

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086990.D
 Acq On : 12 Jun 2025 20:04
 Operator : JC\MD
 Sample : Q2268-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-20250605

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\82N060625W.M

Title : SW846 8260

Signal : TIC: VN086990.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.236	1062	1068	1081	rVB2	326797	968763	1.11%	0.287%
2	9.106	1207	1216	1229	rBV	554553	1227425	1.40%	0.363%
3	10.571	1457	1465	1469	rBV	811076	1506525	1.72%	0.446%
4	10.635	1469	1476	1489	rVB	5719410	10648138	12.17%	3.149%
5	11.871	1678	1686	1693	rBV	651356	1229163	1.40%	0.364%
6	11.965	1693	1702	1711	rVV	21257244	37263550	42.58%	11.021%
7	12.071	1711	1720	1735	rVB2	40278883	87517220	100.00%	25.884%
8	12.400	1763	1776	1795	rVB	17630633	30349570	34.68%	8.976%
9	12.694	1819	1826	1837	rBV	1156320	1917416	2.19%	0.567%
10	13.035	1876	1884	1889	rBV	2458769	4048439	4.63%	1.197%
11	13.100	1889	1895	1898	rVV	9835066	17204141	19.66%	5.088%
12	13.129	1898	1900	1904	rVV	5537357	7830160	8.95%	2.316%
13	13.170	1904	1907	1915	rVB	5415712	8750246	10.00%	2.588%
14	13.335	1928	1935	1946	rVB	5942960	9806921	11.21%	2.901%
15	13.482	1947	1960	1967	rBV	26811530	45140452	51.58%	13.351%
16	13.818	2007	2017	2033	rVB	7801544	14263454	16.30%	4.219%
17	13.947	2033	2039	2041	rBV	692977	1005541	1.15%	0.297%
18	13.994	2041	2047	2063	rVB2	8014860	16167986	18.47%	4.782%
19	14.176	2072	2078	2084	rBV2	1337896	2343737	2.68%	0.693%
20	14.241	2084	2089	2092	rVV	1217656	2085105	2.38%	0.617%
21	14.270	2092	2094	2099	rVV	1068239	1457933	1.67%	0.431%
22	14.329	2099	2104	2110	rVB	1760276	2715130	3.10%	0.803%
23	14.441	2119	2123	2132	rVB2	1606808	2787867	3.19%	0.825%
24	14.653	2151	2159	2162	rBV	1165294	1910734	2.18%	0.565%
25	14.694	2162	2166	2171	rVB	1500185	2281020	2.61%	0.675%
26	14.923	2200	2205	2211	rBV	1486814	2489615	2.84%	0.736%
27	15.053	2217	2227	2233	rBV2	2423550	5157621	5.89%	1.525%
28	15.206	2246	2253	2261	rBV2	630690	1182674	1.35%	0.350%
29	15.312	2261	2271	2277	rBV3	417752	1113570	1.27%	0.329%
30	15.641	2306	2327	2337	rBV	6603942	13250179	15.14%	3.919%
31	15.741	2337	2344	2351	rBV	448559	890592	1.02%	0.263%
32	16.776	2513	2520	2522	rBV	899617	1595886	1.82%	0.472%

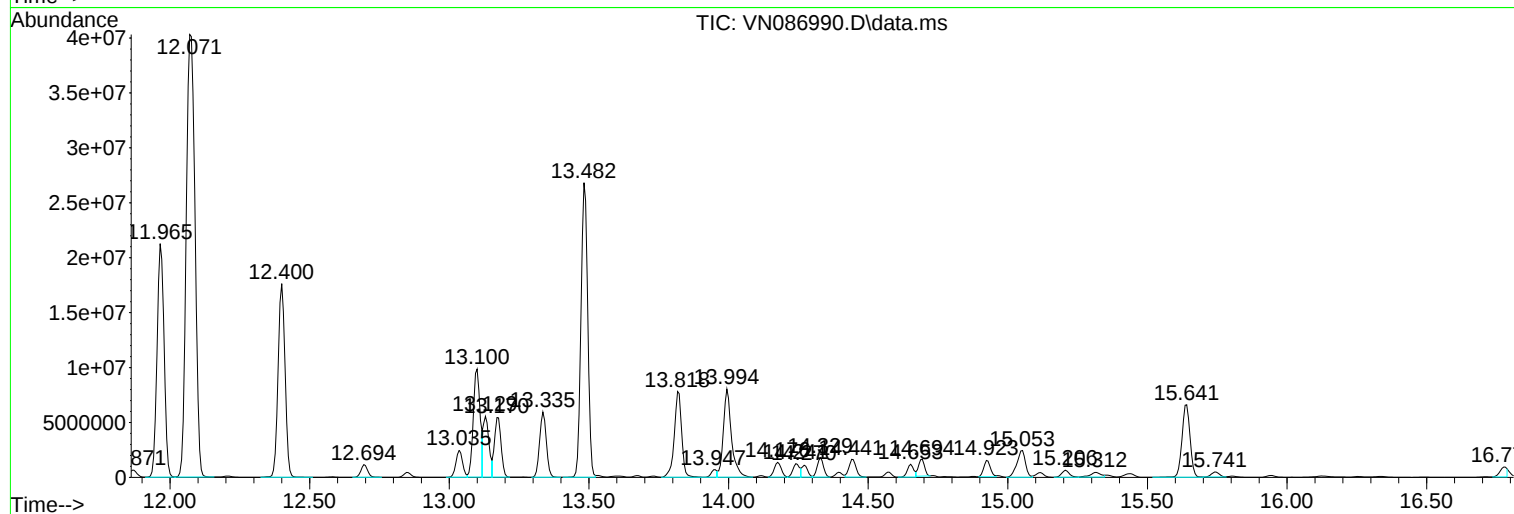
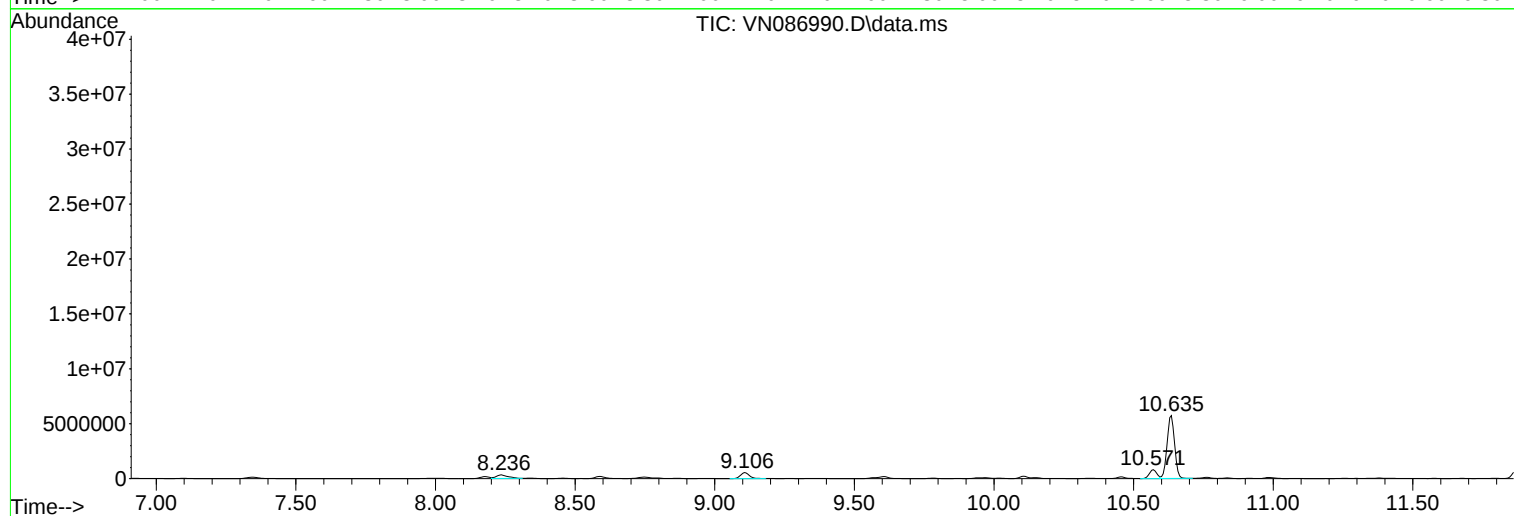
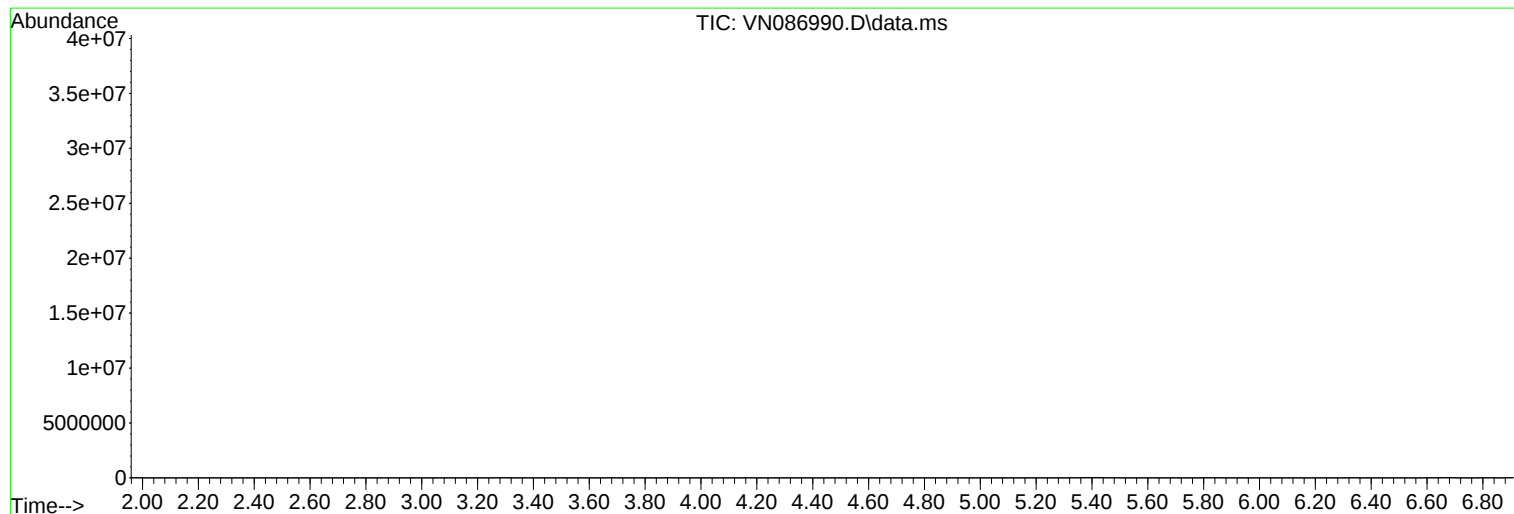
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Instrument :
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ClientSampleId :
MW-3-20250605

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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



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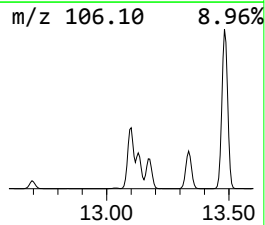
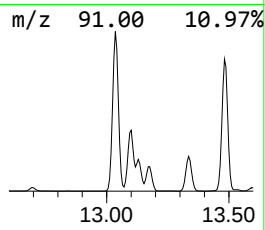
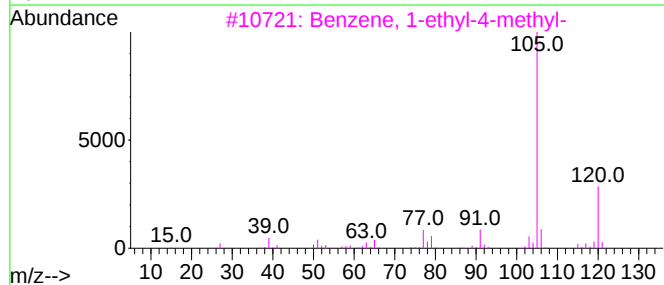
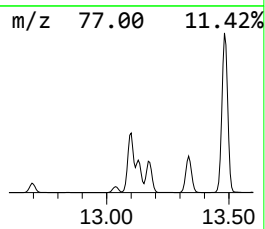
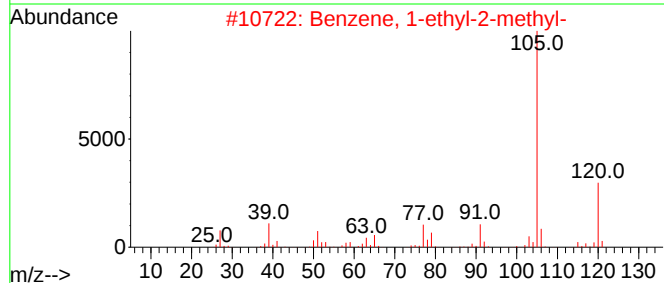
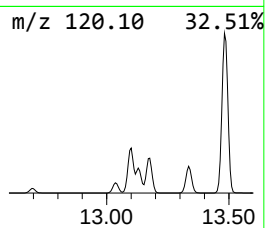
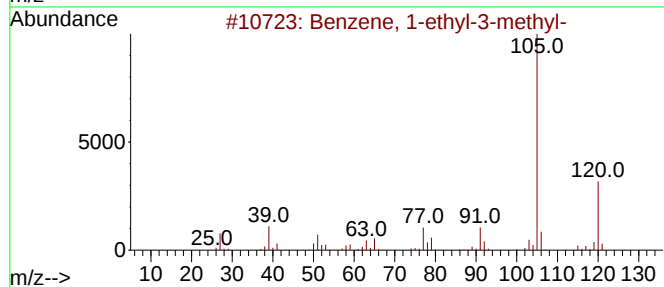
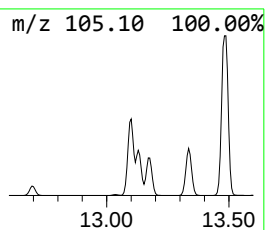
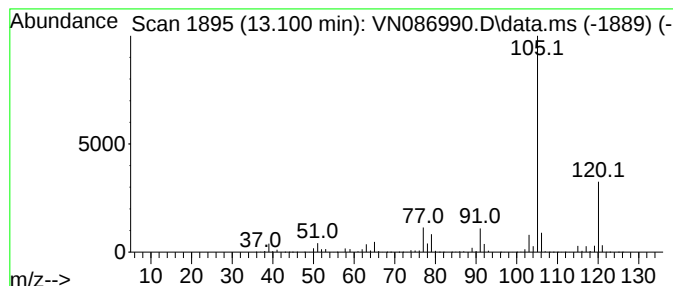
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.100	60.31 ug/l	17204100	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

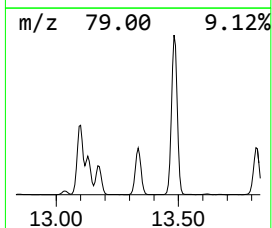
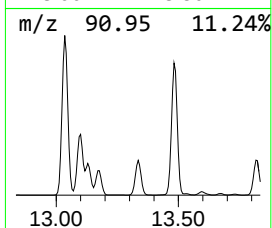
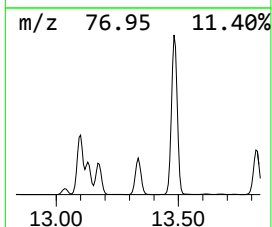
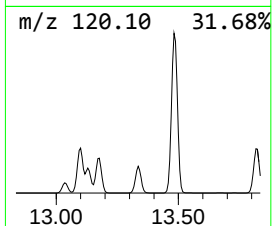
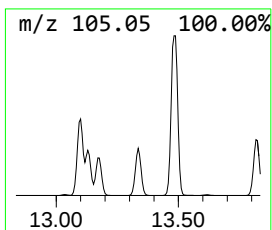
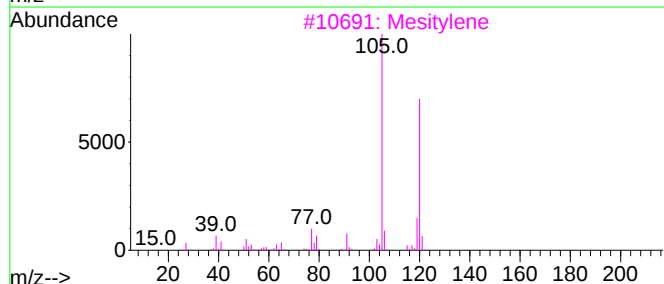
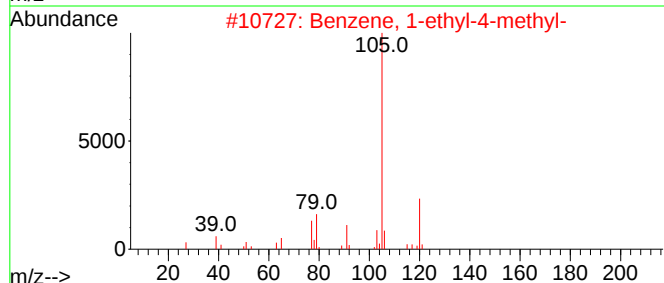
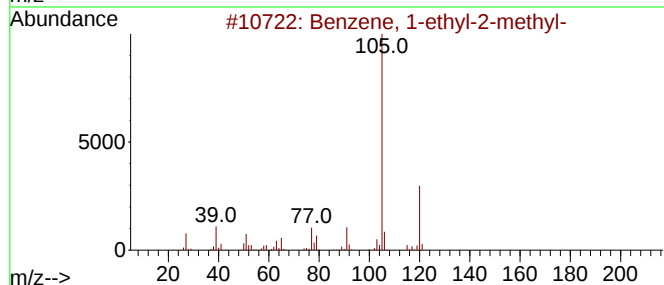
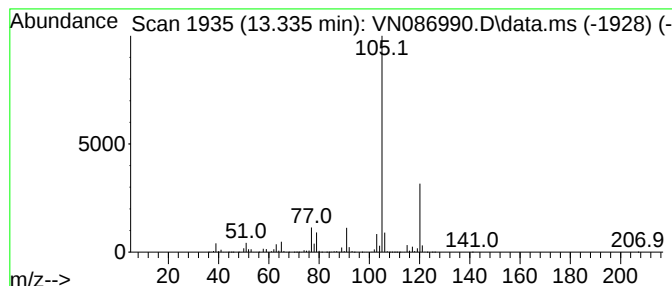
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	34.38 ug/l	9806920	1,4-Dichlorobenzene-d4	13.794

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-4-methyl-	120	C9H12	000622-96-8	94
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

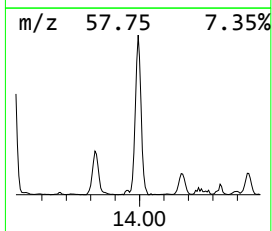
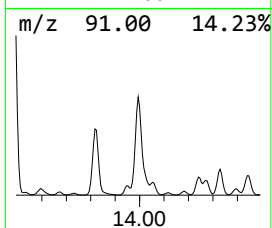
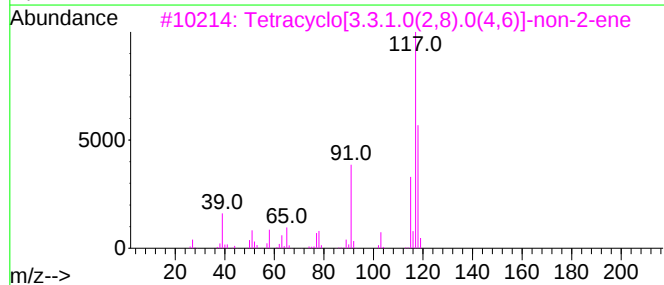
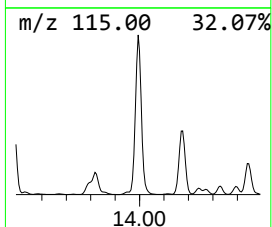
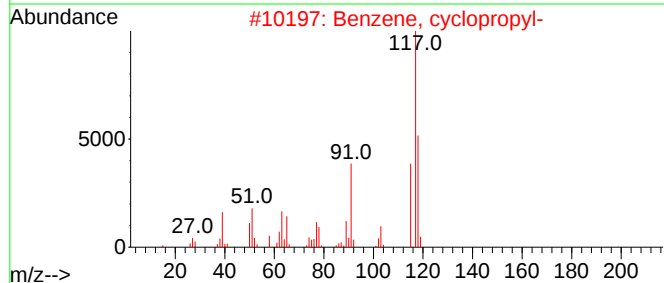
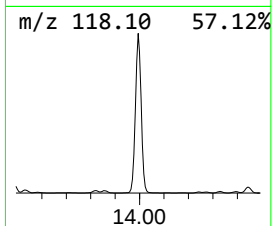
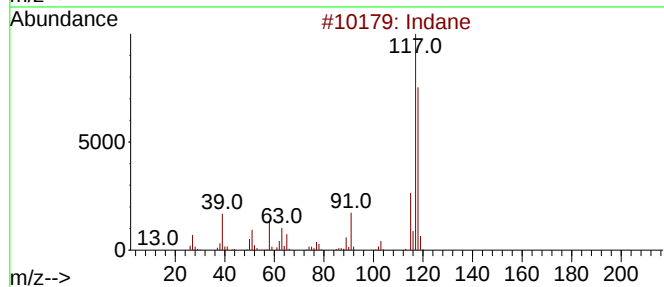
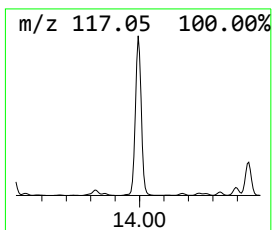
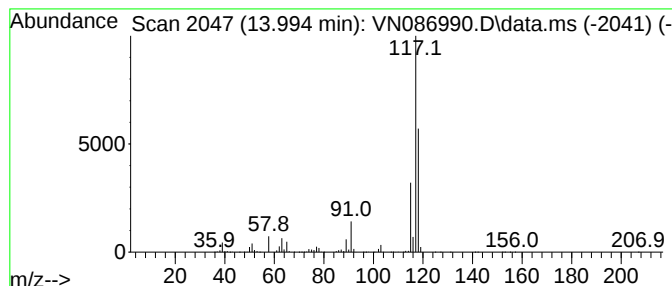
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	56.68 ug/l	16168000	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	87
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	59
5			Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59



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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

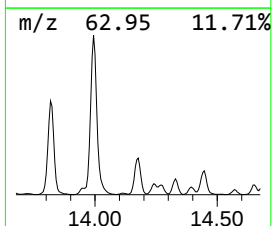
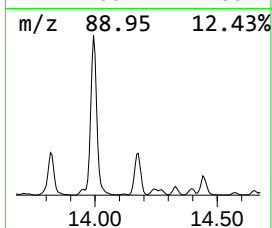
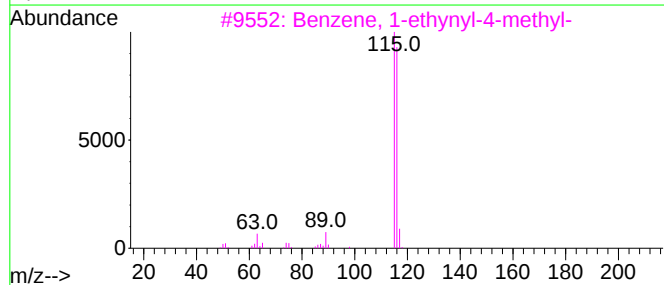
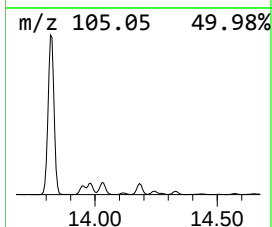
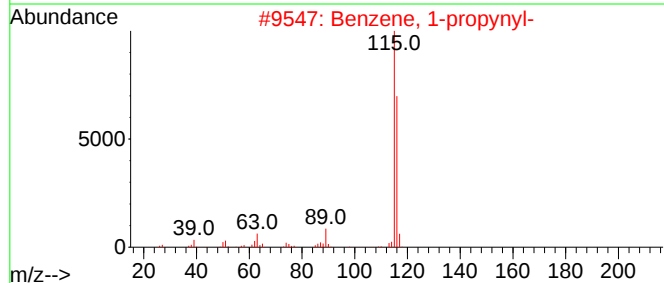
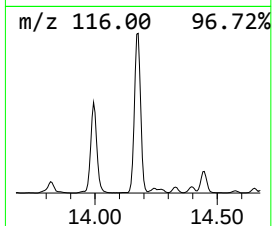
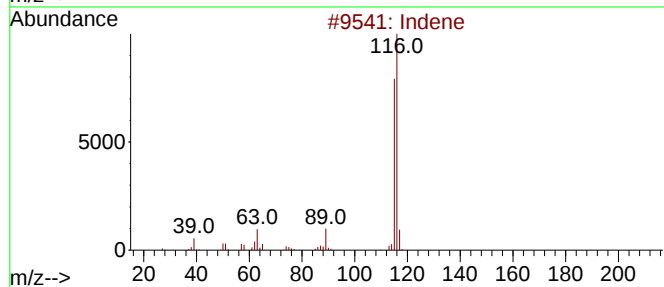
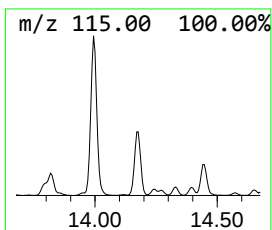
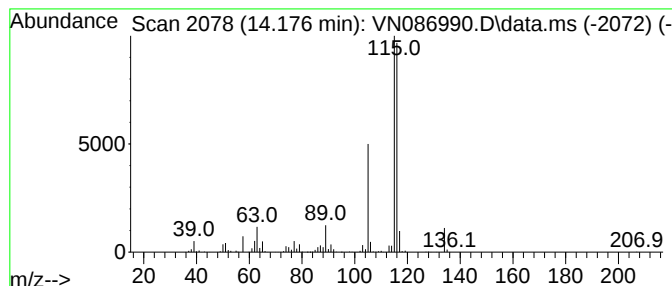
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 4 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	8.22 ug/l	2343740	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	95
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
4			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	83
5			3-Methylphenylacetylene	116	C9H8	000766-82-5	83



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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

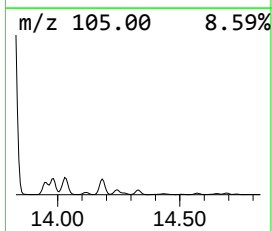
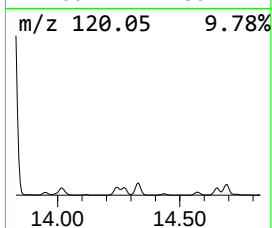
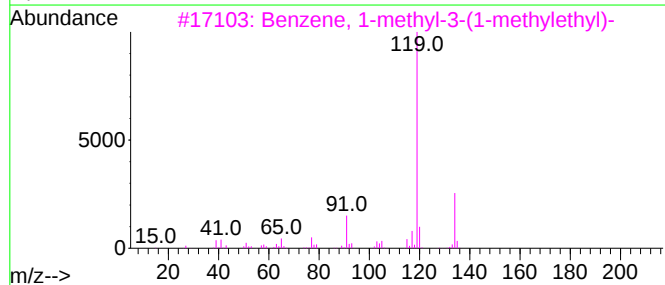
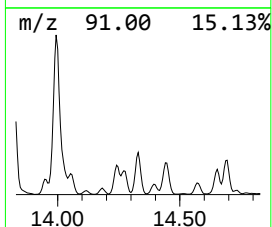
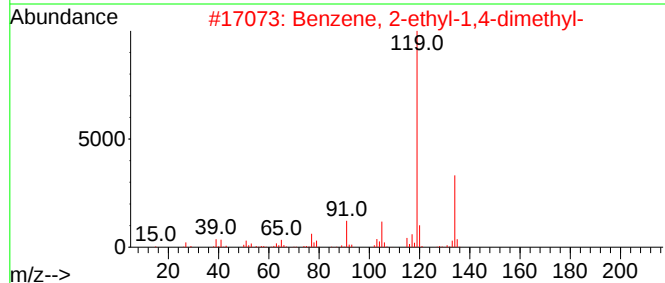
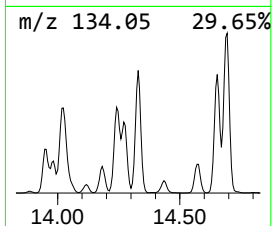
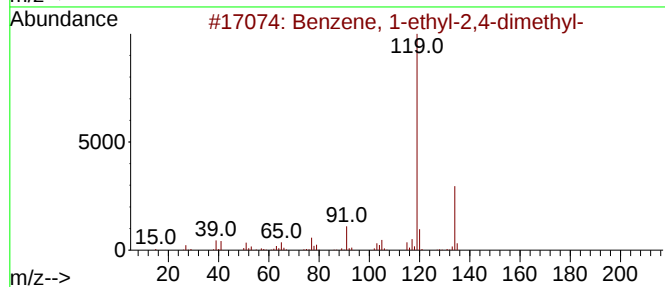
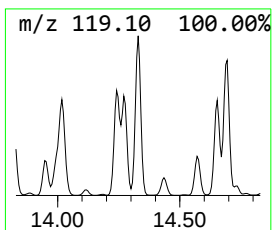
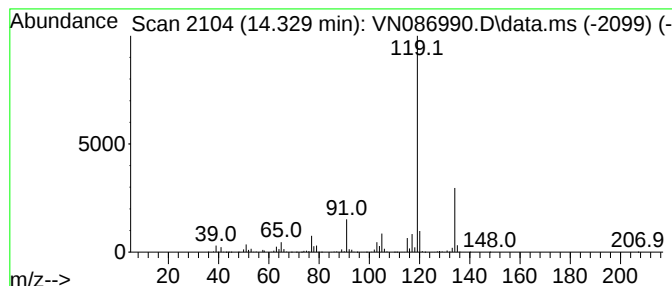
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.329	9.52 ug/l	2715130	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
Data File : VN086990.D
Acq On : 12 Jun 2025 20:04
Operator : JC\MD
Sample : Q2268-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

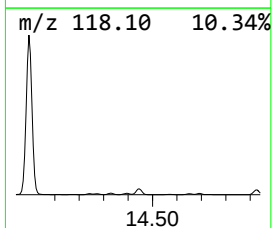
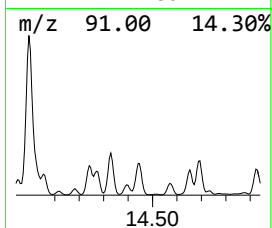
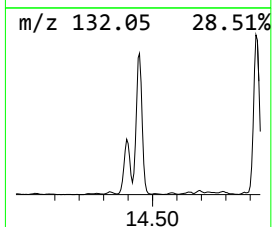
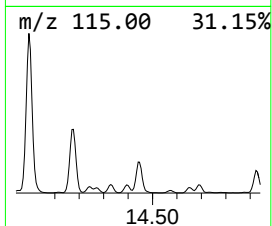
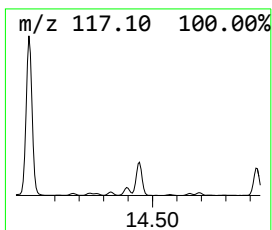
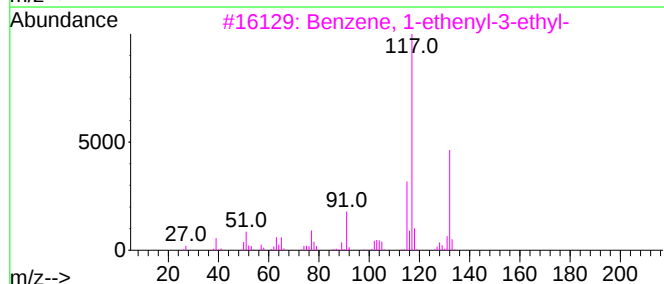
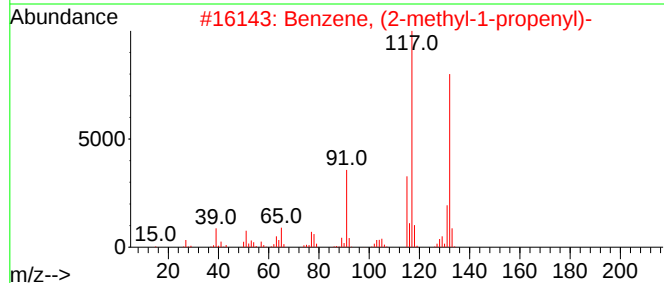
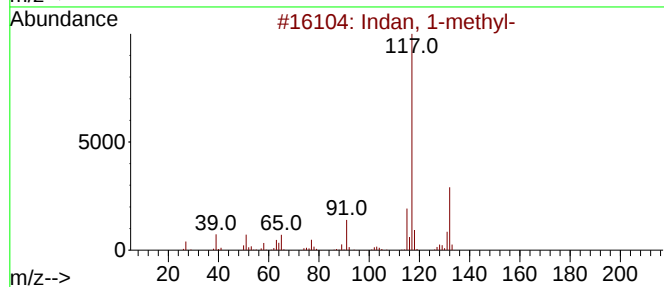
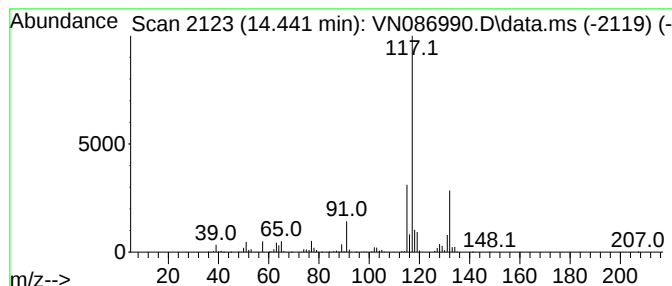
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Quant Title : SW846 8260

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

Peak Number 6 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.441	9.77 ug/l	2787870	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	87
2			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
Data File : VN086990.D
Acq On : 12 Jun 2025 20:04
Operator : JC\MD
Sample : Q2268-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

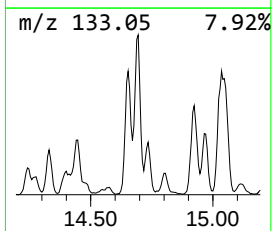
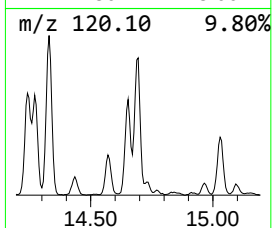
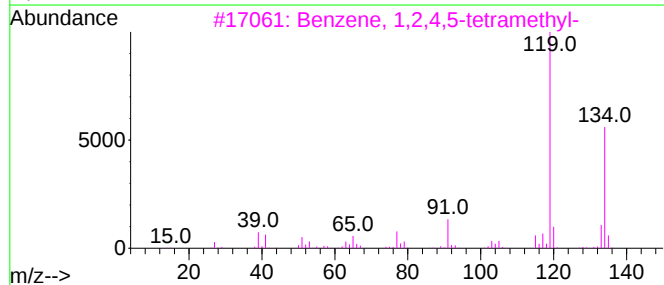
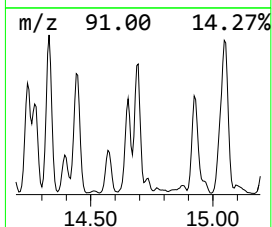
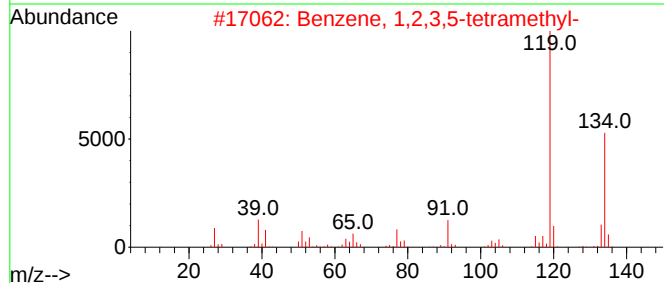
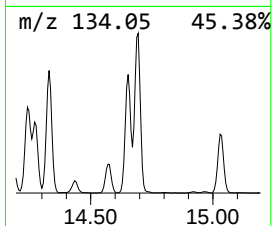
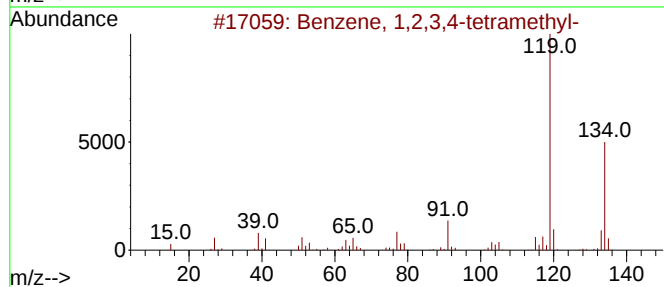
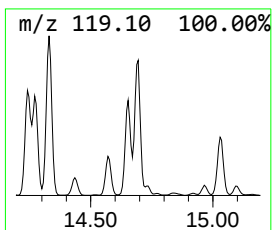
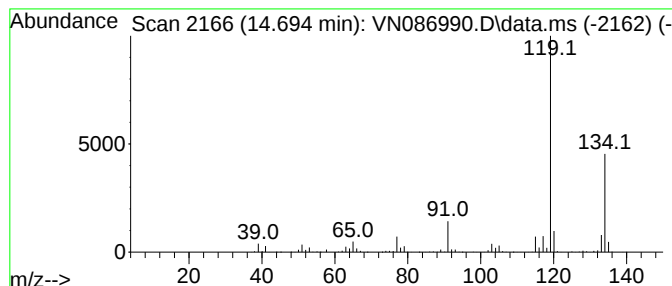
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.694	8.00 ug/l	2281020	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4			o-Cymene	134	C10H14	000527-84-4	96
5			p-Cymene	134	C10H14	000099-87-6	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
Data File : VN086990.D
Acq On : 12 Jun 2025 20:04
Operator : JC\MD
Sample : Q2268-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

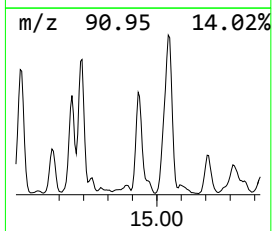
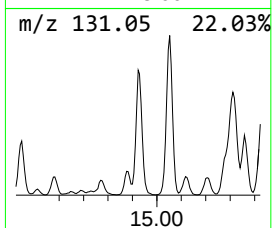
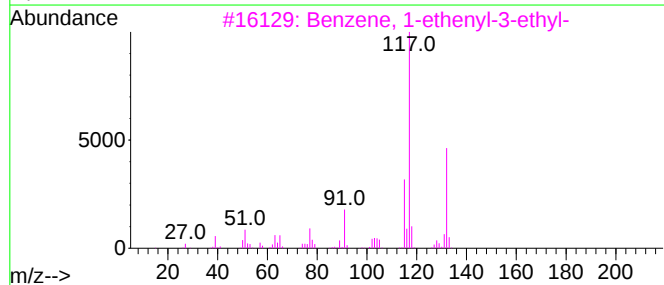
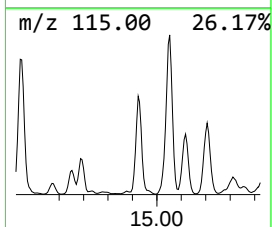
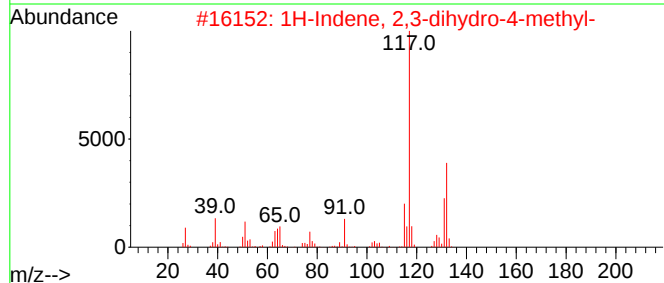
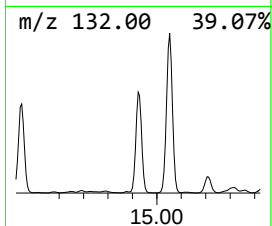
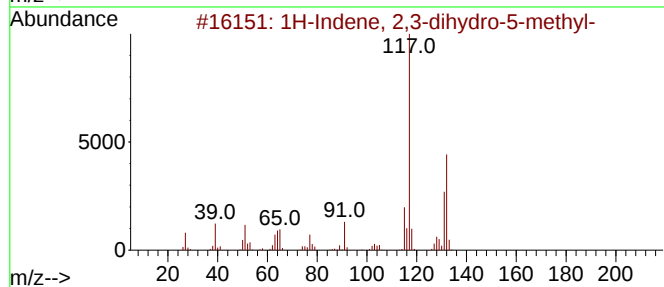
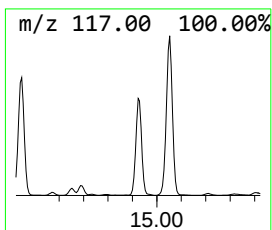
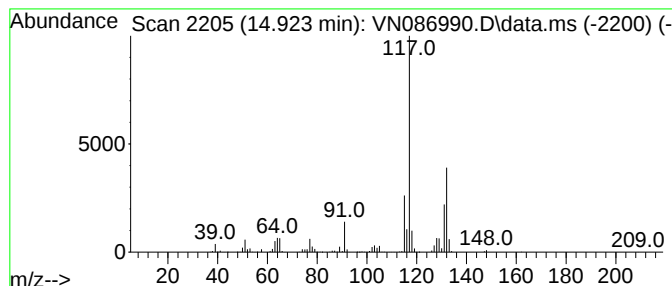
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.923	8.73 ug/l	2489620	1,4-Dichlorobenzene-d4	13.794

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4		Indan, 1-methyl-	132	C10H12	000767-58-8	87
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
Data File : VN086990.D
Acq On : 12 Jun 2025 20:04
Operator : JC\MD
Sample : Q2268-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

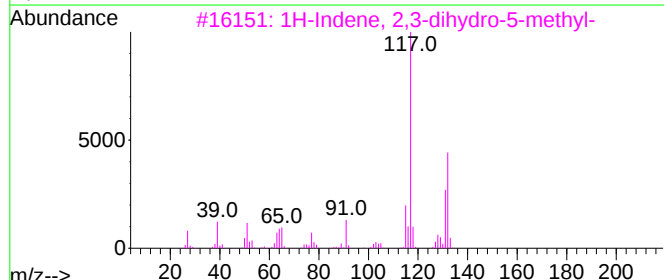
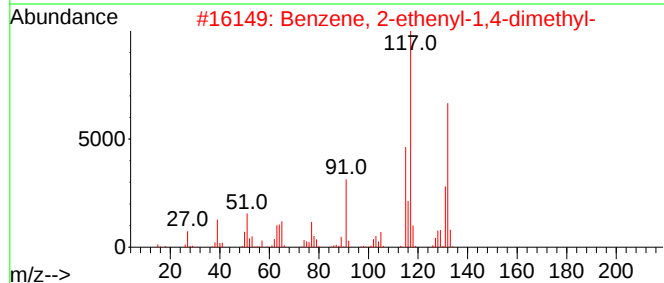
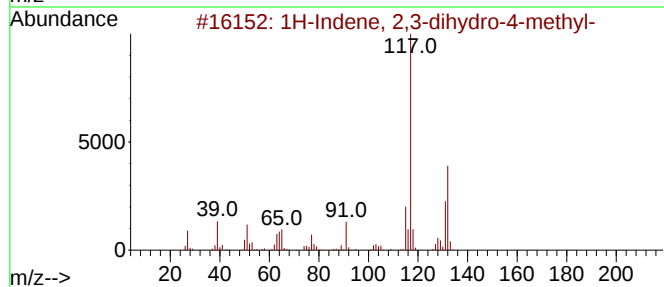
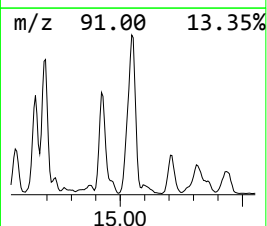
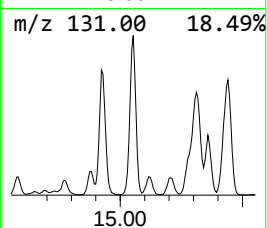
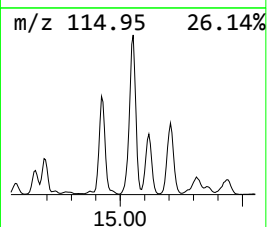
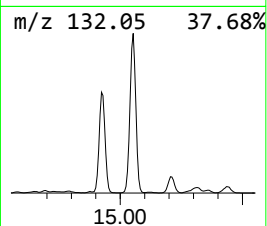
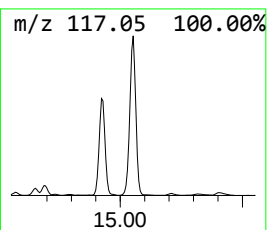
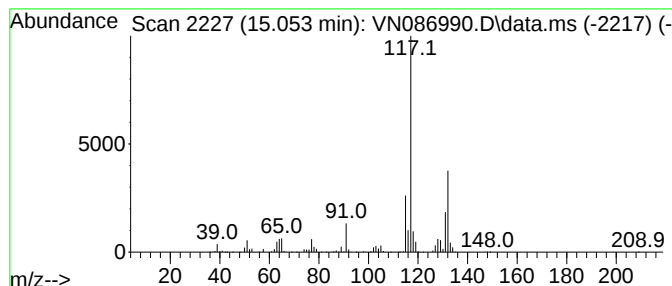
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 9 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.053	18.08 ug/l	5157620	1,4-Dichlorobenzene-d4	13.794

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4		Indan, 1-methyl-	132	C10H12	000767-58-8	91
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
Data File : VN086990.D
Acq On : 12 Jun 2025 20:04
Operator : JC\MD
Sample : Q2268-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

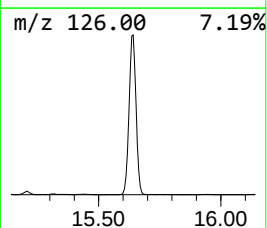
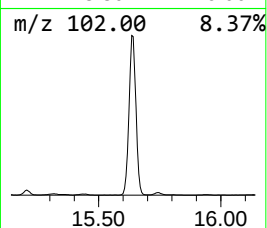
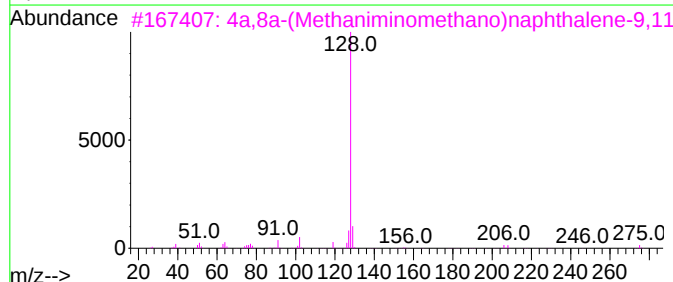
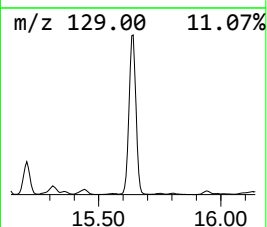
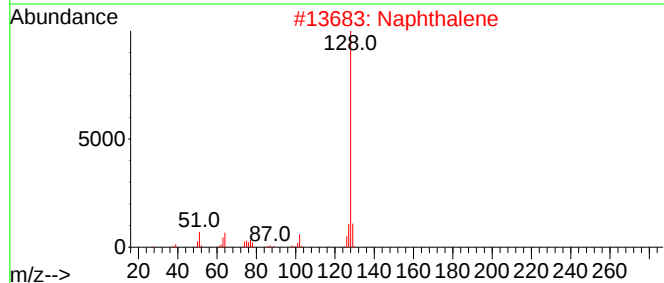
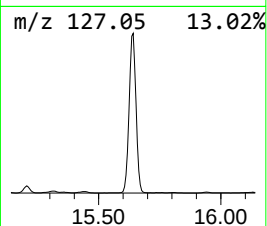
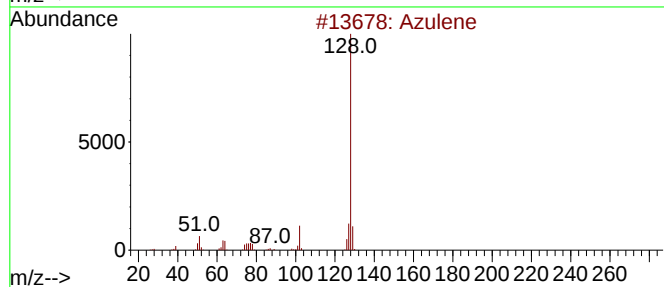
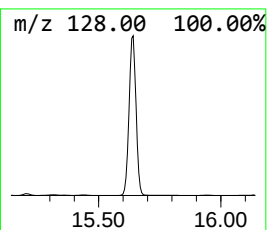
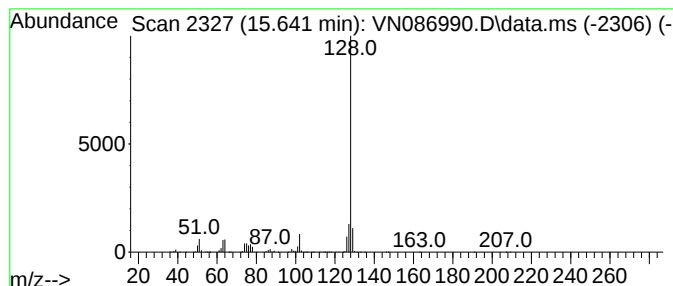
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 10 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.641	46.45 ug/l	13250200	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	95
2			Naphthalene	128	C10H8	000091-20-3	95
3			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	74
4			1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59
5			4-Phenylbut-3-ene-1-yne	128	C10H8	100022-12-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
Data File : VN086990.D
Acq On : 12 Jun 2025 20:04
Operator : JC\MD
Sample : Q2268-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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
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Benzene, 1-ethy...	13.335	34.4	ug/l	9806920	4	13.794	14263500	50.0
Indane	13.994	56.7	ug/l	16168000	4	13.794	14263500	50.0
Indene	14.176	8.2	ug/l	2343740	4	13.794	14263500	50.0
Benzene, 1-ethy...	14.329	9.5	ug/l	2715130	4	13.794	14263500	50.0
Indan, 1-methyl-	14.441	9.8	ug/l	2787870	4	13.794	14263500	50.0
Benzene, 1,2,3,...	14.694	8.0	ug/l	2281020	4	13.794	14263500	50.0
1H-Indene, 2,3-...	14.923	8.7	ug/l	2489620	4	13.794	14263500	50.0
1H-Indene, 2,3-...	15.053	18.1	ug/l	5157620	4	13.794	14263500	50.0
Azulene	15.641	46.5	ug/l	13250200	4	13.794	14263500	50.0