

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032395.D
 Acq On : 20 Oct 2025 17:29
 Operator : SY/MD
 Sample : Q3393-03
 Misc : 4.47g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S08-013038-20251017

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\82W100125S.M
 Title : SW846 8260

Signal : TIC: VW032395.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.991	15	17	36	rVB3	44041	103917	1.36%	0.076%
2	4.161	363	373	382	rBV	111343	321204	4.19%	0.234%
3	4.978	489	507	529	rBV	18898	128863	1.68%	0.094%
4	6.898	811	822	833	rBV2	30223	108213	1.41%	0.079%
5	7.197	860	871	883	rBV2	46654	145140	1.89%	0.106%
6	7.898	978	986	991	rBV2	223197	525603	6.86%	0.383%
7	7.959	991	996	1004	rVV	339974	801394	10.45%	0.584%
8	8.045	1004	1010	1022	rVB	129895	333025	4.34%	0.243%
9	8.166	1024	1030	1036	rVV	71405	163599	2.13%	0.119%
10	8.319	1048	1055	1066	rVB	230110	510827	6.66%	0.372%
11	8.441	1067	1075	1082	rBV3	124216	333824	4.35%	0.243%
12	8.520	1083	1088	1093	rVV2	82750	186855	2.44%	0.136%
13	8.587	1093	1099	1109	rVB2	162110	384390	5.01%	0.280%
14	8.849	1135	1142	1154	rBV	599931	1254964	16.37%	0.915%
15	9.154	1187	1192	1199	rVB	54063	104853	1.37%	0.076%
16	9.337	1210	1222	1227	rBV4	777967	2285482	29.81%	1.666%
17	9.392	1227	1231	1241	rVB	319252	643597	8.39%	0.469%
18	9.520	1249	1252	1257	rVB2	54861	84727	1.11%	0.062%
19	9.611	1258	1267	1278	rVB2	485260	1120534	14.61%	0.817%
20	9.758	1284	1291	1298	rBV2	561839	1147243	14.96%	0.836%
21	9.904	1310	1315	1319	rBV	250212	458016	5.97%	0.334%
22	9.947	1319	1322	1329	rVB	162304	280058	3.65%	0.204%
23	10.087	1338	1345	1348	rBV2	301180	626996	8.18%	0.457%
24	10.130	1349	1352	1359	rVB	231621	390709	5.10%	0.285%
25	10.215	1361	1366	1369	rBV3	177155	355684	4.64%	0.259%
26	10.325	1377	1384	1397	rBV2	2144865	4936166	64.38%	3.598%
27	10.447	1400	1404	1407	rVV	223932	389136	5.08%	0.284%
28	10.508	1407	1414	1420	rVB3	561321	1495768	19.51%	1.090%
29	10.623	1428	1433	1436	rBV	379247	645244	8.42%	0.470%
30	10.666	1436	1440	1448	rVB	614826	1113158	14.52%	0.811%
31	10.764	1450	1456	1460	rBV3	467628	1005072	13.11%	0.733%
32	10.849	1466	1470	1475	rVB	464839	743008	9.69%	0.542%
33	10.934	1475	1484	1490	rBV	1031345	1895532	24.72%	1.382%
34	11.038	1491	1501	1509	rBV	812526	2174780	28.36%	1.585%
35	11.111	1509	1513	1516	rVV2	398537	651557	8.50%	0.475%
36	11.178	1520	1524	1528	rVV	845135	1535887	20.03%	1.120%

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37	11.233	1528	1533	1538	rVV	2516835	4732866	61.73%	3.450%
38	11.282	1538	1541	1545	rVV2	385959	696387	9.08%	0.508%
39	11.337	1545	1550	1554	rVV2	1353643	2523187	32.91%	1.839%
40	11.379	1554	1557	1562	rVV2	462827	946637	12.35%	0.690%

41	11.434	1562	1566	1574	rVB	951085	1785246	23.28%	1.301%
42	11.507	1574	1578	1582	rBV2	252015	383640	5.00%	0.280%
43	11.629	1593	1598	1611	rVB	904827	1914132	24.96%	1.395%
44	11.763	1616	1620	1623	rBV	455328	708155	9.24%	0.516%
45	11.812	1623	1628	1633	rVV4	684909	1354774	17.67%	0.988%

46	11.873	1633	1638	1641	rVV	1121988	1928795	25.16%	1.406%
47	11.916	1642	1645	1650	rVB4	853703	1373347	17.91%	1.001%
48	11.971	1650	1654	1662	rBV3	480081	1196623	15.61%	0.872%
49	12.135	1674	1681	1687	rBV3	1589128	3628044	47.32%	2.645%
50	12.251	1693	1700	1704	rVB	2092892	3793226	49.47%	2.765%

51	12.361	1704	1718	1725	rBV4	2118894	7667301	100.00%	5.589%
52	12.538	1744	1747	1751	rVB3	623688	831103	10.84%	0.606%
53	12.617	1754	1760	1770	rVB3	1576336	3311796	43.19%	2.414%
54	12.775	1782	1786	1792	rVB2	1556042	2769900	36.13%	2.019%
55	12.855	1793	1799	1804	rBV5	757915	1816465	23.69%	1.324%

56	12.940	1805	1813	1818	rBV7	1481506	4622070	60.28%	3.369%
57	13.074	1831	1835	1839	rBV3	740950	1064675	13.89%	0.776%
58	13.123	1840	1843	1845	rVV3	459862	636243	8.30%	0.464%
59	13.159	1845	1849	1856	rVB	2518394	3964025	51.70%	2.890%
60	13.257	1863	1865	1867	rBV3	251728	312529	4.08%	0.228%

61	13.288	1867	1870	1874	rVV	643800	906301	11.82%	0.661%
62	13.342	1875	1879	1882	rVV	737664	1027618	13.40%	0.749%
63	13.446	1891	1896	1899	rBV3	956177	1609459	20.99%	1.173%
64	13.476	1899	1901	1905	rVB2	704396	869766	11.34%	0.634%
65	13.556	1911	1914	1922	rVB2	1104106	2215447	28.89%	1.615%

66	13.696	1932	1937	1940	rBV3	1168019	2294785	29.93%	1.673%
67	13.873	1961	1966	1970	rBV4	1703144	3232312	42.16%	2.356%
68	13.976	1980	1983	1986	rBV4	519492	744657	9.71%	0.543%
69	14.025	1986	1991	1994	rBV3	773695	1534323	20.01%	1.118%
70	14.129	2005	2008	2013	rVB	1426581	2112707	27.55%	1.540%

71	14.190	2014	2018	2022	rBV5	639550	1112379	14.51%	0.811%
72	14.257	2026	2029	2035	rVB4	979179	1687854	22.01%	1.230%
73	14.379	2046	2049	2054	rVB2	2235093	3473164	45.30%	2.532%
74	14.489	2064	2067	2070	rBV4	451204	542100	7.07%	0.395%
75	14.543	2073	2076	2081	rVB3	1127111	1694120	22.10%	1.235%

76	14.653	2091	2094	2097	rBV2	475197	637909	8.32%	0.465%
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77	14.732	2104	2107	2112	rBV4	544788	916263	11.95%	0.668%
78	14.793	2113	2117	2119	rVV2	1344876	2147832	28.01%	1.566%
79	14.830	2119	2123	2131	rVB	3511035	6739911	87.90%	4.913%
80	15.318	2198	2203	2210	rVB	3657904	6200635	80.87%	4.520%
81	15.391	2211	2215	2219	rBV4	617264	1276473	16.65%	0.930%
82	15.561	2239	2243	2249	rVB3	826383	1724656	22.49%	1.257%
83	15.720	2265	2269	2278	rVB4	2113124	4535061	59.15%	3.306%
84	16.275	2355	2360	2368	rVB	2266604	4600113	60.00%	3.353%

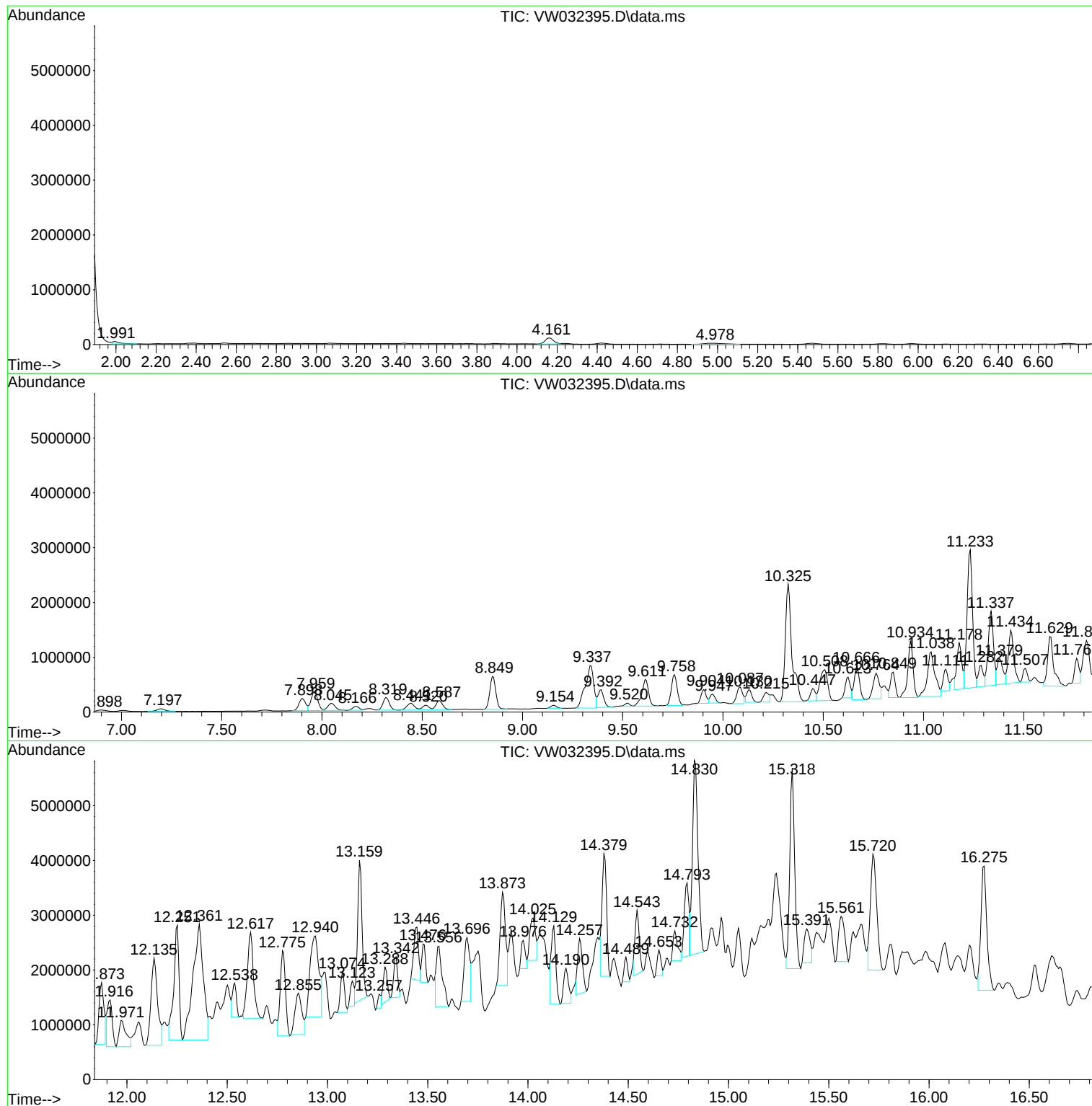
Sum of corrected areas: 137182036

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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



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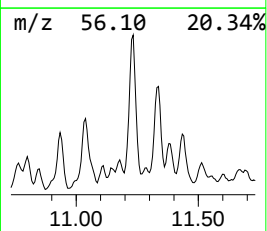
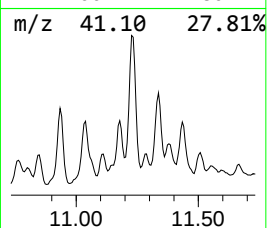
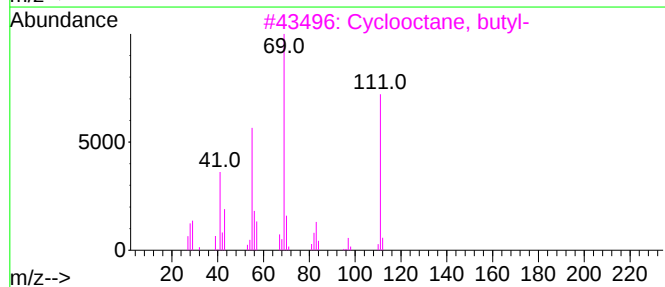
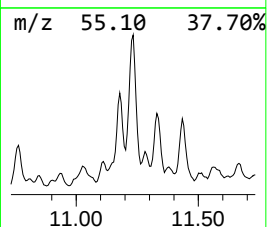
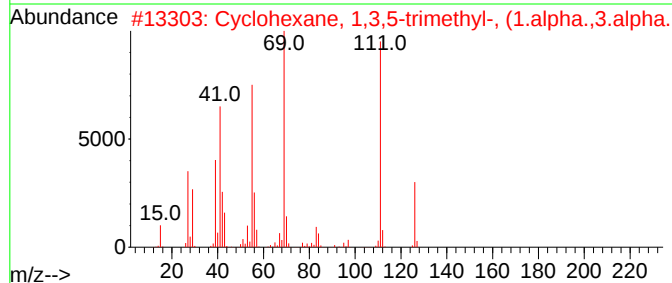
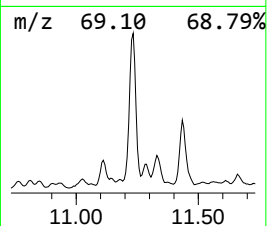
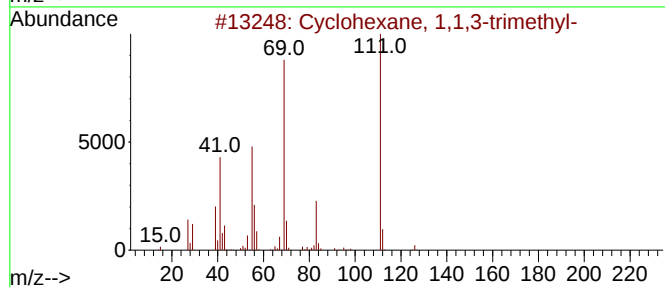
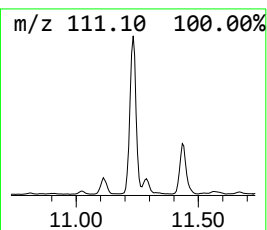
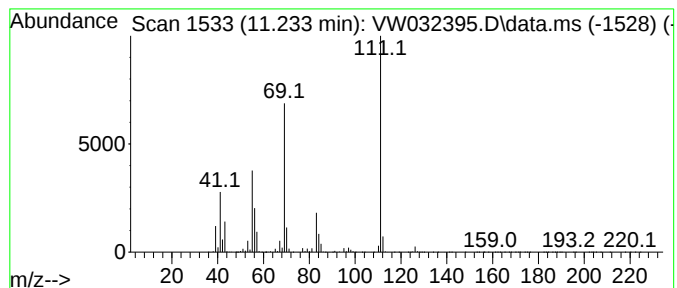
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	123.63 ug/l	4732870	Chlorobenzene-d5	11.635

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	64
3			Cyclooctane, butyl-	168	C12H24	016538-93-5	56
4			Benzenamine, 3-fluoro-	111	C6H6FN	000372-19-0	53
5			p-Fluoroaniline	111	C6H6FN	000371-40-4	53



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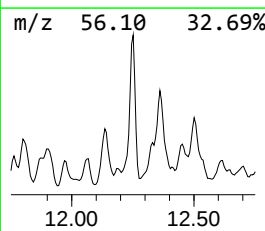
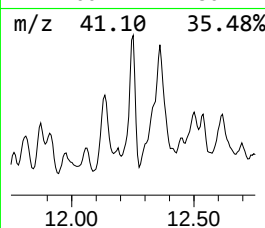
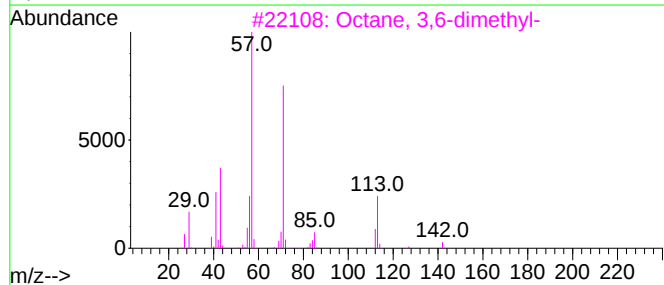
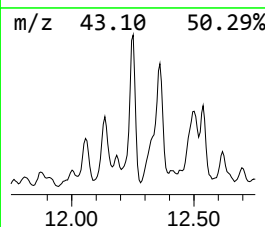
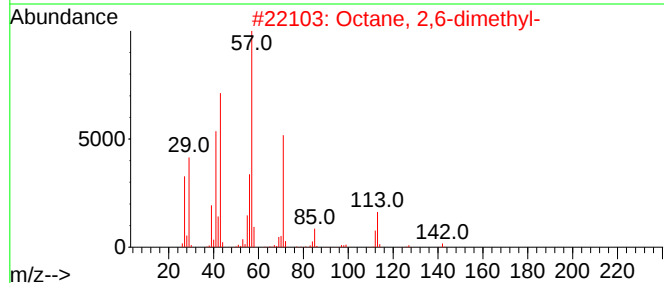
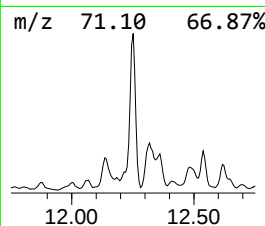
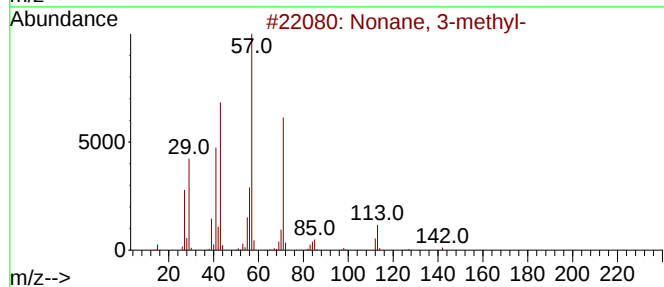
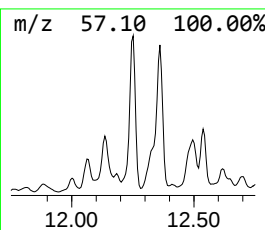
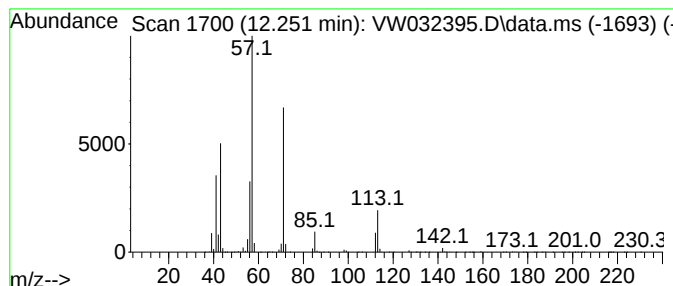
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	99.08 ug/l	3793230	Chlorobenzene-d5	11.635

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59



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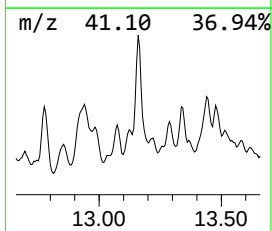
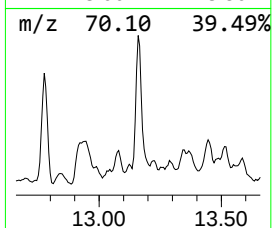
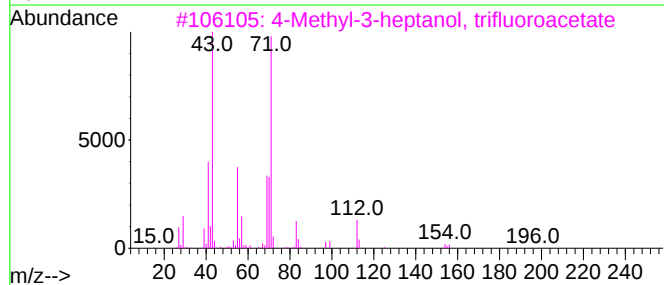
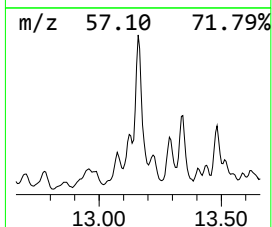
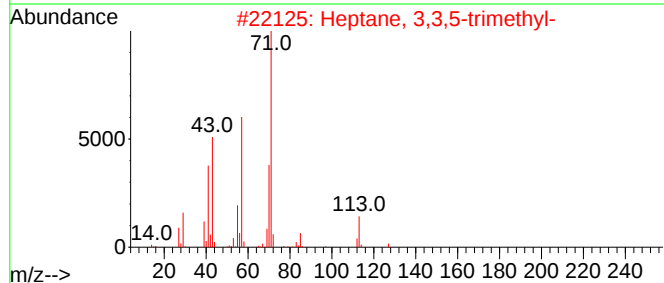
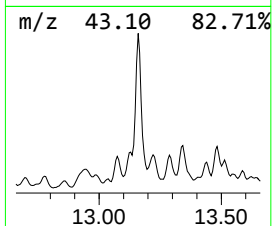
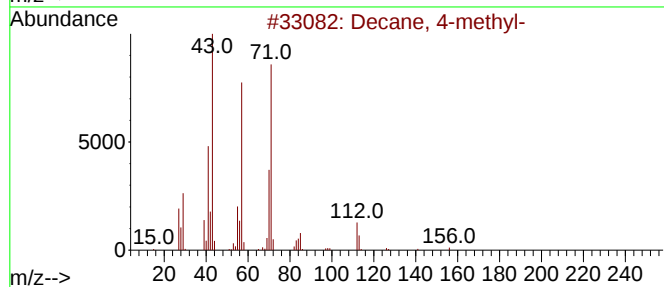
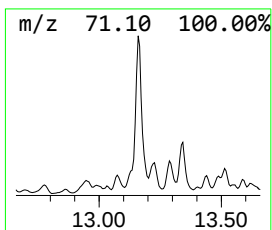
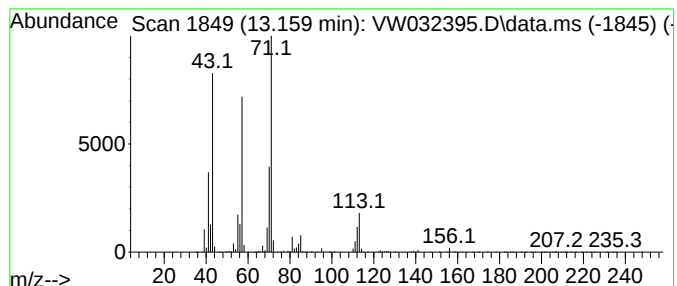
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 6 Decane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	89.46 ug/l	3964030	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	86
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	72
4			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
5			1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	59



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ClientSampleId :
PR132-S08-013038-20251017

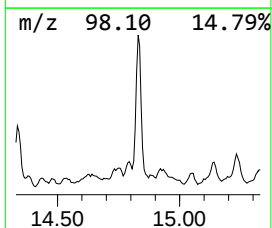
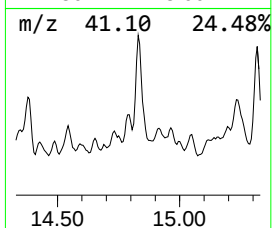
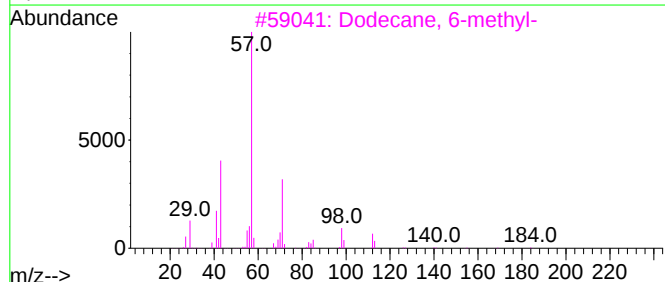
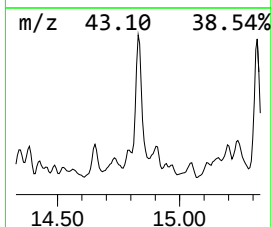
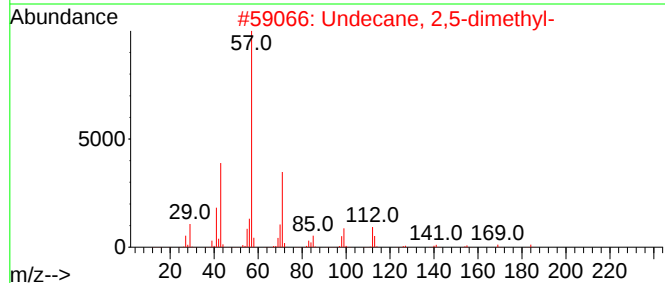
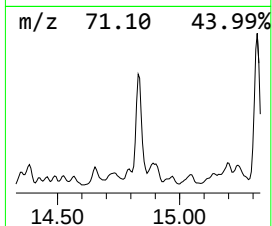
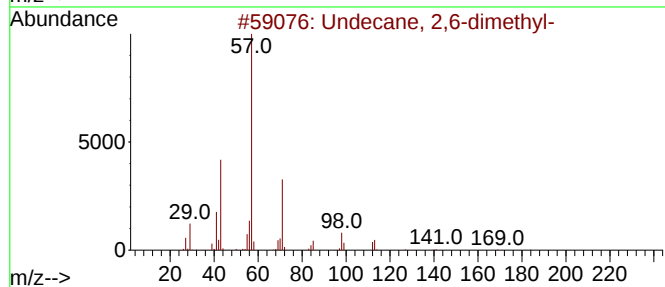
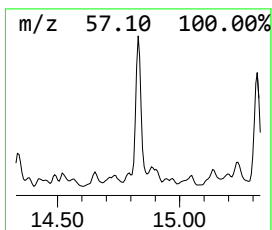
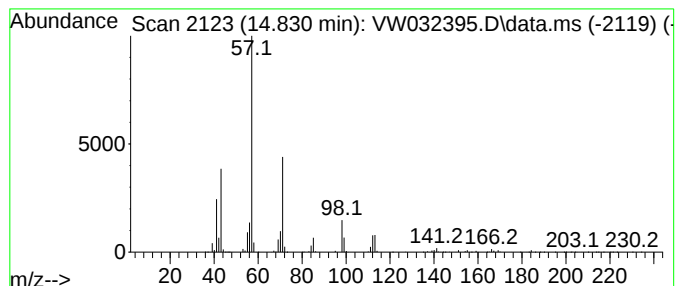
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Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	152.11 ug/l	6739910	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	93
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032395.D
Acq On : 20 Oct 2025 17:29
Operator : SY/MD
Sample : Q3393-03
Misc : 4.47g/5mL/MSVOA_W/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S08-013038-20251017

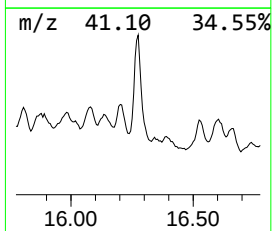
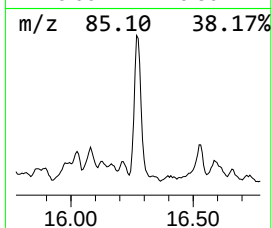
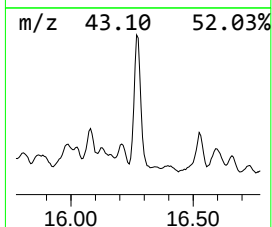
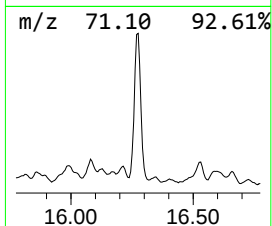
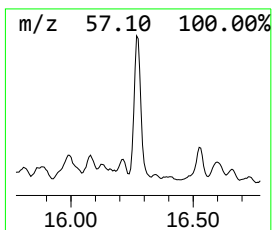
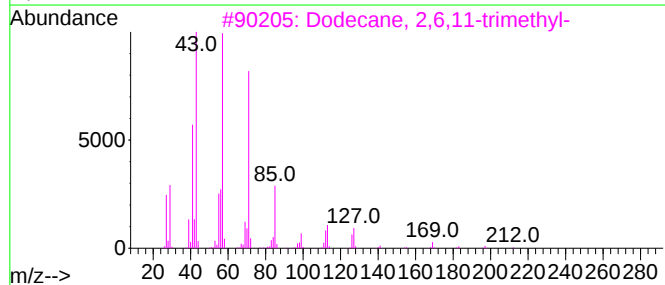
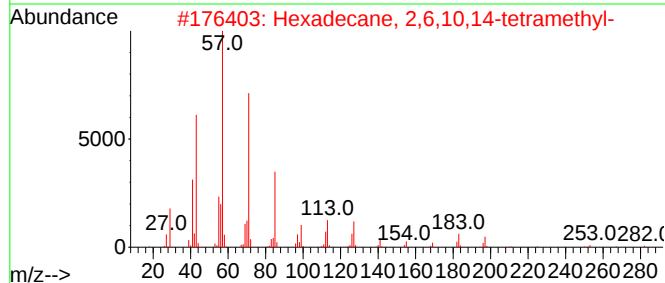
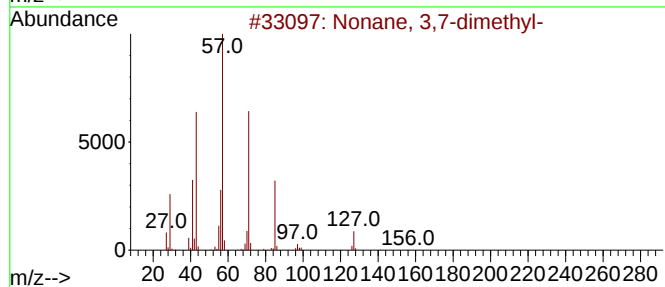
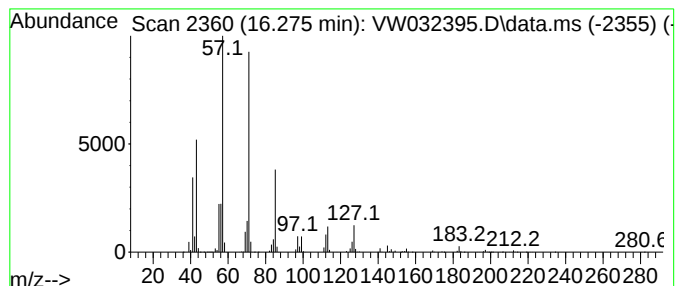
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Quant Title : SW846 8260

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

Peak Number 10 Nonane, 3,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	103.82 ug/l	4600110	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032395.D
Acq On : 20 Oct 2025 17:29
Operator : SY/MD
Sample : Q3393-03
Misc : 4.47g/5mL/MSVOA_W/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S08-013038-20251017

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1,...	11.233	123.6	ug/l	4732870	3	11.635	1914130	50.0
Nonane, 3-methyl-	12.251	99.1	ug/l	3793230	3	11.635	1914130	50.0
Decane, 4-methyl-	13.160	89.5	ug/l	3964030	4	13.556	2215450	50.0
Undecane, 2,6-d...	14.830	152.1	ug/l	6739910	4	13.556	2215450	50.0
Nonane, 3,7-dim...	16.275	103.8	ug/l	4600110	4	13.556	2215450	50.0