

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032397.D
 Acq On : 20 Oct 2025 18:14
 Operator : SY/MD
 Sample : Q3395-02
 Misc : 4.33g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-000102-20251017

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: VW032397.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	363	373	384	rBV	94772	274653	2.50%	0.190%
2	7.191	856	870	884	rBV2	50803	152970	1.39%	0.106%
3	7.905	973	987	991	rBV	235226	577405	5.26%	0.399%
4	7.959	991	996	1004	rVV	342445	795641	7.25%	0.549%
5	8.045	1004	1010	1021	rVB	96978	252933	2.30%	0.175%
6	8.167	1023	1030	1037	rBV2	92057	210915	1.92%	0.146%
7	8.319	1047	1055	1066	rVB2	258073	620308	5.65%	0.428%
8	8.441	1066	1075	1078	rBV2	93278	228371	2.08%	0.158%
9	8.490	1078	1083	1093	rVV	172446	581865	5.30%	0.402%
10	8.587	1093	1099	1109	rVB	101637	238296	2.17%	0.165%
11	8.849	1133	1142	1156	rBV	582680	1218522	11.10%	0.841%
12	9.081	1172	1180	1186	rBV2	81426	183910	1.68%	0.127%
13	9.154	1186	1192	1200	rVB	62274	138801	1.26%	0.096%
14	9.337	1208	1222	1227	rBV3	843689	2229234	20.30%	1.539%
15	9.392	1227	1231	1239	rVB	366692	727499	6.63%	0.502%
16	9.612	1257	1267	1275	rVB2	294253	737508	6.72%	0.509%
17	9.758	1284	1291	1304	rBV2	402557	856069	7.80%	0.591%
18	9.904	1304	1315	1319	rBV	383576	809692	7.37%	0.559%
19	9.947	1319	1322	1327	rVB2	123248	193378	1.76%	0.134%
20	9.996	1327	1330	1336	rVB3	69584	116542	1.06%	0.080%
21	10.087	1337	1345	1349	rBV2	274251	681589	6.21%	0.471%
22	10.130	1349	1352	1360	rVB	212292	391020	3.56%	0.270%
23	10.215	1360	1366	1367	rBV2	116679	173680	1.58%	0.120%
24	10.252	1368	1372	1377	rVB2	259742	466096	4.25%	0.322%
25	10.325	1377	1384	1397	rVB	1903531	4024687	36.66%	2.779%
26	10.447	1398	1404	1407	rBV2	156151	280169	2.55%	0.193%
27	10.496	1407	1412	1422	rVB3	339370	949831	8.65%	0.656%
28	10.624	1424	1433	1436	rBV	317704	626622	5.71%	0.433%
29	10.666	1436	1440	1448	rVB	419641	755778	6.88%	0.522%
30	10.764	1449	1456	1460	rBV3	417066	944311	8.60%	0.652%
31	10.849	1466	1470	1475	rVB	525884	852922	7.77%	0.589%
32	10.934	1475	1484	1491	rBV	1894231	3300307	30.06%	2.279%
33	11.038	1491	1501	1509	rBV	1198090	2695446	24.55%	1.861%
34	11.111	1509	1513	1516	rVV2	409732	662615	6.04%	0.457%
35	11.178	1520	1524	1527	rVV	692087	1171747	10.67%	0.809%
36	11.233	1527	1533	1538	rVV	1986411	3873776	35.28%	2.675%

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

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37	11.282	1538	1541	1545	rVV	377992	648810	5.91%	0.448%
38	11.337	1545	1550	1554	rVV2	1290203	2260017	20.58%	1.560%
39	11.379	1554	1557	1562	rVV3	495164	954861	8.70%	0.659%
40	11.434	1562	1566	1573	rVB	692575	1286548	11.72%	0.888%
41	11.501	1573	1577	1581	rBV	245720	377713	3.44%	0.261%
42	11.544	1581	1584	1589	rBV4	67819	115203	1.05%	0.080%
43	11.629	1591	1598	1607	rVV	849126	1672788	15.24%	1.155%
44	11.764	1616	1620	1623	rBV	396863	600729	5.47%	0.415%
45	11.818	1623	1629	1633	rVV4	648598	1272859	11.59%	0.879%
46	11.873	1633	1638	1642	rVV	1350988	2321658	21.15%	1.603%
47	11.916	1642	1645	1650	rVB3	826735	1302603	11.86%	0.899%
48	11.971	1650	1654	1657	rBV2	455169	827186	7.53%	0.571%
49	12.062	1664	1669	1673	rVB2	653919	1147542	10.45%	0.792%
50	12.135	1673	1681	1687	rBV2	2251294	5350406	48.73%	3.694%
51	12.251	1692	1700	1704	rVV	3594451	6433481	58.60%	4.442%
52	12.361	1704	1718	1726	rVV3	3127697	10979465	100.00%	7.581%
53	12.446	1729	1732	1735	rVV4	958538	1752977	15.97%	1.210%
54	12.501	1737	1741	1748	rVB4	1193532	2738361	24.94%	1.891%
55	12.617	1754	1760	1765	rVB2	1401954	2321864	21.15%	1.603%
56	12.696	1765	1773	1777	rBV5	777026	1914181	17.43%	1.322%
57	12.776	1782	1786	1792	rVB2	2081975	3722217	33.90%	2.570%
58	12.855	1792	1799	1804	rBV5	1059778	2580248	23.50%	1.781%
59	12.940	1805	1813	1818	rBV5	1625980	4656633	42.41%	3.215%
60	13.056	1826	1832	1838	rBV2	1518881	4169738	37.98%	2.879%
61	13.123	1838	1843	1846	rVV	2617750	4234419	38.57%	2.924%
62	13.160	1846	1849	1856	rVB	3179097	5087478	46.34%	3.513%
63	13.288	1867	1870	1874	rBV2	787294	1007355	9.17%	0.696%
64	13.336	1875	1878	1882	rVB3	736079	974303	8.87%	0.673%
65	13.440	1892	1895	1899	rVB3	814448	1140484	10.39%	0.787%
66	13.556	1910	1914	1922	rVB5	940735	2069184	18.85%	1.429%
67	13.690	1931	1936	1941	rBV3	954075	1810793	16.49%	1.250%
68	13.873	1961	1966	1970	rBV4	1756488	3201732	29.16%	2.211%
69	13.977	1979	1983	1986	rBV5	654506	1108944	10.10%	0.766%
70	14.019	1986	1990	1994	rVV3	602387	1241493	11.31%	0.857%
71	14.123	2005	2007	2013	rVB	1110799	1655772	15.08%	1.143%
72	14.190	2014	2018	2022	rBV3	704046	1220847	11.12%	0.843%
73	14.257	2025	2029	2035	rVB5	816175	1367773	12.46%	0.944%
74	14.318	2035	2039	2042	rBV4	285720	550557	5.01%	0.380%
75	14.379	2045	2049	2053	rVV2	1554424	2353682	21.44%	1.625%
76	14.489	2064	2067	2069	rBV3	308361	413251	3.76%	0.285%

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77	14.544	2072	2076	2081	rVB4	1101570	1884220	17.16%	1.301%
78	14.794	2112	2117	2119	rBV2	880779	1519242	13.84%	1.049%
79	14.830	2119	2123	2130	rVB	2631797	4915120	44.77%	3.394%
80	15.318	2198	2203	2210	rBV	2865665	4707956	42.88%	3.251%
81	15.623	2250	2253	2254	rBV2	350717	424819	3.87%	0.293%
82	15.720	2265	2269	2277	rVB6	1162978	2334800	21.27%	1.612%
83	16.208	2345	2349	2354	rVV3	580881	988004	9.00%	0.682%
84	16.275	2355	2360	2368	rVB	2122998	4221899	38.45%	2.915%

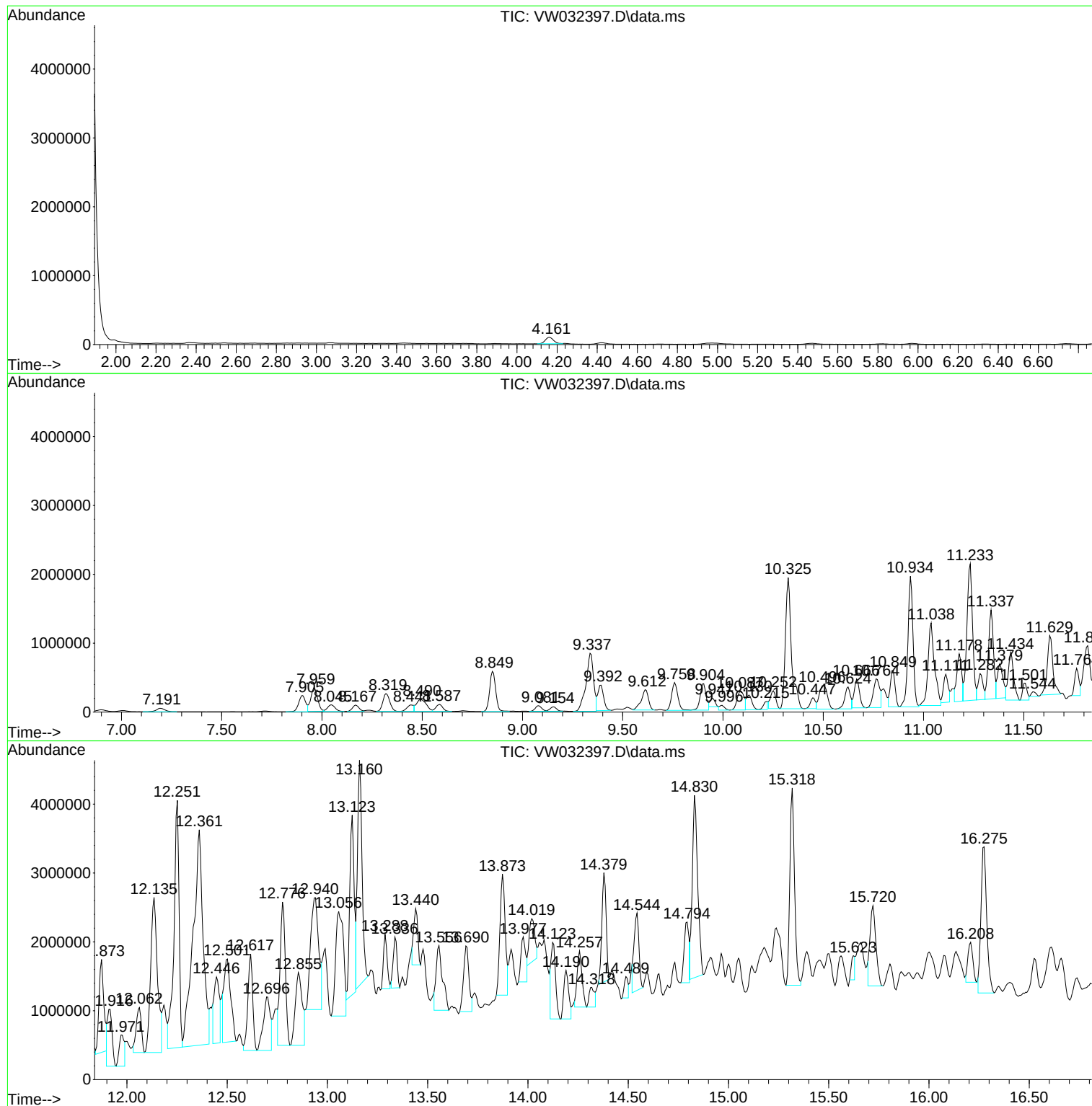
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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



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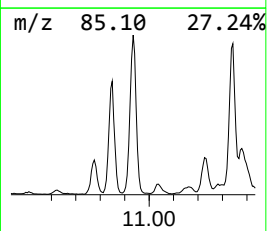
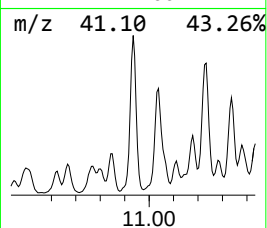
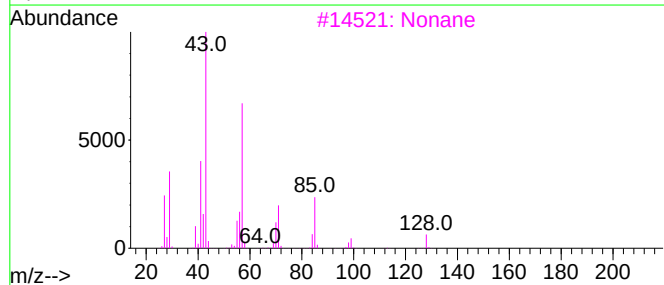
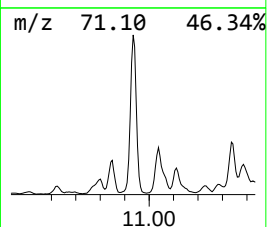
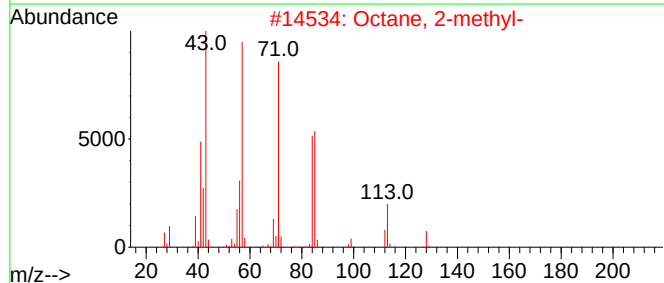
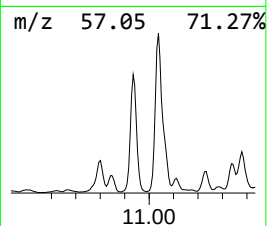
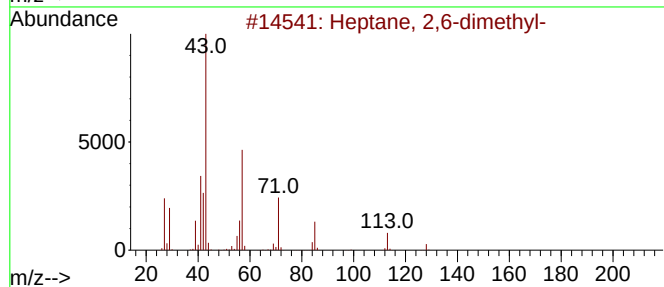
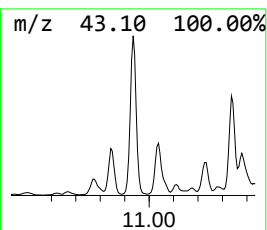
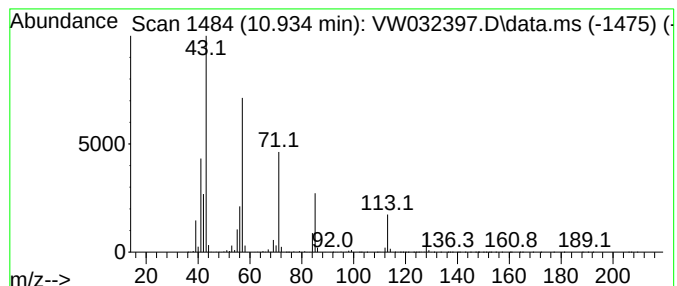
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.935	98.65 ug/l	3300310	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			Nonane	128	C9H20	000111-84-2	58
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50



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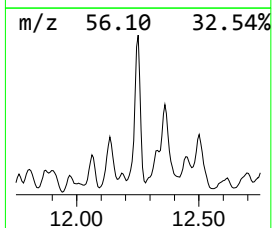
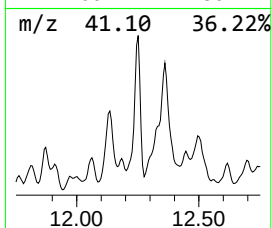
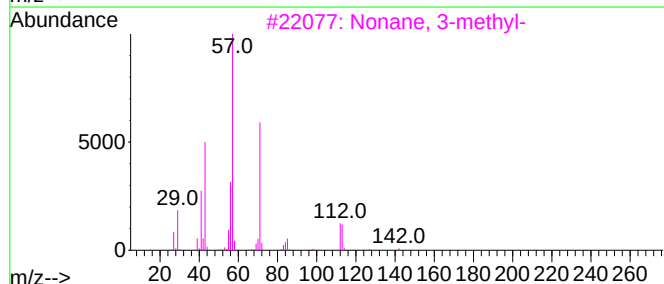
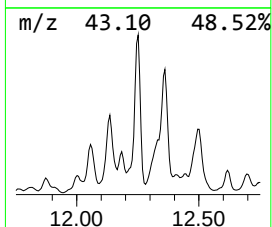
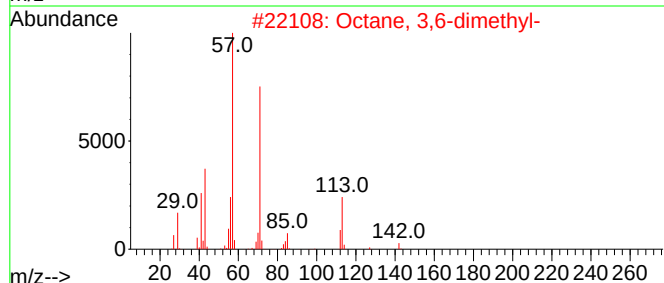
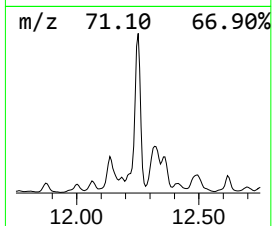
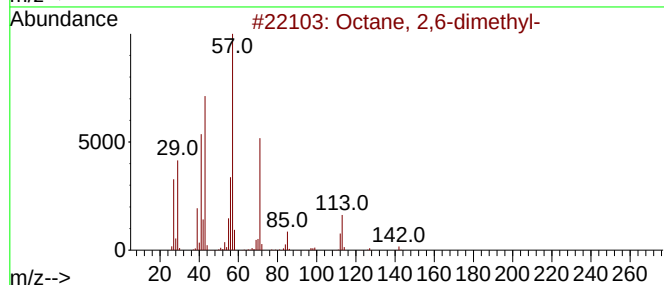
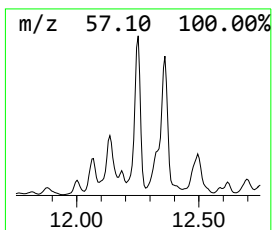
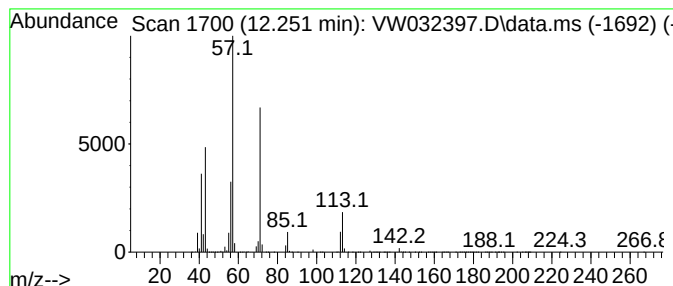
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	192.30 ug/l	6433480	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	87
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
5			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	59



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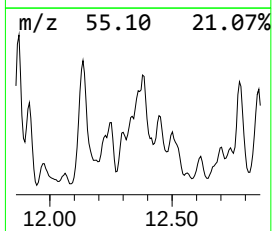
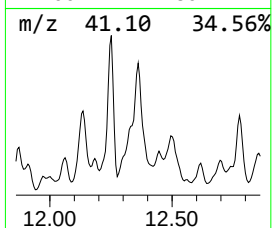
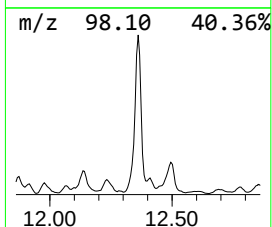
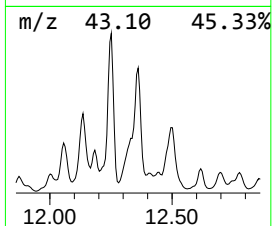
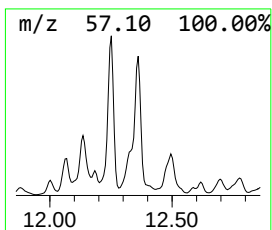
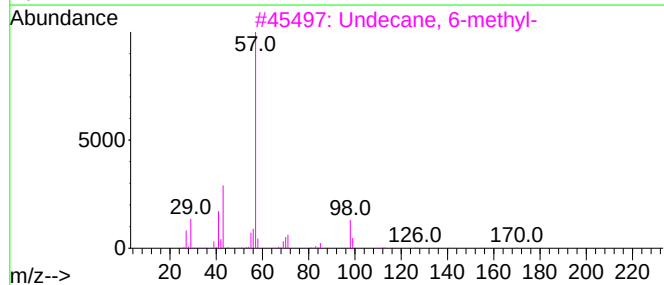
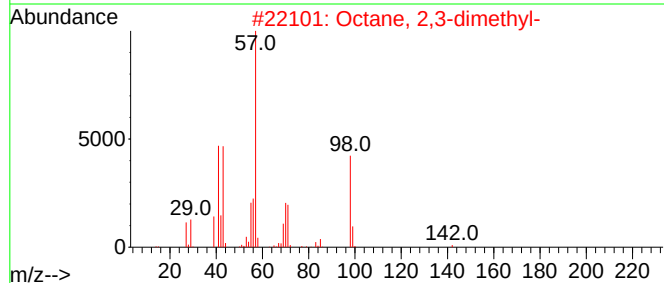
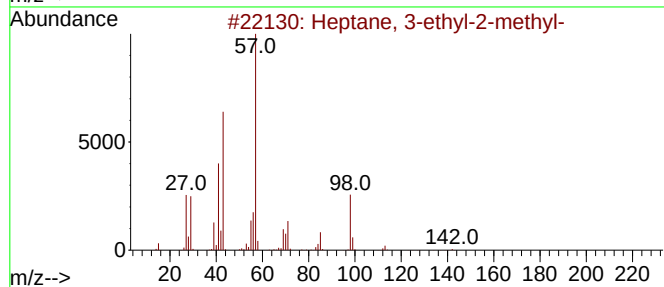
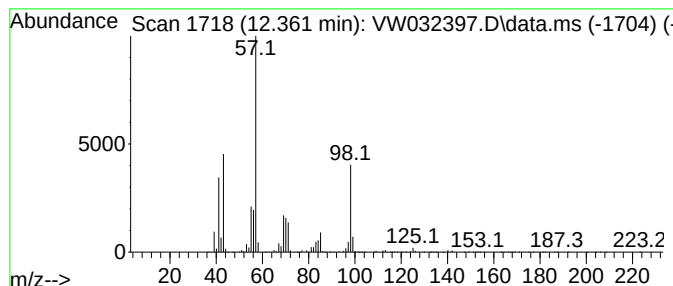
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Quant Title : SW846 8260

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

Peak Number 4 Heptane, 3-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	328.18 ug/l	10979500	Chlorobenzene-d5	11.629

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	81
3			Undecane, 6-methyl-	170	C12H26	017302-33-9	64
4			Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	59
5			Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	38



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PR132-S07-000102-20251017

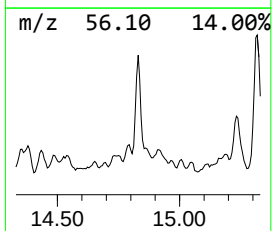
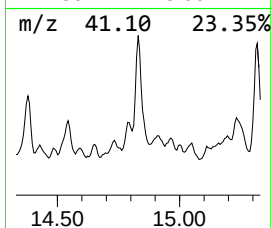
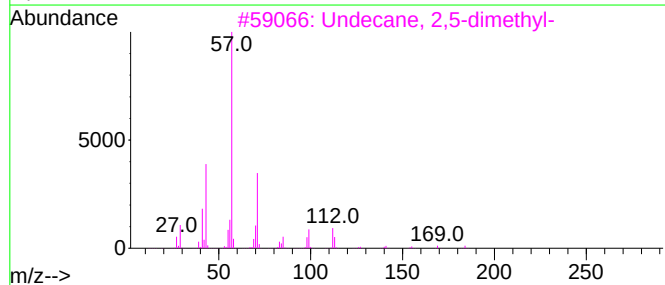
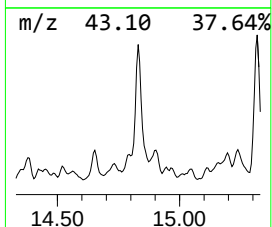
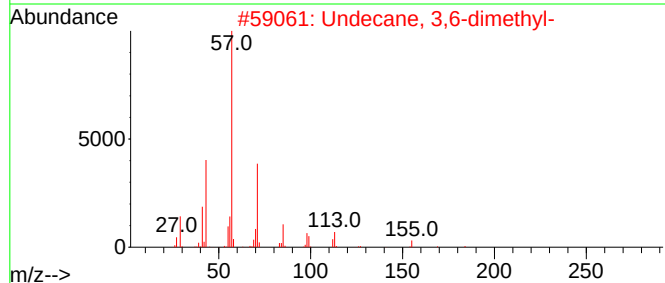
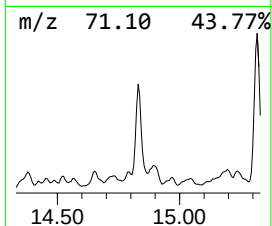
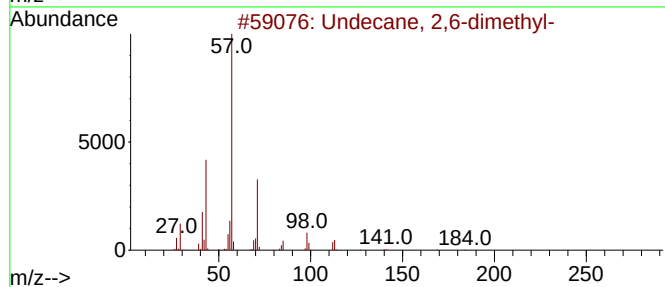
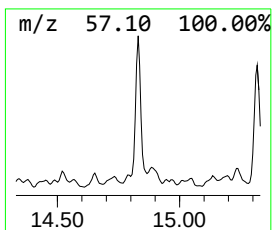
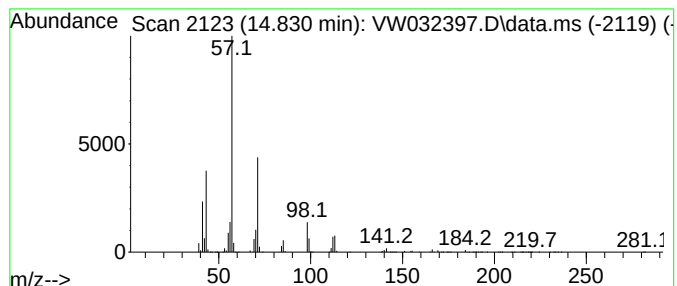
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Quant Title : SW846 8260

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	118.77 ug/l	4915120	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	94
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	93
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	91
5			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032397.D
Acq On : 20 Oct 2025 18:14
Operator : SY/MD
Sample : Q3395-02
Misc : 4.33g/5mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

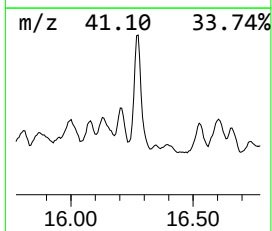
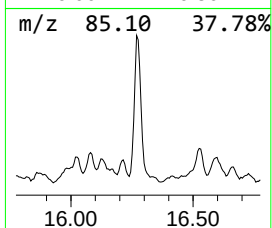
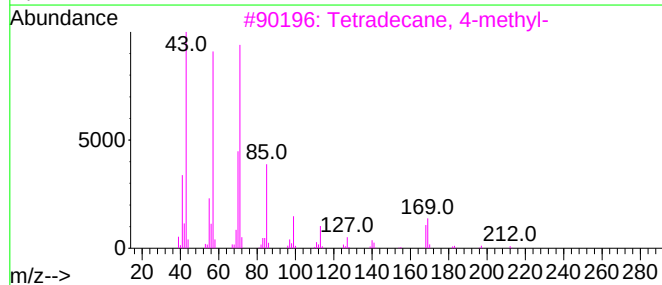
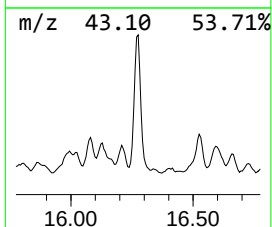
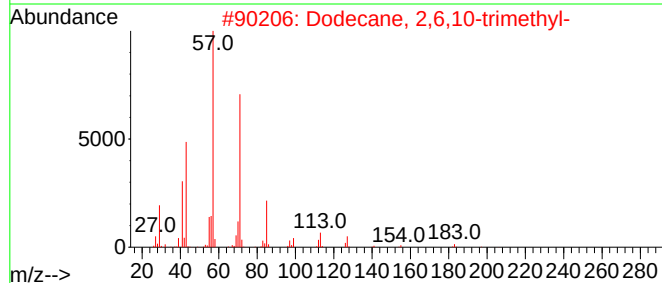
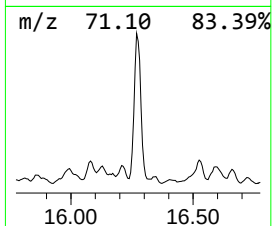
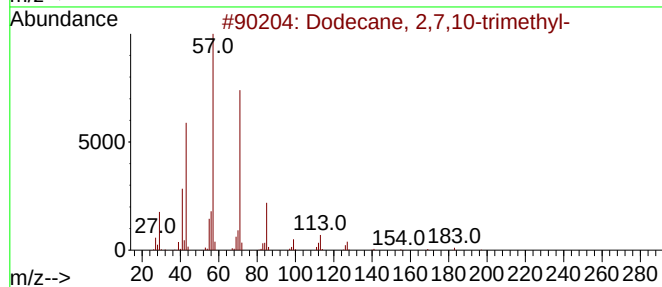
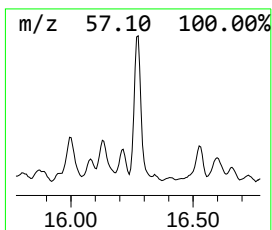
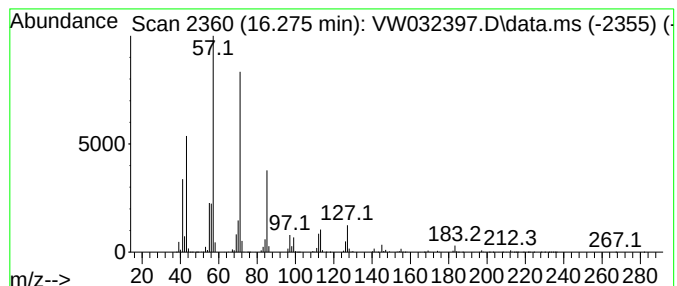
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Quant Title : SW846 8260

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

Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	102.02 ug/l	4221900	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
4			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032397.D
Acq On : 20 Oct 2025 18:14
Operator : SY/MD
Sample : Q3395-02
Misc : 4.33g/5mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptane, 2,6-di...	10.935	98.7	ug/l	3300310	3	11.629	1672790	50.0
Octane, 2,6-dim...	12.251	192.3	ug/l	6433480	3	11.629	1672790	50.0
Heptane, 3-ethy...	12.361	328.2	ug/l	10979500	3	11.629	1672790	50.0
Undecane, 2,6-d...	14.830	118.8	ug/l	4915120	4	13.556	2069180	50.0
Dodecane, 2,7,1...	16.275	102.0	ug/l	4221900	4	13.556	2069180	50.0