

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032385.D
 Acq On : 20 Oct 2025 13:50
 Operator : SY/MD
 Sample : Q3375-03
 Misc : 5.09g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S05-000057-20251016

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: VW032385.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.161	364	373	383	rBV	69793	202774	5.23%	0.342%
2	4.423	405	416	429	rVB2	21845	69546	1.79%	0.117%
3	4.966	489	505	521	rBV7	18856	100706	2.60%	0.170%
4	5.472	578	588	600	rBV3	12603	44389	1.14%	0.075%
5	6.893	809	821	831	rBV4	19858	71293	1.84%	0.120%
6	7.008	831	840	855	rVB3	17142	57705	1.49%	0.097%
7	7.191	860	870	883	rBV3	35558	112573	2.90%	0.190%
8	7.898	972	986	991	rBV	221246	537758	13.87%	0.907%
9	7.965	991	997	1004	rVV2	293456	677666	17.48%	1.143%
10	8.045	1004	1010	1024	rVB	64009	165872	4.28%	0.280%
11	8.173	1024	1031	1035	rBV3	17979	39464	1.02%	0.067%
12	8.319	1047	1055	1066	rVV2	252410	597995	15.42%	1.008%
13	8.490	1066	1083	1093	rVV2	235908	767830	19.80%	1.295%
14	8.587	1093	1099	1107	rVB2	48531	116664	3.01%	0.197%
15	8.849	1131	1142	1157	rBV	520356	1064978	27.47%	1.796%
16	9.081	1172	1180	1186	rBV	85223	192805	4.97%	0.325%
17	9.148	1187	1191	1199	rVB	21411	47065	1.21%	0.079%
18	9.337	1207	1222	1227	rBV3	342603	932853	24.06%	1.573%
19	9.392	1227	1231	1239	rVB	167978	315890	8.15%	0.533%
20	9.471	1239	1244	1249	rBV	22168	50303	1.30%	0.085%
21	9.612	1258	1267	1274	rVB2	116445	294327	7.59%	0.496%
22	9.764	1284	1292	1304	rVB	266864	555258	14.32%	0.936%
23	9.898	1304	1314	1319	rBV2	263607	562253	14.50%	0.948%
24	9.947	1319	1322	1328	rVB	70691	118108	3.05%	0.199%
25	10.081	1337	1344	1349	rBV	100513	204028	5.26%	0.344%
26	10.136	1349	1353	1360	rVB4	27364	65707	1.69%	0.111%
27	10.252	1360	1372	1378	rBV2	280155	587752	15.16%	0.991%
28	10.325	1378	1384	1398	rVB	1068217	2011499	51.88%	3.391%
29	10.447	1399	1404	1407	rBV3	31998	57407	1.48%	0.097%
30	10.496	1407	1412	1423	rVB6	110492	324473	8.37%	0.547%
31	10.624	1423	1433	1436	rBV	108029	233317	6.02%	0.393%
32	10.666	1436	1440	1448	rVB	98426	185552	4.79%	0.313%
33	10.770	1448	1457	1461	rBV3	143958	329475	8.50%	0.555%
34	10.849	1466	1470	1474	rVB2	84725	140779	3.63%	0.237%
35	10.934	1474	1484	1491	rBV	371443	728130	18.78%	1.228%
36	11.038	1491	1501	1509	rBV2	422107	1001418	25.83%	1.688%

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37	11.111	1509	1513	1516	rBV2	99044	159587	4.12%	0.269%
38	11.178	1520	1524	1527	rBV	107691	150247	3.88%	0.253%
39	11.227	1527	1532	1538	rVB2	447163	795586	20.52%	1.341%
40	11.282	1538	1541	1545	rVB2	108397	149439	3.85%	0.252%
41	11.331	1545	1549	1554	rVB3	150918	233358	6.02%	0.393%
42	11.386	1554	1558	1563	rBV4	90078	206124	5.32%	0.348%
43	11.434	1563	1566	1575	rVB3	199317	393529	10.15%	0.663%
44	11.544	1575	1584	1589	rBV6	77719	221924	5.72%	0.374%
45	11.629	1589	1598	1606	rBV	846396	1654868	42.68%	2.790%
46	11.690	1606	1608	1612	rVB	73965	97005	2.50%	0.164%
47	11.764	1616	1620	1624	rVB	126815	176125	4.54%	0.297%
48	11.818	1624	1629	1633	rBV3	289092	514314	13.27%	0.867%
49	11.873	1633	1638	1642	rBV2	315484	535398	13.81%	0.903%
50	11.971	1649	1654	1657	rBV2	195911	362875	9.36%	0.612%
51	12.068	1666	1670	1673	rVB	186247	246603	6.36%	0.416%
52	12.135	1673	1681	1688	rBV4	718551	2020082	52.10%	3.406%
53	12.251	1692	1700	1704	rVB	1098471	2152582	55.52%	3.629%
54	12.361	1704	1718	1723	rBV2	1306486	3877152	100.00%	6.537%
55	12.446	1724	1732	1738	rBV6	430579	1038337	26.78%	1.751%
56	12.617	1749	1760	1765	rVB2	930642	2061467	53.17%	3.476%
57	12.696	1765	1773	1777	rBV6	498695	1268914	32.73%	2.139%
58	12.745	1778	1781	1782	rVV2	187589	223936	5.78%	0.378%
59	12.776	1782	1786	1792	rVB3	935418	1771141	45.68%	2.986%
60	12.855	1792	1799	1805	rBV5	612339	1653805	42.66%	2.788%
61	12.946	1806	1814	1826	rVB9	576085	2636327	68.00%	4.445%
62	13.056	1826	1832	1838	rBV2	951250	2397680	61.84%	4.042%
63	13.123	1838	1843	1847	rBV	1290546	1943227	50.12%	3.276%
64	13.166	1847	1850	1851	rBV	220235	252940	6.52%	0.426%
65	13.288	1867	1870	1875	rBV	503198	727300	18.76%	1.226%
66	13.336	1875	1878	1882	rVB2	337071	432745	11.16%	0.730%
67	13.410	1886	1890	1898	rVB5	457428	1183612	30.53%	1.996%
68	13.477	1898	1901	1906	rVB	346145	436858	11.27%	0.737%
69	13.556	1910	1914	1918	rBV	631137	928313	23.94%	1.565%
70	13.696	1931	1937	1941	rBV5	486367	893307	23.04%	1.506%
71	13.873	1961	1966	1971	rBV5	706440	1225683	31.61%	2.066%
72	13.977	1980	1983	1986	rBV3	233800	346872	8.95%	0.585%
73	14.190	2014	2018	2022	rBV3	377466	613467	15.82%	1.034%
74	14.257	2025	2029	2035	rVB4	474072	849272	21.90%	1.432%
75	14.379	2044	2049	2053	rBV	739668	1174461	30.29%	1.980%
76	14.544	2072	2076	2081	rVB3	549607	898705	23.18%	1.515%

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Title : SW846 8260

77	14.733	2104	2107	2111	rVB4	177296	213444	5.51%	0.360%
78	14.794	2113	2117	2120	rVV3	306932	574490	14.82%	0.969%
79	14.830	2120	2123	2131	rVB3	587670	1274320	32.87%	2.148%
80	15.117	2167	2170	2173	rBV3	171432	238860	6.16%	0.403%
81	15.232	2186	2189	2198	rVB6	334465	788752	20.34%	1.330%
82	15.318	2199	2203	2210	rVB3	560661	1028319	26.52%	1.734%
83	15.391	2210	2215	2220	rBV5	282458	621499	16.03%	1.048%
84	15.562	2239	2243	2249	rVB6	216604	443767	11.45%	0.748%
85	15.720	2265	2269	2277	rVB6	438835	965172	24.89%	1.627%
86	16.275	2357	2360	2368	rVB4	331562	693190	17.88%	1.169%

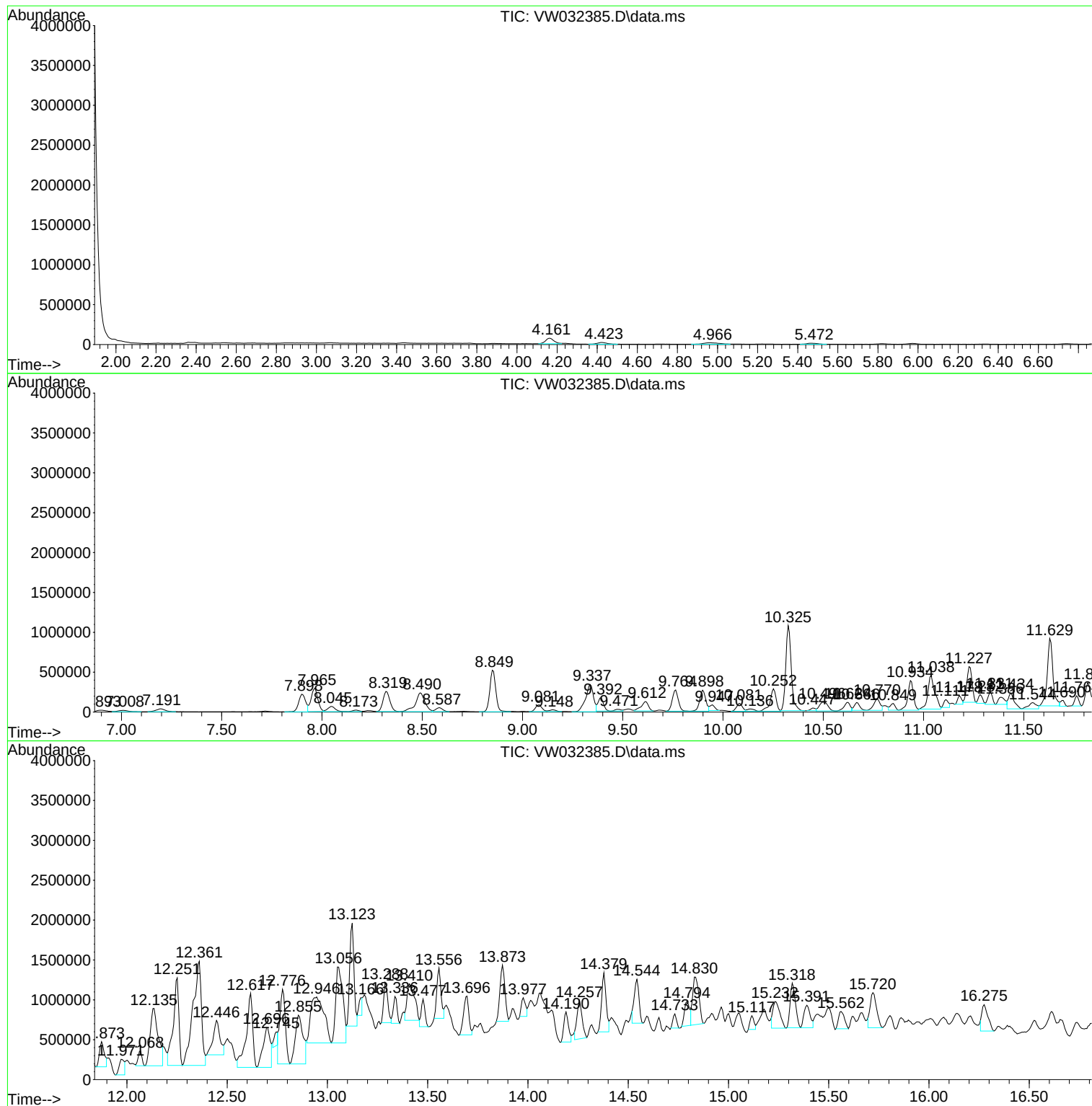
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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



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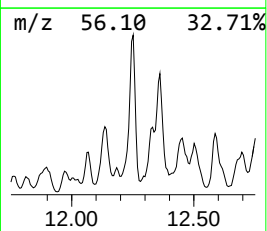
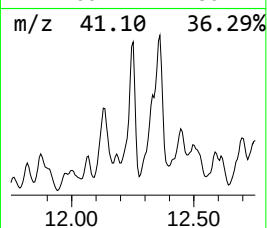
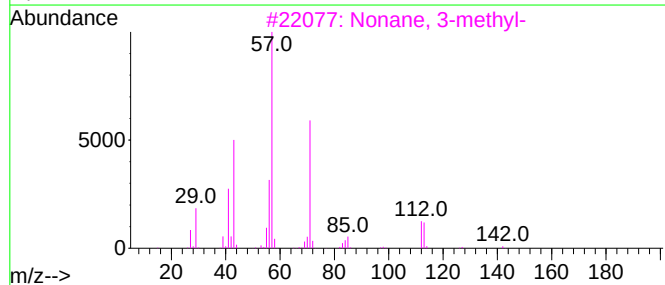
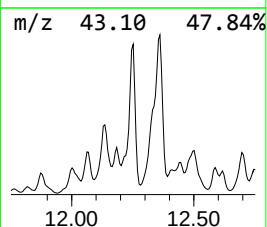
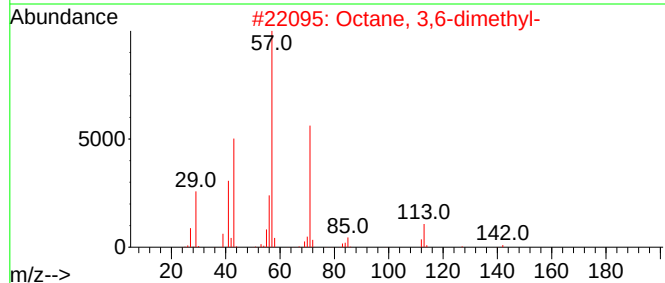
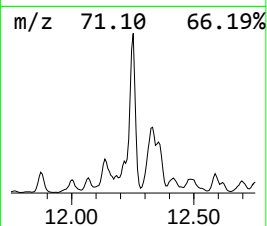
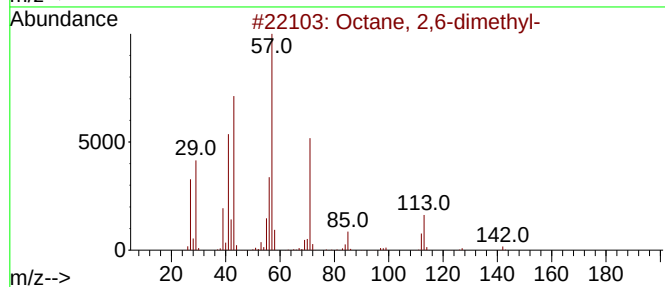
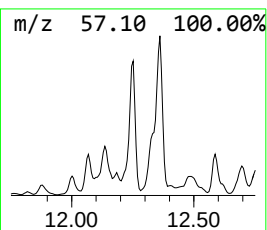
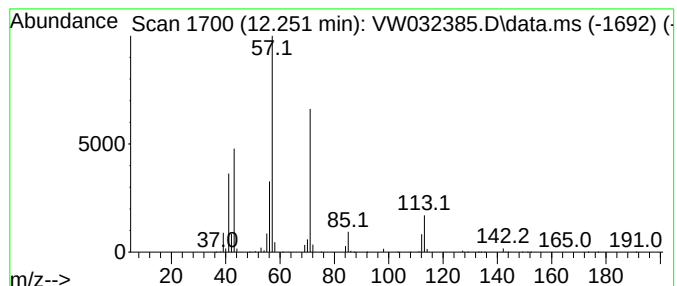
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	65.04 ug/l	2152580	Chlorobenzene-d5	11.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
5			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72



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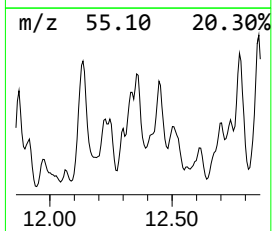
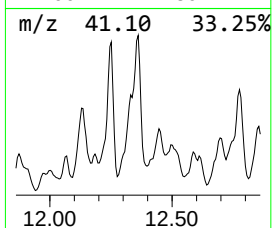
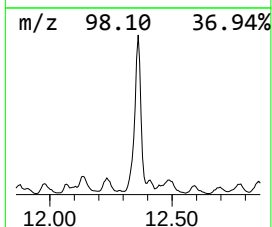
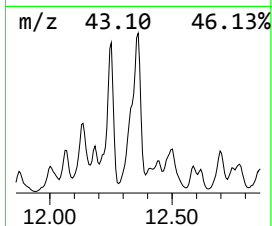
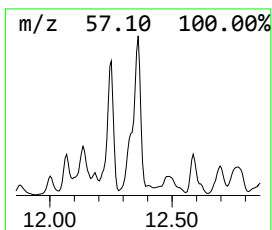
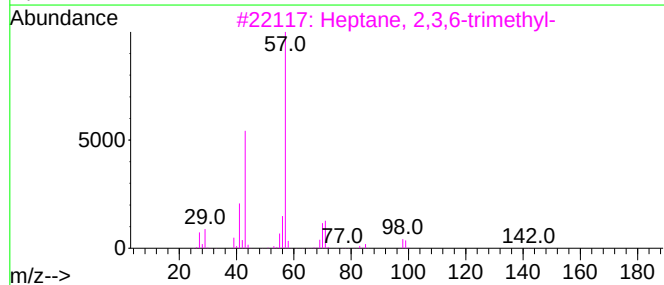
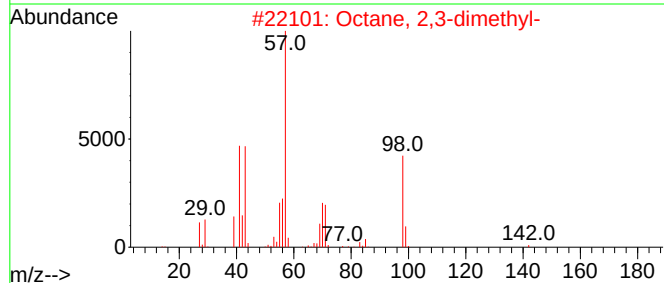
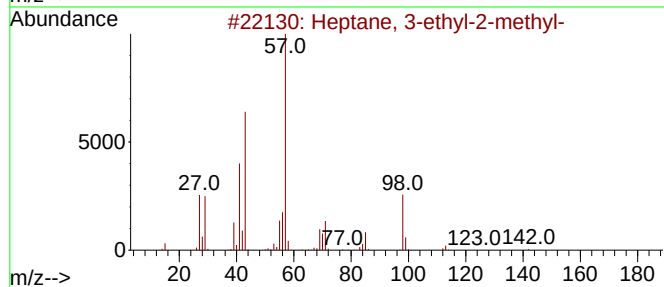
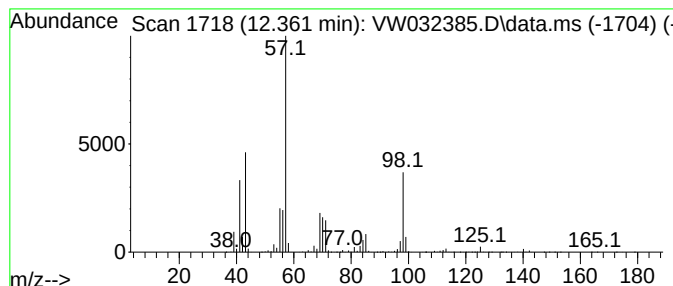
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 2 Heptane, 3-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	117.14 ug/l	3877150	Chlorobenzene-d5	11.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	87
3			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53
4			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	52
5			Heptane, 3-ethyl-	128	C9H20	015869-80-4	50



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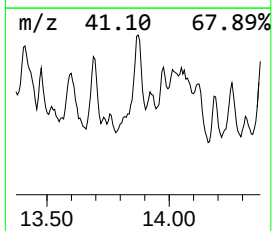
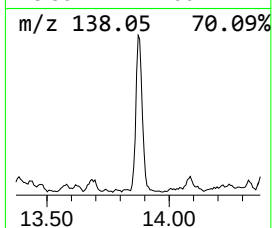
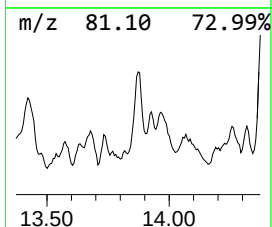
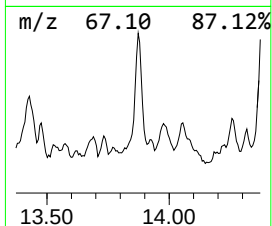
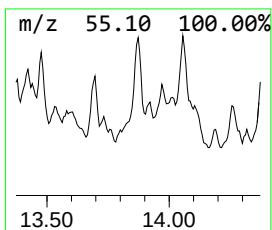
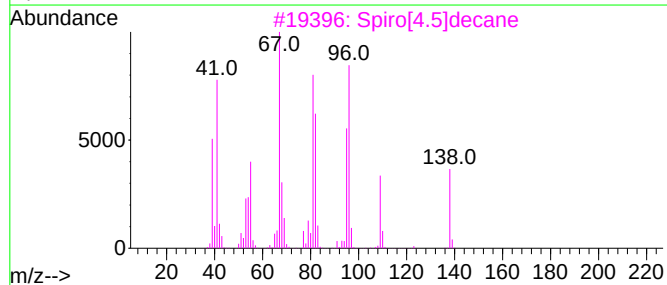
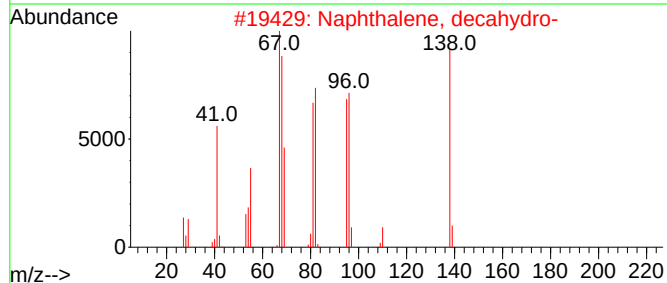
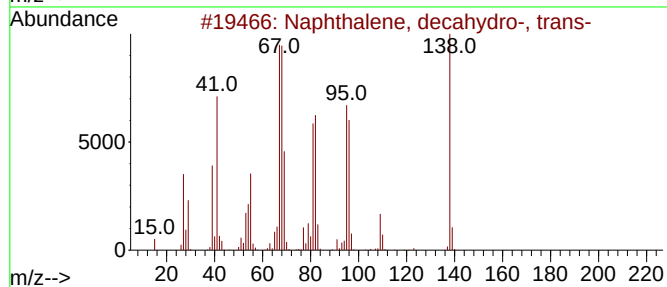
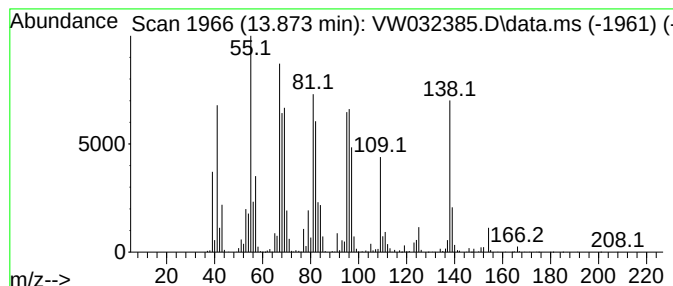
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, decahydro-, tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	66.02 ug/l	1225680	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	92
3			Spiro[4.5]decane	138	C10H18	000176-63-6	89
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	64
5			2,2-Dimethyl-3-vinylcyclopentanone	138	C9H14O	1000427-24-5	58



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ClientSampleId :
PR132-S05-000057-20251016

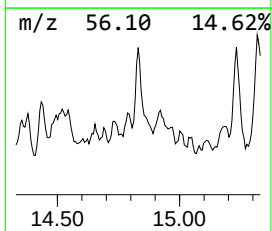
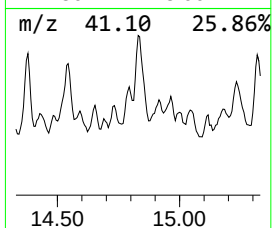
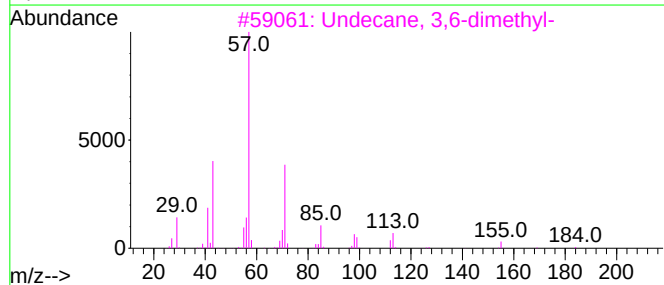
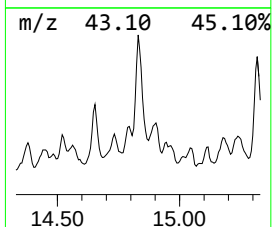
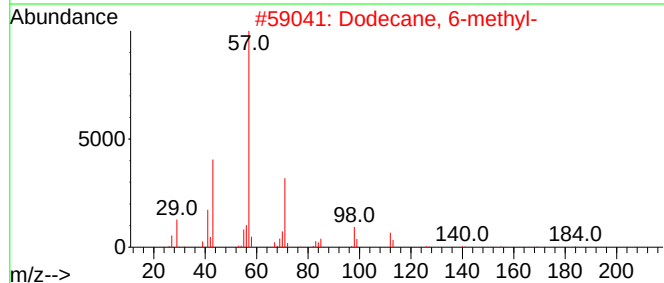
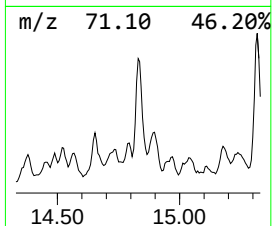
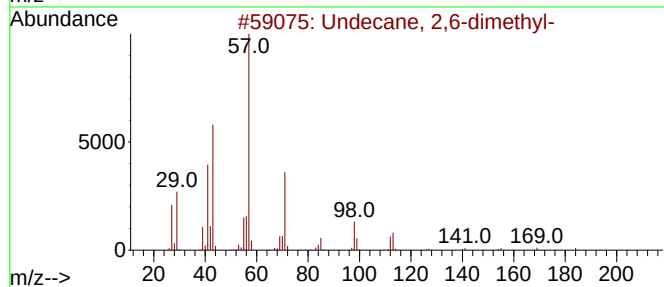
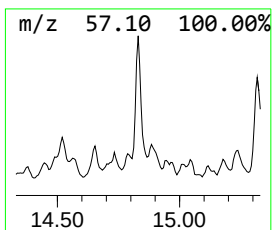
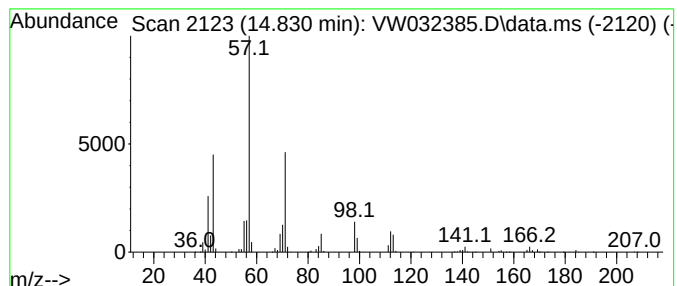
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Quant Title : SW846 8260

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	68.64 ug/l	1274320	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	94
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
5			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032385.D
Acq On : 20 Oct 2025 13:50
Operator : SY/MD
Sample : Q3375-03
Misc : 5.09g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S05-000057-20251016

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octane, 2,6-dim...	12.251	65.0	ug/l	2152580	3	11.630	1654870	50.0
Heptane, 3-ethy...	12.361	117.1	ug/l	3877150	3	11.630	1654870	50.0
Naphthalene, de...	13.873	66.0	ug/l	1225680	4	13.556	928313	50.0
Undecane, 2,6-d...	14.830	68.6	ug/l	1274320	4	13.556	928313	50.0