

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032394.D
 Acq On : 20 Oct 2025 17:08
 Operator : SY/MD
 Sample : Q3393-02
 Misc : 4.91g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S10-022047-20251017

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: VW032394.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	37	rVB3	51274	144792	2.21%	0.128%
2	4.161	363	373	384	rBV	111341	328468	5.02%	0.291%
3	4.423	405	416	426	rBV2	23491	76415	1.17%	0.068%
4	4.960	491	504	525	rBV9	15799	103035	1.57%	0.091%
5	6.898	810	822	833	rBV3	24839	91052	1.39%	0.081%
6	7.191	859	870	881	rBV2	59743	175755	2.69%	0.155%
7	7.904	974	987	991	rBV	236918	583361	8.92%	0.516%
8	7.959	991	996	1004	rVV	342325	789103	12.06%	0.698%
9	8.051	1004	1011	1021	rVB2	99033	257897	3.94%	0.228%
10	8.166	1023	1030	1036	rBV2	37874	89770	1.37%	0.079%
11	8.233	1036	1041	1048	rVB2	30932	67526	1.03%	0.060%
12	8.319	1048	1055	1065	rVB	253179	562878	8.60%	0.498%
13	8.441	1067	1075	1080	rBV4	58483	163260	2.50%	0.144%
14	8.587	1092	1099	1109	rVB	122096	288354	4.41%	0.255%
15	8.849	1134	1142	1153	rBV	580805	1221444	18.67%	1.081%
16	9.081	1173	1180	1187	rBV	71459	169841	2.60%	0.150%
17	9.154	1187	1192	1203	rVB2	45040	102341	1.56%	0.091%
18	9.337	1209	1222	1227	rBV3	477660	1548690	23.67%	1.370%
19	9.392	1227	1231	1240	rVB	261503	514771	7.87%	0.455%
20	9.611	1257	1267	1276	rBV2	362812	898190	13.73%	0.795%
21	9.758	1284	1291	1301	rBV2	291595	622045	9.51%	0.550%
22	9.904	1309	1315	1318	rBV	109157	209753	3.21%	0.186%
23	9.947	1318	1322	1337	rVB	163646	368834	5.64%	0.326%
24	10.081	1338	1344	1350	rBV2	270014	599690	9.17%	0.531%
25	10.215	1360	1366	1368	rBV3	151408	275103	4.20%	0.243%
26	10.251	1369	1372	1378	rVV2	197625	331995	5.07%	0.294%
27	10.325	1378	1384	1396	rVV	1240006	2537181	38.78%	2.244%
28	10.507	1407	1414	1423	rVB3	346100	858675	13.12%	0.760%
29	10.623	1426	1433	1437	rBV2	363797	721778	11.03%	0.639%
30	10.666	1437	1440	1449	rVB	354029	596659	9.12%	0.528%
31	10.764	1449	1456	1460	rBV3	349553	782397	11.96%	0.692%
32	10.849	1466	1470	1475	rVB	313487	508750	7.78%	0.450%
33	10.934	1475	1484	1491	rBV	1298853	2341270	35.78%	2.071%
34	11.038	1493	1501	1509	rBV	879359	2002178	30.60%	1.771%
35	11.111	1509	1513	1517	rVV	324278	570932	8.73%	0.505%
36	11.178	1521	1524	1527	rVV	211529	353337	5.40%	0.313%

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

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37	11.233	1527	1533	1538	rVV	1357338	2735841	41.81%	2.420%
38	11.282	1538	1541	1545	rVV2	367507	644139	9.84%	0.570%
39	11.337	1545	1550	1554	rVV2	631494	1215142	18.57%	1.075%
40	11.379	1554	1557	1562	rVV2	315005	577536	8.83%	0.511%
41	11.434	1562	1566	1574	rVB	488696	946274	14.46%	0.837%
42	11.507	1574	1578	1581	rBV2	121807	196008	3.00%	0.173%
43	11.629	1593	1598	1607	rVB	873502	1597147	24.41%	1.413%
44	11.763	1616	1620	1624	rBV	363892	541451	8.28%	0.479%
45	11.818	1624	1629	1633	rBV3	404014	721840	11.03%	0.639%
46	11.873	1633	1638	1642	rBV	646998	1227957	18.77%	1.086%
47	11.977	1650	1655	1662	rBV3	386934	1119034	17.10%	0.990%
48	12.062	1666	1669	1673	rVB2	392207	605210	9.25%	0.535%
49	12.135	1673	1681	1687	rBV2	1484408	3511308	53.67%	3.106%
50	12.251	1692	1700	1704	rVB	2207233	3930468	60.07%	3.477%
51	12.361	1704	1718	1724	rBV4	1821776	5918065	90.45%	5.235%
52	12.446	1729	1732	1736	rVV4	270287	410166	6.27%	0.363%
53	12.617	1754	1760	1765	rVB	1244516	2130350	32.56%	1.885%
54	12.696	1770	1773	1777	rVB4	291712	465227	7.11%	0.412%
55	12.775	1782	1786	1792	rVB2	1445658	2561598	39.15%	2.266%
56	12.855	1792	1799	1804	rBV6	807820	2002023	30.60%	1.771%
57	12.934	1805	1812	1818	rBV7	994611	2947616	45.05%	2.608%
58	13.074	1826	1835	1839	rBV3	855210	2372109	36.25%	2.098%
59	13.123	1839	1843	1846	rVV	1299858	2076332	31.73%	1.837%
60	13.159	1846	1849	1855	rVB	1998579	3066423	46.87%	2.713%
61	13.287	1862	1870	1874	rBV3	954885	2306023	35.24%	2.040%
62	13.336	1875	1878	1882	rVB	645200	983508	15.03%	0.870%
63	13.476	1899	1901	1906	rVB4	570024	743309	11.36%	0.658%
64	13.556	1910	1914	1922	rVB	985416	2053157	31.38%	1.816%
65	13.690	1932	1936	1940	rBV	767574	1304301	19.93%	1.154%
66	13.873	1961	1966	1970	rBV3	1621555	2913328	44.53%	2.577%
67	13.976	1980	1983	1986	rBV4	449112	598852	9.15%	0.530%
68	14.129	2005	2008	2013	rVB	1143547	1701844	26.01%	1.506%
69	14.190	2014	2018	2022	rBV3	572581	1003111	15.33%	0.887%
70	14.257	2025	2029	2035	rVB4	824920	1466539	22.41%	1.297%
71	14.379	2045	2049	2054	rVB3	1826197	2672718	40.85%	2.364%
72	14.543	2073	2076	2081	rVB3	1188841	1703679	26.04%	1.507%
73	14.732	2104	2107	2112	rBV5	457771	788110	12.05%	0.697%
74	14.793	2113	2117	2119	rVV3	1090696	1729947	26.44%	1.530%
75	14.830	2119	2123	2130	rVB	3629495	6542856	100.00%	5.788%
76	15.318	2198	2203	2210	rVB	3828679	6424815	98.20%	5.684%

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Title : SW846 8260

77	15.391	2211	2215	2220	rBV6	718863	1442010	22.04%	1.276%
78	15.622	2250	2253	2255	rBV3	493650	747300	11.42%	0.661%
79	15.720	2265	2269	2277	rVB5	1781266	3715521	56.79%	3.287%
80	16.208	2345	2349	2354	rVB2	923608	1606595	24.55%	1.421%
81	16.275	2355	2360	2368	rVB	2609788	5217167	79.74%	4.615%

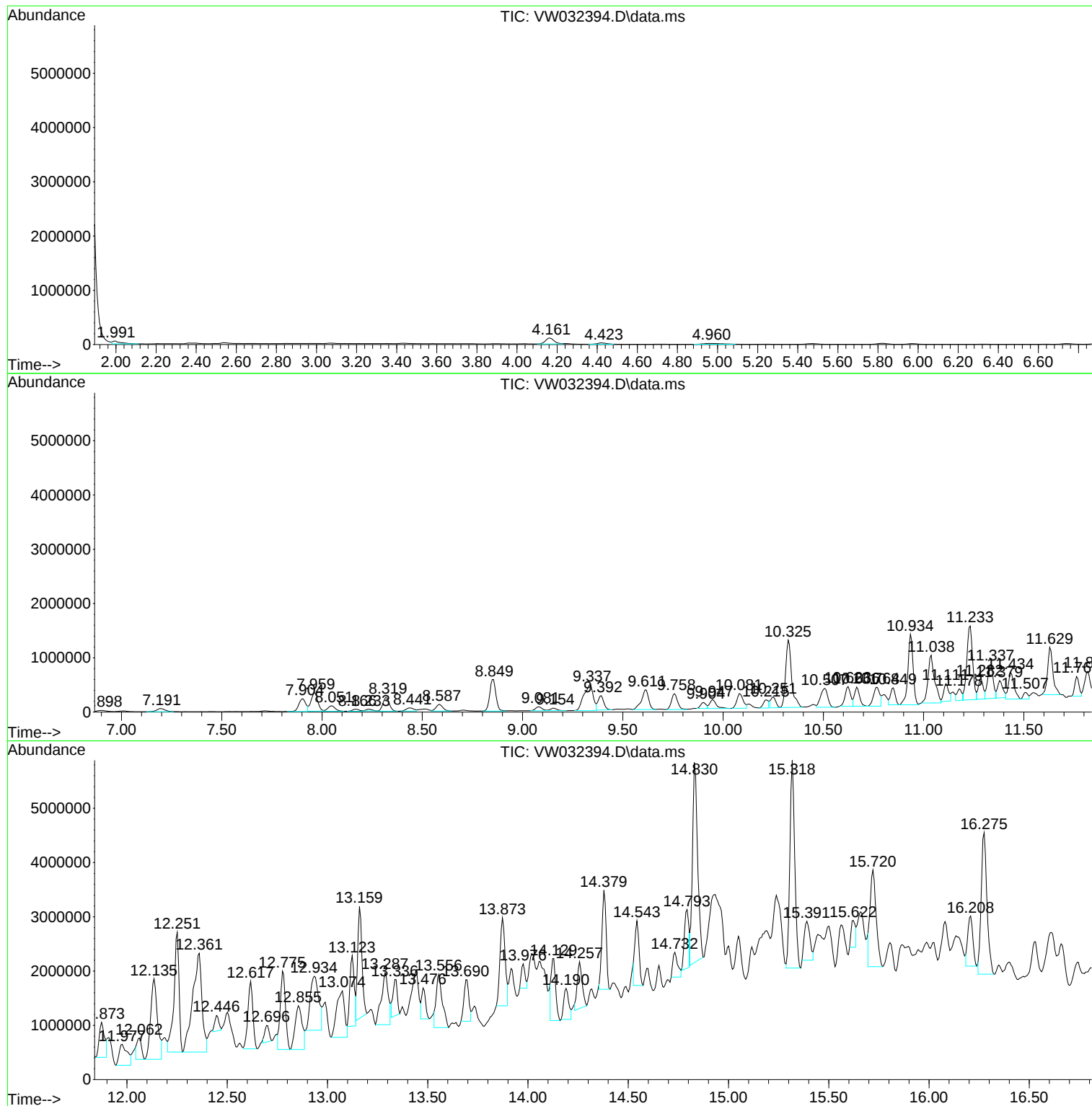
Sum of corrected areas: 113041474

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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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Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-022047-20251017

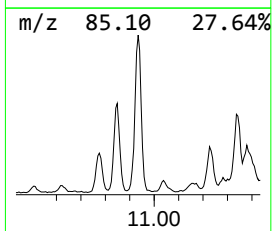
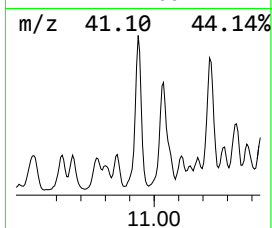
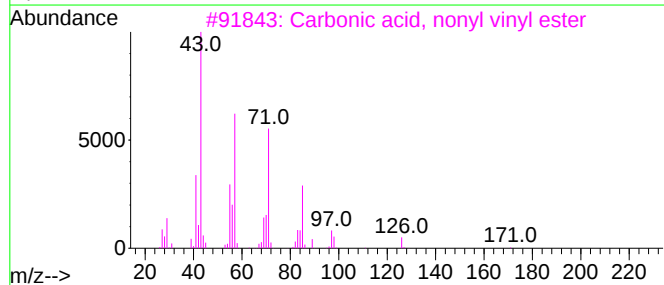
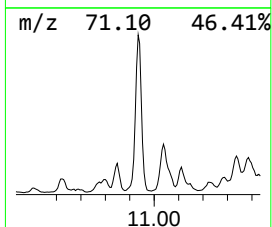
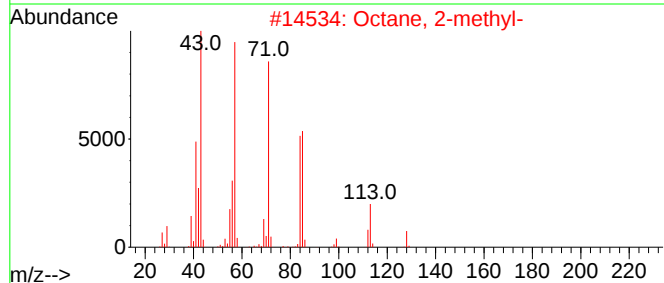
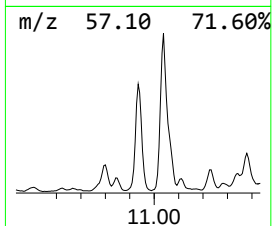
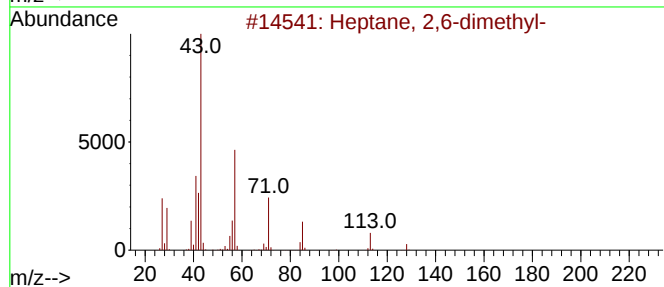
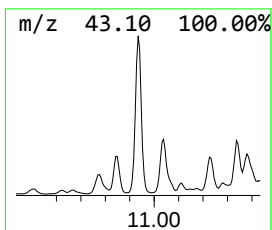
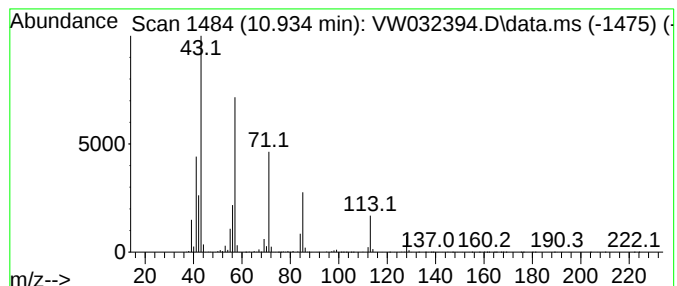
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.934	73.30 ug/l	2341270	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	94
2			Octane, 2-methyl-	128	C9H20	003221-61-2	91
3			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	64
4			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59
5			Nonane	128	C9H20	000111-84-2	58



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ALS Vial : 19 Sample Multiplier: 1

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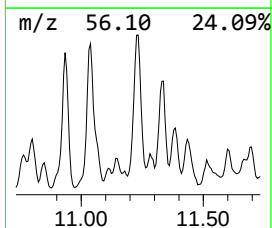
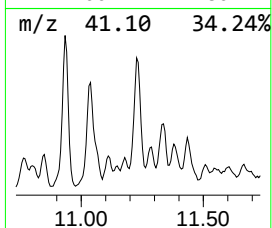
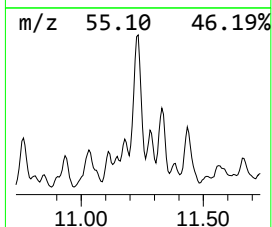
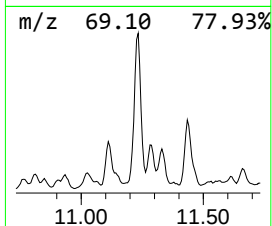
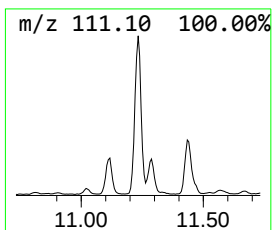
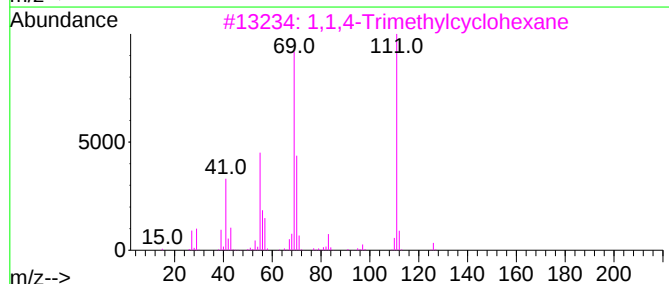
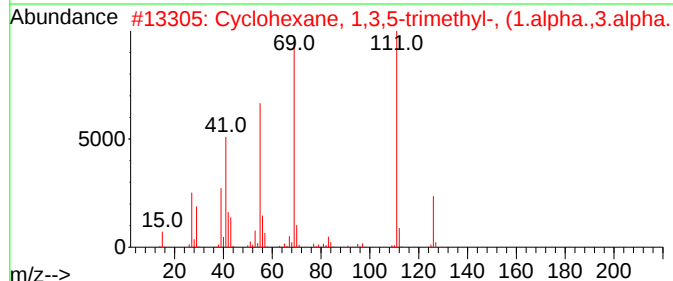
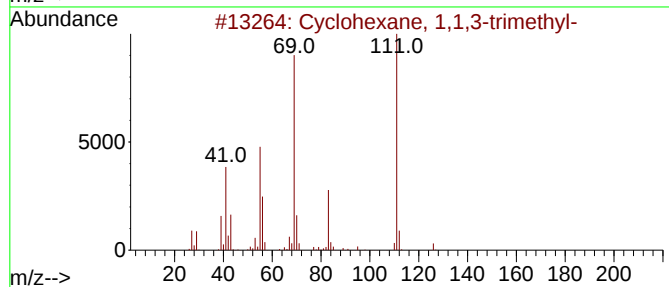
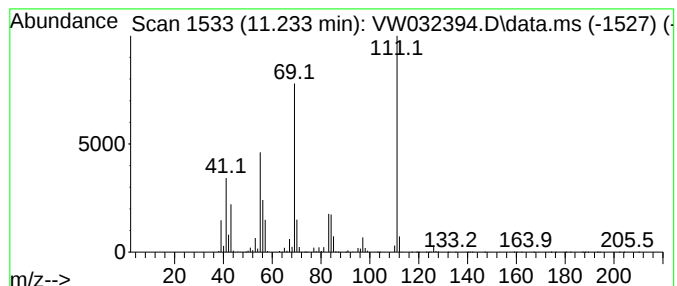
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	85.65 ug/l	2735840	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	64
3			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64
4			Cyclooctane, butyl-	168	C12H24	016538-93-5	59
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	53



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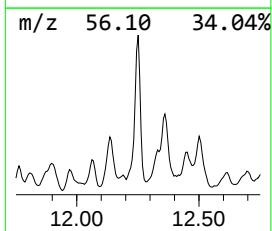
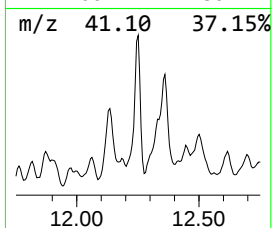
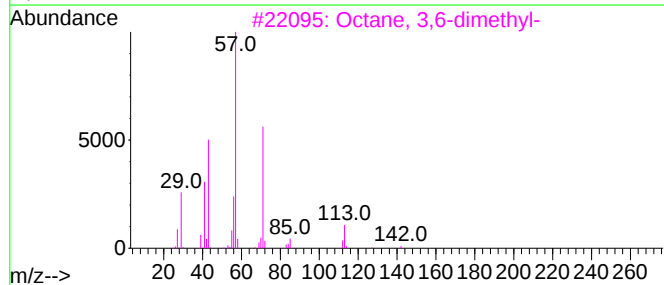
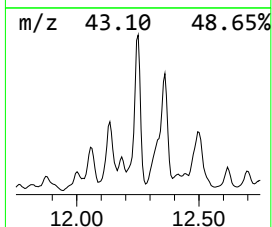
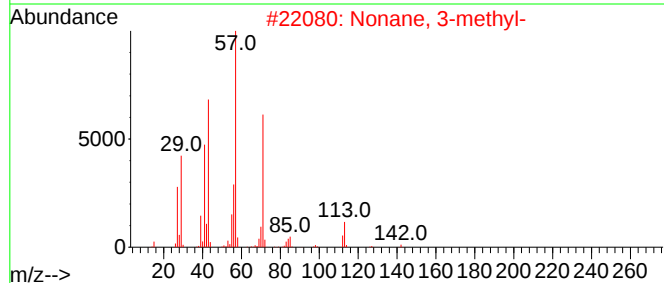
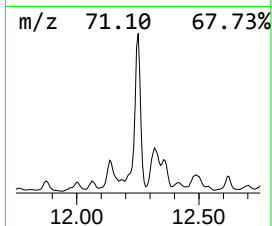
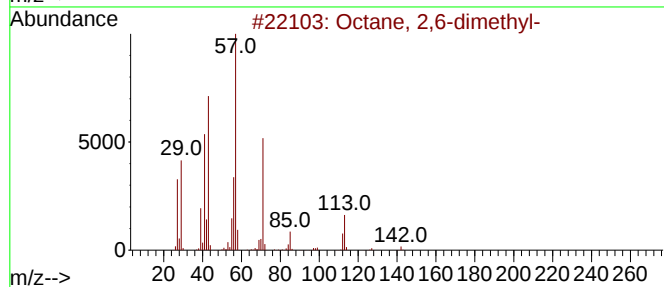
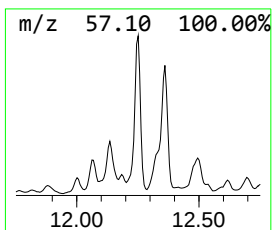
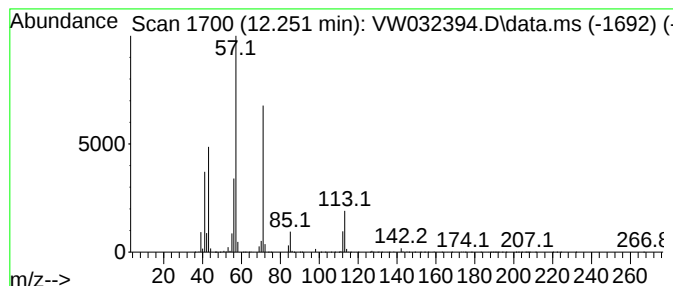
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Quant Title : SW846 8260

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

Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	123.05 ug/l	3930470	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4			Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	64
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59



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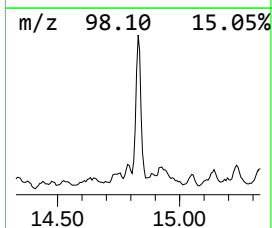
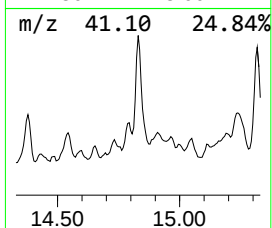
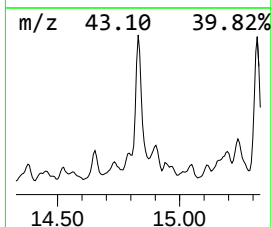
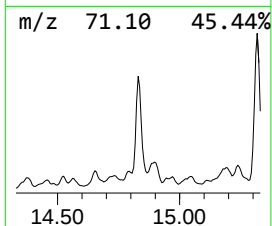
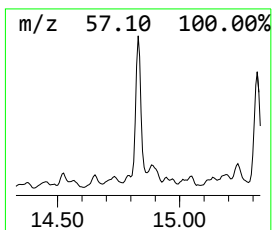
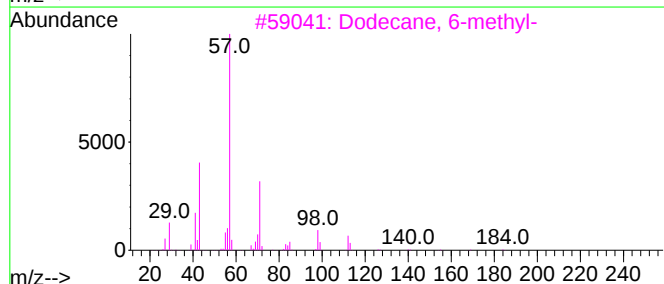
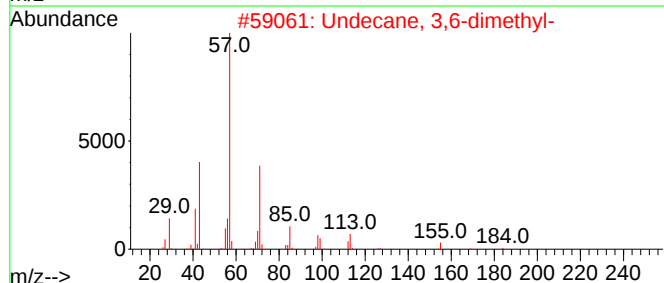
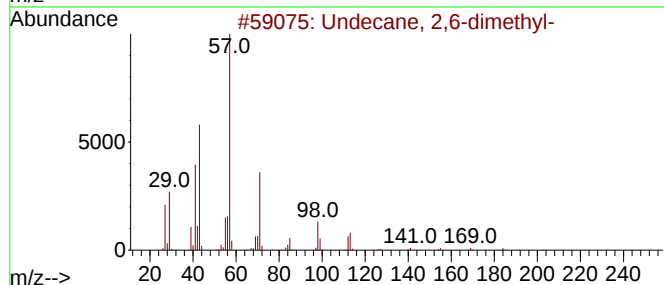
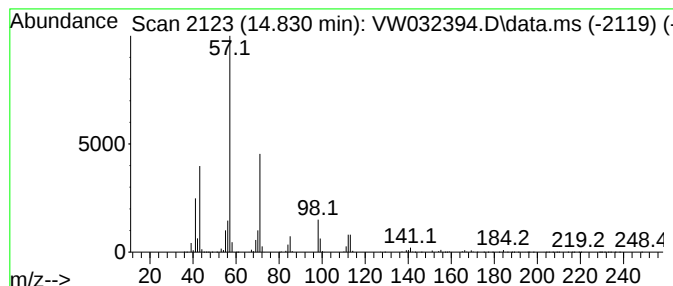
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Quant Title : SW846 8260

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	159.34 ug/l	6542860	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	91
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	80
5			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032394.D
Acq On : 20 Oct 2025 17:08
Operator : SY/MD
Sample : Q3393-02
Misc : 4.91g/5mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-022047-20251017

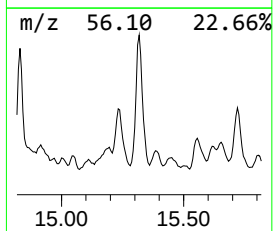
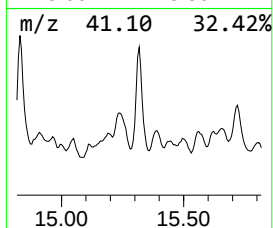
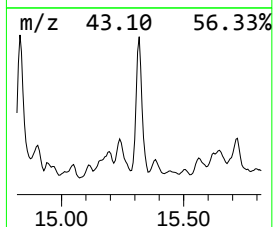
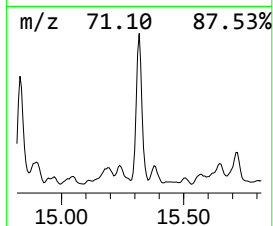
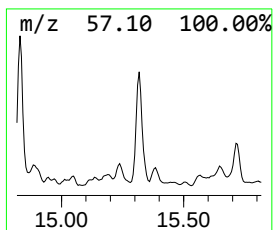
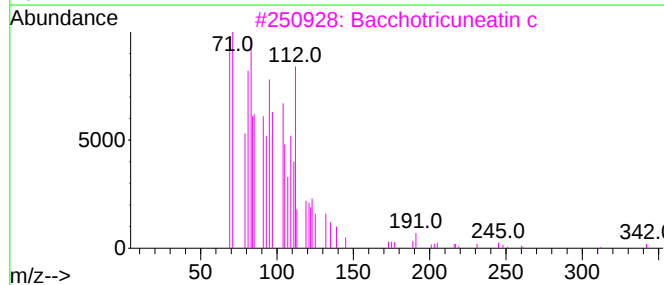
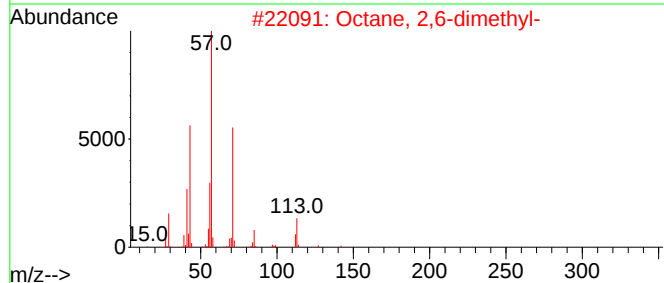
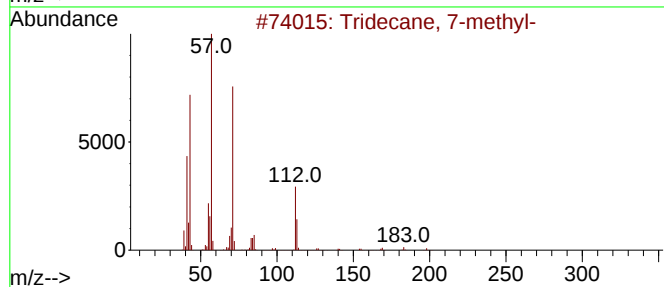
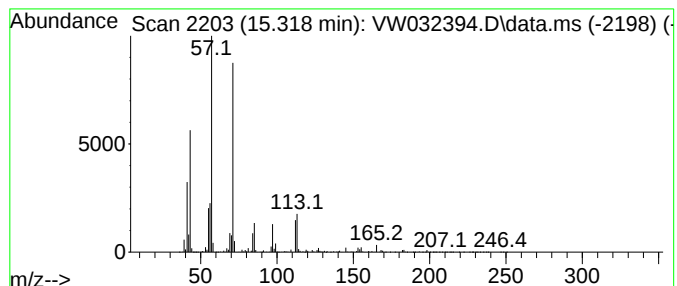
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Quant Title : SW846 8260

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

Peak Number 8 Tridecane, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	156.46 ug/l	6424820	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	87
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
4			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
5			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032394.D
Acq On : 20 Oct 2025 17:08
Operator : SY/MD
Sample : Q3393-02
Misc : 4.91g/5mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-022047-20251017

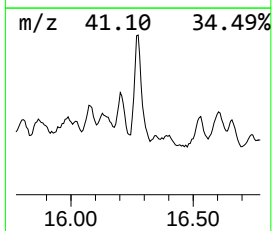
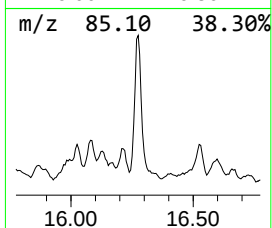
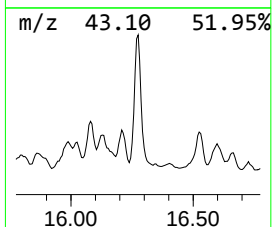
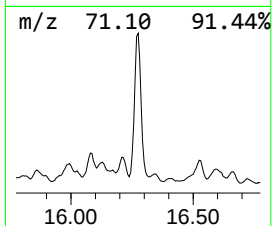
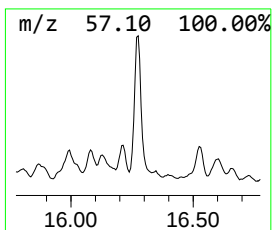
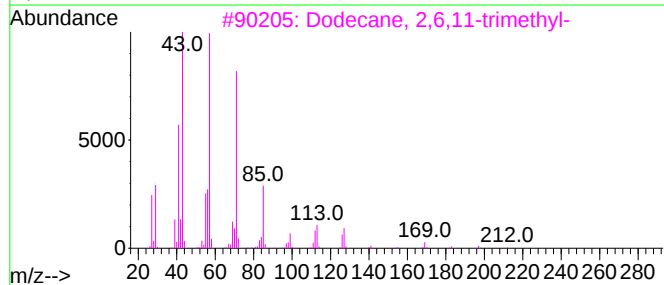
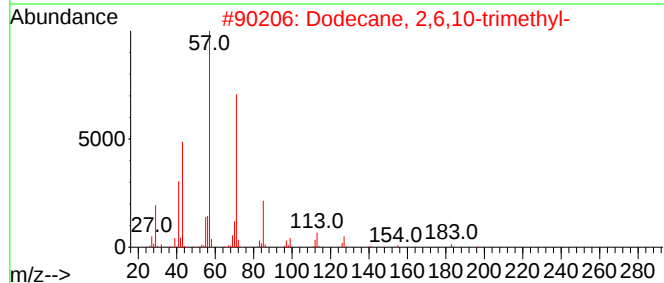
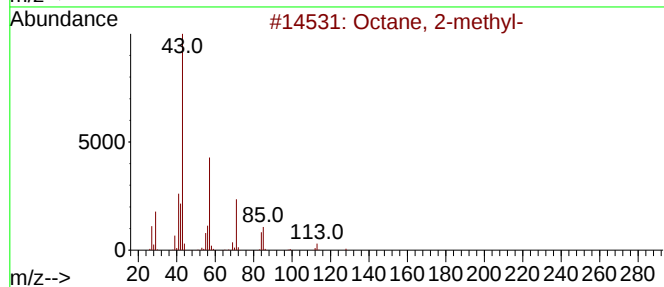
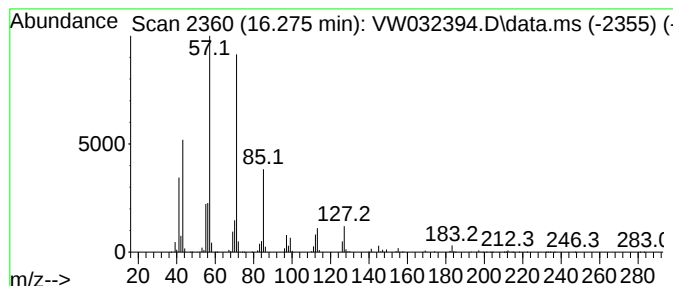
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Quant Title : SW846 8260

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

Peak Number 10 Octane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	127.05 ug/l	5217170	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	87
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032394.D
Acq On : 20 Oct 2025 17:08
Operator : SY/MD
Sample : Q3393-02
Misc : 4.91g/5mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-022047-20251017

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
Heptane, 2,6-di...	10.934	73.3	ug/l	2341270	3	11.629	1597150	50.0
Cyclohexane, 1,...	11.233	85.7	ug/l	2735840	3	11.629	1597150	50.0
Octane, 2,6-dim...	12.251	123.1	ug/l	3930470	3	11.629	1597150	50.0
Undecane, 2,6-d...	14.830	159.3	ug/l	6542860	4	13.556	2053160	50.0
Tridecane, 7-me...	15.318	156.5	ug/l	6424820	4	13.556	2053160	50.0
Octane, 2-methyl-	16.275	127.1	ug/l	5217170	4	13.556	2053160	50.0