

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
 Data File : VN088188.D
 Acq On : 31 Oct 2025 15:03
 Operator : JC\MD
 Sample : Q3490-01
 Misc : 1.23g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LAW-25-0151

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_N\methods\82N102325W.M
 Title : SW846 8260

Signal : TIC: VN088188.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.312	55	61	69	rBV	27052	46124	1.49%	0.103%
2	2.501	87	93	102	rBV4	13504	31179	1.01%	0.070%
3	2.865	139	155	156	rBV7	41009	136125	4.40%	0.304%
4	2.965	167	172	176	rBV2	18294	32491	1.05%	0.072%
5	5.012	508	520	533	rBV	11342	40263	1.30%	0.090%
6	8.147	1042	1053	1057	rBV	256949	631952	20.41%	1.410%
7	8.200	1057	1062	1073	rVV2	395231	922863	29.81%	2.059%
8	8.300	1073	1079	1088	rVB4	17921	43051	1.39%	0.096%
9	8.418	1088	1099	1107	rBV2	50004	122766	3.97%	0.274%
10	8.559	1113	1123	1135	rBV	287425	683132	22.07%	1.524%
11	8.736	1148	1153	1164	rVB4	11202	37093	1.20%	0.083%
12	8.941	1181	1188	1196	rVB2	47602	96870	3.13%	0.216%
13	9.077	1202	1211	1223	rBV	669420	1406072	45.42%	3.136%
14	9.577	1282	1296	1301	rBV4	35938	99355	3.21%	0.222%
15	9.988	1360	1366	1375	rVB5	17471	39028	1.26%	0.087%
16	10.118	1379	1388	1394	rVV3	23357	51640	1.67%	0.115%
17	10.183	1394	1399	1409	rVB3	30334	70663	2.28%	0.158%
18	10.318	1413	1422	1431	rBV4	27149	70430	2.28%	0.157%
19	10.471	1436	1448	1452	rBV4	12155	32008	1.03%	0.071%
20	10.541	1452	1460	1466	rBV	1073585	2001990	64.67%	4.466%
21	10.606	1466	1471	1479	rVB	553607	1027939	33.21%	2.293%
22	10.724	1484	1491	1499	rVB	88571	170402	5.50%	0.380%
23	10.888	1514	1519	1526	rVB5	17987	33012	1.07%	0.074%
24	10.982	1528	1535	1540	rBV5	26681	59994	1.94%	0.134%
25	11.147	1558	1563	1569	rVB2	27498	52356	1.69%	0.117%
26	11.247	1576	1580	1588	rVB4	17387	38194	1.23%	0.085%
27	11.324	1588	1593	1596	rBV6	18004	31211	1.01%	0.070%
28	11.394	1601	1605	1609	rVV	42217	75810	2.45%	0.169%
29	11.447	1610	1614	1620	rVB3	42872	76306	2.46%	0.170%
30	11.547	1626	1631	1635	rBV3	31040	50366	1.63%	0.112%
31	11.618	1635	1643	1655	rVB3	94921	243588	7.87%	0.543%
32	11.724	1655	1661	1667	rBV	90122	141663	4.58%	0.316%
33	11.841	1674	1681	1692	rBV	879946	1693678	54.71%	3.778%
34	11.941	1693	1698	1707	rBV	106562	218741	7.07%	0.488%
35	12.047	1707	1716	1726	rBV	657217	1338998	43.25%	2.987%
36	12.271	1748	1754	1760	rVB6	28037	55744	1.80%	0.124%

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37	12.376	1760	1772	1780	rBV3	243706	698321	22.56%	1.558%
38	12.459	1781	1786	1791	rVB	128289	214088	6.92%	0.478%
39	12.576	1791	1806	1817	rBV8	119619	576359	18.62%	1.286%
40	12.676	1818	1823	1827	rBV5	58102	130097	4.20%	0.290%
41	12.747	1832	1835	1837	rVV	141705	203651	6.58%	0.454%
42	12.771	1837	1839	1843	rVV	131369	192191	6.21%	0.429%
43	12.829	1843	1849	1858	rVV2	646174	1363776	44.05%	3.042%
44	12.912	1860	1863	1868	rVB7	35905	56153	1.81%	0.125%
45	13.012	1874	1880	1885	rVB2	104468	220643	7.13%	0.492%
46	13.076	1885	1891	1894	rBV	403294	708631	22.89%	1.581%
47	13.135	1895	1901	1909	rVV2	964801	2083803	67.31%	4.648%
48	13.206	1910	1913	1917	rVB2	72739	100558	3.25%	0.224%
49	13.318	1923	1932	1937	rBV2	189875	513846	16.60%	1.146%
50	13.371	1937	1941	1950	rVB3	215674	418918	13.53%	0.934%
51	13.459	1950	1956	1962	rBV	974188	1631456	52.70%	3.639%
52	13.553	1968	1972	1975	rBV3	64004	94967	3.07%	0.212%
53	13.594	1975	1979	1980	rBV2	44145	58577	1.89%	0.131%
54	13.653	1985	1989	1993	rVV4	238321	494296	15.97%	1.103%
55	13.694	1993	1996	1999	rVV2	220675	353802	11.43%	0.789%
56	13.723	1999	2001	2004	rVV	169303	247586	8.00%	0.552%
57	13.771	2004	2009	2026	rVB4	997698	3095643	100.00%	6.905%
58	13.929	2032	2036	2037	rBV3	65649	88652	2.86%	0.198%
59	13.965	2037	2042	2045	rBV2	359445	713004	23.03%	1.590%
60	14.082	2057	2062	2068	rBV	1187750	1853017	59.86%	4.133%
61	14.159	2073	2075	2081	rVB	86405	107128	3.46%	0.239%
62	14.306	2095	2100	2105	rBV	352501	546093	17.64%	1.218%
63	14.418	2113	2119	2124	rBV4	286336	540456	17.46%	1.206%
64	14.506	2131	2134	2138	rVB4	175898	237472	7.67%	0.530%
65	14.553	2138	2142	2146	rBV4	207295	341343	11.03%	0.761%
66	14.600	2146	2150	2153	rVV4	394338	628128	20.29%	1.401%
67	14.629	2153	2155	2159	rVV2	382824	562057	18.16%	1.254%
68	14.670	2159	2162	2165	rVV	371141	461461	14.91%	1.029%
69	14.712	2165	2169	2172	rVV	317472	398144	12.86%	0.888%
70	14.853	2183	2193	2197	rBV3	278716	684995	22.13%	1.528%
71	14.935	2197	2207	2214	rVV4	1152240	2467168	79.70%	5.503%
72	15.023	2214	2222	2238	rVV6	650942	2632963	85.05%	5.873%
73	15.188	2246	2250	2256	rVB2	220148	448970	14.50%	1.001%
74	15.294	2263	2268	2273	rBV3	293222	556228	17.97%	1.241%
75	15.412	2281	2288	2295	rBV6	283191	735196	23.75%	1.640%
76	15.565	2309	2314	2317	rBV4	244594	452697	14.62%	1.010%

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Title : SW846 8260

77	15.612	2318	2322	2328	rVB	324692	644979	20.84%	1.439%
78	15.717	2336	2340	2344	rBV3	170086	280604	9.06%	0.626%
79	15.800	2350	2354	2365	rVB4	615767	1302628	42.08%	2.906%
80	15.917	2366	2374	2381	rBV5	264134	714466	23.08%	1.594%
81	16.135	2407	2411	2417	rVB4	202377	396739	12.82%	0.885%
82	16.453	2458	2465	2472	rBV4	206571	621287	20.07%	1.386%
83	16.676	2499	2503	2508	rVB3	128320	241047	7.79%	0.538%
84	16.747	2509	2515	2521	rBV	364760	813010	26.26%	1.814%

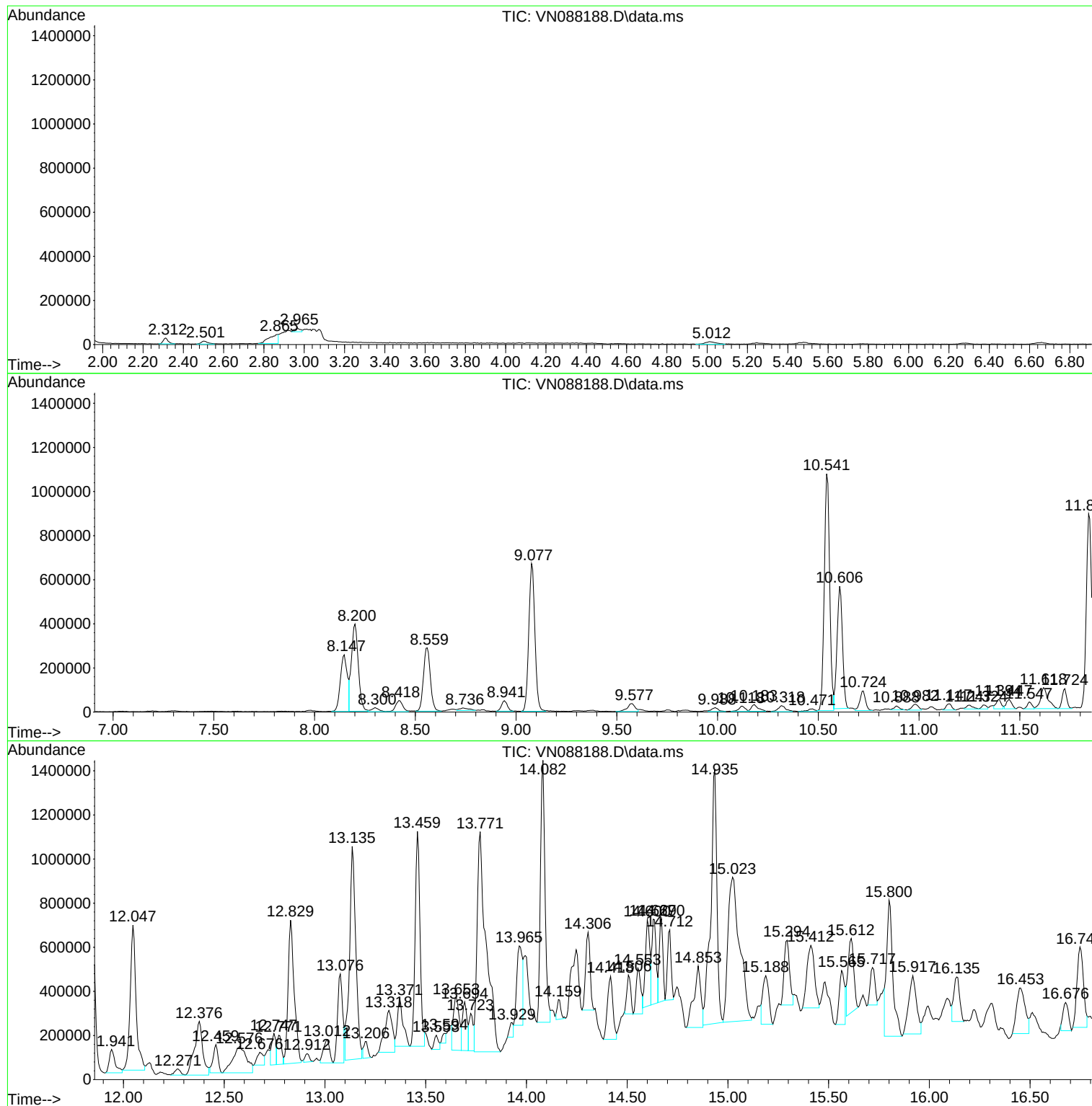
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Instrument :
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ClientSampleId :
LAW-25-0151

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

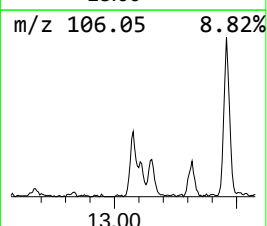
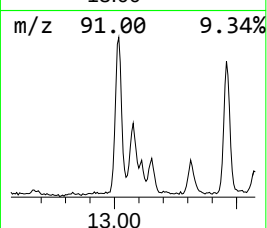
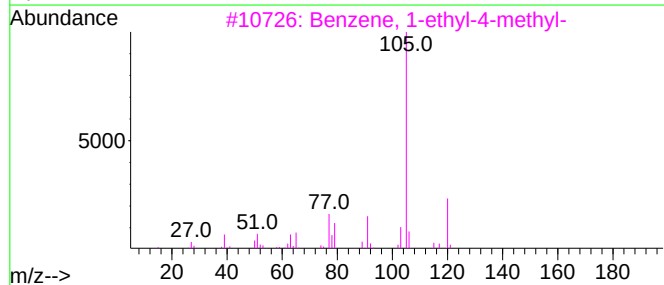
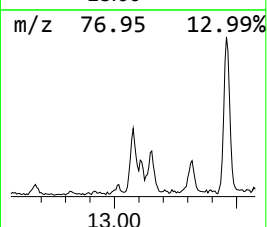
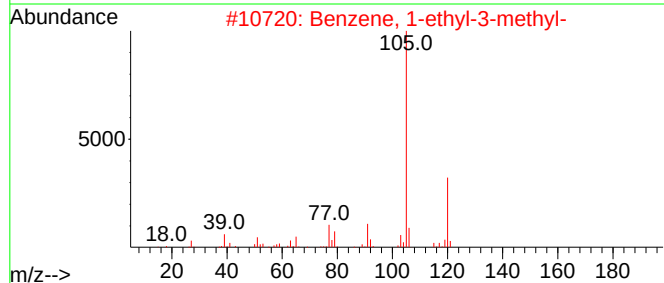
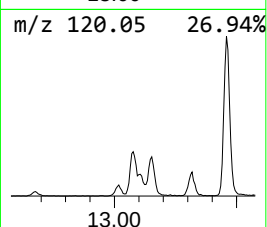
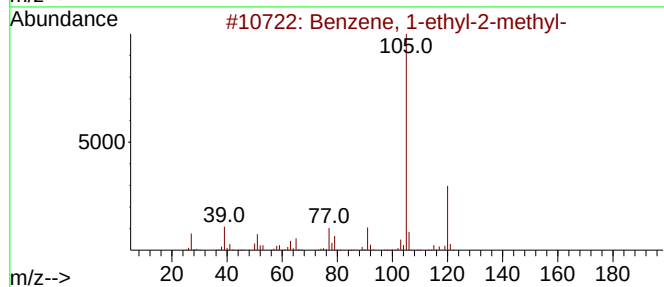
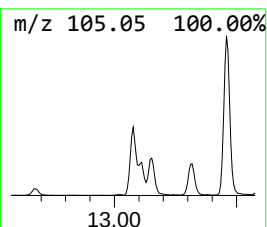
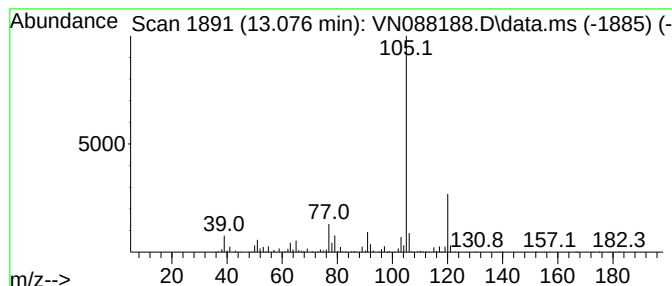
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.076	11.45 ug/l	708631	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Mesitylene	120	C9H12	000108-67-8	91



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Misc : 1.23g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

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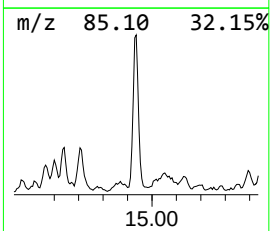
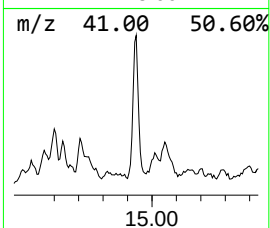
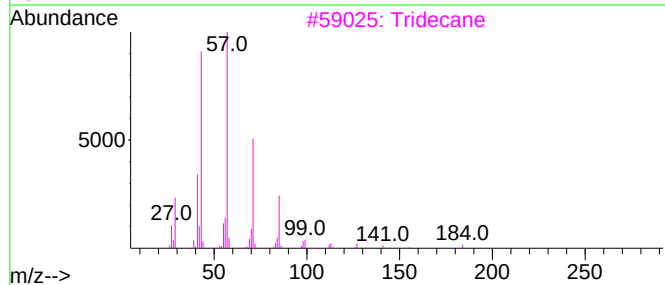
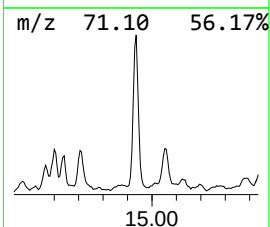
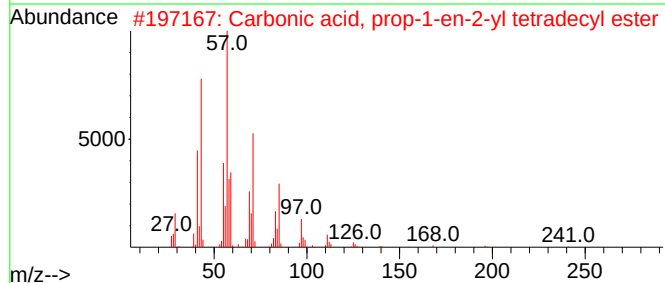
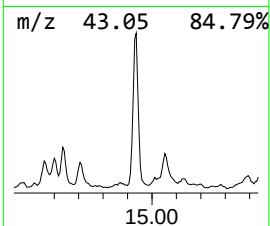
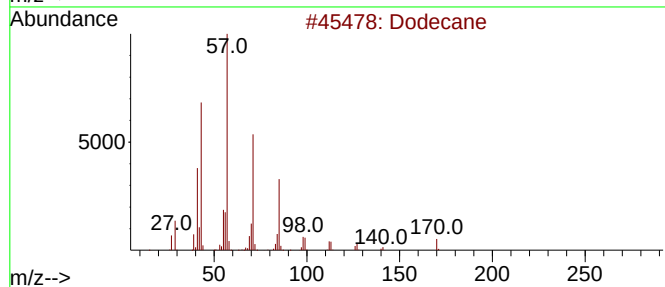
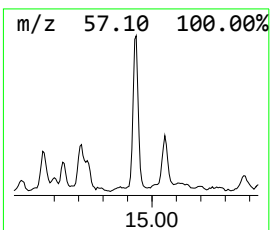
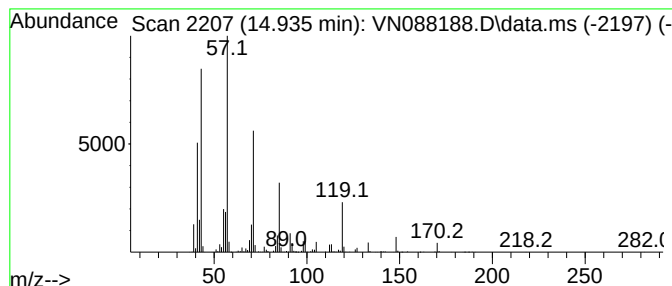
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.935	39.85 ug/l	2467170	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	93
2	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	58
3	Tridecane	184	C13H28	000629-50-5	58
4	Hexadecane	226	C16H34	000544-76-3	58
5	Undecane	156	C11H24	001120-21-4	58



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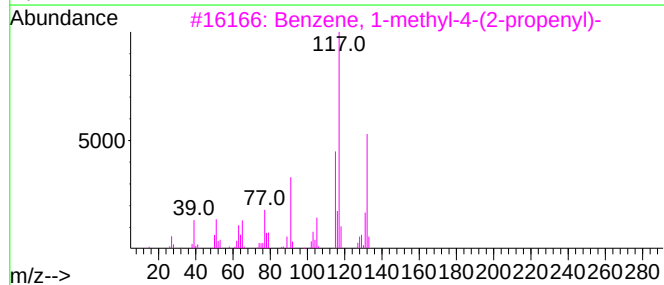
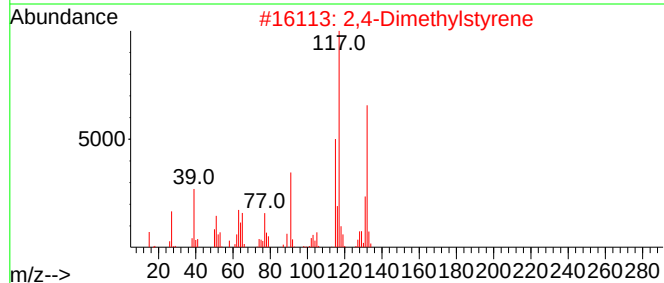
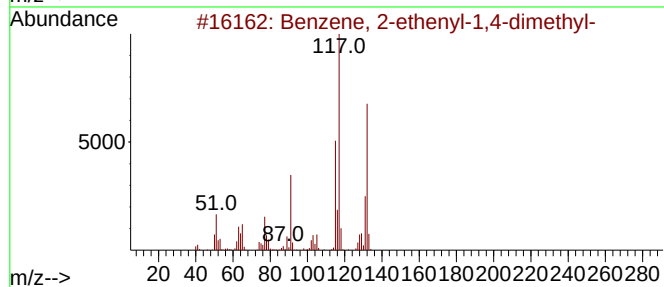
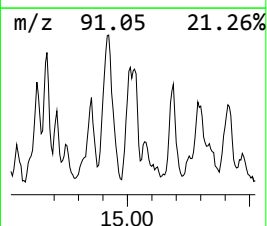
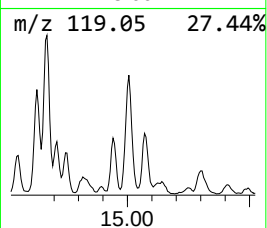
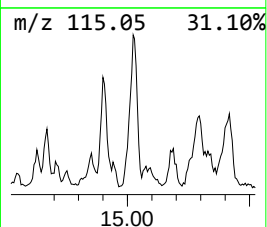
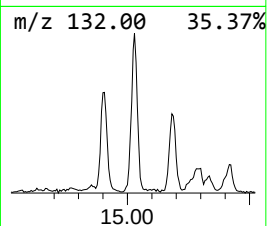
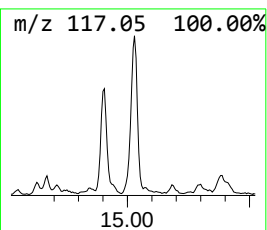
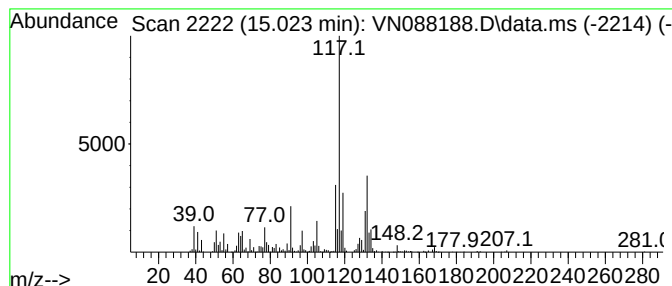
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.023	42.53 ug/l	2632960	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2			2,4-Dimethylstyrene	132	C10H12	002234-20-0	92
3			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70



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LAW-25-0151

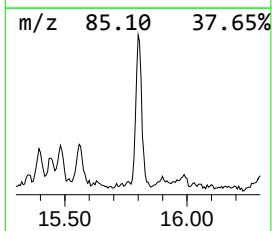
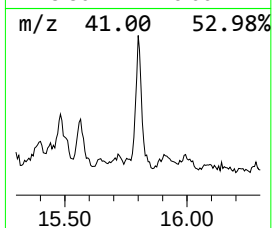
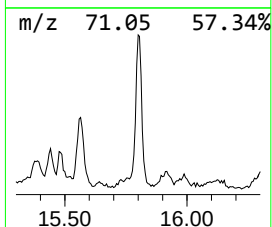
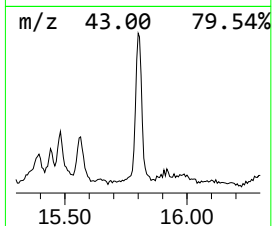
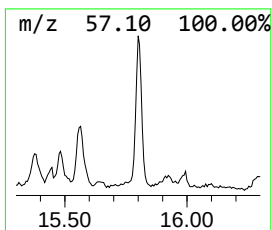
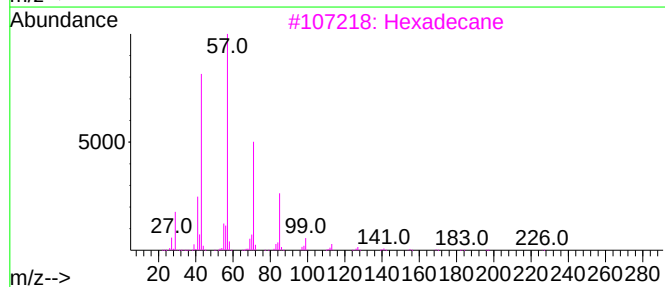
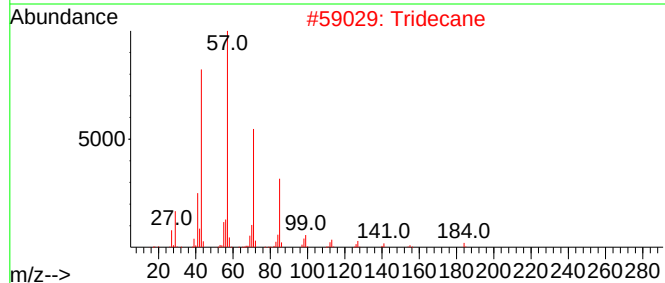
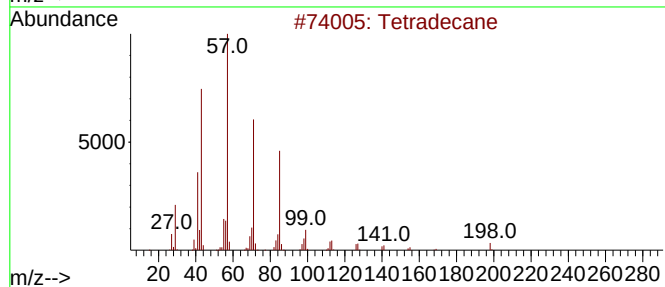
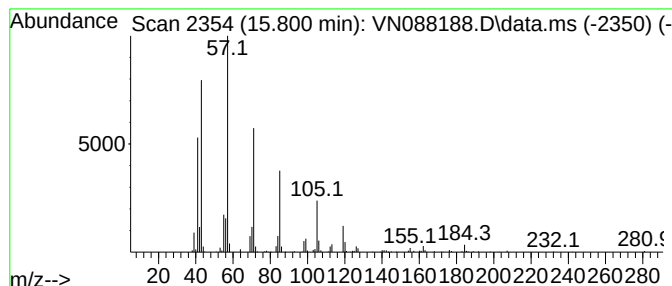
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Quant Title : SW846 8260

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

Peak Number 8 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.800	21.04 ug/l	1302630	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Tridecane	184	C13H28	000629-50-5	86
3			Hexadecane	226	C16H34	000544-76-3	52
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
5			3,5-Dimethyldodecane	198	C14H30	107770-99-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088188.D
Acq On : 31 Oct 2025 15:03
Operator : JC\MD
Sample : Q3490-01
Misc : 1.23g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

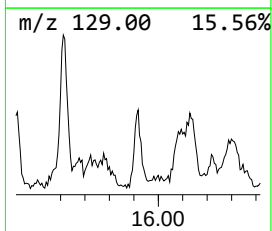
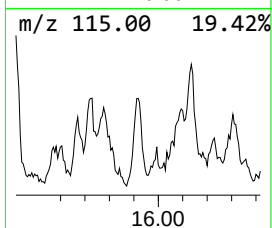
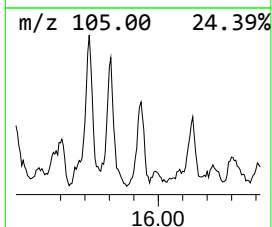
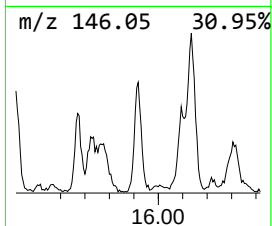
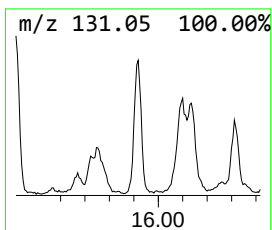
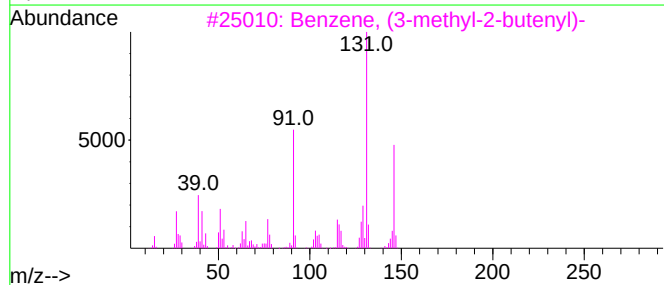
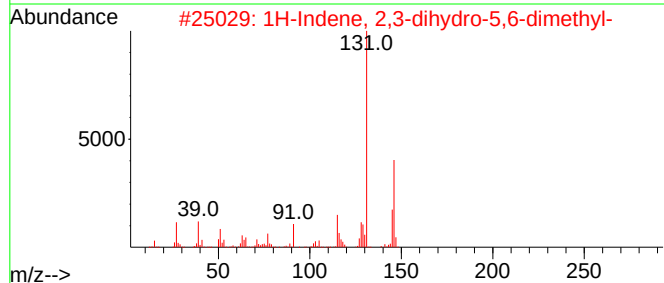
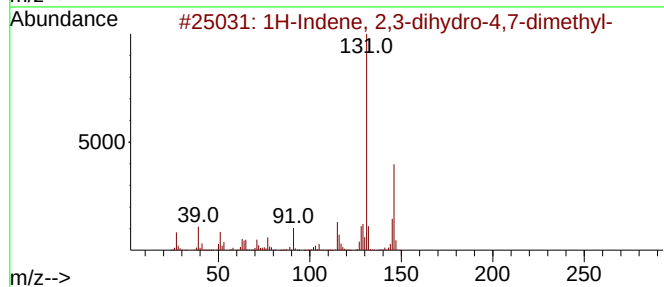
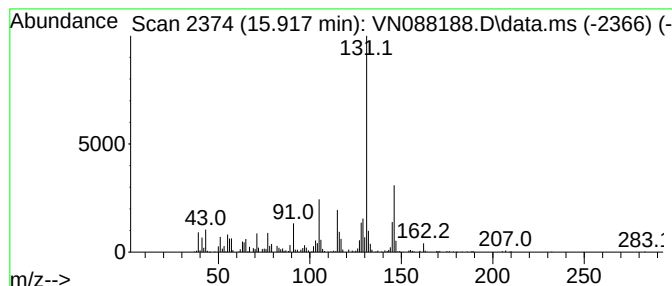
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.917	11.54 ug/l	714466	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
4			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088188.D
Acq On : 31 Oct 2025 15:03
Operator : JC\MD
Sample : Q3490-01
Misc : 1.23g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.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
Benzene, 1-ethy...	13.076	11.4	ug/l	708631	4	13.771	3095640	50.0
Dodecane	14.935	39.9	ug/l	2467170	4	13.771	3095640	50.0
Benzene, 2-ethe...	15.023	42.5	ug/l	2632960	4	13.771	3095640	50.0
Tetradecane	15.800	21.0	ug/l	1302630	4	13.771	3095640	50.0
1H-Indene, 2,3-...	15.917	11.5	ug/l	714466	4	13.771	3095640	50.0