

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021519.D
 Acq On : 21 Dec 2021 12:16
 Operator : SY/VA
 Sample : M5125-14
 Misc : 10.07g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0AP8

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

Signal : TIC: VW021519.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	39	41	50	rVB4	828	1455	0.30%	0.036%
2	2.355	68	74	82	rBV	41162	65308	13.61%	1.610%
3	2.885	154	161	171	rBV	21548	45431	9.47%	1.120%
4	3.398	242	245	247	rVV2	122	144	0.03%	0.004%
5	3.538	265	268	272	rVB	124	147	0.03%	0.004%
6	3.818	312	314	317	rBV	111	144	0.03%	0.004%
7	4.019	337	347	358	rBV2	54639	153698	32.04%	3.790%
8	4.245	382	384	386	rVV	184	193	0.04%	0.005%
9	4.361	400	403	407	rBV	98	182	0.04%	0.004%
10	4.824	476	479	483	rBB2	146	187	0.04%	0.005%
11	4.916	484	494	506	rBV2	8006	24904	5.19%	0.614%
12	5.007	506	509	514	rVB	154	285	0.06%	0.007%
13	5.123	525	528	530	rVB2	154	173	0.04%	0.004%
14	5.172	534	536	538	rBB	157	156	0.03%	0.004%
15	5.220	541	544	546	rBB	165	179	0.04%	0.004%
16	5.379	568	570	573	rBV2	149	230	0.05%	0.006%
17	5.470	582	585	588	rBB	147	198	0.04%	0.005%
18	5.574	600	602	604	rBV2	137	176	0.04%	0.004%
19	5.787	634	637	641	rBV	145	247	0.05%	0.006%
20	5.946	655	663	672	rVB3	2254	6531	1.36%	0.161%
21	6.110	687	690	691	rBV3	138	144	0.03%	0.004%
22	6.348	727	729	731	rVV2	133	167	0.03%	0.004%
23	6.696	785	786	790	rBV	130	224	0.05%	0.006%
24	6.976	830	832	838	rVB	142	253	0.05%	0.006%
25	7.080	838	849	863	rBV	12160	36632	7.64%	0.903%
26	7.281	878	882	885	rVB3	189	264	0.06%	0.007%
27	7.488	915	916	920	rBB3	165	155	0.03%	0.004%
28	7.531	920	923	926	rBB	233	265	0.06%	0.007%
29	7.653	933	943	953	rVV	78554	194133	40.46%	4.787%
30	7.726	953	955	958	rVB2	252	216	0.05%	0.005%
31	8.275	1036	1045	1059	rBV2	148867	458175	95.50%	11.298%
32	8.610	1099	1100	1107	rVB	224	283	0.06%	0.007%
33	8.842	1129	1138	1147	rVV	159983	311475	64.92%	7.680%
34	9.086	1172	1178	1180	rBV3	320	495	0.10%	0.012%
35	9.220	1197	1200	1201	rVV	264	271	0.06%	0.007%
36	9.275	1201	1209	1219	rVV	105064	210304	43.83%	5.186%

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 Title : SFAM01.0

37	9.354	1221	1222	1224	rVV	273	143	0.03%	0.004%
38	9.415	1227	1232	1238	rBV3	510	1106	0.23%	0.027%
39	9.585	1258	1260	1262	rBV	200	193	0.04%	0.005%
40	10.037	1326	1334	1345	rBB	61729	108577	22.63%	2.677%
41	10.213	1356	1363	1373	rBB	5623	10271	2.14%	0.253%
42	10.323	1373	1381	1388	rBV	234220	421783	87.91%	10.400%
43	10.390	1388	1392	1400	rVB	4362	7165	1.49%	0.177%
44	10.494	1404	1409	1413	rVB2	294	479	0.10%	0.012%
45	10.579	1417	1423	1433	rBB	38675	66173	13.79%	1.632%
46	10.701	1437	1443	1448	rBB2	510	739	0.15%	0.018%
47	10.829	1458	1464	1465	rBV	250	405	0.08%	0.010%
48	10.860	1467	1469	1471	rVB	302	247	0.05%	0.006%
49	10.927	1473	1480	1492	rBV	52302	88401	18.43%	2.180%
50	11.067	1498	1503	1513	rBV2	5705	10604	2.21%	0.261%
51	11.390	1551	1556	1557	rBV2	315	476	0.10%	0.012%
52	11.524	1575	1578	1579	rVB2	188	180	0.04%	0.004%
53	11.567	1580	1585	1588	rBV2	136	249	0.05%	0.006%
54	11.634	1588	1596	1606	rVV	236131	406077	84.64%	10.013%
55	11.731	1608	1612	1617	rVV2	1163	1805	0.38%	0.045%
56	11.835	1623	1629	1639	rBV	3607	7461	1.56%	0.184%
57	11.914	1639	1642	1643	rVB	243	174	0.04%	0.004%
58	12.006	1654	1657	1659	rBV	133	181	0.04%	0.004%
59	12.164	1677	1683	1685	rBV3	1270	2196	0.46%	0.054%
60	12.237	1691	1695	1707	rVB4	2948	7375	1.54%	0.182%
61	12.335	1707	1711	1720	rBV4	2484	4279	0.89%	0.106%
62	12.396	1720	1721	1722	rBV4	280	189	0.04%	0.005%
63	12.591	1747	1753	1760	rVB3	3804	7543	1.57%	0.186%
64	12.695	1763	1770	1776	rBV	87183	142874	29.78%	3.523%
65	12.750	1777	1779	1784	rBV3	567	659	0.14%	0.016%
66	12.798	1784	1787	1793	rVB	1705	2477	0.52%	0.061%
67	12.865	1793	1798	1801	rBV2	5955	9591	2.00%	0.236%
68	13.103	1829	1837	1844	rBV	2043	3881	0.81%	0.096%
69	13.195	1848	1852	1855	rVB3	1760	2580	0.54%	0.064%
70	13.249	1856	1861	1865	rBV	16746	26776	5.58%	0.660%
71	13.396	1880	1885	1890	rVB3	7996	12003	2.50%	0.296%
72	13.554	1905	1911	1924	rBV	279363	479781	100.00%	11.830%
73	13.713	1933	1937	1939	rBV3	2477	3545	0.74%	0.087%
74	13.749	1939	1943	1946	rBV3	9692	15086	3.14%	0.372%
75	13.853	1953	1960	1970	rVB	244307	397985	82.95%	9.814%
76	13.951	1971	1976	1981	rVB	3428	5495	1.15%	0.135%

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 Title : SFAM01.0

77	14.011	1981	1986	1988	rBV	6650	11033	2.30%	0.272%
78	14.091	1996	1999	2005	rVB	12018	18255	3.80%	0.450%
79	14.200	2013	2017	2025	rVB2	6308	11050	2.30%	0.272%
80	14.322	2031	2037	2046	rBV2	46888	76045	15.85%	1.875%
81	14.414	2048	2052	2055	rVV2	7261	10912	2.27%	0.269%
82	14.457	2055	2059	2063	rVB	8345	12415	2.59%	0.306%
83	14.633	2084	2088	2092	rBV2	2547	3547	0.74%	0.087%
84	14.688	2092	2097	2100	rBV	8390	14020	2.92%	0.346%
85	14.798	2108	2115	2121	rBV2	11428	27467	5.72%	0.677%
86	14.853	2121	2124	2129	rVB2	2659	3705	0.77%	0.091%
87	14.956	2136	2141	2147	rBV4	2053	3742	0.78%	0.092%
88	15.023	2149	2152	2153	rVV3	889	1005	0.21%	0.025%
89	15.060	2153	2158	2170	rVB3	4936	12611	2.63%	0.311%
90	15.176	2171	2177	2184	rBV5	9971	19476	4.06%	0.480%
91	15.359	2202	2207	2213	rVB	10117	17770	3.70%	0.438%
92	15.475	2221	2226	2234	rBV4	2859	6485	1.35%	0.160%
93	15.651	2250	2255	2260	rBV4	2495	4293	0.89%	0.106%
94	15.944	2299	2303	2308	rVB2	1436	2167	0.45%	0.053%
95	16.066	2321	2323	2324	rBV2	379	295	0.06%	0.007%
96	16.090	2324	2327	2330	rVV4	1186	1721	0.36%	0.042%
97	16.164	2335	2339	2340	rBV2	1041	935	0.19%	0.023%
98	16.371	2367	2373	2377	rBV5	3174	5850	1.22%	0.144%
99	16.438	2378	2384	2390	rBV	7298	14275	2.98%	0.352%
100	16.639	2410	2417	2423	rBV4	2637	5775	1.20%	0.142%

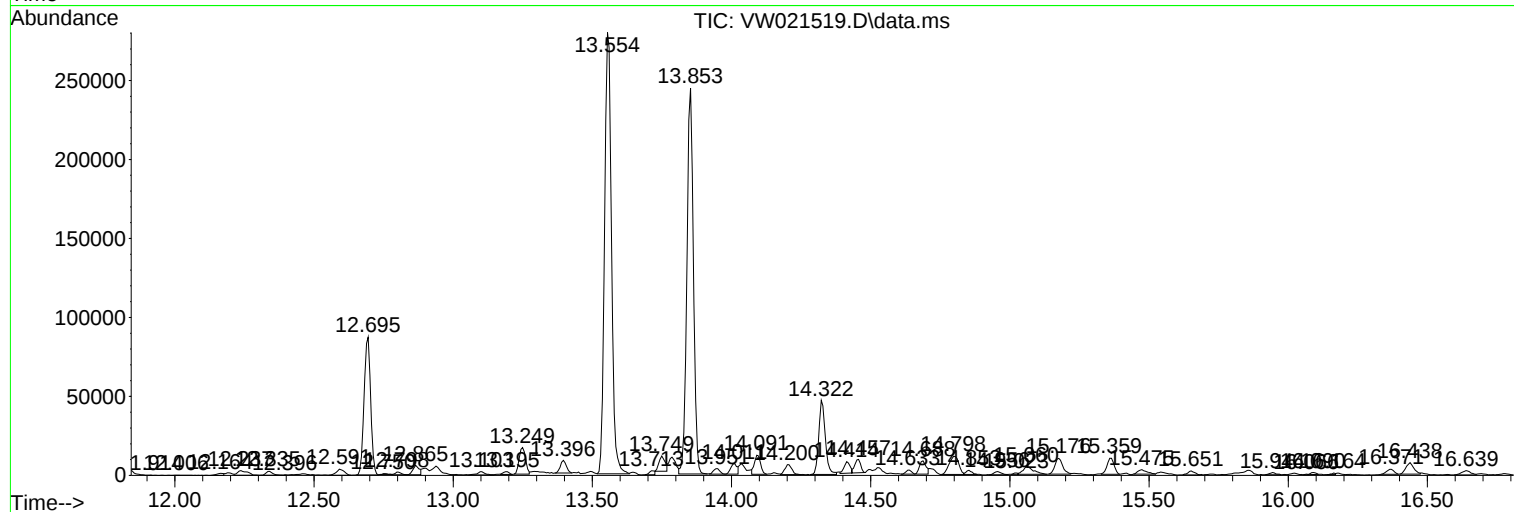
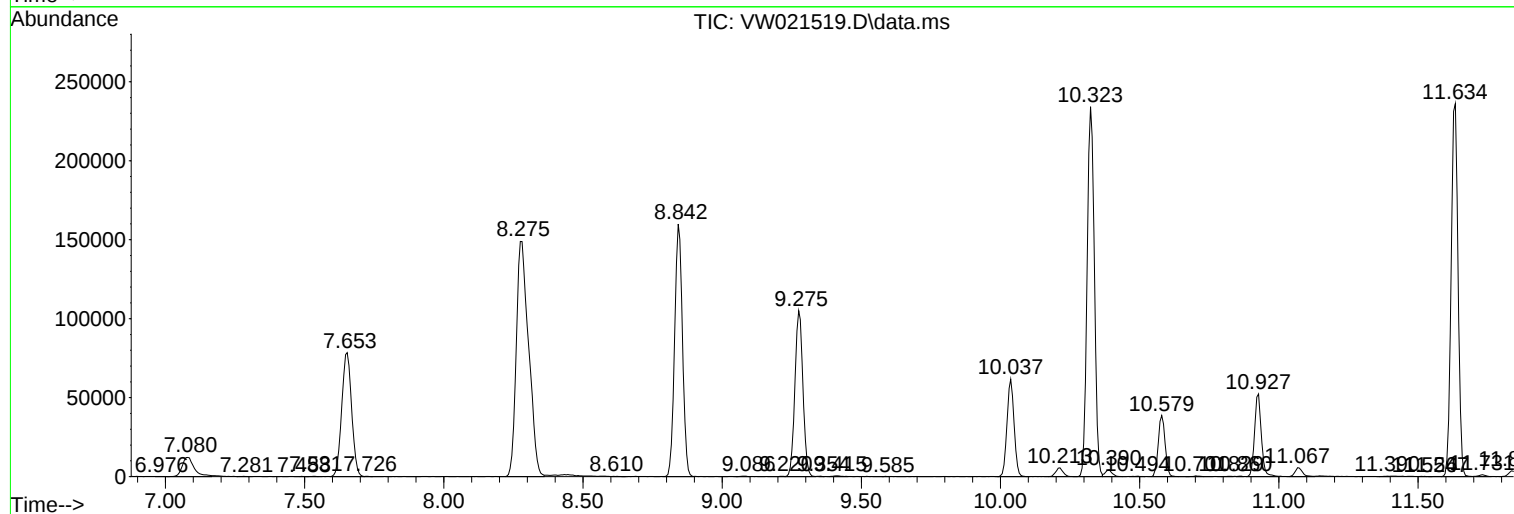
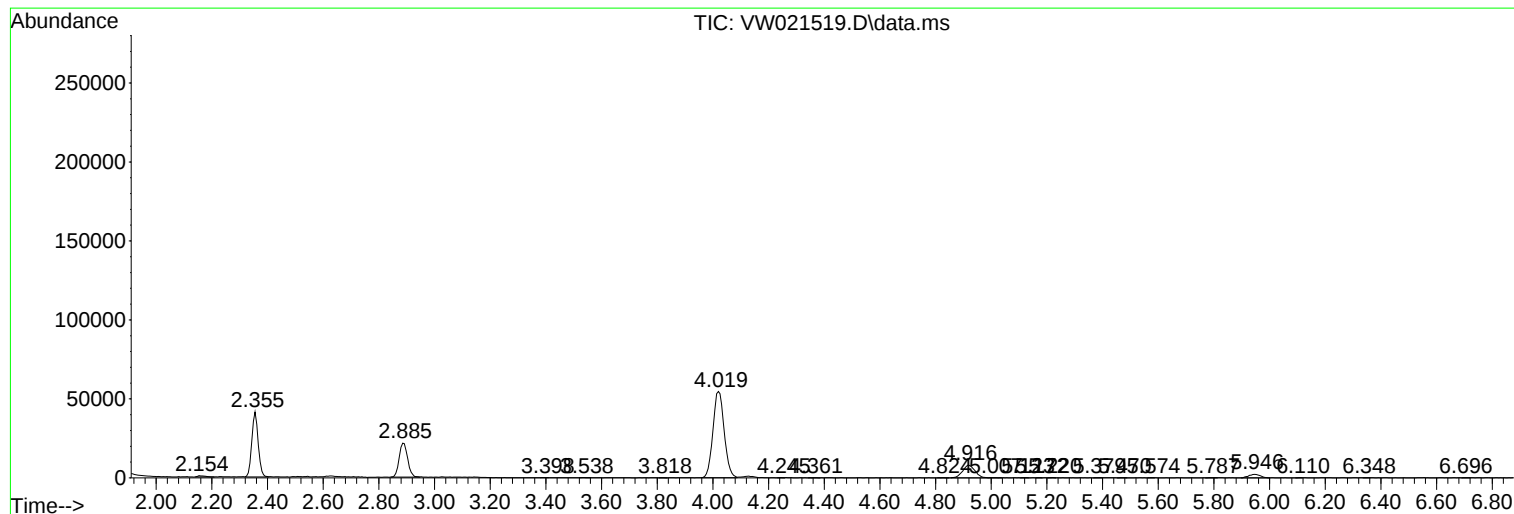
Sum of corrected areas: 4055477

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.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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ClientSampleId :
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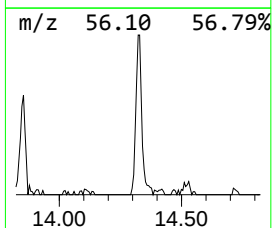
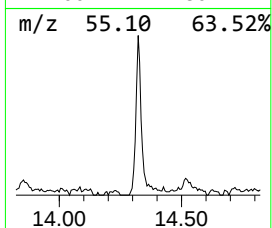
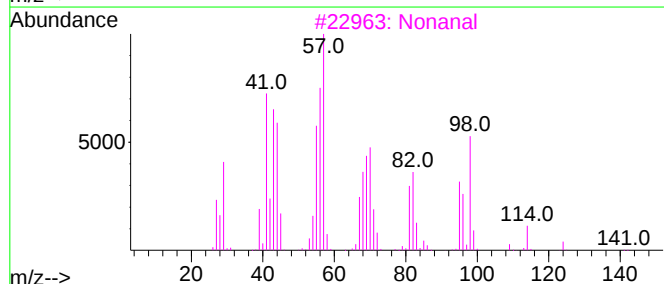
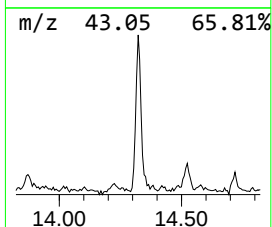
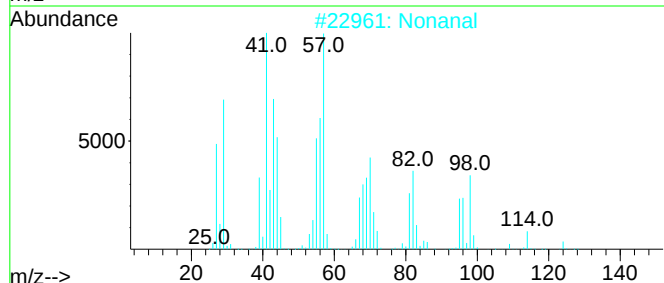
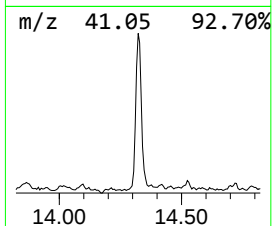
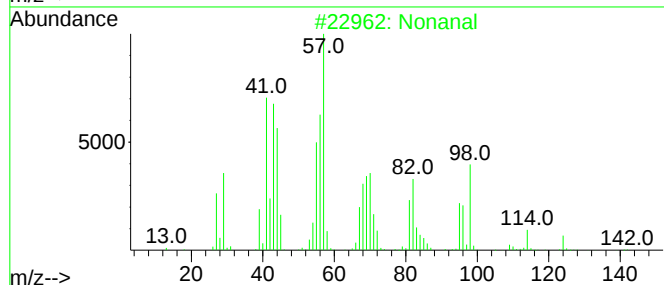
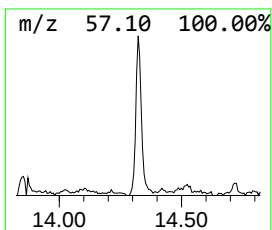
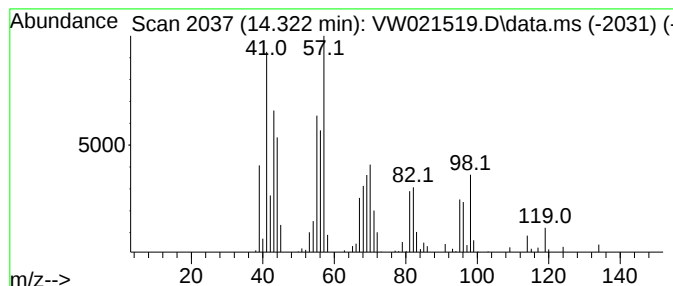
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	3.96 ug/L	76045	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal			142	C9H18O	000124-19-6	91
2	Nonanal			142	C9H18O	000124-19-6	90
3	Nonanal			142	C9H18O	000124-19-6	87
4	Nonanal			142	C9H18O	000124-19-6	80
5	Cycloheptane			98	C7H14	000291-64-5	38



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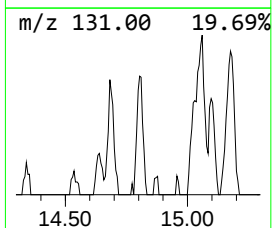
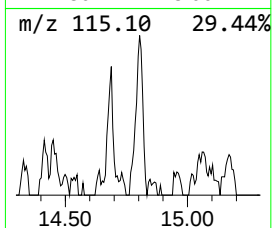
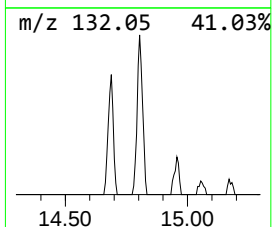
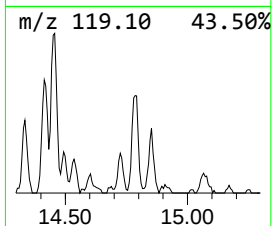
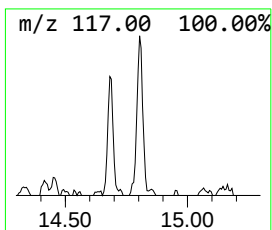
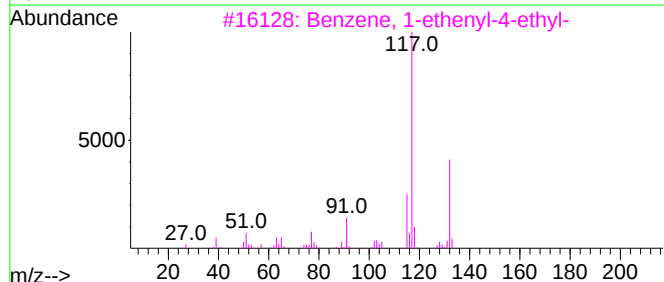
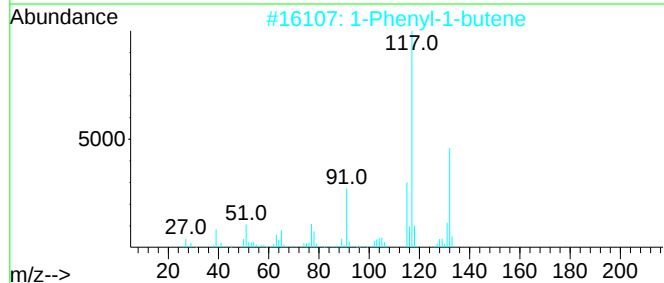
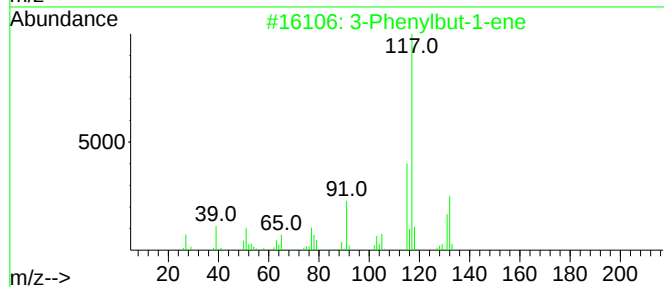
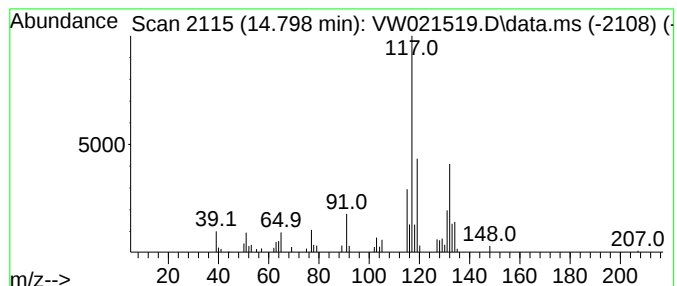
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 3-Phenylbut-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	1.43 ug/L	27467	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	70
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
4			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	62



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonanal	14.322	4.0	ug/L	76045	3	13.560	479781	25.0
3-Phenylbut-1-ene	14.798	1.4	ug/L	27467	3	13.560	479781	25.0