H16	000127-91-3	94
5			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91



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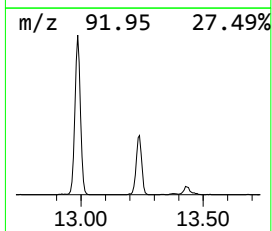
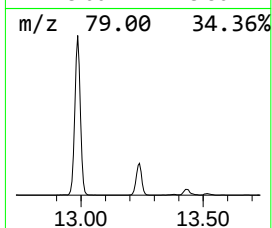
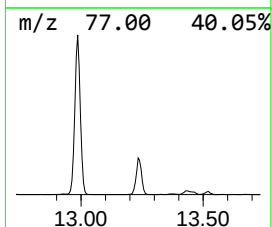
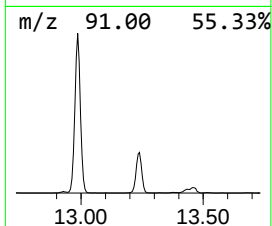
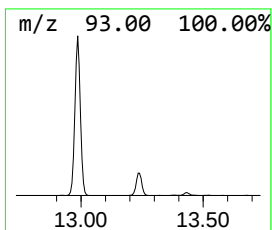
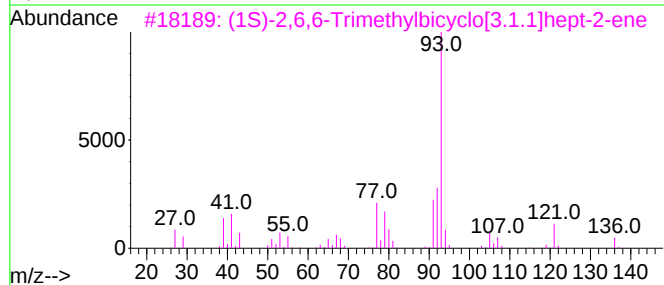
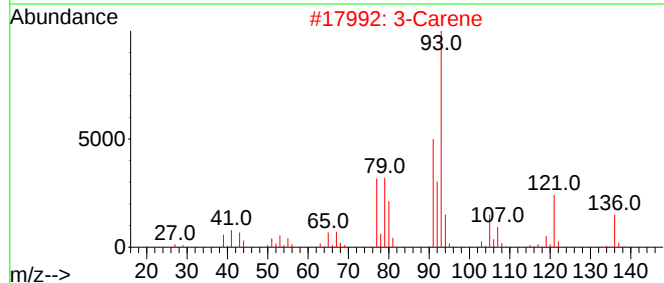
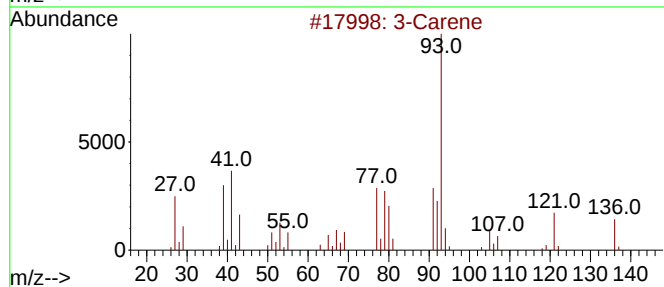
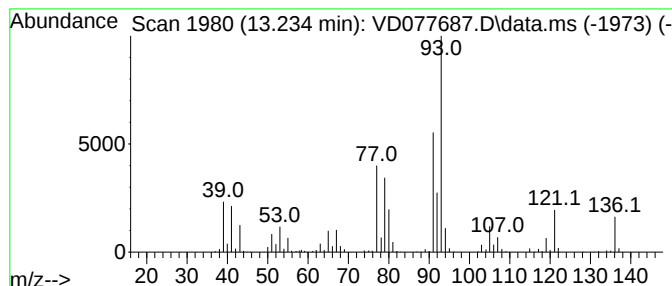
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Quant Title : SFAM01.0

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

Peak Number 5 3-Carene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.234	33.91 ug/L	1065170	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Carene	136	C10H16	013466-78-9	95
2			3-Carene	136	C10H16	013466-78-9	95
3			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	95
4			.gamma.-Terpinene	136	C10H16	000099-85-4	95
5			.gamma.-Terpinene	136	C10H16	000099-85-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112423\
Data File : VD077687.D
Acq On : 24 Nov 2023 12:52
Operator : JC/SY
Sample : 05497-05
Misc : 4.20G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
C0AC2

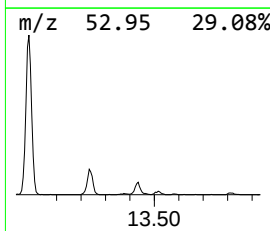
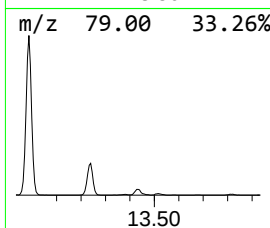
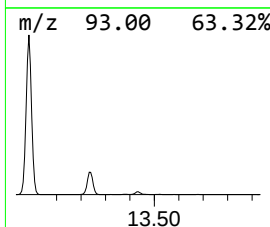
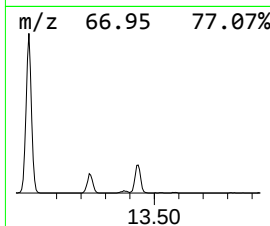
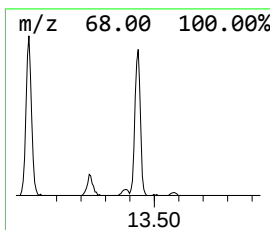
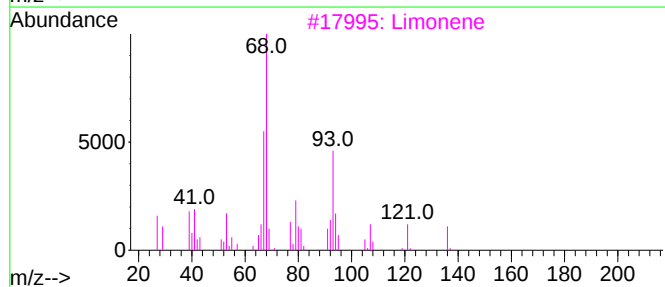
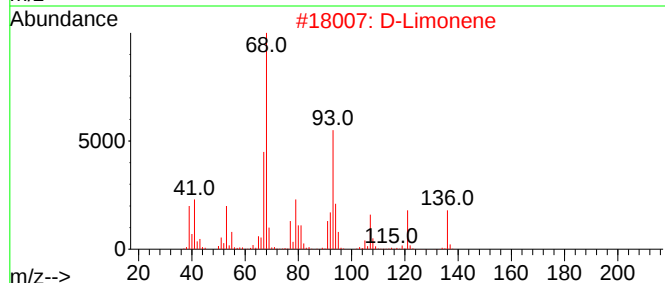
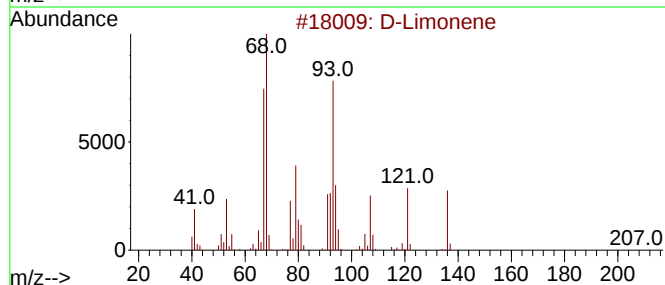
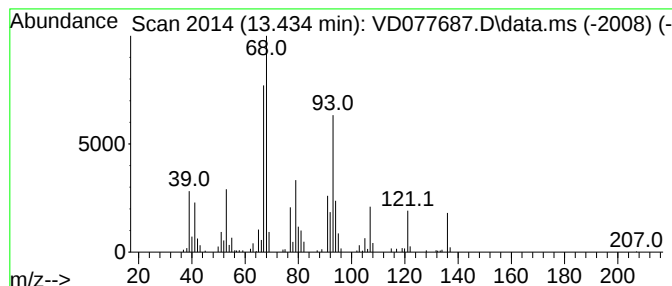
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Quant Title : SFAM01.0

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

Peak Number 6 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.434	8.81 ug/L	276827	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	96
2			D-Limonene	136	C10H16	005989-27-5	90
3			Limonene	136	C10H16	000138-86-3	90
4			D-Limonene	136	C10H16	005989-27-5	90
5			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112423\
Data File : VD077687.D
Acq On : 24 Nov 2023 12:52
Operator : JC/SY
Sample : 05497-05
Misc : 4.20G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
C0AC2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.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
.alpha.-Pinene	12.428	69.6	ug/L	2553300	2	11.581	917265	25.0
Bicyclo[3.1.1]h...	12.986	189.1	ug/L	5939260	3	13.516	785236	25.0
3-Carene	13.234	33.9	ug/L	1065170	3	13.516	785236	25.0
D-Limonene	13.434	8.8	ug/L	276827	3	13.516	785236	25.0