

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032391.D
 Acq On : 20 Oct 2025 16:02
 Operator : SY/MD
 Sample : Q3376-04
 Misc : 4.83g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S12-047072-20251016

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: VW032391.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	38	rVB2	44830	131758	2.08%	0.154%
2	4.167	361	374	383	rBV	74067	228588	3.62%	0.266%
3	4.423	405	416	431	rVB	27500	93979	1.49%	0.110%
4	7.197	859	871	884	rBV2	43484	141112	2.23%	0.164%
5	7.898	976	986	991	rBV	229218	562885	8.90%	0.656%
6	7.959	991	996	1004	rVV	345481	785956	12.43%	0.916%
7	8.045	1004	1010	1018	rVB2	47932	123065	1.95%	0.143%
8	8.167	1023	1030	1037	rBV2	57989	134749	2.13%	0.157%
9	8.319	1047	1055	1066	rBV2	272605	674979	10.67%	0.787%
10	8.490	1067	1083	1093	rVV	297359	892677	14.12%	1.040%
11	8.587	1094	1099	1106	rVB2	38682	88157	1.39%	0.103%
12	8.849	1134	1142	1153	rBV	579817	1221781	19.32%	1.424%
13	9.081	1173	1180	1187	rBV2	98051	219222	3.47%	0.255%
14	9.337	1211	1222	1227	rBV4	341376	890639	14.09%	1.038%
15	9.392	1227	1231	1239	rVB	184917	362379	5.73%	0.422%
16	9.611	1258	1267	1273	rVB3	88782	224943	3.56%	0.262%
17	9.764	1285	1292	1302	rBV2	287254	621771	9.83%	0.725%
18	9.898	1307	1314	1319	rBV	412290	831286	13.15%	0.969%
19	9.953	1320	1323	1327	rVB3	63330	102030	1.61%	0.119%
20	9.989	1327	1329	1336	rVB	71465	116631	1.84%	0.136%
21	10.093	1338	1346	1350	rBV3	138728	375790	5.94%	0.438%
22	10.252	1362	1372	1378	rBV2	366179	738961	11.69%	0.861%
23	10.325	1378	1384	1398	rVV	1230391	2438864	38.57%	2.842%
24	10.447	1400	1404	1407	rVV	52939	98905	1.56%	0.115%
25	10.502	1407	1413	1422	rVB5	128904	382910	6.06%	0.446%
26	10.617	1428	1432	1436	rBV3	71769	122230	1.93%	0.142%
27	10.666	1436	1440	1448	rVB	143154	257025	4.06%	0.300%
28	10.770	1451	1457	1460	rBV3	165570	346051	5.47%	0.403%
29	10.843	1465	1469	1475	rVB	307982	524023	8.29%	0.611%
30	10.934	1478	1484	1491	rVB	854117	1370831	21.68%	1.598%
31	11.038	1495	1501	1509	rVB	534502	1109224	17.54%	1.293%
32	11.111	1509	1513	1517	rBV	169086	281484	4.45%	0.328%
33	11.178	1520	1524	1527	rVV	223436	341416	5.40%	0.398%
34	11.227	1527	1532	1538	rVV	979911	1855812	29.35%	2.163%
35	11.282	1538	1541	1545	rVV5	187889	336274	5.32%	0.392%
36	11.337	1545	1550	1554	rVV	945635	1679387	26.56%	1.957%

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Filtering: 5

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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37	11.386	1554	1558	1563	rVV3	380309	1107771	17.52%	1.291%
38	11.434	1563	1566	1574	rVV	433012	865303	13.68%	1.008%
39	11.507	1574	1578	1583	rVB	274372	438022	6.93%	0.510%
40	11.629	1590	1598	1606	rBV	923902	1794170	28.37%	2.091%
41	11.764	1616	1620	1623	rBV2	157452	239257	3.78%	0.279%
42	11.818	1623	1629	1634	rVV4	409328	940403	14.87%	1.096%
43	11.873	1634	1638	1642	rVV	654369	1119415	17.70%	1.305%
44	11.916	1642	1645	1650	rVB2	420430	642713	10.16%	0.749%
45	11.971	1650	1654	1657	rBV3	198302	364536	5.77%	0.425%
46	12.056	1664	1668	1673	rVB2	473287	802578	12.69%	0.935%
47	12.135	1674	1681	1692	rBV4	1255931	3735975	59.08%	4.354%
48	12.251	1692	1700	1704	rVB	1999376	3520666	55.68%	4.103%
49	12.361	1704	1718	1726	rBV3	1923056	6323144	100.00%	7.369%
50	12.446	1729	1732	1735	rVV4	412160	748330	11.83%	0.872%
51	12.495	1737	1740	1749	rVB4	919249	2006708	31.74%	2.339%
52	12.617	1752	1760	1766	rVB4	1383744	3008561	47.58%	3.506%
53	12.696	1770	1773	1777	rVV4	244899	347106	5.49%	0.405%
54	12.776	1782	1786	1792	rVB2	1273466	2314673	36.61%	2.698%
55	12.855	1793	1799	1804	rBV4	691512	1685495	26.66%	1.964%
56	12.940	1805	1813	1818	rBV7	1383991	3667835	58.01%	4.275%
57	13.050	1826	1831	1838	rBV	1350171	3379155	53.44%	3.938%
58	13.123	1838	1843	1846	rVV	2116022	3450073	54.56%	4.021%
59	13.160	1846	1849	1857	rVB	2236970	3795264	60.02%	4.423%
60	13.288	1867	1870	1874	rBV	543332	746297	11.80%	0.870%
61	13.336	1875	1878	1882	rVB2	460356	578669	9.15%	0.674%
62	13.410	1886	1890	1892	rBV	618542	1032495	16.33%	1.203%
63	13.440	1893	1895	1899	rVB2	801022	1067542	16.88%	1.244%
64	13.556	1910	1914	1917	rBV	718587	1072278	16.96%	1.250%
65	13.696	1932	1937	1941	rBV4	715525	1424929	22.54%	1.661%
66	13.873	1961	1966	1970	rBV2	1139463	2216324	35.05%	2.583%
67	13.977	1980	1983	1986	rBV4	288331	353797	5.60%	0.412%
68	14.190	2014	2018	2023	rBV5	382477	724491	11.46%	0.844%
69	14.257	2026	2029	2036	rVB5	404813	719896	11.39%	0.839%
70	14.379	2044	2049	2054	rBV2	932775	1477735	23.37%	1.722%
71	14.543	2073	2076	2081	rVB4	562389	852466	13.48%	0.993%
72	14.787	2113	2116	2119	rBV4	303542	491734	7.78%	0.573%
73	14.830	2119	2123	2131	rVB	989585	1904762	30.12%	2.220%
74	15.318	2198	2203	2210	rBV2	1006115	1814513	28.70%	2.115%
75	15.720	2266	2269	2276	rVB5	501066	934744	14.78%	1.089%
76	16.269	2355	2359	2368	rVB	733660	1387477	21.94%	1.617%

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Integrator: RTE
Smoothing : ON Filtering: 5
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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

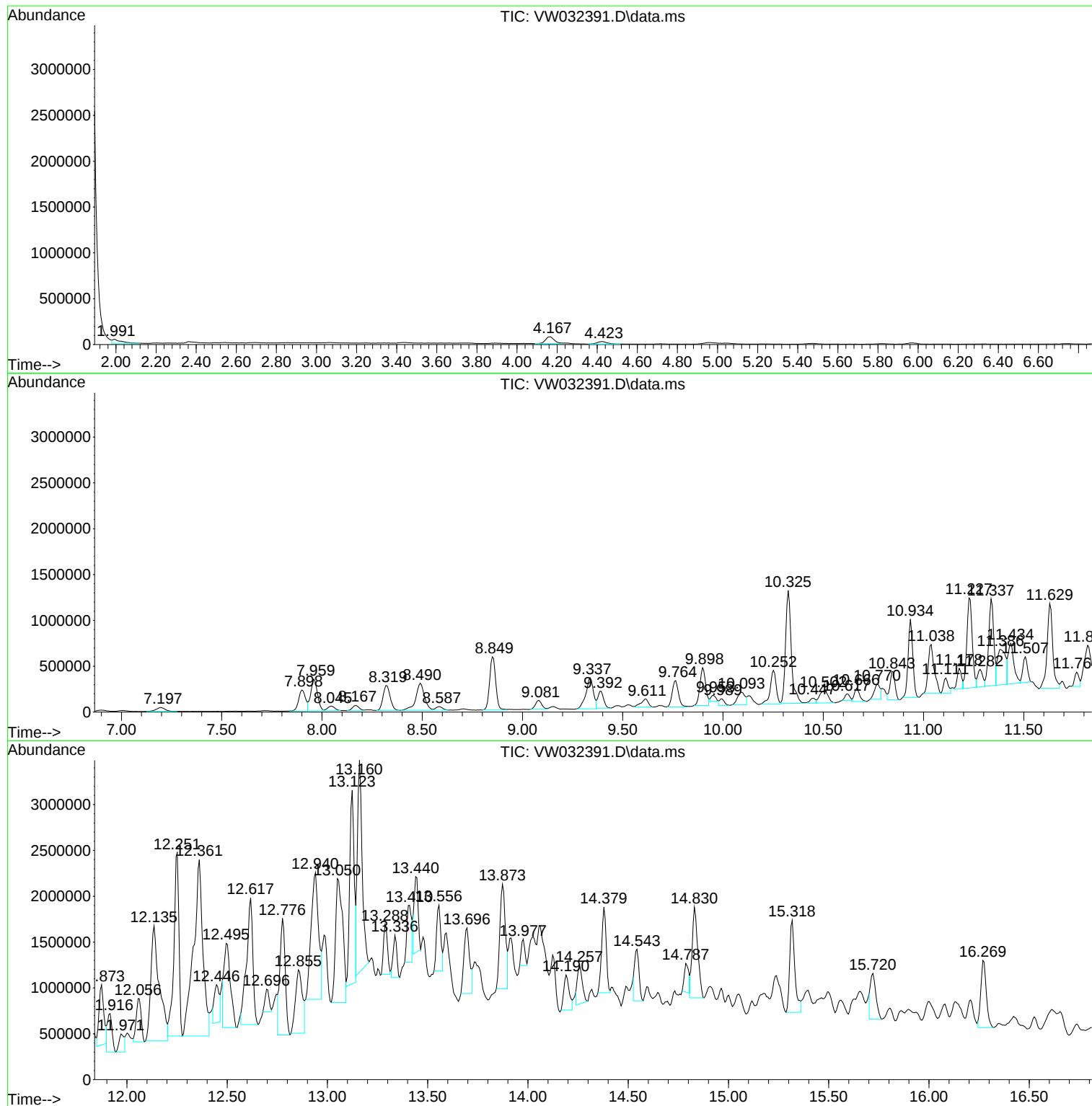
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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



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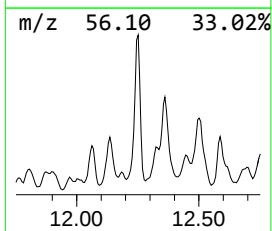
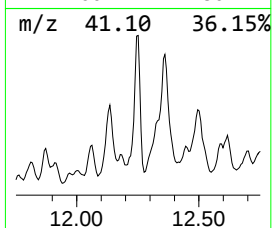
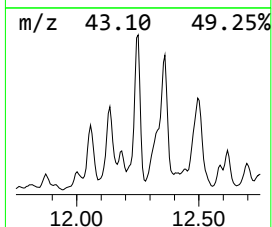
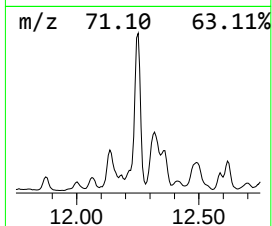
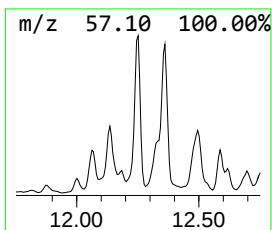
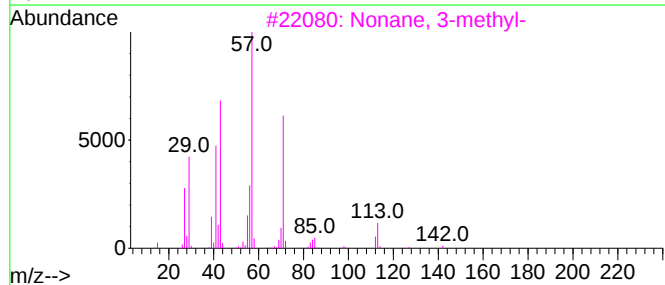
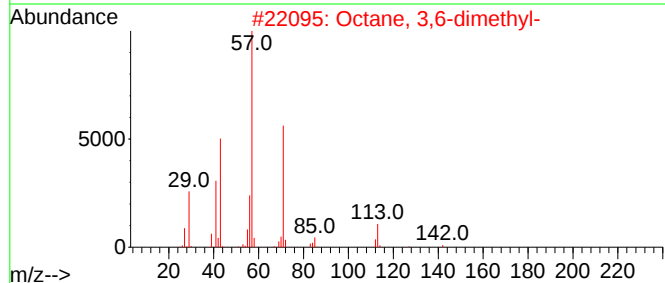
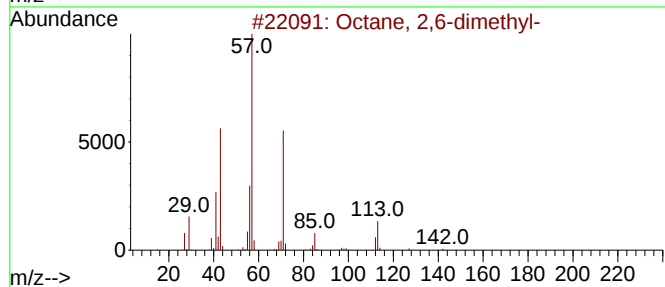
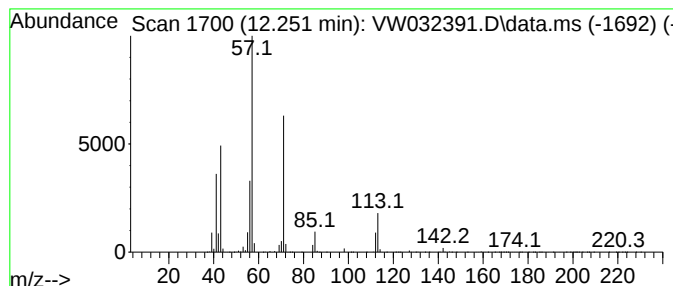
Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-047072-20251016

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

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.251	98.11 ug/l	3520670	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	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	86
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72



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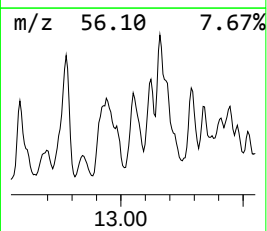
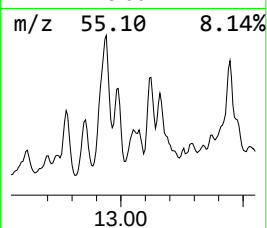
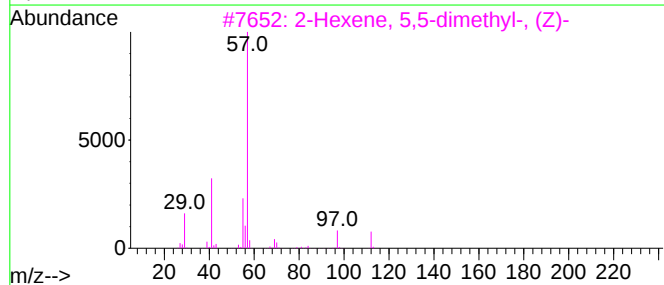
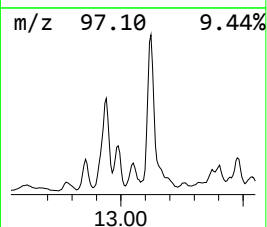
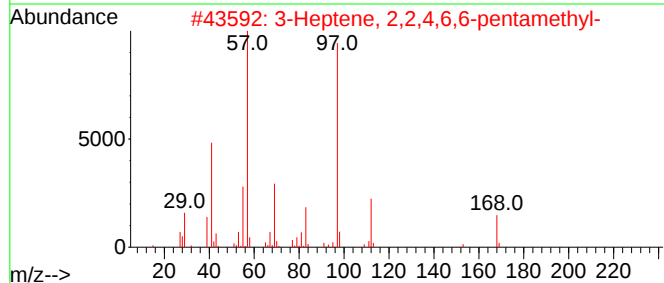
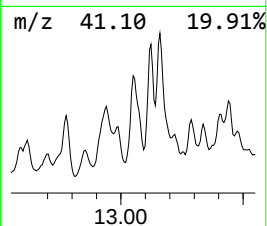
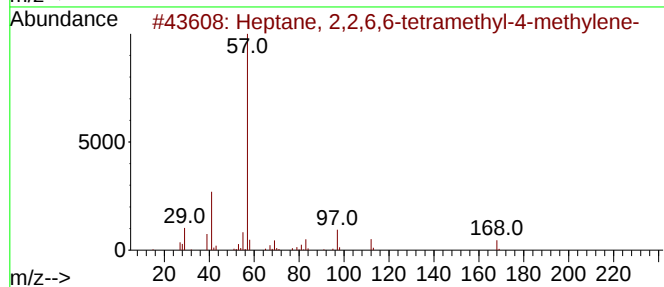
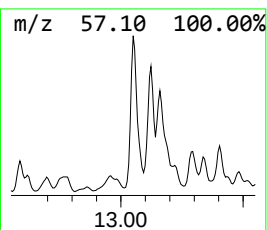
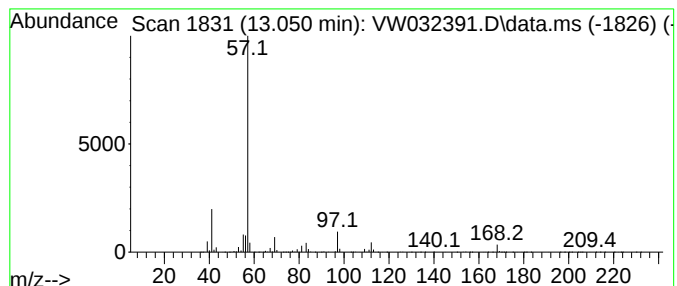
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 5 Heptane, 2,2,6,6-tetramethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.050	157.57 ug/l	3379160	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	87
2			3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	53
3			2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	50
4			4-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055534-69-5	47
5			Carbonic acid, but-2-yn-1-yl oct...	366	C23H42O3	1000383-21-3	43



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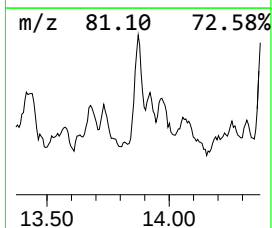
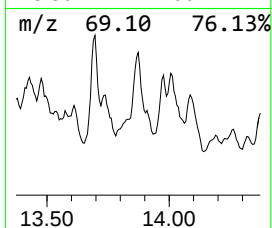
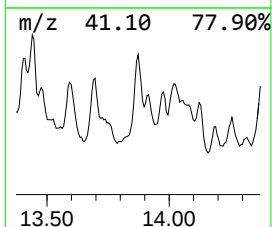
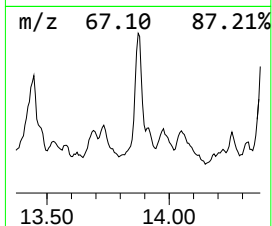
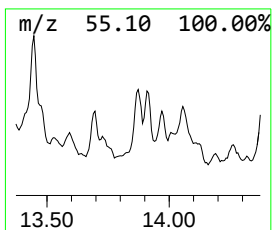
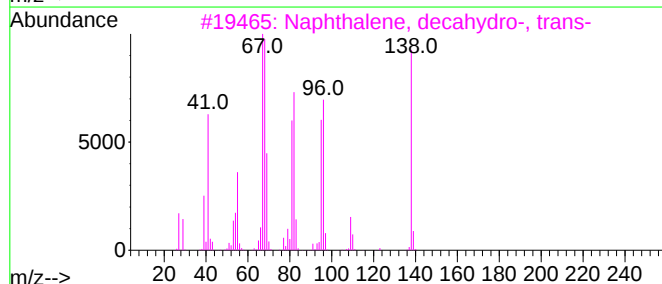
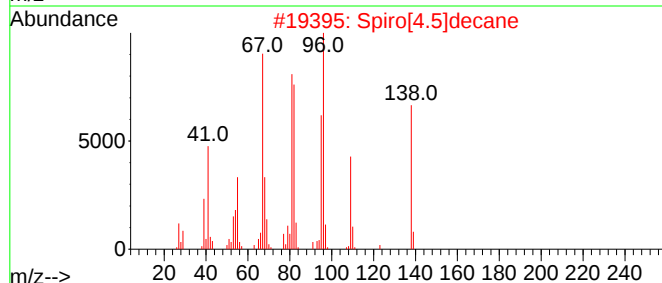
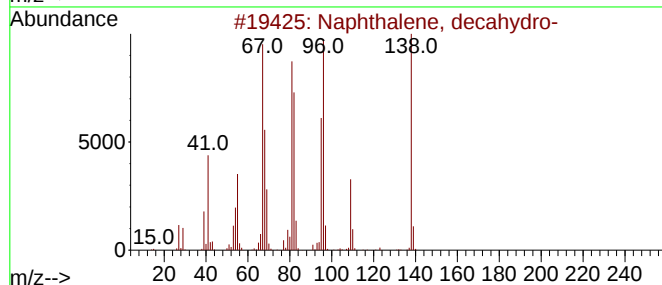
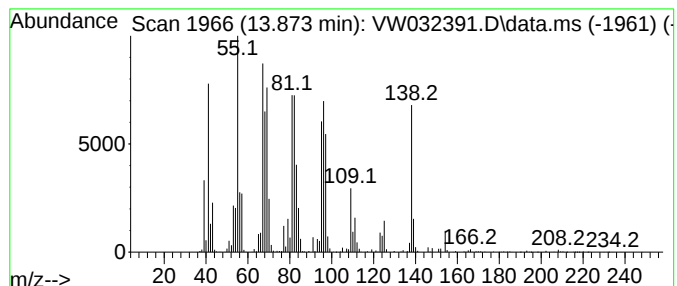
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	103.35 ug/l	2216320	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	95
2			Spiro[4.5]decane	138	C10H18	000176-63-6	95
3			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	90
5			9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	64



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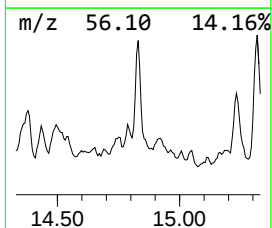
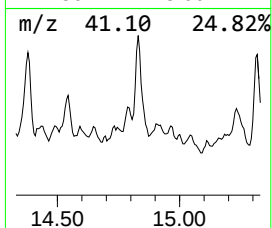
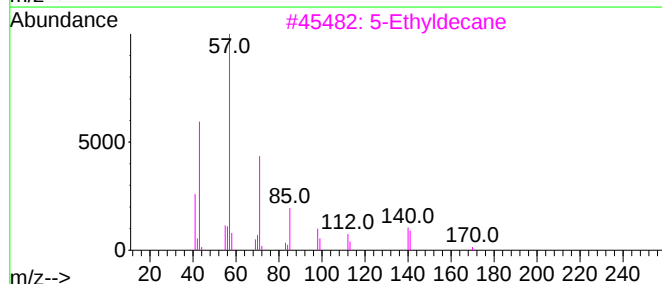
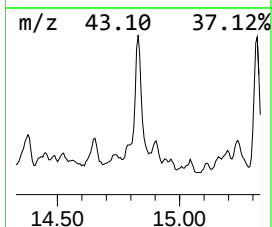
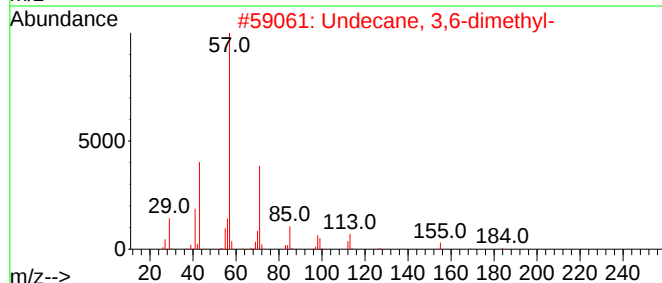
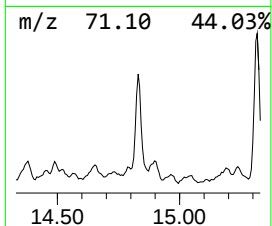
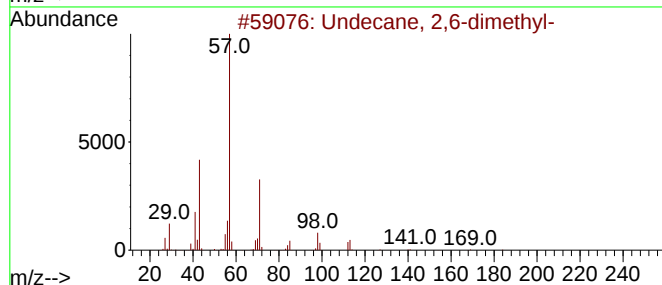
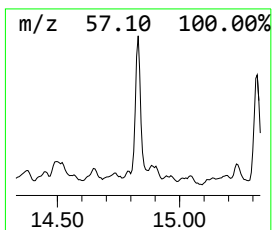
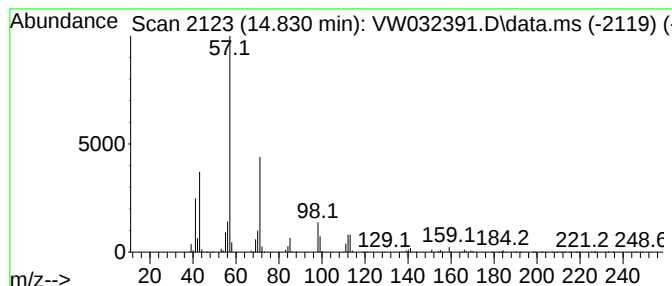
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Quant Title : SW846 8260

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

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	88.82 ug/l	1904760	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, 3,6-dimethyl-	184	C13H28	017301-28-9	90
3			5-Ethyldecane	170	C12H26	017302-36-2	78
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
5			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032391.D
Acq On : 20 Oct 2025 16:02
Operator : SY/MD
Sample : Q3376-04
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-047072-20251016

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	98.1	ug/l	3520670	3	11.629	1794170	50.0
Heptane, 2,2,6,...	13.050	157.6	ug/l	3379160	4	13.556	1072280	50.0
Naphthalene, de...	13.873	103.3	ug/l	2216320	4	13.556	1072280	50.0
Undecane, 2,6-d...	14.830	88.8	ug/l	1904760	4	13.556	1072280	50.0