

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087591.D
 Acq On : 15 Aug 2025 18:34
 Operator : JC\MD
 Sample : Q2827-07
 Misc : 4.47g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9-VOC

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\82N071625W.M
 Title : SW846 8260

Signal : TIC: VN087591.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	72	rBV	44148	77423	1.14%	0.082%
2	2.848	137	152	153	rBV4	55562	162429	2.39%	0.171%
3	6.271	723	734	746	rBV3	28287	93969	1.38%	0.099%
4	8.147	1042	1053	1057	rBV	274196	650749	9.56%	0.685%
5	8.200	1057	1062	1073	rVB	420446	985045	14.47%	1.037%
6	8.559	1114	1123	1134	rBV2	330644	750240	11.02%	0.790%
7	9.083	1202	1212	1223	rBV	754947	1577559	23.17%	1.661%
8	10.547	1451	1461	1476	rBV	1163516	2172467	31.91%	2.288%
9	10.988	1529	1536	1544	rBV6	25018	72253	1.06%	0.076%
10	11.065	1544	1549	1556	rVB3	37770	71272	1.05%	0.075%
11	11.147	1556	1563	1569	rBV	81583	154654	2.27%	0.163%
12	11.253	1572	1581	1589	rBV3	62856	151152	2.22%	0.159%
13	11.400	1598	1606	1610	rBV	68776	132588	1.95%	0.140%
14	11.453	1610	1615	1620	rVB	118108	210596	3.09%	0.222%
15	11.553	1627	1632	1636	rBV2	96534	155906	2.29%	0.164%
16	11.588	1636	1638	1645	rVV2	40328	85190	1.25%	0.090%
17	11.653	1645	1649	1655	rVB2	70665	117519	1.73%	0.124%
18	11.724	1655	1661	1667	rBV	83996	151173	2.22%	0.159%
19	11.847	1674	1682	1694	rBV	1035996	1919301	28.19%	2.021%
20	12.035	1708	1714	1719	rVV7	81330	196255	2.88%	0.207%
21	12.088	1719	1723	1727	rVV	114358	165908	2.44%	0.175%
22	12.129	1727	1730	1735	rVB2	118001	196104	2.88%	0.207%
23	12.188	1736	1740	1747	rBV6	37474	96650	1.42%	0.102%
24	12.271	1749	1754	1759	rVB3	69746	127769	1.88%	0.135%
25	12.353	1760	1768	1779	rBV6	235825	731411	10.74%	0.770%
26	12.459	1780	1786	1791	rVB	437625	720505	10.58%	0.759%
27	12.571	1791	1805	1814	rBV6	453188	1864053	27.38%	1.963%
28	12.676	1818	1823	1825	rBV5	101011	191009	2.81%	0.201%
29	12.829	1843	1849	1856	rVB	808715	1363971	20.03%	1.436%
30	12.912	1856	1863	1867	rBV5	163295	376680	5.53%	0.397%
31	13.000	1873	1878	1884	rVB3	463933	891738	13.10%	0.939%
32	13.071	1884	1890	1894	rBV5	205751	415188	6.10%	0.437%
33	13.147	1895	1903	1909	rBV4	623484	1775404	26.08%	1.870%
34	13.200	1910	1912	1918	rVB3	326305	484145	7.11%	0.510%
35	13.288	1922	1927	1931	rBV3	279070	472529	6.94%	0.498%
36	13.335	1931	1935	1938	rBV3	201078	310988	4.57%	0.328%

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37	13.376	1938	1942	1948	rVV5	224776	409638	6.02%	0.431%
38	13.500	1956	1963	1967	rBV5	429759	939484	13.80%	0.989%
39	13.553	1967	1972	1975	rVV	422669	667244	9.80%	0.703%
40	13.594	1976	1979	1983	rVB2	195331	233369	3.43%	0.246%
41	13.659	1984	1990	1994	rBV4	816233	1632238	23.97%	1.719%
42	13.771	2004	2009	2018	rVB2	1265681	2775972	40.77%	2.923%
43	13.923	2028	2035	2044	rBV5	555287	1333346	19.58%	1.404%
44	14.094	2058	2064	2068	rBV3	1407471	2633774	38.68%	2.774%
45	14.194	2077	2081	2085	rBV3	451425	653388	9.60%	0.688%
46	14.306	2096	2100	2112	rVB	1369668	3053512	44.85%	3.216%
47	14.418	2113	2119	2124	rBV4	730332	1615052	23.72%	1.701%
48	14.476	2125	2129	2135	rVB6	457010	828324	12.17%	0.872%
49	14.606	2145	2151	2164	rVB4	2056004	5210448	76.53%	5.487%
50	14.712	2165	2169	2172	rBV2	515447	813684	11.95%	0.857%
51	14.770	2175	2179	2184	rVB3	1006066	1557915	22.88%	1.641%
52	14.823	2184	2188	2193	rBV4	357173	723245	10.62%	0.762%
53	14.912	2199	2203	2207	rBV3	433335	756186	11.11%	0.796%
54	15.018	2215	2221	2227	rBV3	1966168	4577632	67.24%	4.821%
55	15.076	2227	2231	2239	rVB4	1301495	2528162	37.13%	2.662%
56	15.200	2250	2252	2256	rVB3	307849	315621	4.64%	0.332%
57	15.247	2256	2260	2263	rBV6	550081	1009295	14.82%	1.063%
58	15.288	2263	2267	2272	rVB3	1384523	2466344	36.23%	2.597%
59	15.341	2273	2276	2282	rVB3	460004	814039	11.96%	0.857%
60	15.417	2282	2289	2295	rBV4	1355910	3308672	48.60%	3.484%
61	15.570	2309	2315	2323	rVB	3660368	6808302	100.00%	7.170%
62	15.670	2324	2332	2337	rBV3	1398737	3908169	57.40%	4.116%
63	15.765	2344	2348	2355	rVB7	1056888	2293187	33.68%	2.415%
64	15.917	2366	2374	2381	rBV3	1215093	3583182	52.63%	3.774%
65	16.088	2399	2403	2407	rBV3	639690	1269755	18.65%	1.337%
66	16.141	2407	2412	2422	rVB3	1707521	3369657	49.49%	3.549%
67	16.470	2461	2468	2472	rBV4	1275963	3261858	47.91%	3.435%
68	16.582	2481	2487	2496	rBV	2748718	5348272	78.56%	5.632%
69	16.676	2498	2503	2510	rVB2	1861736	4185338	61.47%	4.408%

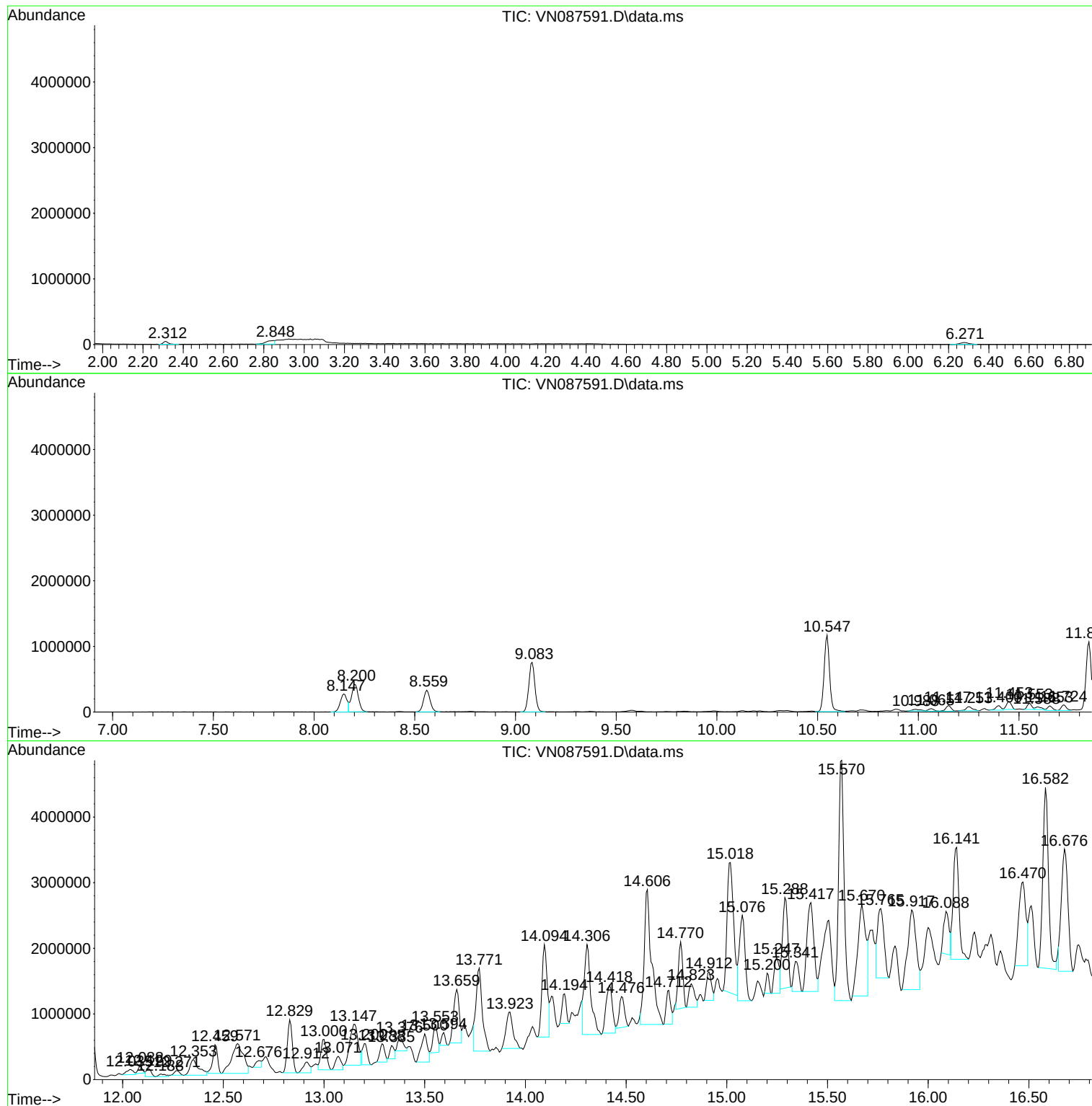
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TP-9-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_N
ClientSampleId :
TP-9-VOC

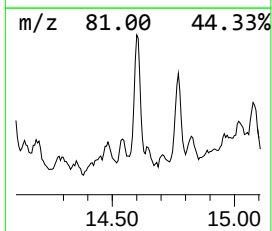
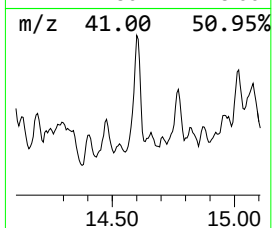
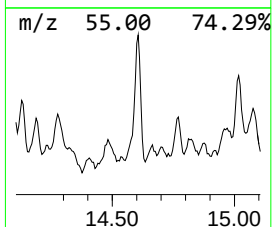
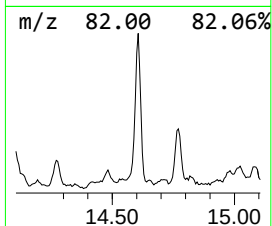
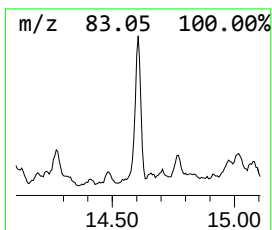
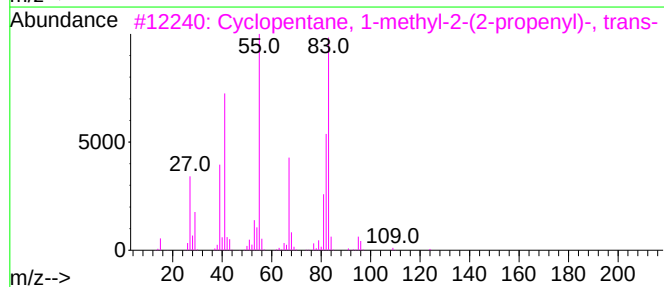
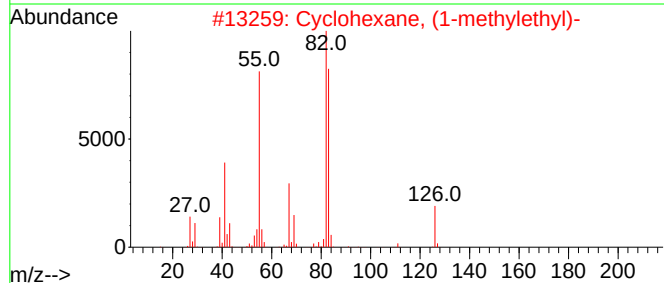
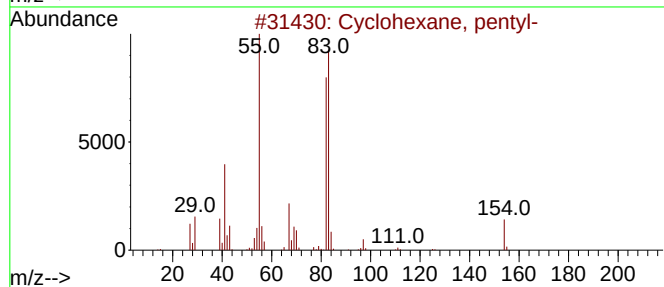
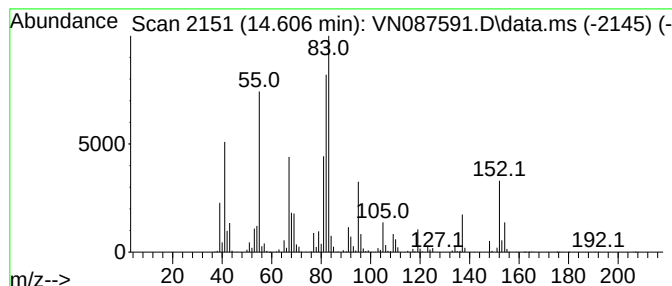
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, pentyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.606	93.85 ug/l	5210450	1,4-Dichlorobenzene-d4	13.771

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
3		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	47
4		Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	46
5		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	38



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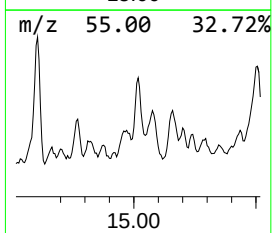
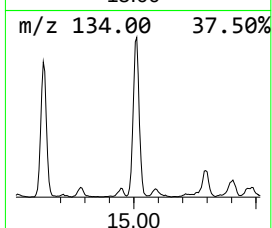
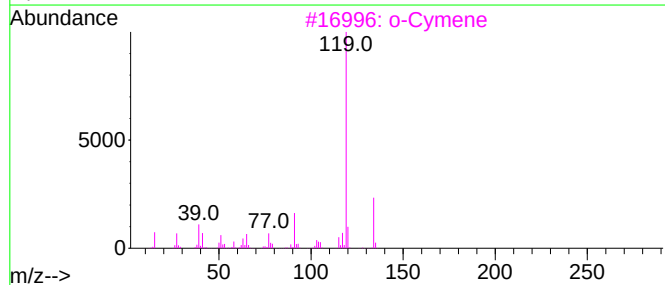
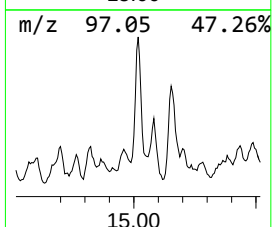
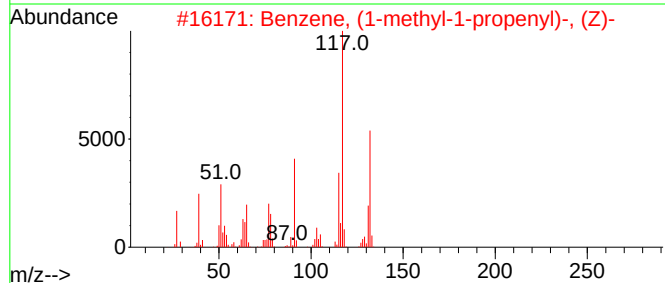
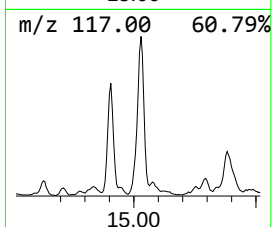
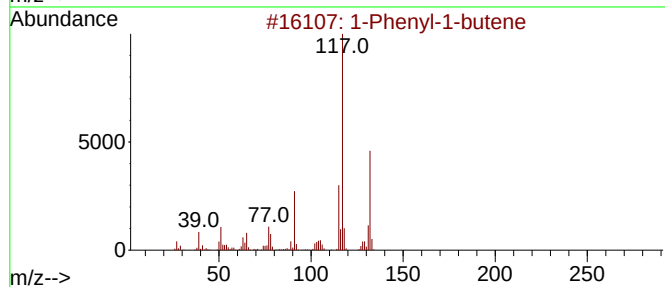
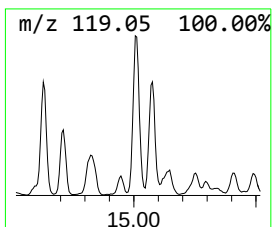
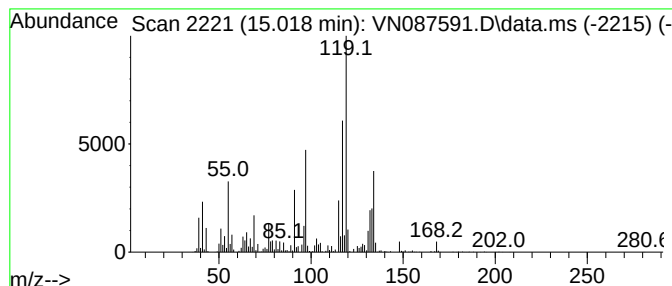
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

Peak Number 2 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.018	82.45 ug/l	4577630	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	74
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	47
3			o-Cymene	134	C10H14	000527-84-4	46
4			p-Cymene	134	C10H14	000099-87-6	46
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	41



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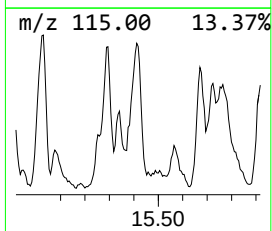
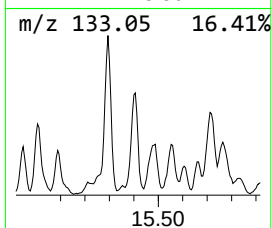
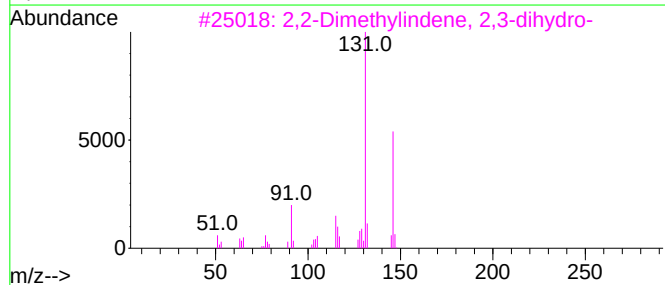
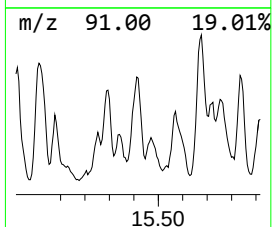
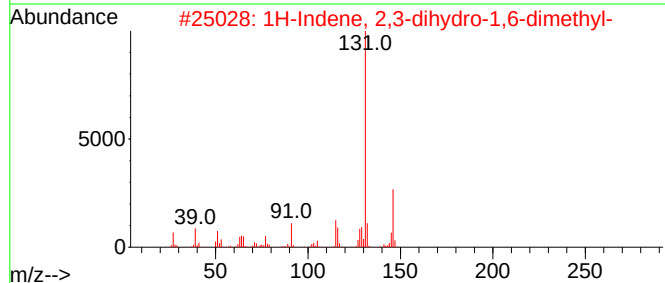
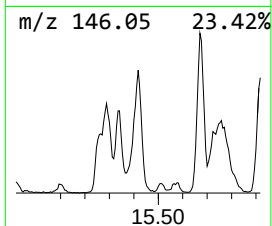
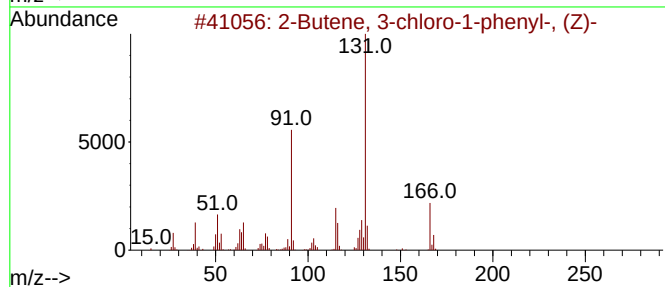
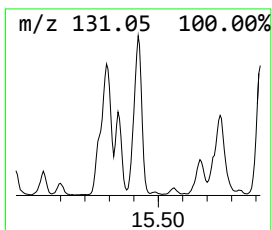
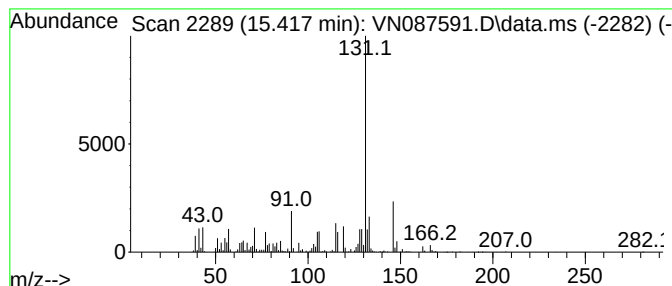
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 2-Butene, 3-chloro-1-phenyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.418	59.59 ug/l	3308670	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	83		
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81		
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81		
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81		
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81		



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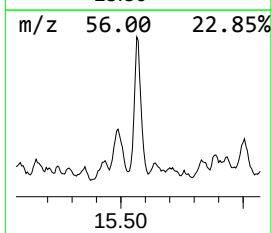
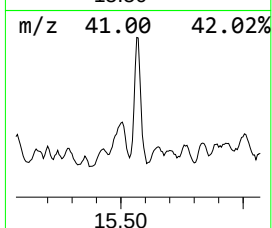
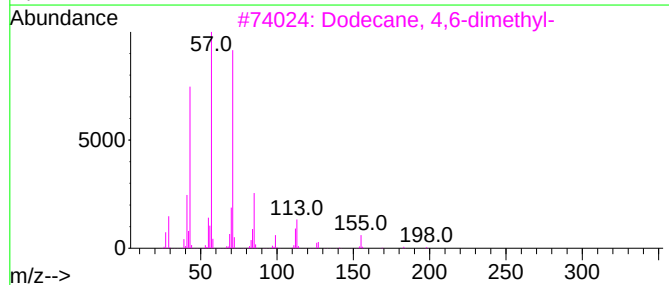
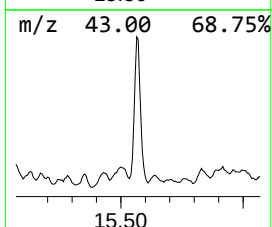
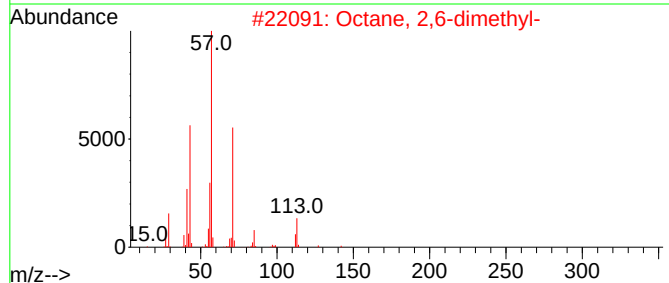
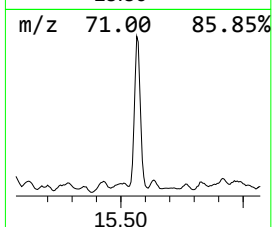
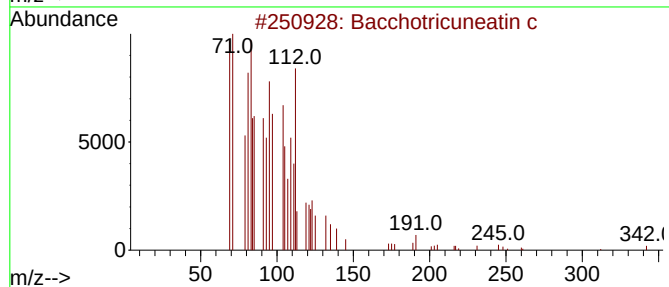
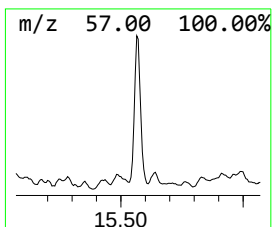
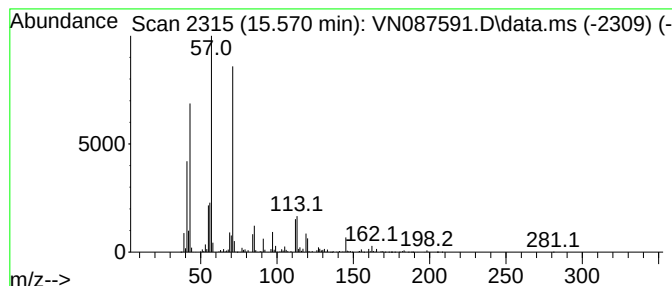
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Bacchotricuneatin c Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.570	122.63 ug/l	6808300	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4			Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	50
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
Data File : VN087591.D
Acq On : 15 Aug 2025 18:34
Operator : JC\MD
Sample : Q2827-07
Misc : 4.47g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-9-VOC

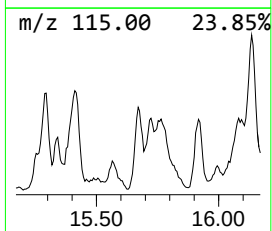
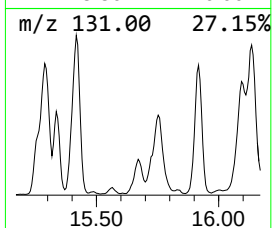
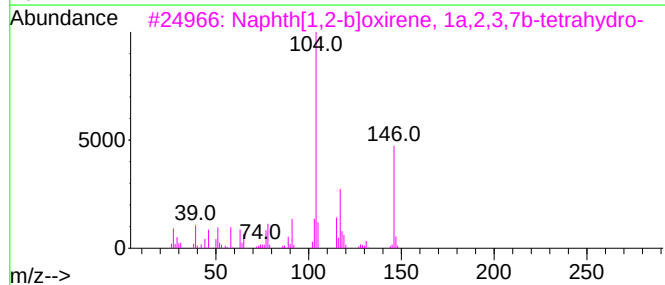
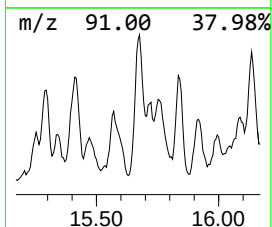
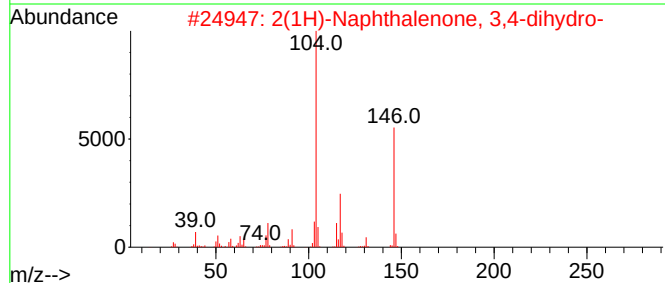
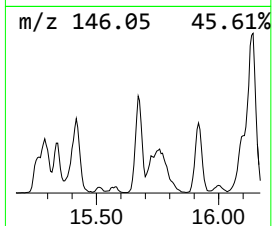
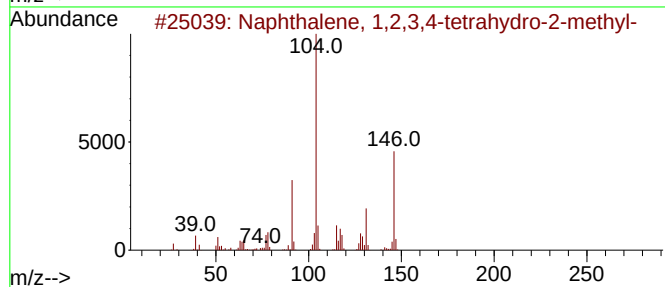
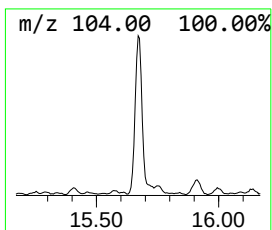
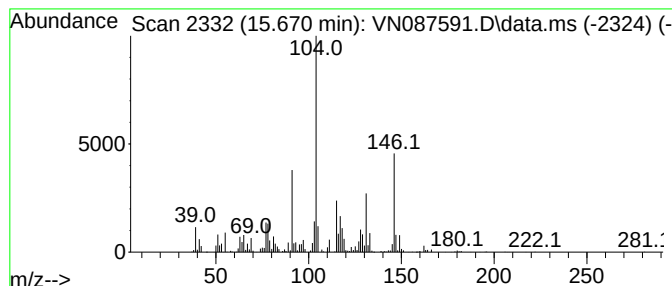
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.670	70.39 ug/l	3908170	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2			2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	76
3			Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4			2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	45
5			2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
Data File : VN087591.D
Acq On : 15 Aug 2025 18:34
Operator : JC\MD
Sample : Q2827-07
Misc : 4.47g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-9-VOC

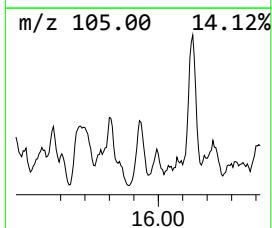
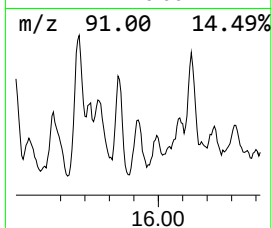
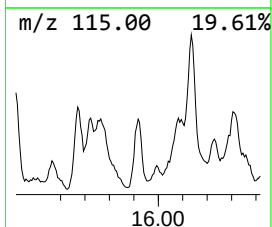
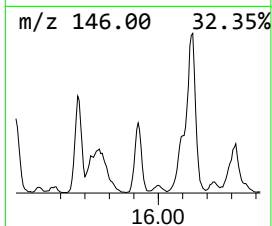
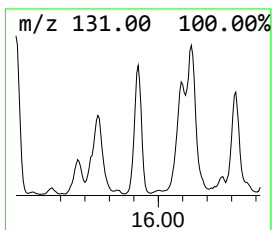
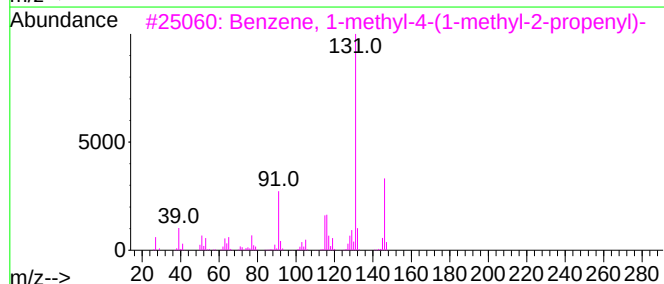
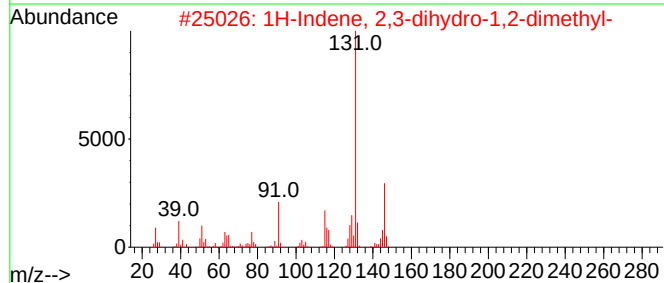
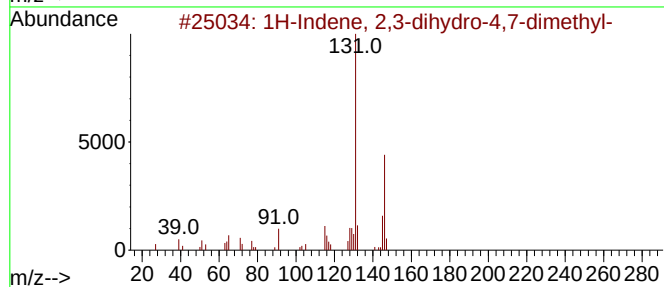
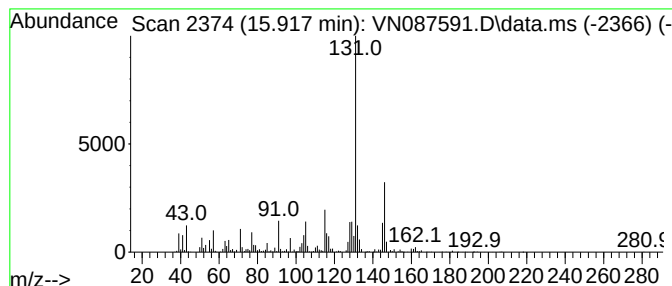
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Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.917	64.54 ug/l	3583180	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	95
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
4			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	91
5			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
Data File : VN087591.D
Acq On : 15 Aug 2025 18:34
Operator : JC\MD
Sample : Q2827-07
Misc : 4.47g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-9-VOC

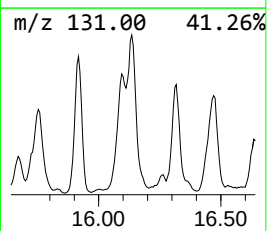
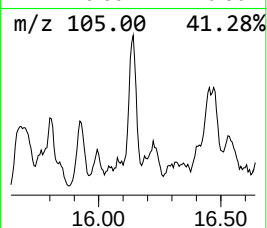
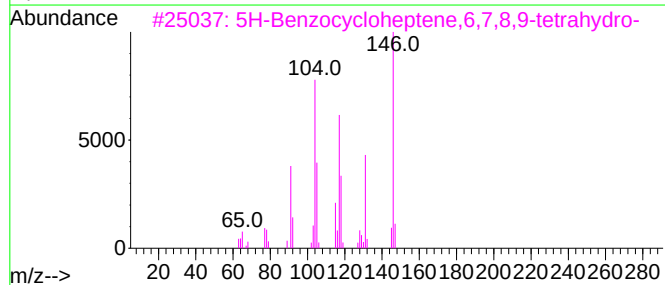
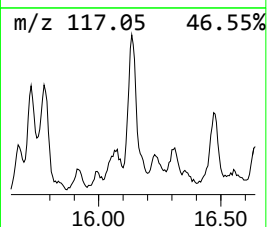
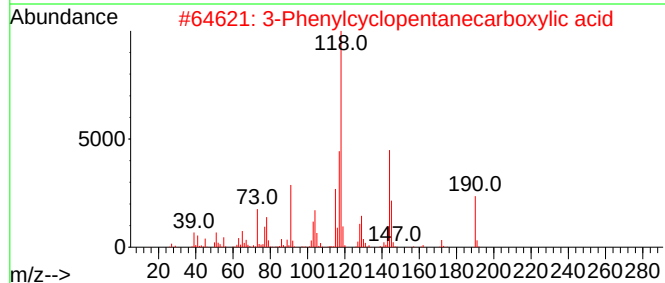
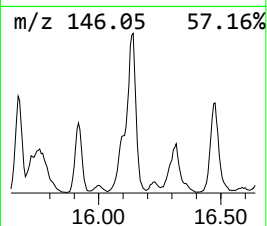
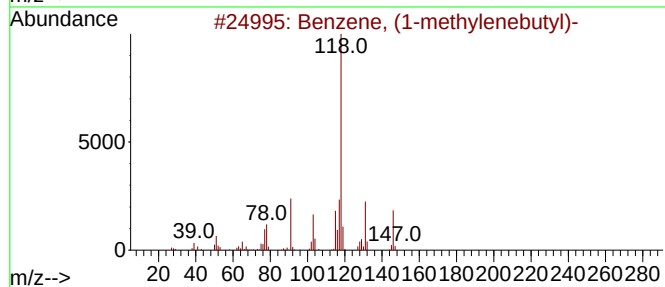
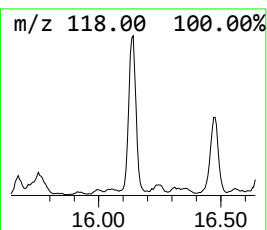
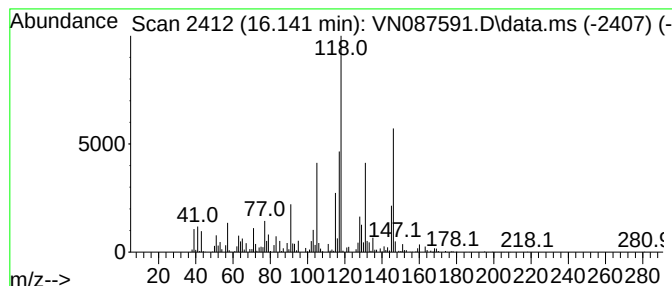
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, (1-methylenebutyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.141	60.69 ug/l	3369660	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	62
2			3-Phenylcyclopentanecarboxylic acid	190	C12H14O2	091495-75-9	53
3			5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	47
4			1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	46
5			2,5-Dimethylbenzyl cyanide	145	C10H11N	016213-85-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
Data File : VN087591.D
Acq On : 15 Aug 2025 18:34
Operator : JC\MD
Sample : Q2827-07
Misc : 4.47g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

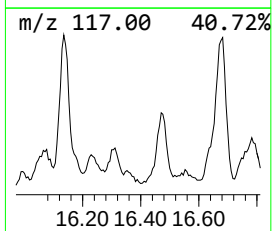
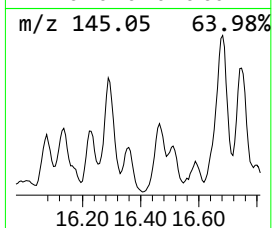
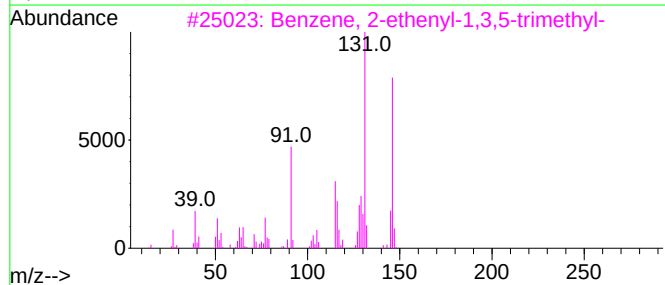
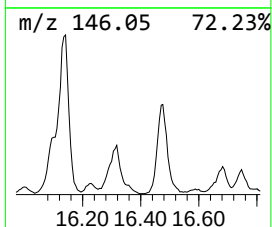
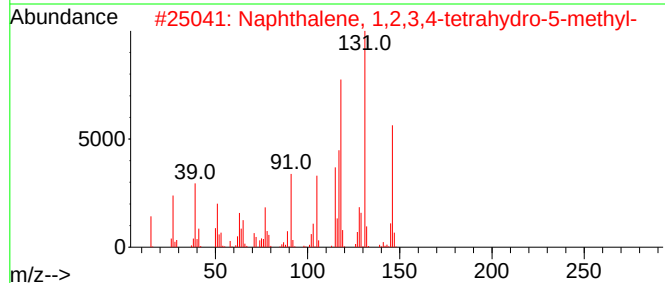
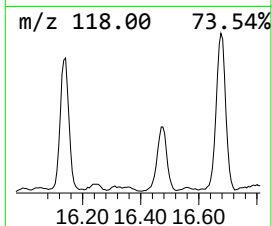
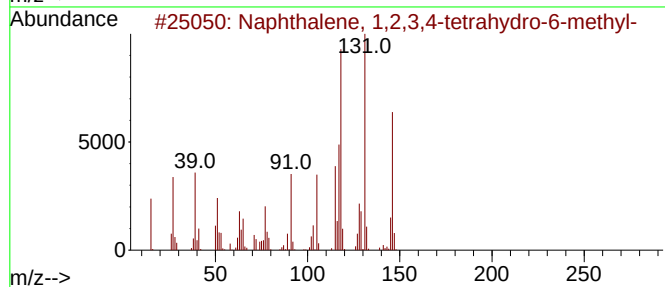
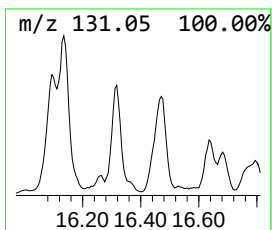
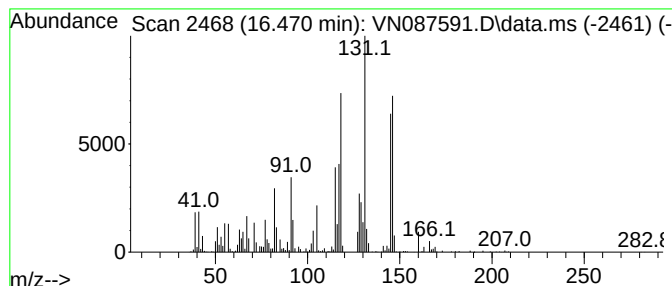
Instrument :
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ClientSampleId :
TP-9-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.470	58.75 ug/l	3261860	1,4-Dichlorobenzene-d4	13.771	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	46
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
Data File : VN087591.D
Acq On : 15 Aug 2025 18:34
Operator : JC\MD
Sample : Q2827-07
Misc : 4.47g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-9-VOC

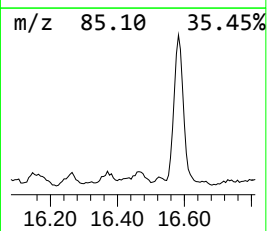
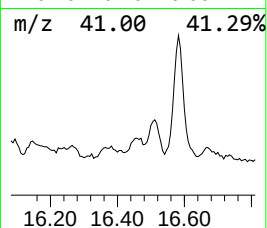
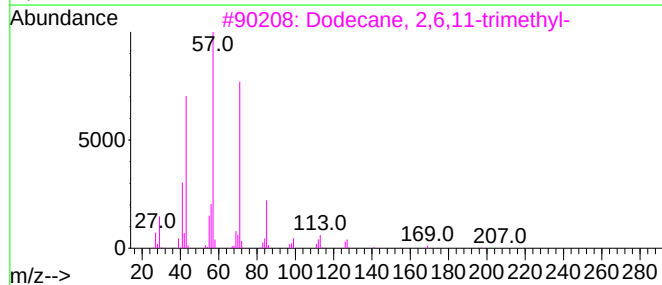
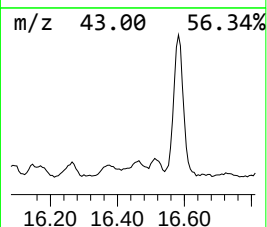
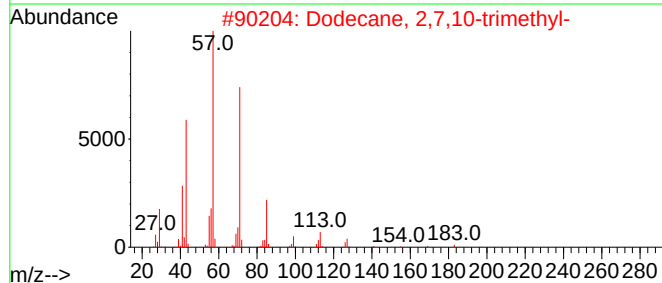
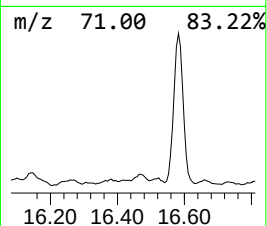
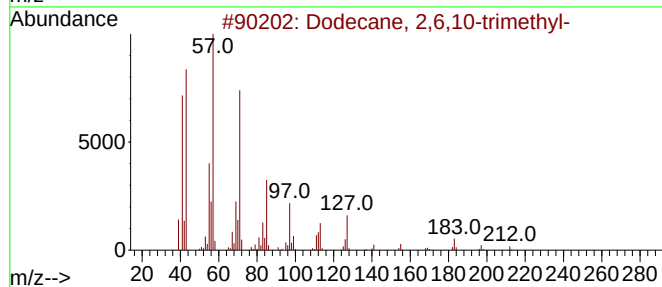
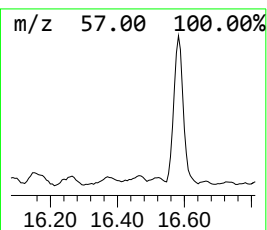
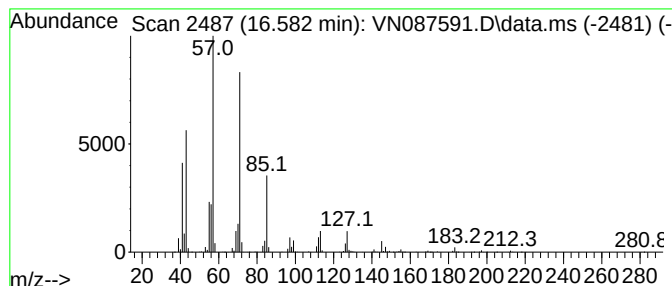
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Quant Title : SW846 8260

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

Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.582	96.33 ug/l	5348270	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
5			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
Data File : VN087591.D
Acq On : 15 Aug 2025 18:34
Operator : JC\MD
Sample : Q2827-07
Misc : 4.47g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-9-VOC

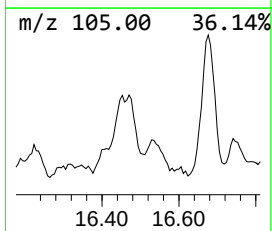
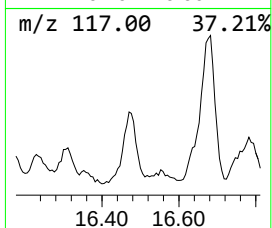
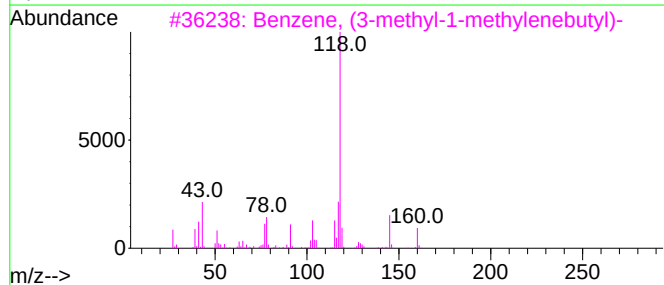
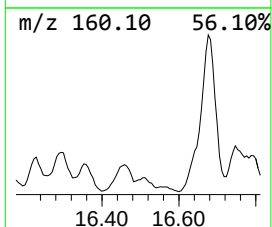
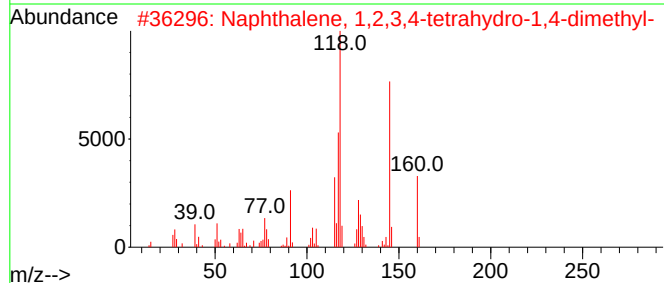
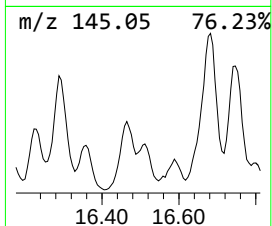
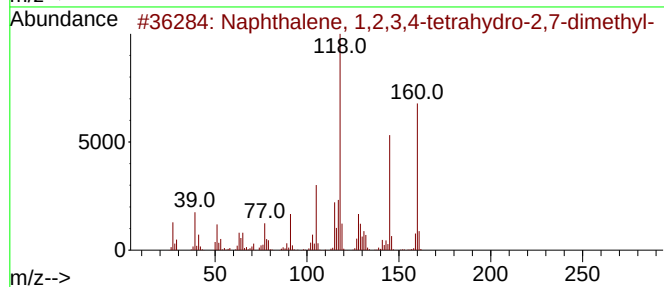
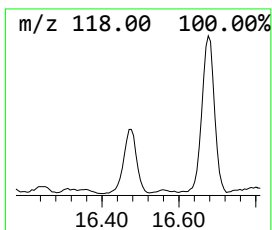
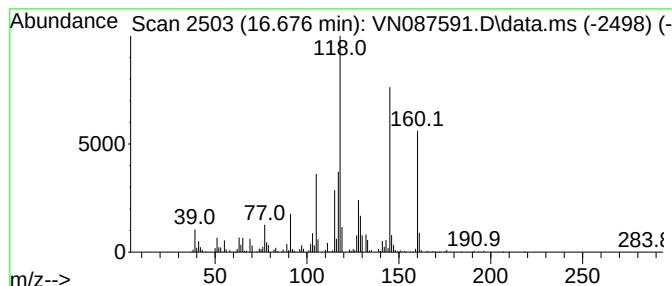
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.676	75.39 ug/l	4185340	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87
3			Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	81
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
Data File : VN087591.D
Acq On : 15 Aug 2025 18:34
Operator : JC\MD
Sample : Q2827-07
Misc : 4.47g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-9-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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
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1-Phenyl-1-butene	15.018	82.5	ug/l	4577630	4	13.771	2775970	50.0
2-Butene, 3-chl...	15.418	59.6	ug/l	3308670	4	13.771	2775970	50.0
Bacchotricuneat...	15.570	122.6	ug/l	6808300	4	13.771	2775970	50.0
Naphthalene, 1,...	15.670	70.4	ug/l	3908170	4	13.771	2775970	50.0
1H-Indene, 2,3-...	15.917	64.5	ug/l	3583180	4	13.771	2775970	50.0
Benzene, (1-met...	16.141	60.7	ug/l	3369660	4	13.771	2775970	50.0
Naphthalene, 1,...	16.470	58.8	ug/l	3261860	4	13.771	2775970	50.0
Dodecane, 2,6,1...	16.582	96.3	ug/l	5348270	4	13.771	2775970	50.0
Naphthalene, 1,...	16.676	75.4	ug/l	4185340	4	13.771	2775970	50.0