

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
 Data File : VW031648.D
 Acq On : 29 Jan 2025 17:57
 Operator : SY/MD
 Sample : Q1189-14
 Misc : 14.26g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44R5

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: VW031648.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.954	9	11	14	rBV2	1937	2769	0.14%	0.022%
2	1.997	16	18	30	rVB2	5505	13945	0.73%	0.110%
3	2.162	39	45	46	rBV	4550	7569	0.40%	0.060%
4	2.363	70	78	95	rBV	73374	245370	12.85%	1.943%
5	2.497	95	100	108	rVB3	10979	29993	1.57%	0.238%
6	2.704	132	134	135	rBV2	2117	1485	0.08%	0.012%
7	2.893	157	165	179	rBV2	70228	203201	10.64%	1.609%
8	3.247	221	223	225	rVB3	1001	963	0.05%	0.008%
9	3.375	241	244	245	rBV2	769	888	0.05%	0.007%
10	3.436	252	254	257	rVB4	516	547	0.03%	0.004%
11	3.460	257	258	261	rBV2	658	705	0.04%	0.006%
12	3.606	279	282	283	rBV3	707	680	0.04%	0.005%
13	3.673	290	293	294	rBV2	913	982	0.05%	0.008%
14	3.692	294	296	300	rVB4	1357	1166	0.06%	0.009%
15	3.783	309	311	314	rVB4	772	620	0.03%	0.005%
16	3.814	314	316	319	rVB3	765	606	0.03%	0.005%
17	3.899	326	330	332	rBV4	973	1288	0.07%	0.010%
18	3.923	332	334	336	rVB2	623	538	0.03%	0.004%
19	4.015	336	349	363	rBV	139355	538550	28.20%	4.265%
20	4.131	364	368	384	rVB	32012	101397	5.31%	0.803%
21	4.368	404	407	410	rBV4	741	1285	0.07%	0.010%
22	4.515	429	431	435	rVB4	490	658	0.03%	0.005%
23	4.667	452	456	458	rBV4	2001	2897	0.15%	0.023%
24	4.893	489	493	494	rBV3	804	856	0.04%	0.007%
25	4.917	494	497	502	rVB4	1207	1540	0.08%	0.012%
26	5.118	525	530	535	rVV5	1350	3203	0.17%	0.025%
27	5.161	535	537	539	rVV2	585	717	0.04%	0.006%
28	5.179	539	540	542	rVV2	621	615	0.03%	0.005%
29	5.222	542	547	550	rVV3	1217	2101	0.11%	0.017%
30	5.758	628	635	636	rBV2	1799	2114	0.11%	0.017%
31	5.789	636	640	646	rVB6	2643	5193	0.27%	0.041%
32	5.832	646	647	651	rVB	998	674	0.04%	0.005%
33	5.929	658	663	664	rBV3	929	1230	0.06%	0.010%
34	5.947	664	666	668	rVB3	710	647	0.03%	0.005%
35	6.045	678	682	684	rVB2	672	810	0.04%	0.006%
36	6.075	684	687	689	rBV3	529	574	0.03%	0.005%

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

37	6.130	694	696	702	rVB5	658	1112	0.06%	0.009%
38	6.252	714	716	720	rBV3	560	646	0.03%	0.005%
39	6.740	793	796	802	rVB3	401	869	0.05%	0.007%
40	6.905	812	823	832	rBV3	6135	20081	1.05%	0.159%
41	7.081	842	852	876	rBV	121856	379428	19.87%	3.005%
42	7.276	881	884	886	rVV3	832	1123	0.06%	0.009%
43	7.447	909	912	914	rBV3	630	592	0.03%	0.005%
44	7.520	922	924	926	rVV3	560	659	0.03%	0.005%
45	7.551	926	929	931	rVV2	957	1409	0.07%	0.011%
46	7.648	934	945	959	rVV	329450	809223	42.37%	6.409%
47	7.746	959	961	964	rVB4	496	624	0.03%	0.005%
48	7.783	964	967	969	rVB3	669	683	0.04%	0.005%
49	7.843	974	977	978	rBV3	627	574	0.03%	0.005%
50	7.947	990	994	995	rBV3	593	606	0.03%	0.005%
51	8.063	1011	1013	1015	rVB2	821	740	0.04%	0.006%
52	8.087	1015	1017	1018	rBV	671	581	0.03%	0.005%
53	8.270	1037	1047	1063	rVV2	611562	1909834	100.00%	15.126%
54	8.404	1067	1069	1071	rVV3	1212	1199	0.06%	0.009%
55	8.453	1074	1077	1079	rVB4	692	841	0.04%	0.007%
56	8.551	1084	1093	1101	rBV6	5119	12647	0.66%	0.100%
57	8.642	1106	1108	1112	rVB5	931	953	0.05%	0.008%
58	8.697	1112	1117	1118	rBV4	1777	2716	0.14%	0.022%
59	8.715	1118	1120	1125	rVB6	2500	3476	0.18%	0.028%
60	8.758	1125	1127	1129	rBV3	781	923	0.05%	0.007%
61	8.837	1131	1140	1153	rBV	602745	1204681	63.08%	9.541%
62	9.063	1171	1177	1178	rBV5	1535	2449	0.13%	0.019%
63	9.081	1178	1180	1184	rVB5	1030	1204	0.06%	0.010%
64	9.130	1186	1188	1189	rBV2	689	612	0.03%	0.005%
65	9.179	1195	1196	1199	rBV3	1023	1048	0.05%	0.008%
66	9.209	1199	1201	1202	rBV2	698	642	0.03%	0.005%
67	9.270	1202	1211	1221	rBV	465847	939187	49.18%	7.438%
68	9.410	1228	1234	1239	rBV2	12749	24728	1.29%	0.196%
69	9.471	1242	1244	1246	rVB3	1172	692	0.04%	0.005%
70	9.508	1249	1250	1255	rVB5	815	795	0.04%	0.006%
71	9.636	1269	1271	1272	rBV2	793	725	0.04%	0.006%
72	9.666	1272	1276	1281	rVB7	2840	5135	0.27%	0.041%
73	9.788	1291	1296	1298	rBV4	1145	1522	0.08%	0.012%
74	9.941	1316	1321	1322	rBV5	1271	1848	0.10%	0.015%
75	9.971	1324	1326	1327	rVV	1026	725	0.04%	0.006%
76	10.032	1328	1336	1350	rVV	159305	295874	15.49%	2.343%

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Peak Location: TOP

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 Title : SFAM01.0

77	10.172	1357	1359	1362	rBV4	1018	1125	0.06%	0.009%
78	10.203	1362	1364	1367	rVV4	1029	1003	0.05%	0.008%
79	10.319	1374	1383	1393	rBV	572713	995605	52.13%	7.885%
80	10.575	1419	1425	1436	rBV	79719	142826	7.48%	1.131%
81	10.697	1440	1445	1451	rVB	17338	29977	1.57%	0.237%
82	10.758	1453	1455	1456	rBV2	1447	799	0.04%	0.006%
83	10.819	1459	1465	1468	rBV8	2048	5240	0.27%	0.042%
84	10.922	1475	1482	1494	rBV	341306	607090	31.79%	4.808%
85	11.068	1500	1506	1514	rVB2	69153	118978	6.23%	0.942%
86	11.629	1591	1598	1606	rVB	439838	756102	39.59%	5.988%
87	12.343	1711	1715	1717	rBV5	7778	12566	0.66%	0.100%
88	12.599	1752	1757	1765	rVB2	119595	226687	11.87%	1.795%
89	12.690	1765	1772	1779	rBV	359205	601435	31.49%	4.763%
90	13.263	1854	1866	1879	rBV	76132	293629	15.37%	2.326%
91	13.550	1908	1913	1920	rVB	156896	259045	13.56%	2.052%
92	13.842	1950	1961	1972	rBV2	208799	606934	31.78%	4.807%
93	14.056	1993	1996	2002	rVB	32637	49305	2.58%	0.391%
94	14.921	2129	2138	2149	rVB3	70029	250700	13.13%	1.986%
95	15.056	2153	2160	2168	rBV8	20947	72199	3.78%	0.572%
96	15.306	2196	2201	2208	rBV3	27427	71162	3.73%	0.564%
97	15.586	2238	2247	2257	rBV5	56244	202971	10.63%	1.608%
98	15.909	2291	2300	2314	rVB3	67173	274946	14.40%	2.178%
99	16.427	2377	2385	2400	rVB4	35831	148921	7.80%	1.179%
100	16.750	2430	2438	2444	rBV5	24386	85058	4.45%	0.674%

Sum of corrected areas: 12626085

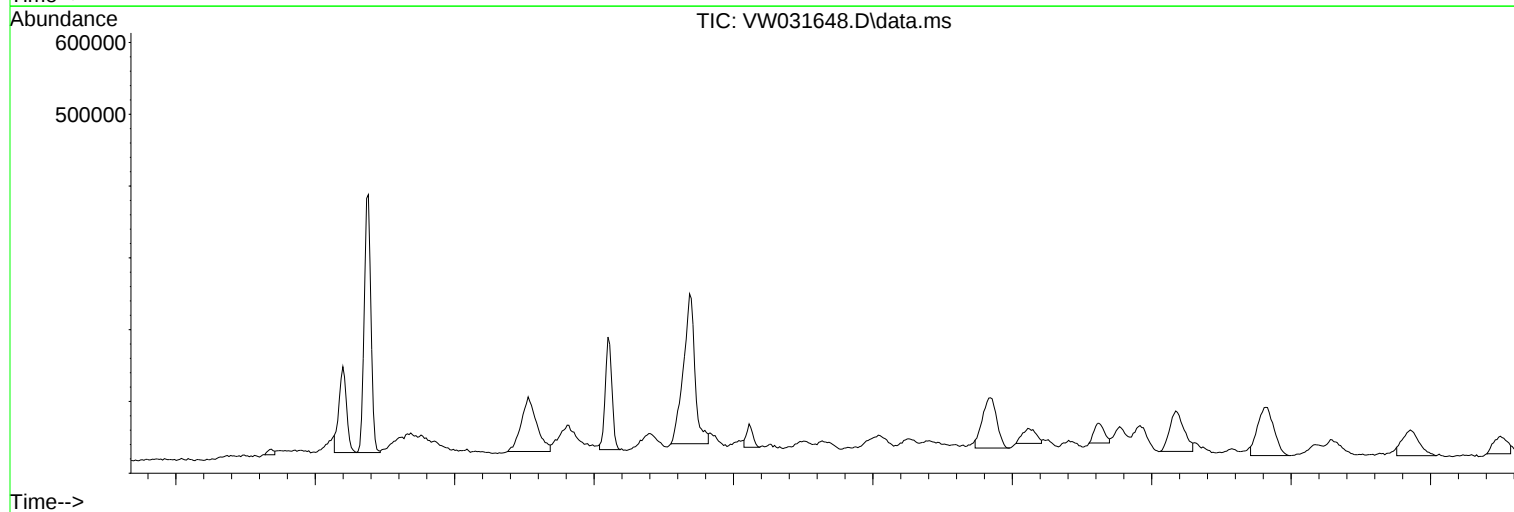
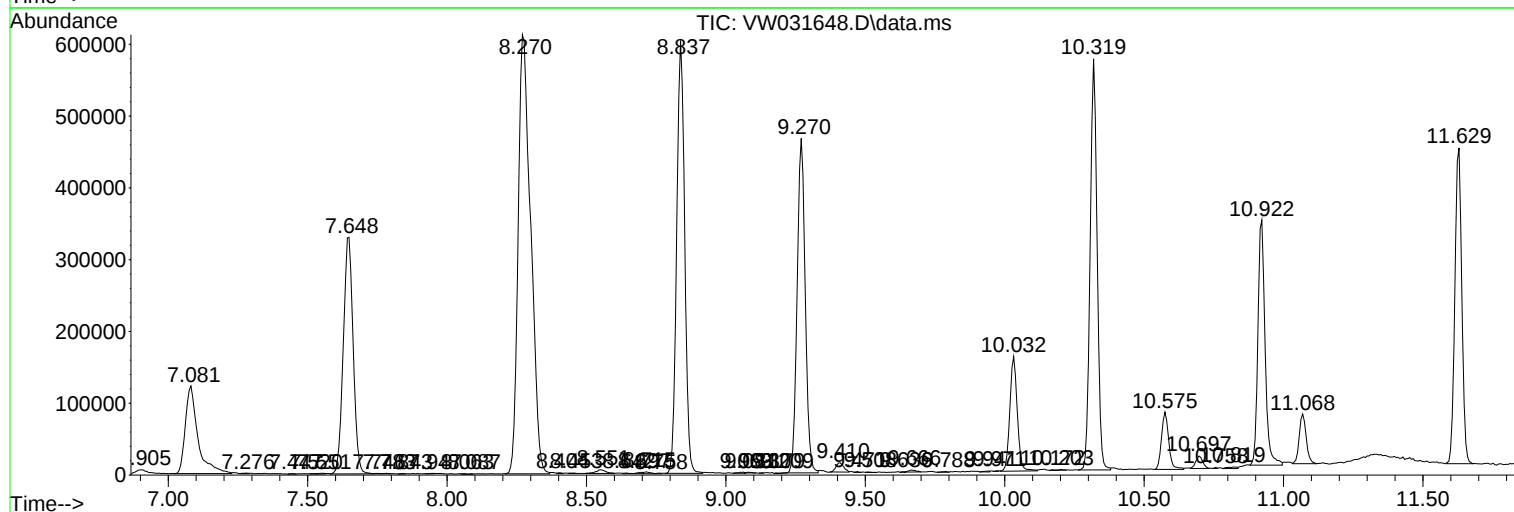
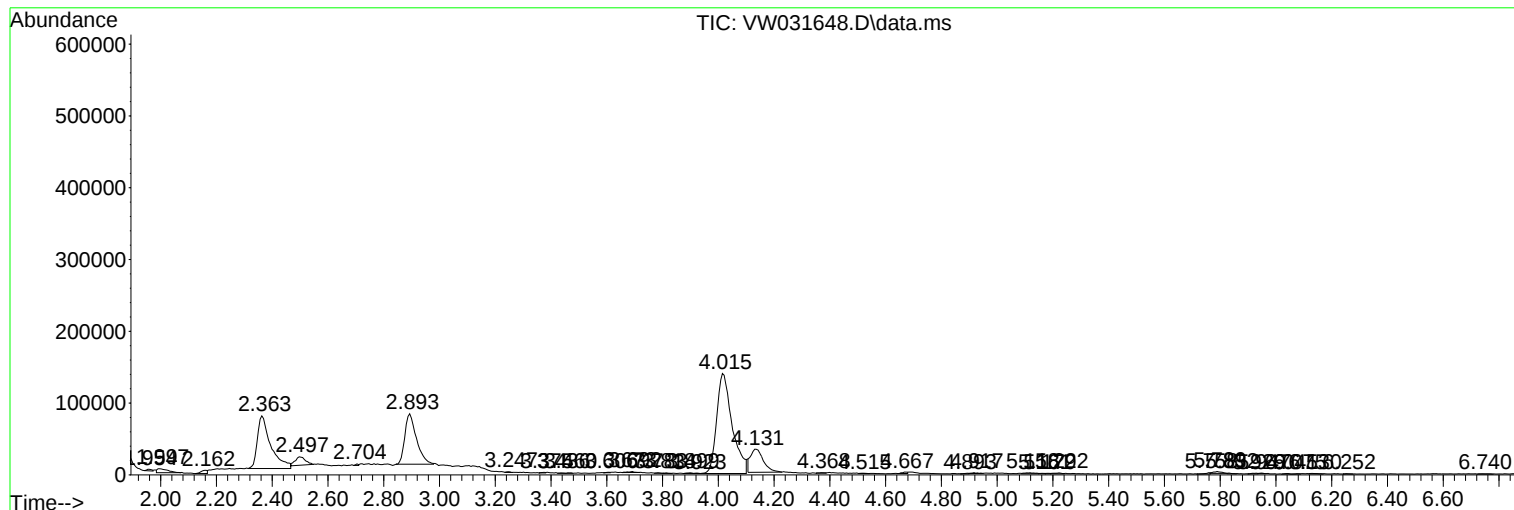
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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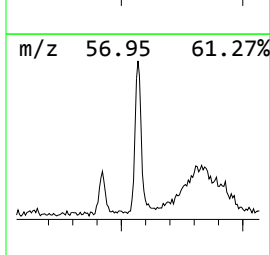
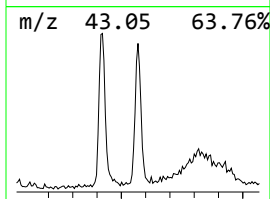
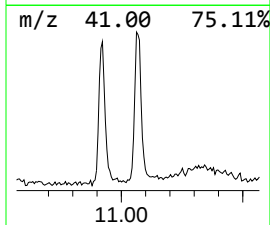
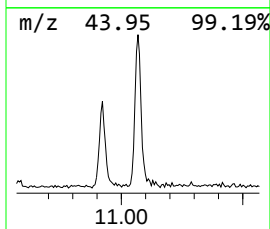
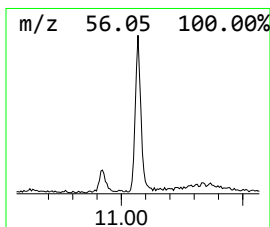
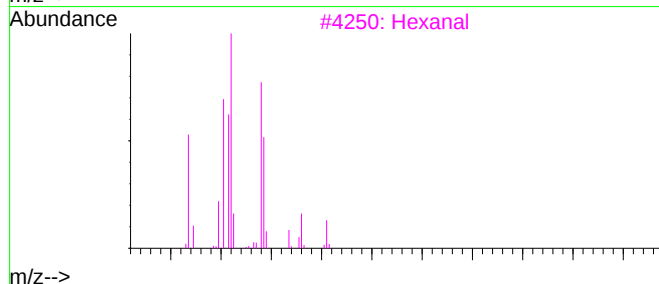
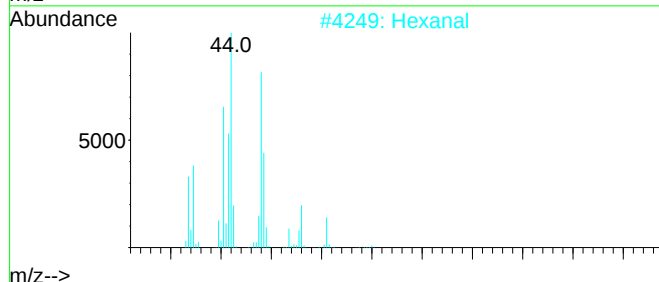
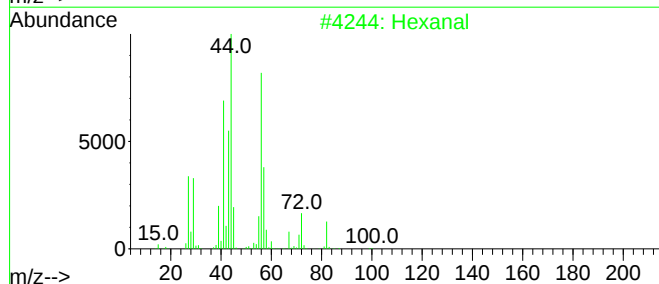
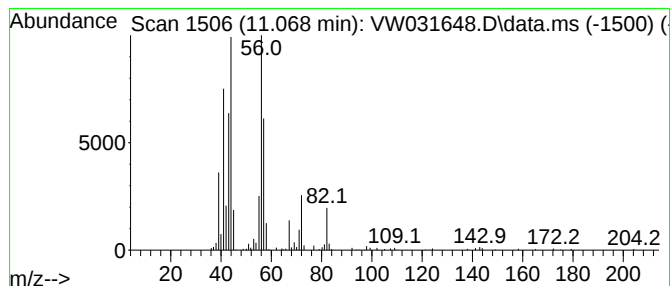
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	3.93 ug/L	118978	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	90
3	Hexanal	100	C6H12O	000066-25-1	80
4	Hexanal	100	C6H12O	000066-25-1	72
5	Hexanal	100	C6H12O	000066-25-1	64



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

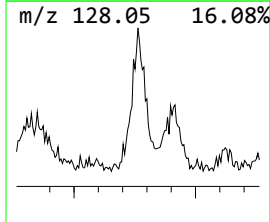
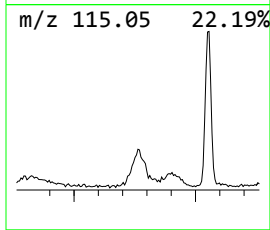
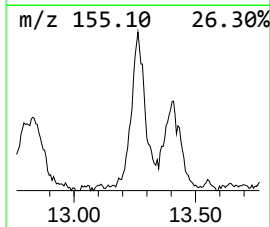
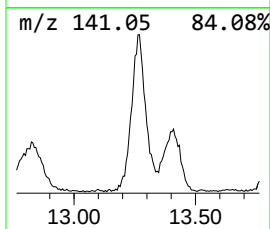
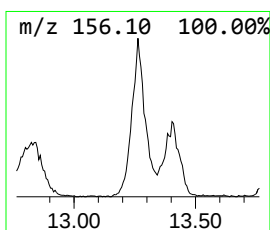
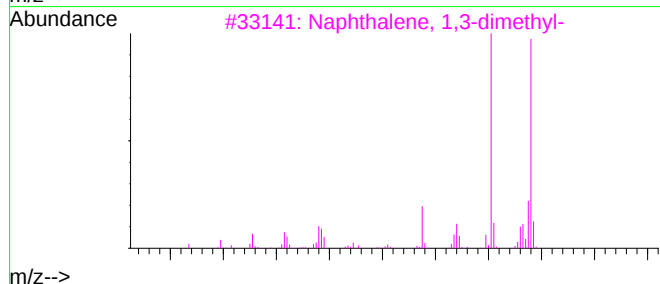
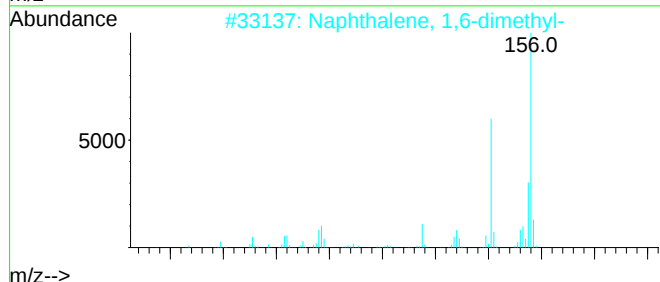
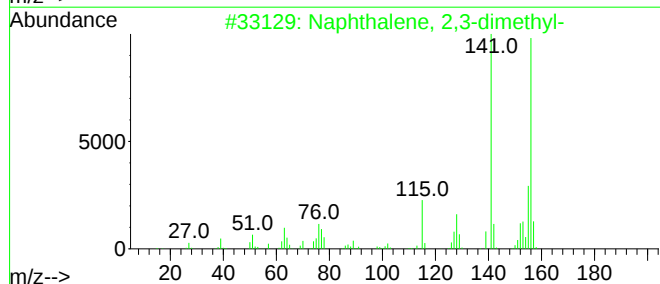
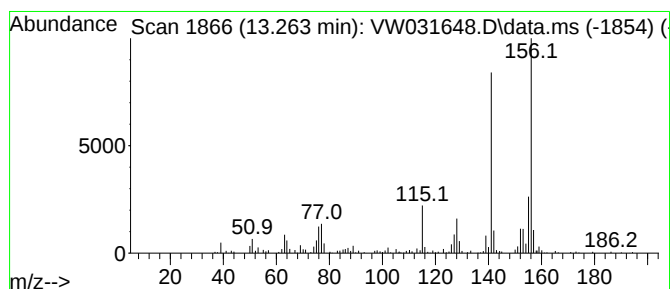
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	28.34 ug/L	293629	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



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

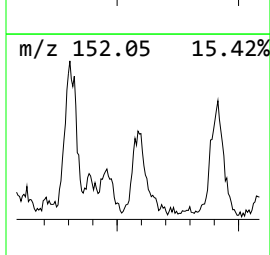
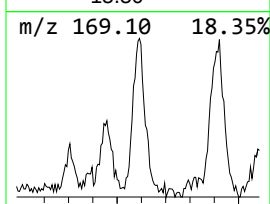
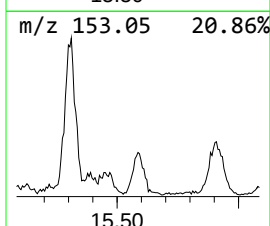
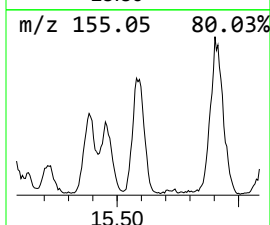
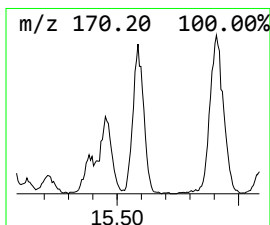
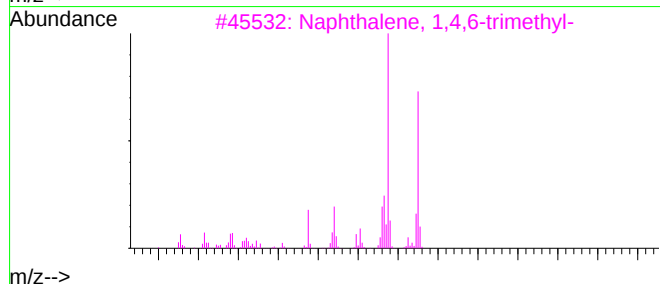
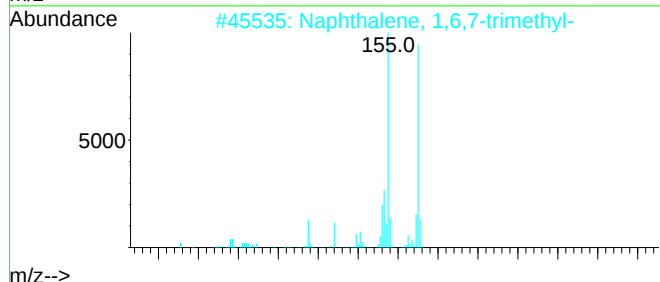
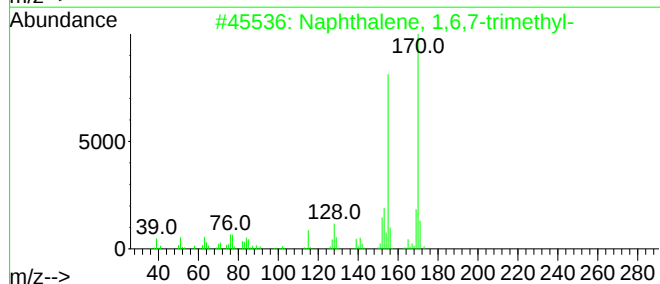
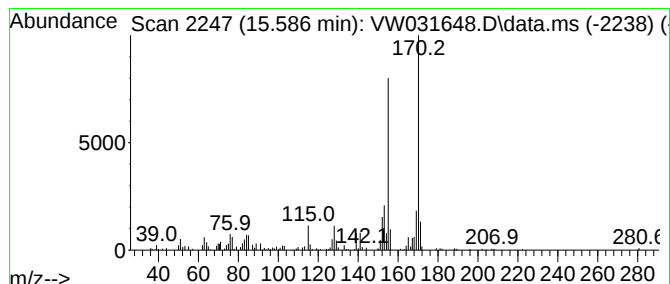
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.586	19.59 ug/L	202971	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031648.D
Acq On : 29 Jan 2025 17:57
Operator : SY/MD
Sample : Q1189-14
Misc : 14.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

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

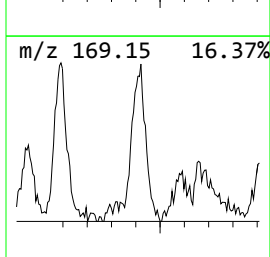
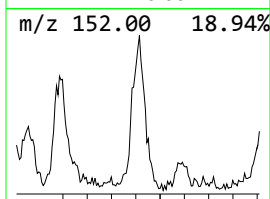
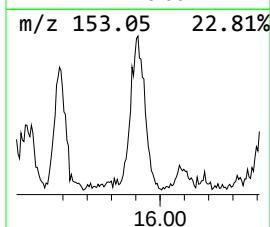
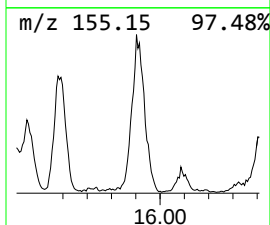
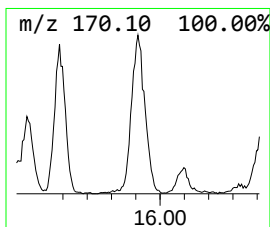
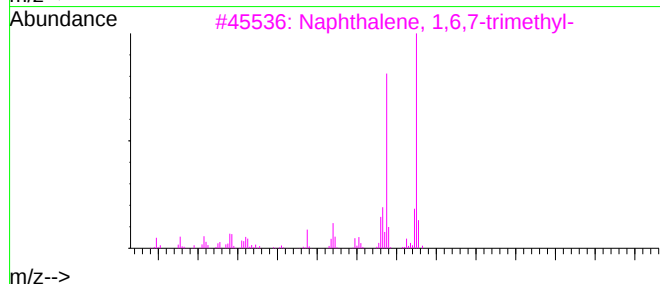
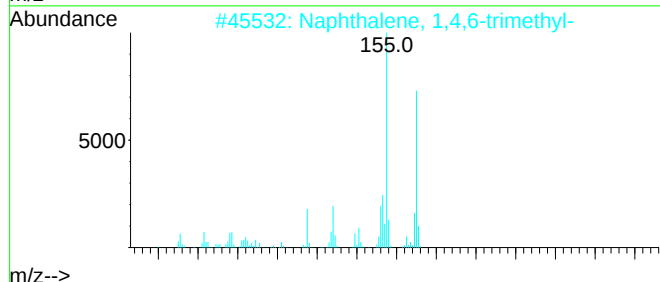
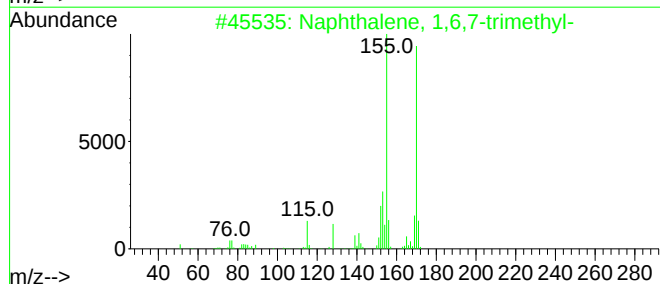
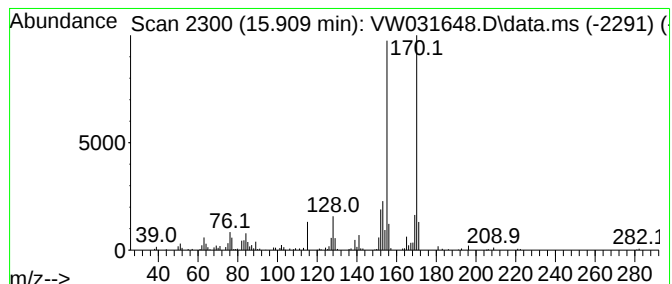
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.909	26.53 ug/L	274946	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031648.D
Acq On : 29 Jan 2025 17:57
Operator : SY/MD
Sample : Q1189-14
Misc : 14.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44R5

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

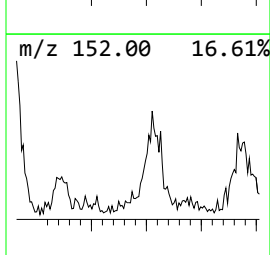
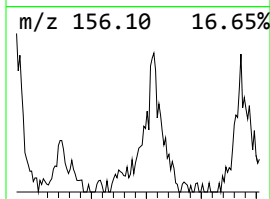
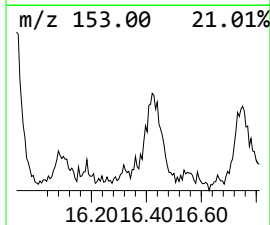
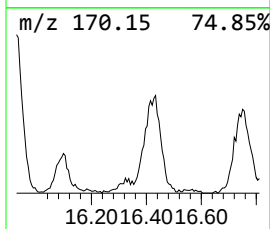
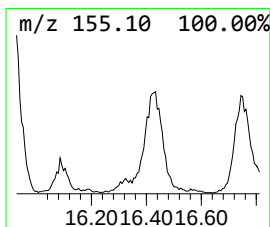
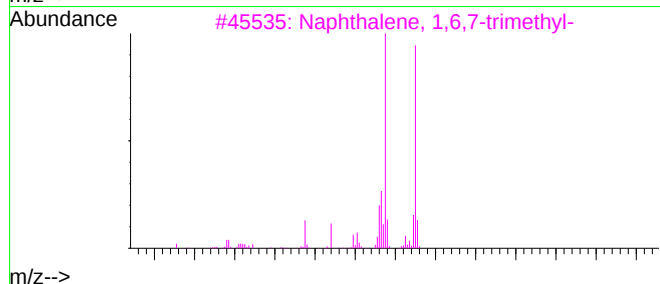
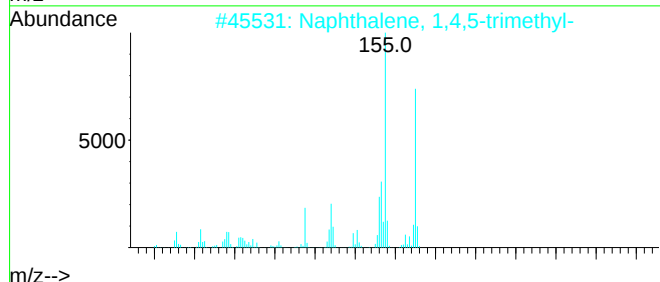
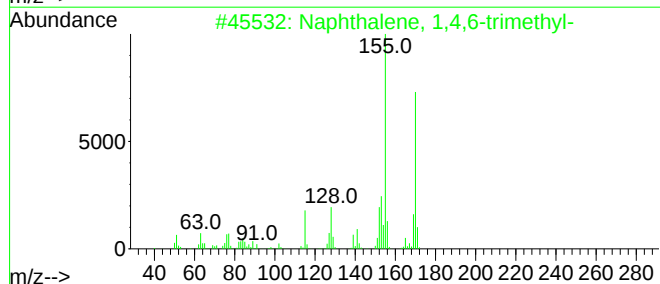
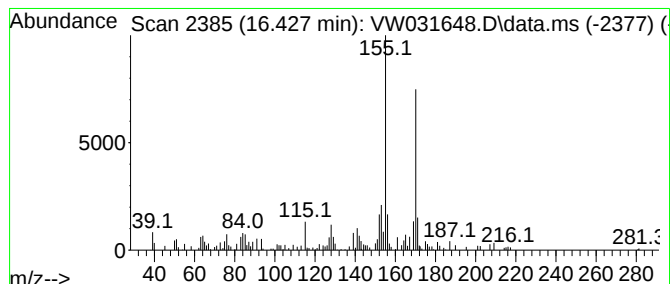
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,4,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.427	14.37 ug/L	148921	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031648.D
Acq On : 29 Jan 2025 17:57
Operator : SY/MD
Sample : Q1189-14
Misc : 14.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44R5

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

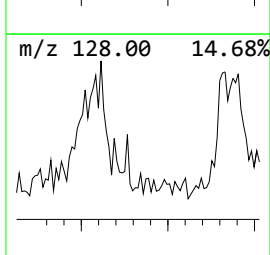
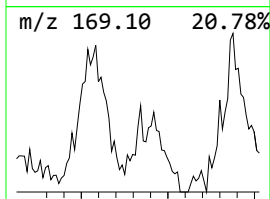
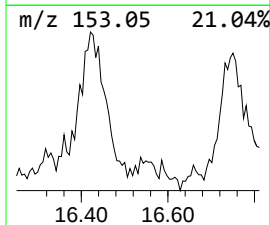
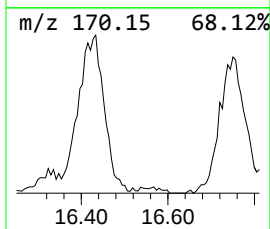
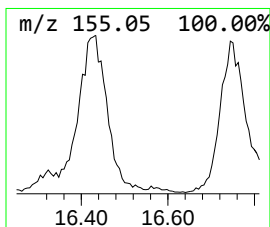
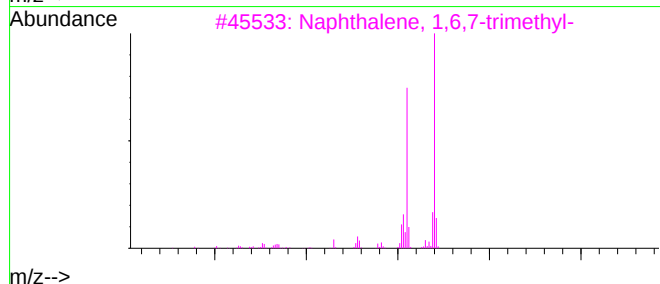
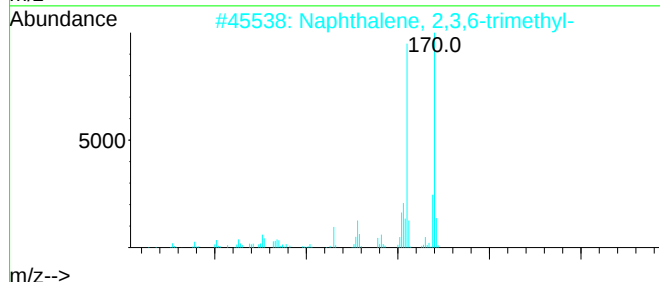
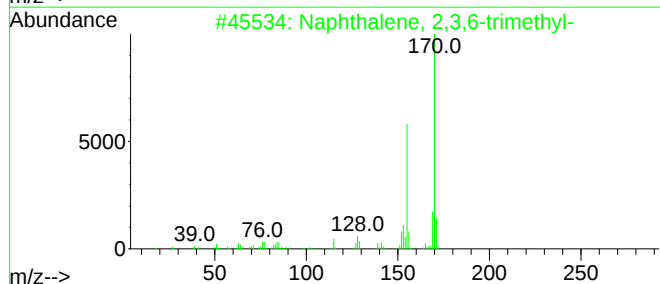
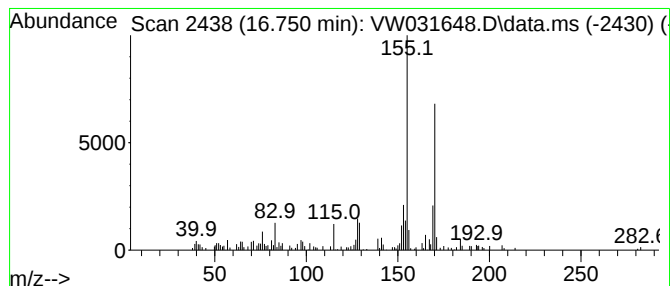
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.750	8.21 ug/L	85058	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031648.D
Acq On : 29 Jan 2025 17:57
Operator : SY/MD
Sample : Q1189-14
Misc : 14.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44R5

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
Hexanal	11.069	3.9	ug/L	118978	2	11.629	756102	25.0
Naphthalene, 2,...	13.263	28.3	ug/L	293629	3	13.550	259045	25.0
Naphthalene, 1,...	15.586	19.6	ug/L	202971	3	13.550	259045	25.0
Naphthalene, 1,...	15.909	26.5	ug/L	274946	3	13.550	259045	25.0
Naphthalene, 1,...	16.427	14.4	ug/L	148921	3	13.550	259045	25.0
Naphthalene, 2,...	16.750	8.2	ug/L	85058	3	13.550	259045	25.0