

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088154.D
 Acq On : 29 Oct 2025 13:03
 Operator : JC\MD
 Sample : Q3468-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06

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: VN088154.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.259	549	562	563	rBV3	21606	43967	1.79%	0.119%
2	5.330	569	574	589	rVB7	22319	75857	3.08%	0.206%
3	5.800	643	654	669	rVB3	35875	125798	5.12%	0.341%
4	6.641	787	797	805	rBV5	18174	55028	2.24%	0.149%
5	7.059	860	868	877	rVB3	11310	30811	1.25%	0.084%
6	7.206	883	893	903	rBV2	63479	186919	7.60%	0.507%
7	7.312	903	911	920	rVB2	69411	194253	7.90%	0.527%
8	7.477	934	939	951	rVB5	10733	29213	1.19%	0.079%
9	7.988	1019	1026	1034	rVB6	19964	52102	2.12%	0.141%
10	8.153	1043	1054	1058	rBV	257734	631755	25.69%	1.714%
11	8.206	1058	1063	1073	rVV	392435	945663	38.46%	2.566%
12	8.306	1073	1080	1091	rVB2	277626	704003	28.63%	1.910%
13	8.430	1091	1101	1108	rBV2	56380	126338	5.14%	0.343%
14	8.565	1115	1124	1137	rBV2	317372	913983	37.17%	2.480%
15	8.741	1137	1154	1165	rVV	576899	1583244	64.39%	4.296%
16	8.835	1165	1170	1179	rVV4	30555	70242	2.86%	0.191%
17	8.924	1179	1185	1196	rVB9	10600	31452	1.28%	0.085%
18	9.082	1201	1212	1225	rBV	731999	1562833	63.56%	4.241%
19	9.177	1225	1228	1234	rVB5	13678	24764	1.01%	0.067%
20	9.359	1256	1259	1267	rVB4	11458	25911	1.05%	0.070%
21	9.571	1279	1295	1300	rBV7	99819	340613	13.85%	0.924%
22	9.624	1301	1304	1311	rVV2	57465	101713	4.14%	0.276%
23	9.706	1311	1318	1323	rVV2	46129	97129	3.95%	0.264%
24	9.759	1323	1327	1332	rVV2	25656	45435	1.85%	0.123%
25	9.847	1332	1342	1347	rVV6	18427	42258	1.72%	0.115%
26	9.912	1347	1353	1356	rBV6	16193	32152	1.31%	0.087%
27	9.994	1360	1367	1376	rVB	418470	856879	34.85%	2.325%
28	10.124	1376	1389	1403	rBV	629322	1367684	55.62%	3.711%
29	10.306	1412	1420	1427	rBV5	37723	94569	3.85%	0.257%
30	10.435	1435	1442	1444	rBV3	30689	52297	2.13%	0.142%
31	10.471	1444	1448	1454	rVV	46189	78216	3.18%	0.212%
32	10.547	1454	1461	1468	rVV	1057426	1936403	78.75%	5.255%
33	10.606	1468	1471	1479	rVB3	24435	54697	2.22%	0.148%
34	10.729	1485	1492	1503	rVB7	29197	87605	3.56%	0.238%
35	10.894	1513	1520	1524	rBV6	16745	33294	1.35%	0.090%
36	10.965	1525	1532	1541	rVV5	53667	159078	6.47%	0.432%

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Integrator: RTE

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37	11.047	1541	1546	1555	rVB6	14804	37483	1.52%	0.102%
38	11.235	1567	1578	1581	rBV7	18004	42351	1.72%	0.115%
39	11.359	1594	1599	1603	rBV6	14149	26582	1.08%	0.072%
40	11.847	1673	1682	1692	rBV	991675	1862572	75.75%	5.054%
41	11.941	1692	1698	1710	rVV	148511	294069	11.96%	0.798%
42	12.053	1710	1717	1729	rVB	119868	261722	10.64%	0.710%
43	12.376	1762	1772	1789	rVB	104970	220855	8.98%	0.599%
44	12.671	1815	1822	1833	rBV	625908	1097306	44.63%	2.978%
45	12.829	1840	1849	1861	rBV	734410	1357570	55.21%	3.684%
46	13.012	1872	1880	1889	rBV	1412879	2458944	100.00%	6.673%
47	13.106	1893	1896	1901	rVV4	40091	82980	3.37%	0.225%
48	13.153	1901	1904	1917	rVB2	35020	61836	2.51%	0.168%
49	13.318	1925	1932	1941	rBV	137289	250008	10.17%	0.678%
50	13.412	1942	1948	1951	rVV5	14496	29203	1.19%	0.079%
51	13.459	1951	1956	1964	rVB	166068	279866	11.38%	0.759%
52	13.588	1969	1978	1986	rBV3	166701	434698	17.68%	1.180%
53	13.770	2002	2009	2020	rBV2	1041326	2126107	86.46%	5.769%
54	13.859	2020	2024	2029	rVB3	40673	73459	2.99%	0.199%
55	13.929	2029	2036	2039	rBV	898791	1477324	60.08%	4.009%
56	13.970	2039	2043	2048	rVV	1257700	1873754	76.20%	5.085%
57	14.094	2059	2064	2070	rVB	156407	247212	10.05%	0.671%
58	14.159	2070	2075	2082	rVB2	35128	58083	2.36%	0.158%
59	14.247	2082	2090	2094	rBV2	67353	139523	5.67%	0.379%
60	14.306	2094	2100	2107	rVV	1127087	1751965	71.25%	4.754%
61	14.376	2107	2112	2114	rVV2	81903	136775	5.56%	0.371%
62	14.417	2114	2119	2127	rVB2	659589	1180437	48.01%	3.203%
63	14.553	2138	2142	2146	rVB3	23397	33302	1.35%	0.090%
64	14.629	2146	2155	2164	rBV	728711	1241452	50.49%	3.369%
65	14.712	2164	2169	2173	rBV	83801	120869	4.92%	0.328%
66	14.782	2177	2181	2184	rVB4	30691	34811	1.42%	0.094%
67	14.853	2190	2193	2196	rVB4	22386	30627	1.25%	0.083%
68	14.906	2196	2202	2207	rBV2	281649	483579	19.67%	1.312%
69	15.029	2213	2223	2228	rBV2	333366	757728	30.82%	2.056%
70	15.076	2228	2231	2240	rVB3	61265	135645	5.52%	0.368%
71	15.182	2245	2249	2256	rBV5	35434	72974	2.97%	0.198%
72	15.294	2259	2268	2273	rVV	202407	414312	16.85%	1.124%
73	15.335	2273	2275	2279	rVV2	34046	55647	2.26%	0.151%
74	15.406	2280	2287	2295	rVB3	148798	340889	13.86%	0.925%
75	15.611	2315	2322	2330	rVV	955456	1846927	75.11%	5.012%
76	15.723	2336	2341	2346	rBV4	33561	58422	2.38%	0.159%

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77	15.917	2367	2374	2383	rBV2	77843	170187	6.92%	0.462%
78	16.100	2400	2405	2406	rBV5	24442	32565	1.32%	0.088%
79	16.223	2419	2426	2433	rBV2	76023	171804	6.99%	0.466%
80	16.311	2434	2441	2449	rVB4	32564	86762	3.53%	0.235%
81	16.682	2499	2504	2510	rVB5	17032	35441	1.44%	0.096%
82	16.747	2510	2515	2521	rBV2	31893	70968	2.89%	0.193%

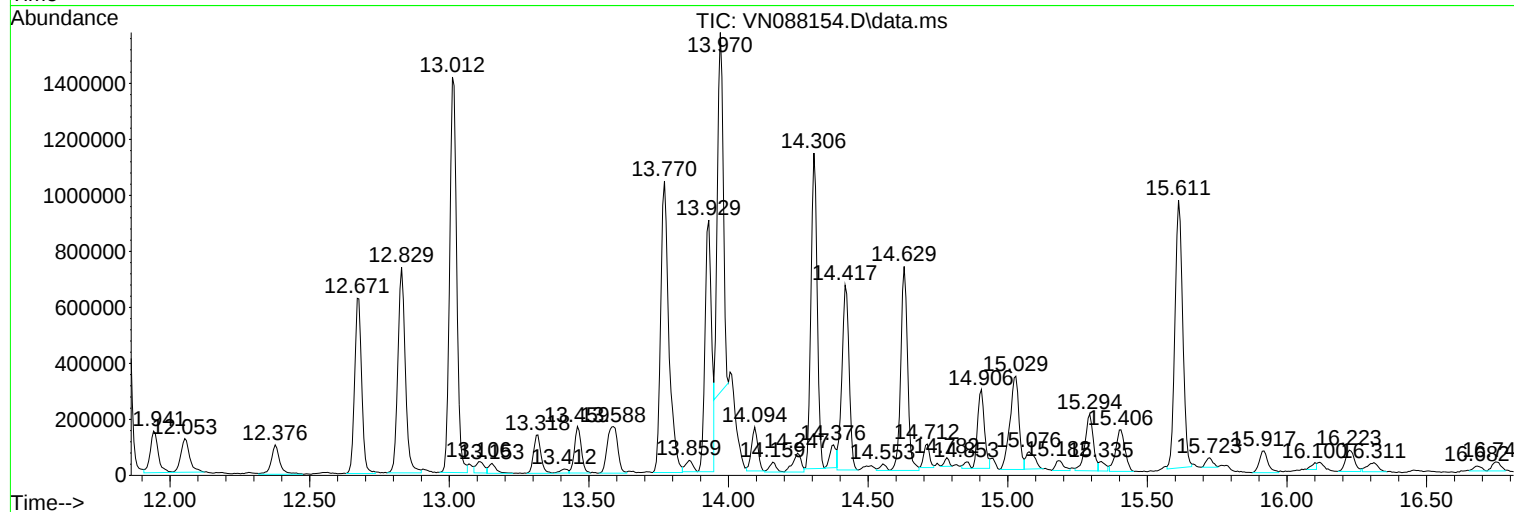
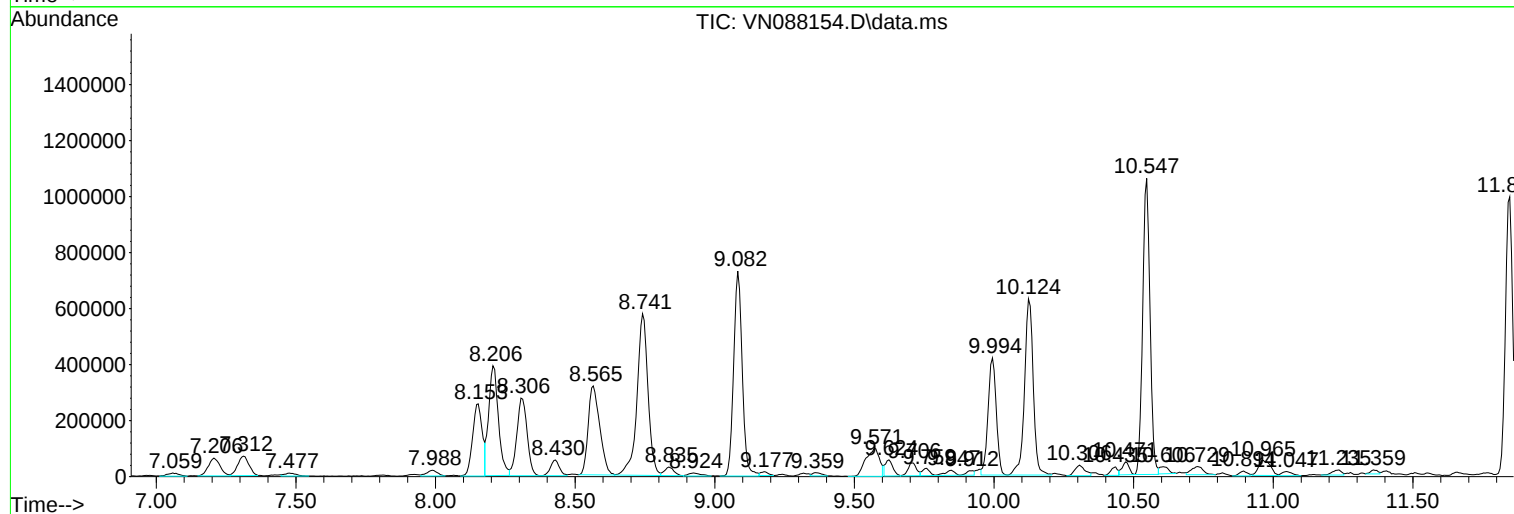
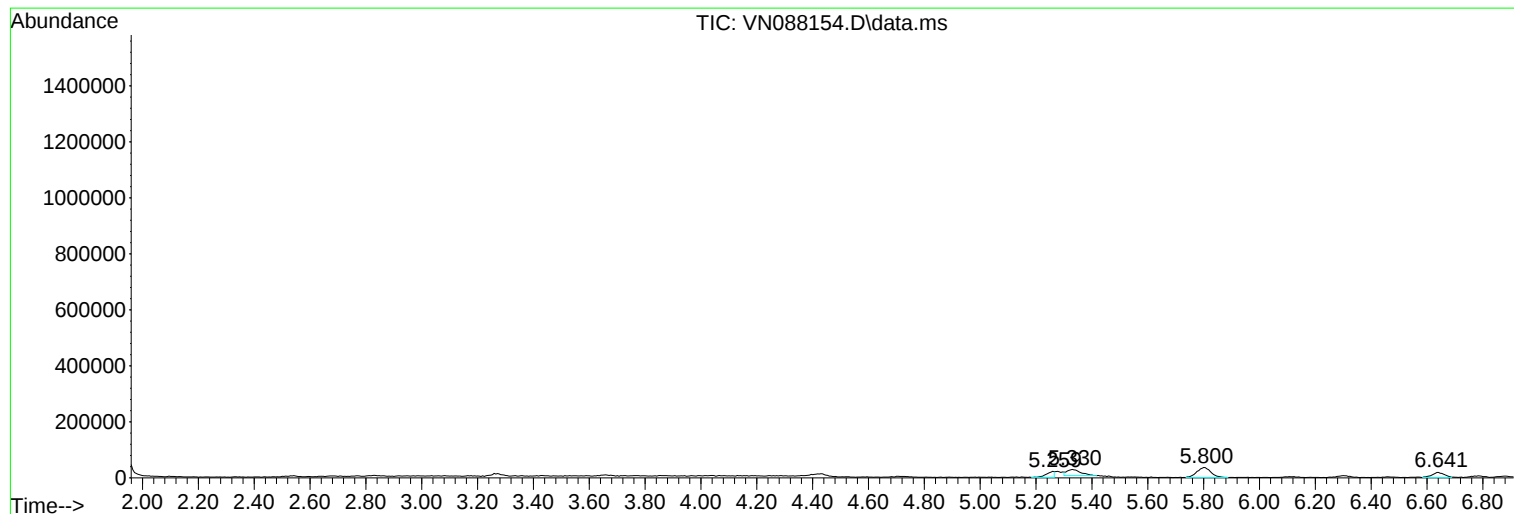
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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



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ALS Vial : 10 Sample Multiplier: 1

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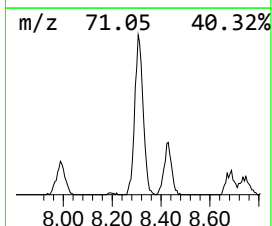
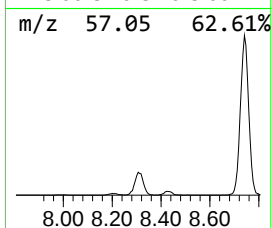
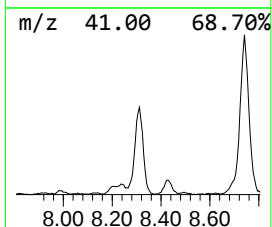
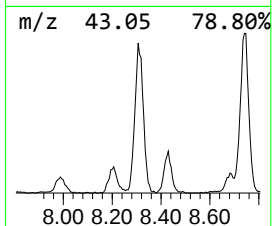
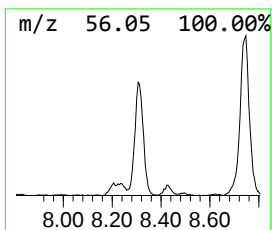
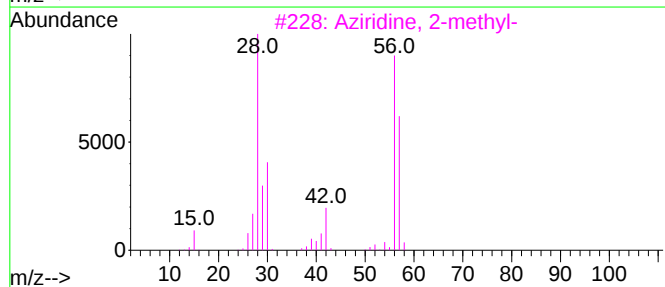
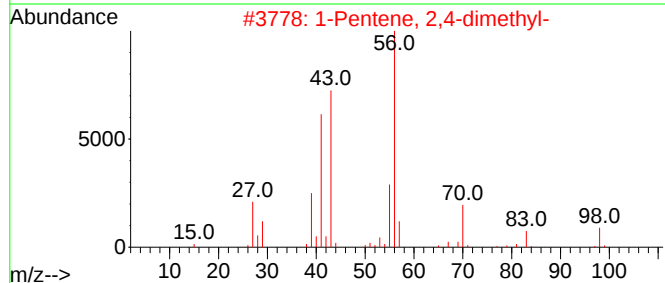
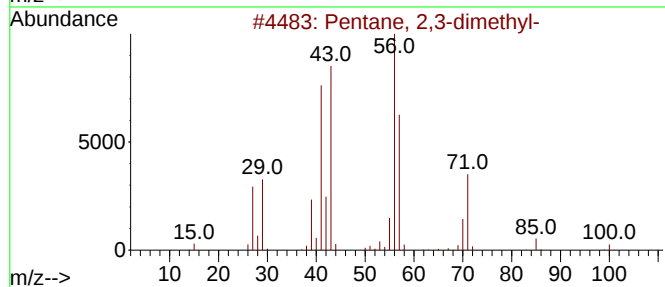
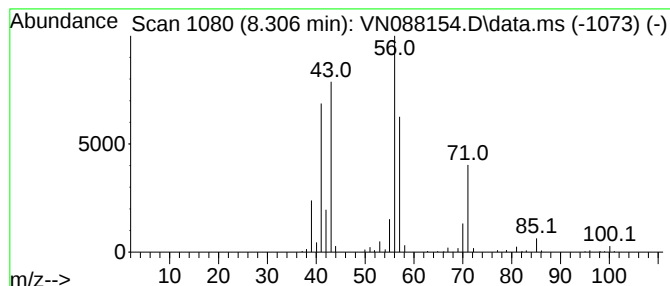
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.306	37.22 ug/l	704003	Pentafluorobenzene	8.206

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	50
3		Aziridine, 2-methyl-	57	C3H7N	000075-55-8	43
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	43
5		Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	43



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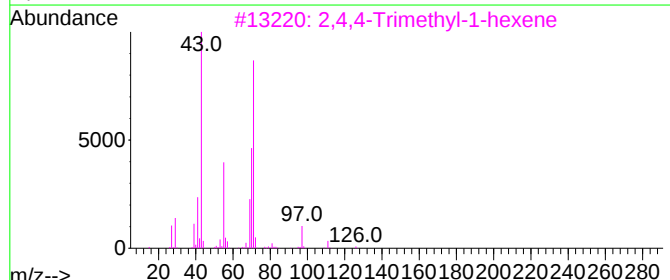
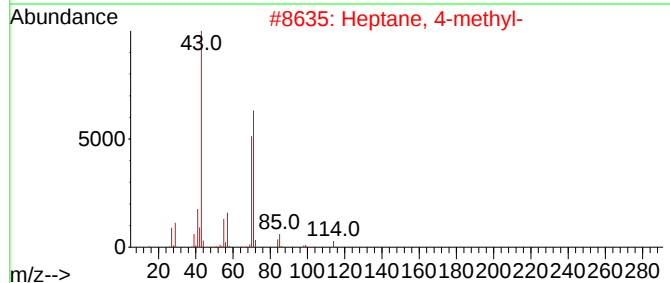
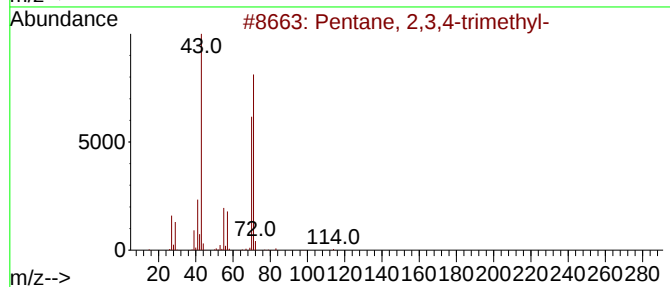
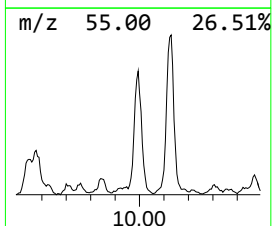
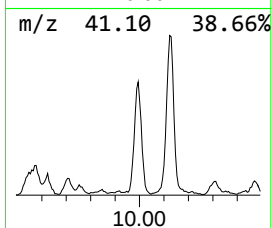
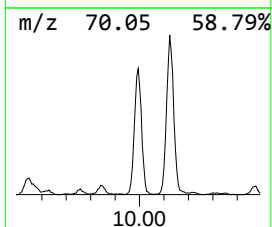
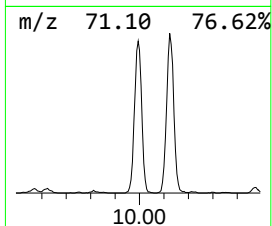
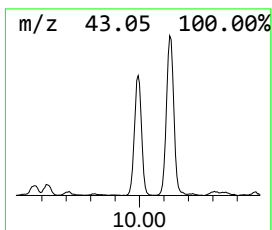
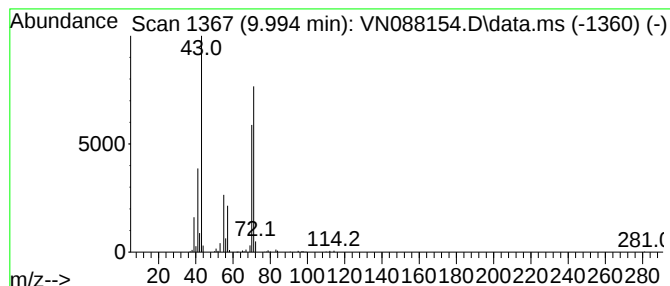
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.994	27.41 ug/l	856879	1,4-Difluorobenzene	9.082

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	78
5			Pentane, 3-ethyl-	100	C7H16	000617-78-7	74



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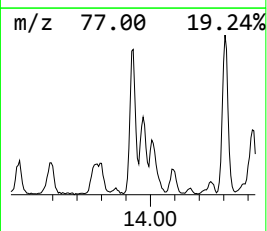
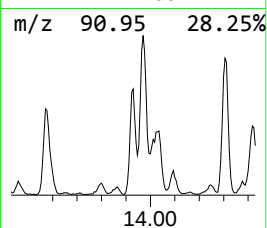
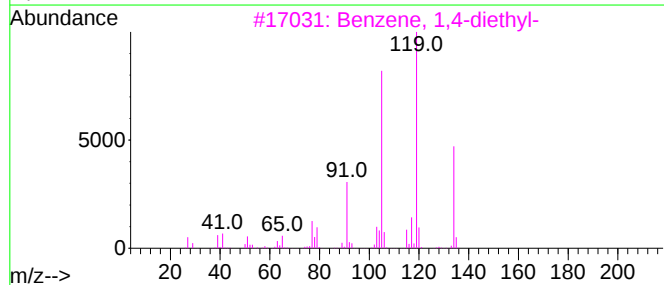
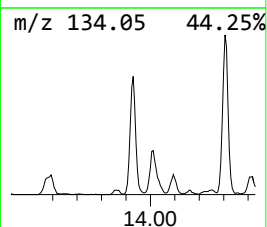
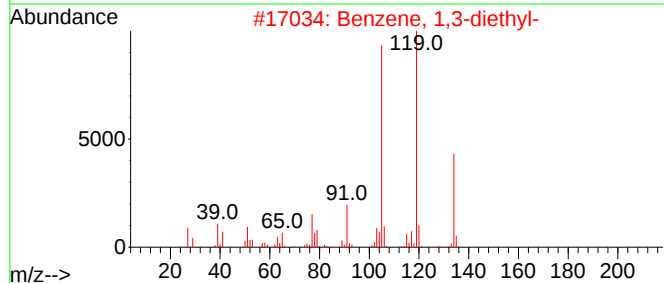
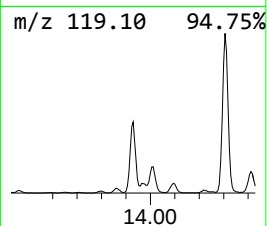
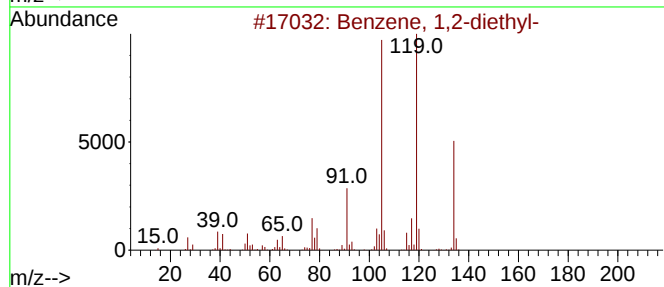
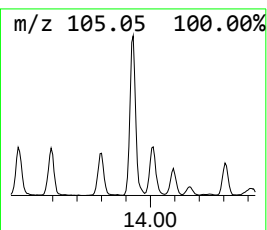
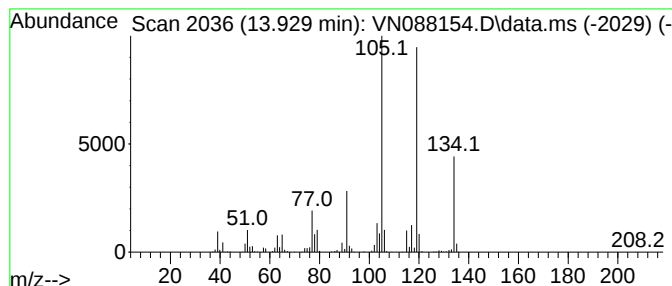
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.929	34.74 ug/l	1477320	1,4-Dichlorobenzene-d4	13.770

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4			o-Cymene	134	C10H14	000527-84-4	81
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81



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MW-06

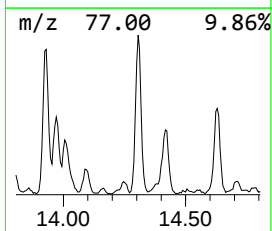
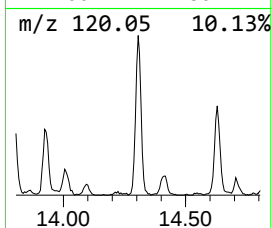
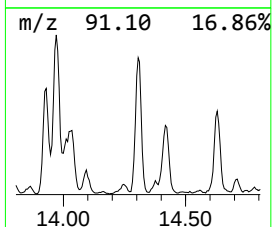
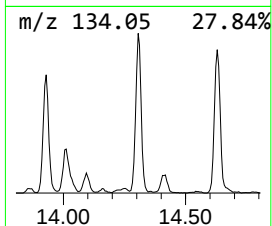
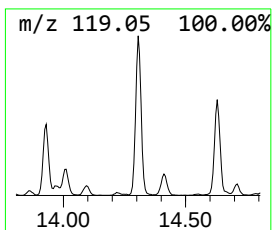
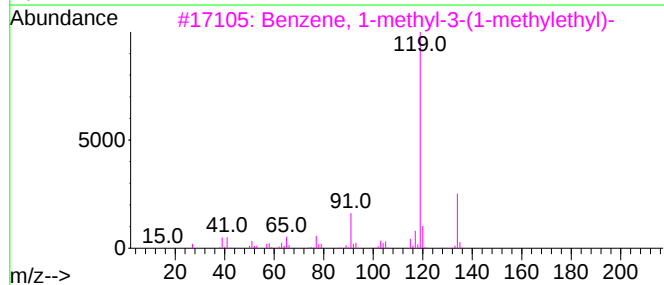
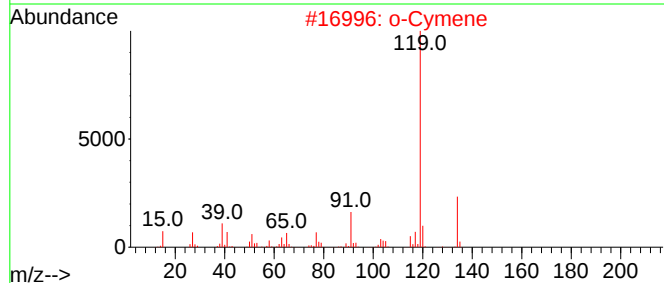
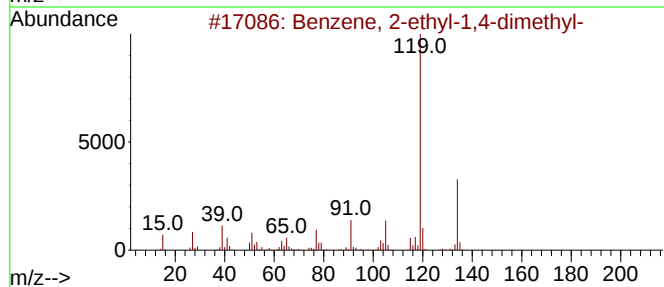
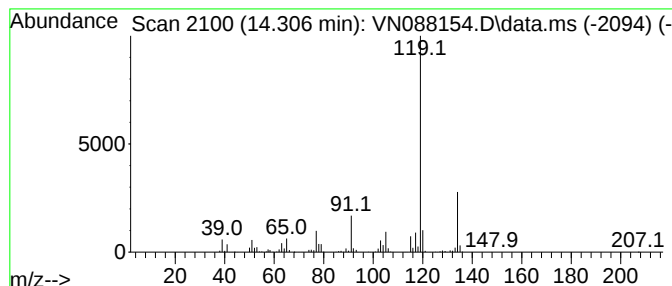
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	41.20 ug/l	1751970	1,4-Dichlorobenzene-d4	13.770

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4			p-Cymene	134	C10H14	000099-87-6	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
Data File : VN088154.D
Acq On : 29 Oct 2025 13:03
Operator : JC\MD
Sample : Q3468-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

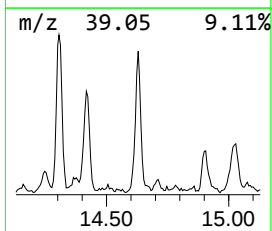
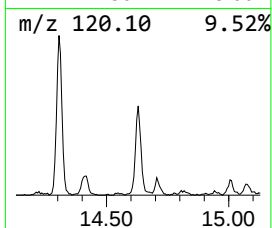
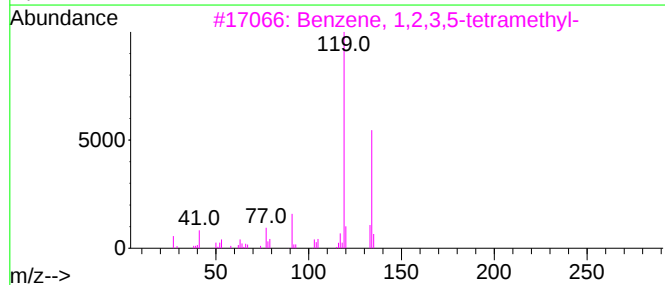
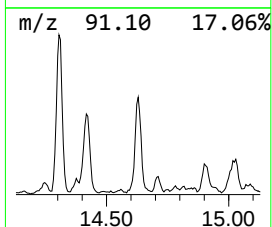
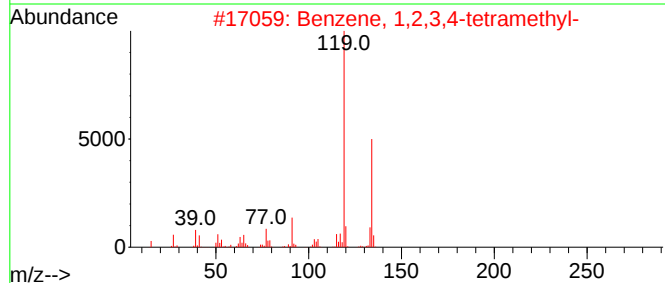
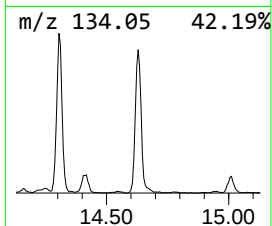
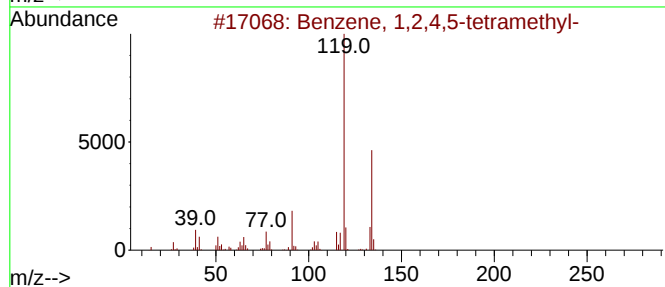
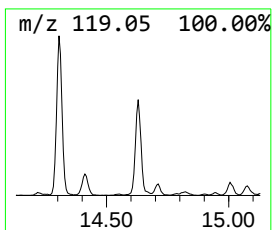
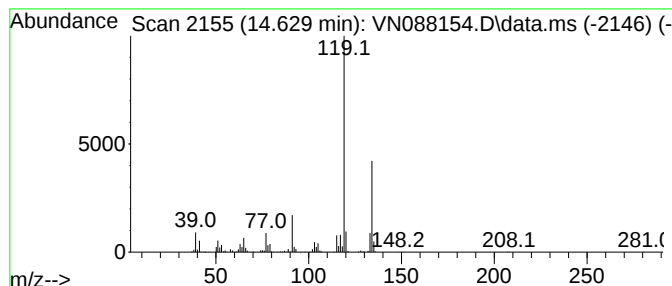
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.629	29.20 ug/l	1241450	1,4-Dichlorobenzene-d4	13.770

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
Data File : VN088154.D
Acq On : 29 Oct 2025 13:03
Operator : JC\MD
Sample : Q3468-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

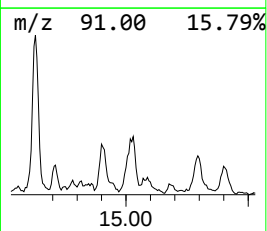
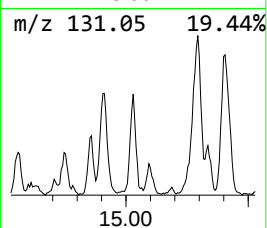
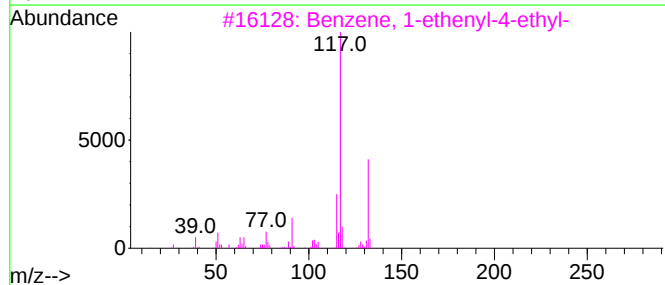
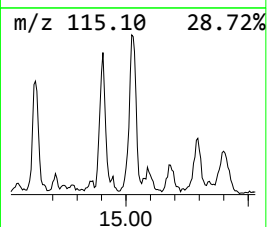
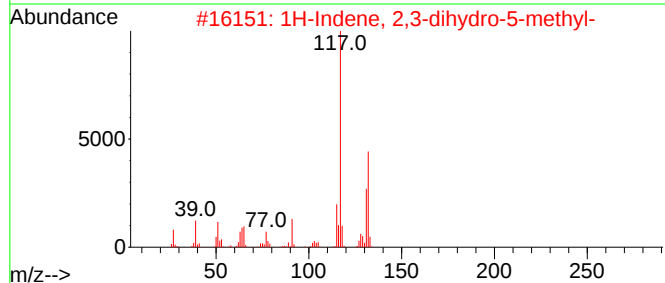
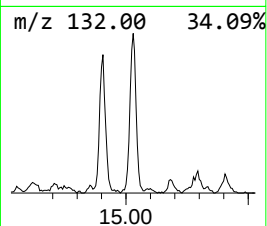
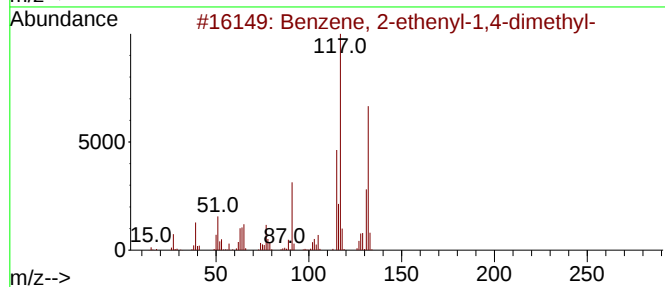
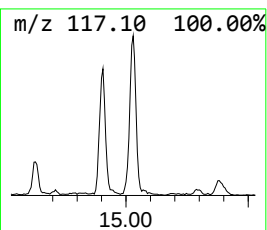
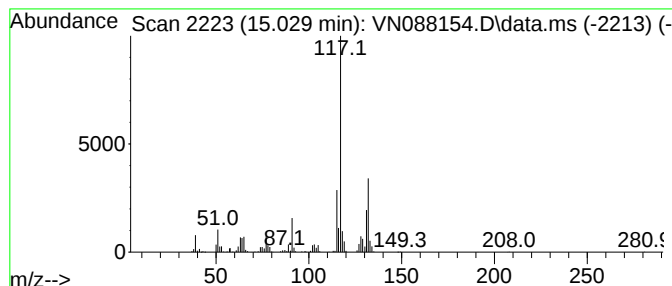
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.029	17.82 ug/l	757728	1,4-Dichlorobenzene-d4	13.770

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
Data File : VN088154.D
Acq On : 29 Oct 2025 13:03
Operator : JC\MD
Sample : Q3468-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.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
Pentane, 2,3-di...	8.306	37.2	ug/l	704003	1	8.206	945663	50.0
Pentane, 2,3,4-...	9.994	27.4	ug/l	856879	2	9.082	1562830	50.0
Benzene, 1,2-di...	13.929	34.7	ug/l	1477320	4	13.770	2126110	50.0
Benzene, 2-ethy...	14.306	41.2	ug/l	1751970	4	13.770	2126110	50.0
Benzene, 1,2,4,...	14.629	29.2	ug/l	1241450	4	13.770	2126110	50.0
Benzene, 2-ethe...	15.029	17.8	ug/l	757728	4	13.770	2126110	50.0