

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086954.D
 Acq On : 11 Jun 2025 17:19
 Operator : JC\MD
 Sample : Q2231-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14-20250604

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: VN086954.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.230	1062	1067	1078	rVB	299135	668462	1.04%	0.390%
2	9.106	1207	1216	1228	rBV	434930	889193	1.39%	0.519%
3	10.571	1455	1465	1474	rBV	665146	1279764	2.00%	0.746%
4	11.865	1678	1685	1696	rBV	576693	1111070	1.73%	0.648%
5	12.694	1818	1826	1842	rVB	1505853	2572541	4.02%	1.501%
6	12.847	1843	1852	1863	rVB	426357	791065	1.23%	0.461%
7	13.035	1875	1884	1891	rBV	1419860	2329981	3.64%	1.359%
8	13.129	1891	1900	1904	rVV	820678	1376275	2.15%	0.803%
9	13.335	1927	1935	1943	rBV	3005314	4931699	7.70%	2.877%
10	13.482	1948	1960	1966	rVV	10292460	16702188	26.07%	9.743%
11	13.818	2007	2017	2025	rBV	3536096	6495450	10.14%	3.789%
12	13.947	2033	2039	2042	rBV	1079969	1809649	2.82%	1.056%
13	13.994	2042	2047	2060	rVB	7718096	14667152	22.89%	8.555%
14	14.241	2084	2089	2091	rBV	589512	895716	1.40%	0.522%
15	14.271	2091	2094	2098	rVV	716186	1116146	1.74%	0.651%
16	14.329	2098	2104	2110	rVB	1447579	2372544	3.70%	1.384%
17	14.447	2117	2124	2133	rVB	3183379	5964147	9.31%	3.479%
18	14.653	2150	2159	2162	rBV	555599	986501	1.54%	0.575%
19	14.688	2162	2165	2170	rVV	1111046	1650847	2.58%	0.963%
20	14.923	2199	2205	2217	rVB	1811301	3111282	4.86%	1.815%
21	15.035	2217	2224	2232	rBV2	1723626	3883277	6.06%	2.265%
22	15.118	2232	2238	2245	rVB	1745845	3025000	4.72%	1.765%
23	15.206	2245	2253	2261	rBV	6540019	11906708	18.58%	6.945%
24	15.312	2262	2271	2278	rBV	1124530	2305610	3.60%	1.345%
25	15.441	2286	2293	2303	rVB4	264571	679908	1.06%	0.397%
26	15.641	2318	2327	2339	rVV2	30319061	64070397	100.00%	37.373%
27	15.982	2381	2385	2400	rVB	253385	909881	1.42%	0.531%
28	16.141	2405	2412	2417	rVV	423268	1047110	1.63%	0.611%
29	16.194	2417	2421	2427	rVV2	409457	945079	1.48%	0.551%
30	16.276	2427	2435	2451	rVB	596629	2095314	3.27%	1.222%
31	16.570	2478	2485	2500	rVB	259837	730391	1.14%	0.426%
32	16.776	2512	2520	2522	rBV	4543351	8115734	12.67%	4.734%

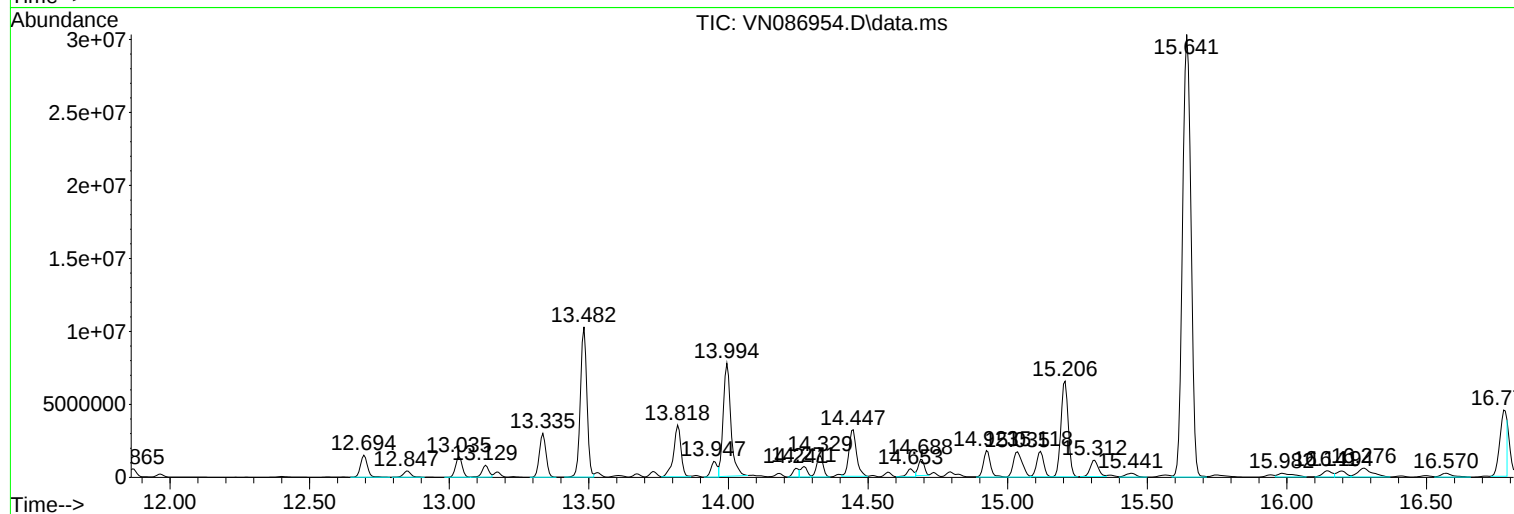
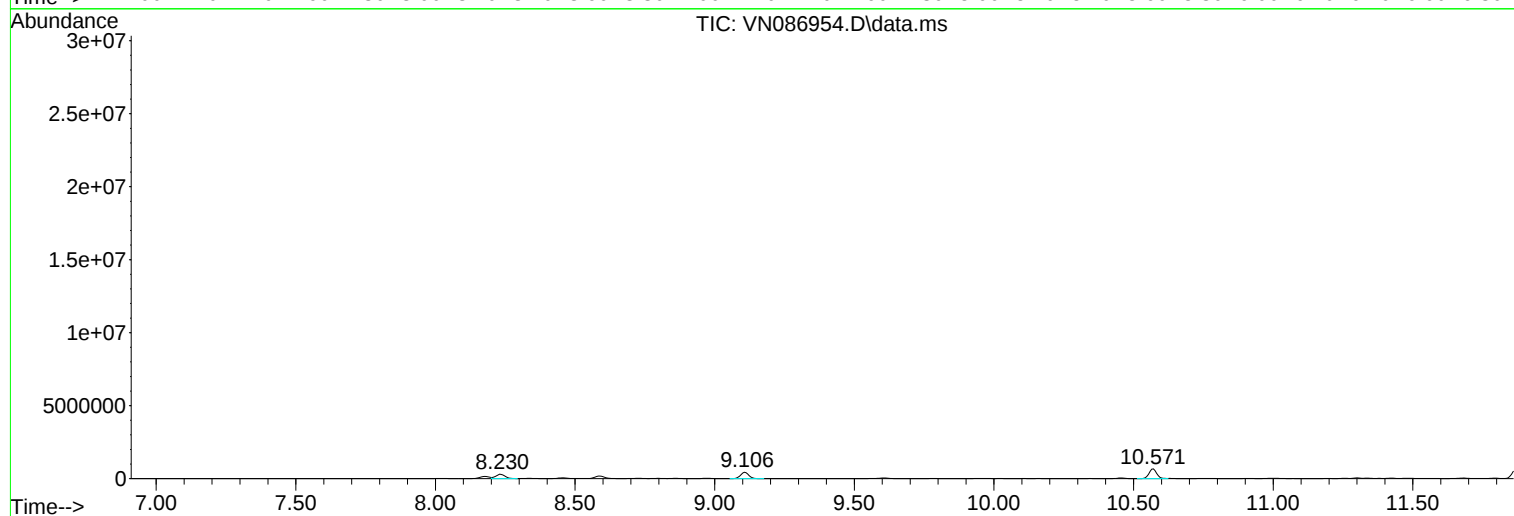
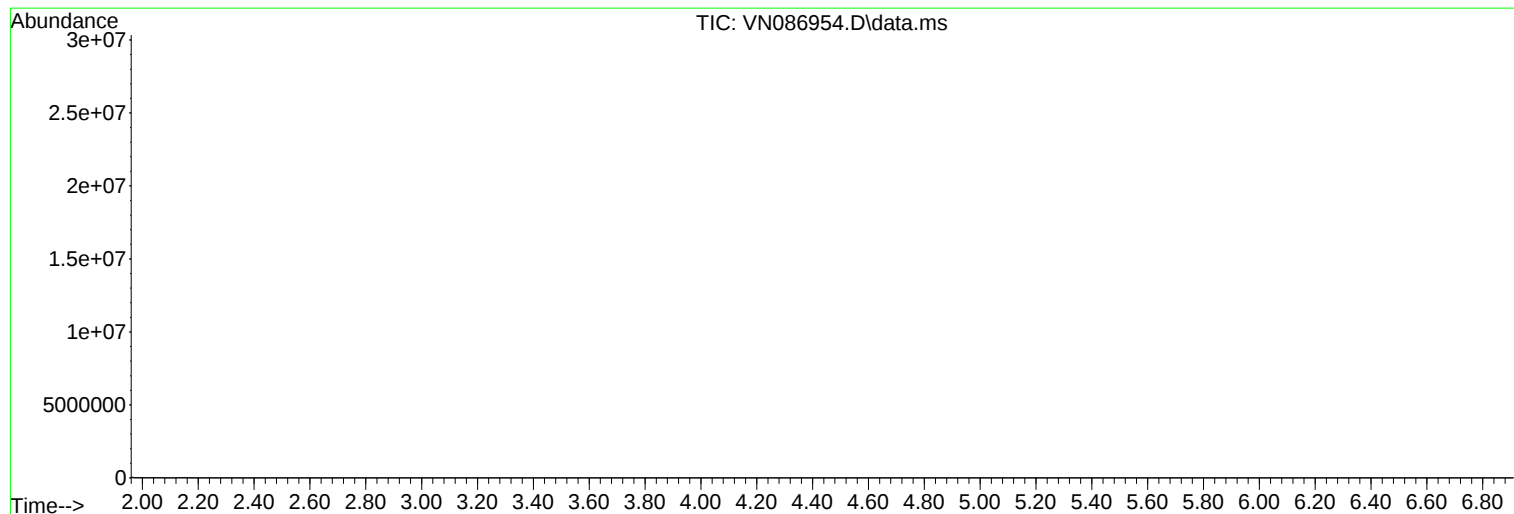
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ClientSampleId :
MW-14-20250604

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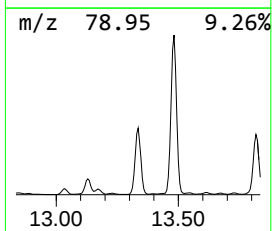
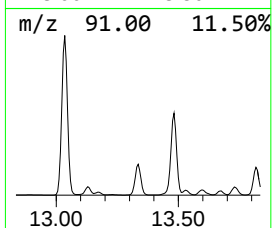
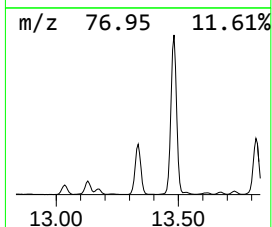
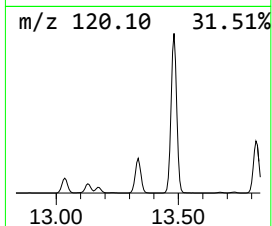
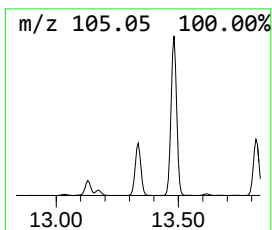
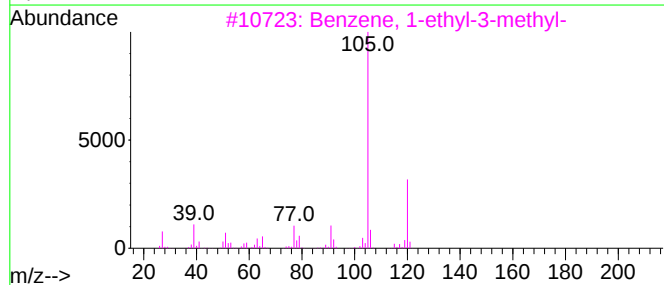
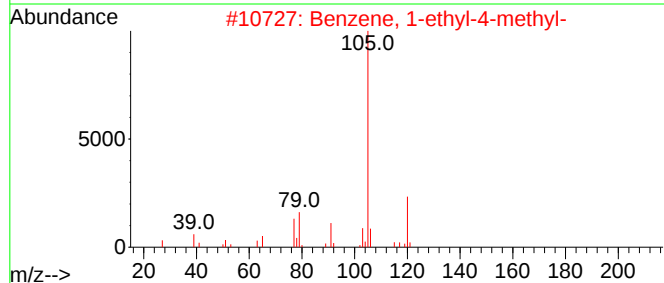
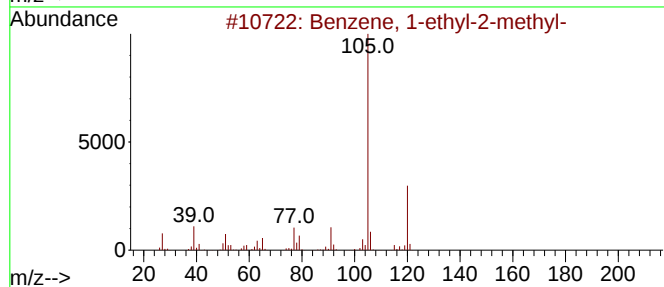
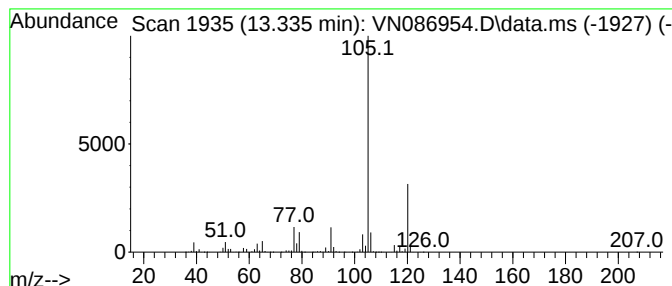
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	37.96 ug/l	4931700	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Mesitylene	120	C9H12	000108-67-8	91



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Instrument :
MSVOA_N
ClientSampleId :
MW-14-20250604

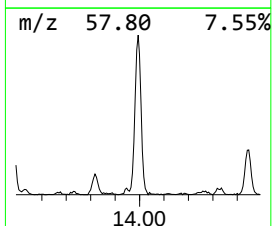
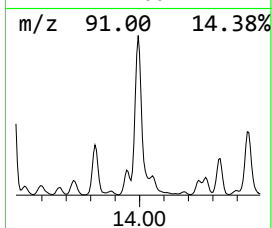
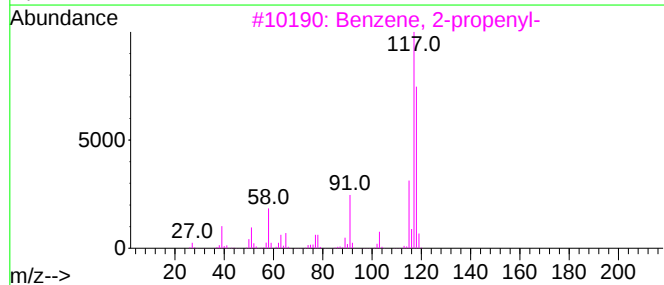
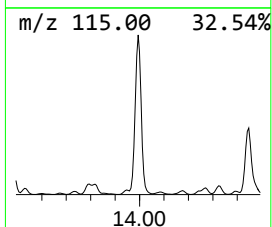
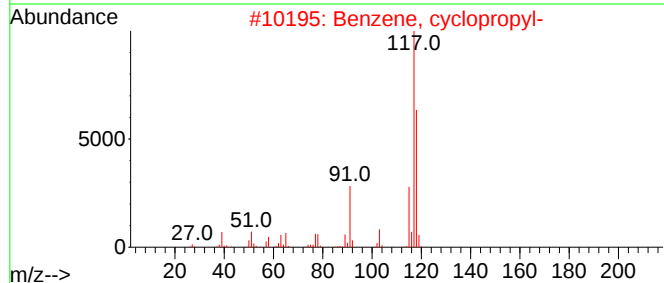
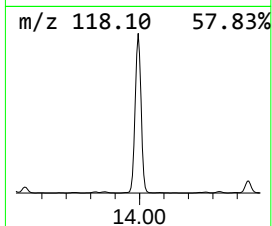
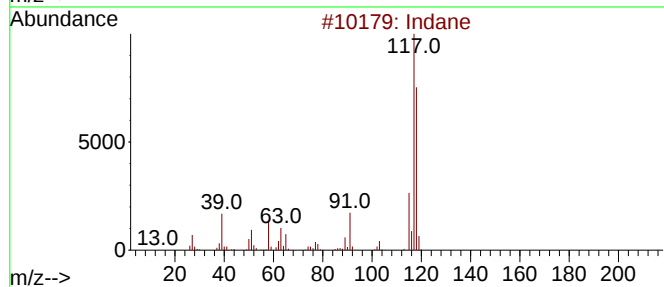
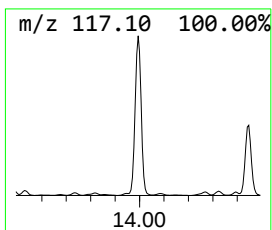
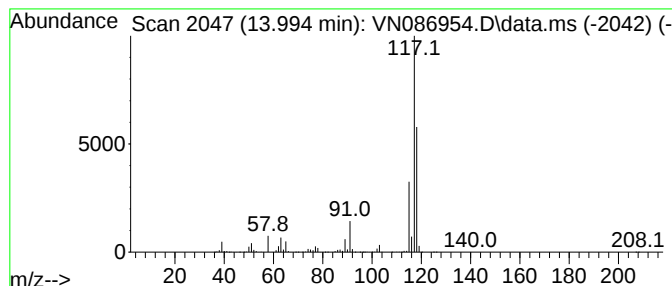
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	112.90 ug/l	14667200	1,4-Dichlorobenzene-d4	13.788

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	72
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5			Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59



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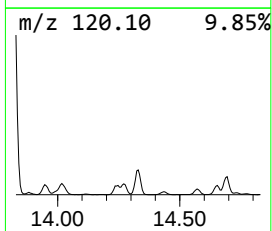
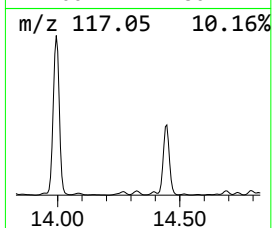
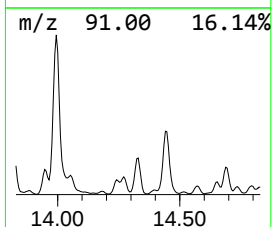
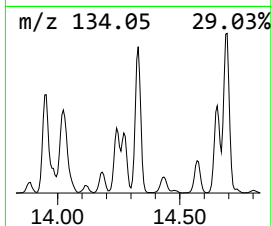
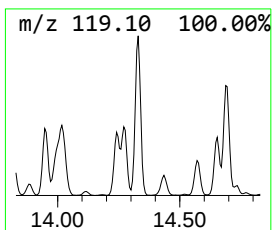
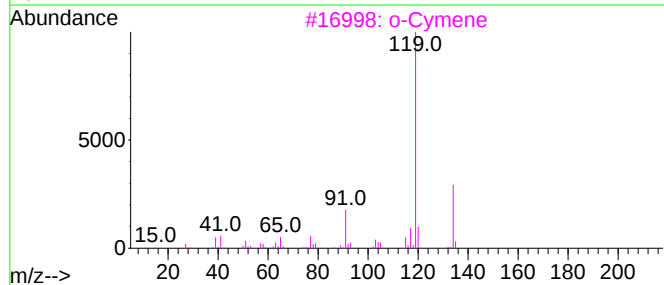
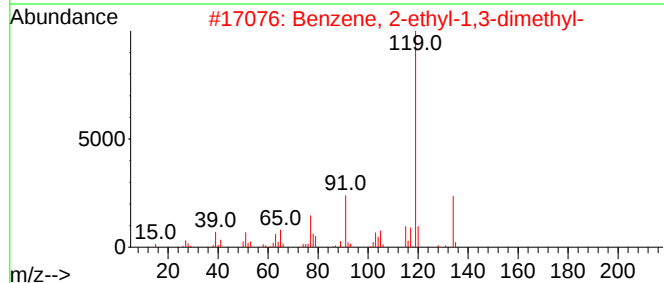
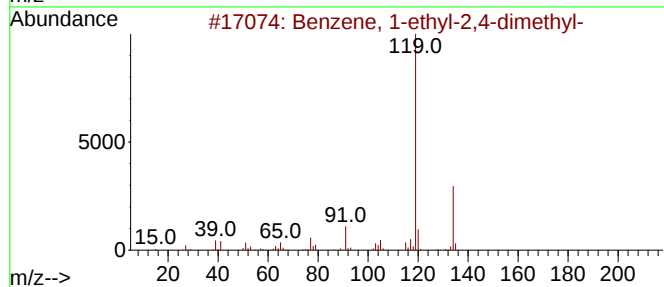
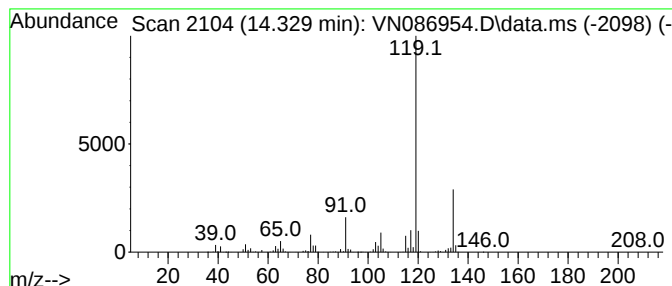
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.329	18.26 ug/l	2372540	1,4-Dichlorobenzene-d4	13.788

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-1,3-dimethyl-	134	C10H14	002870-04-4	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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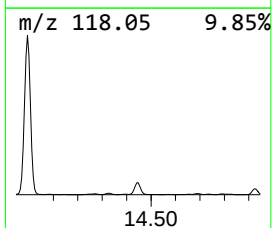
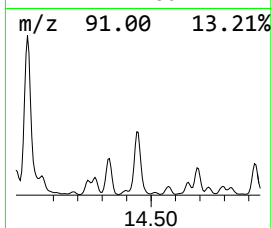
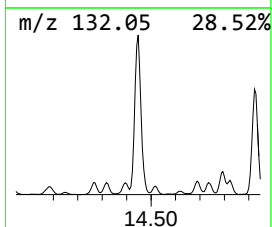
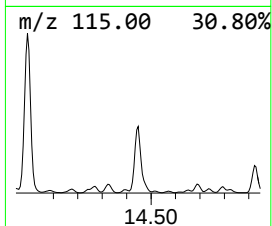
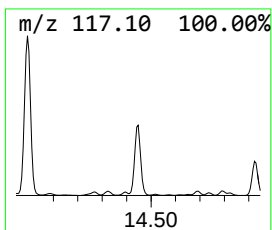
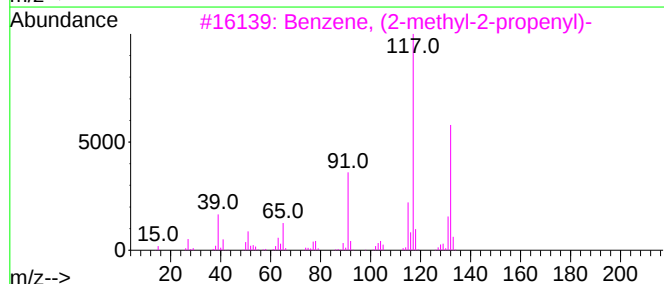
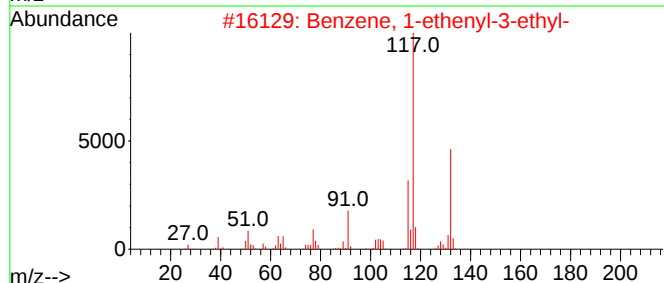
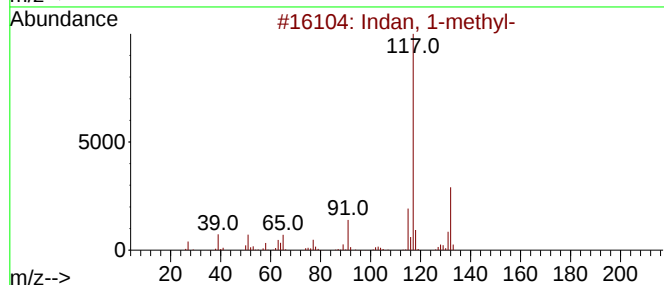
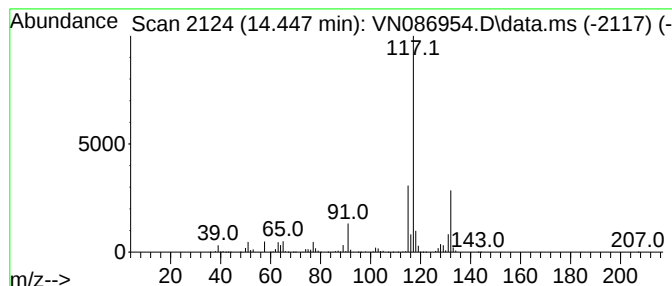
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Quant Title : SW846 8260

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

Peak Number 4 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.447	45.91 ug/l	5964150	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	93
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86



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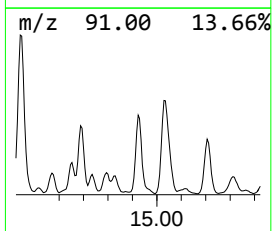
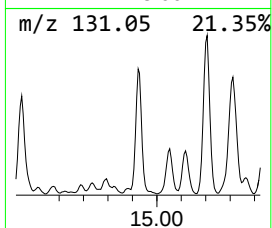
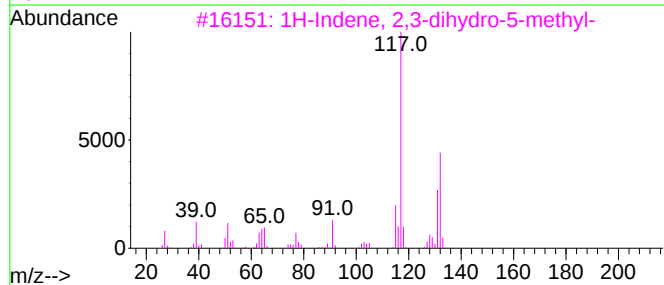
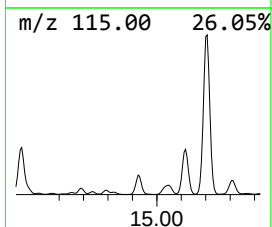
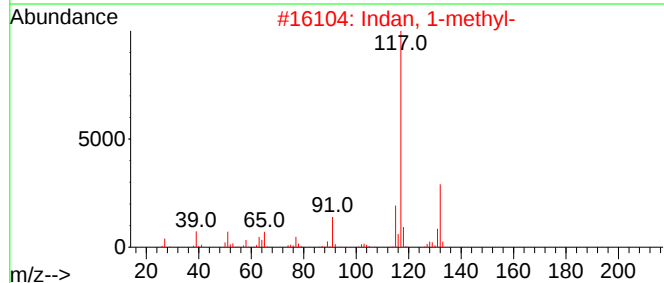
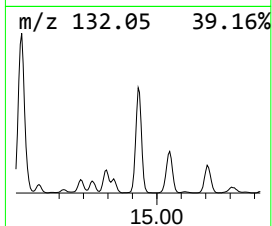
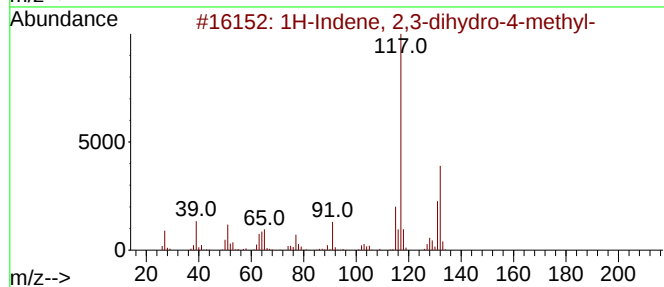
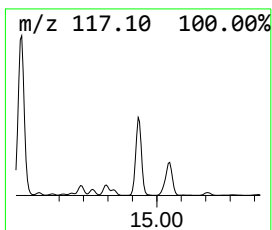
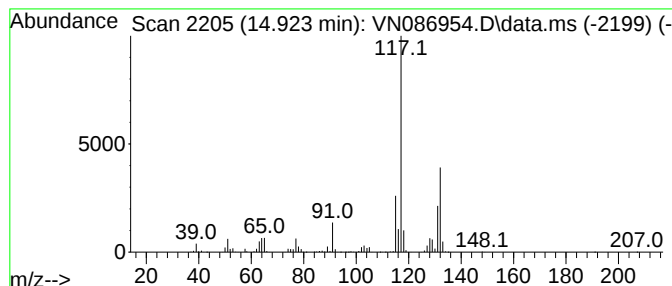
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.923	23.95 ug/l	3111280	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2			Indan, 1-methyl-	132	C10H12	000767-58-8	93
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90



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Sample : Q2231-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14-20250604

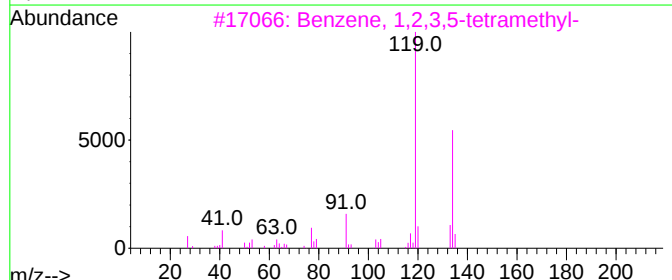
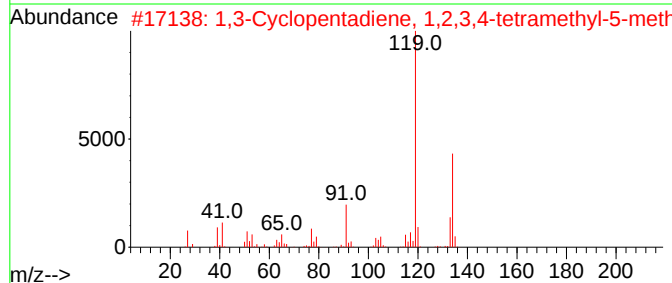
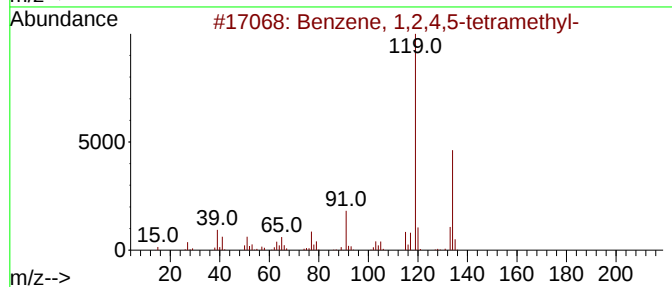
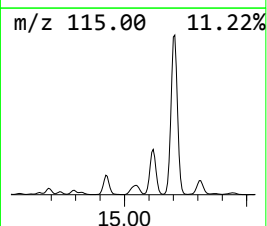
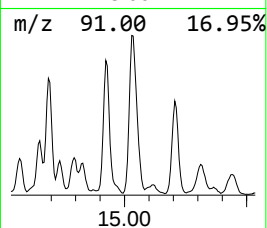
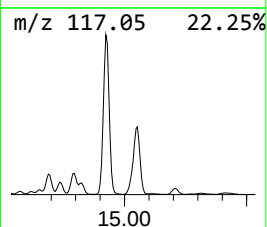
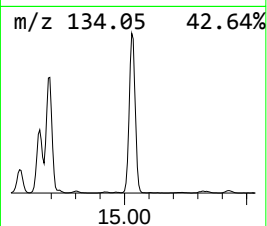
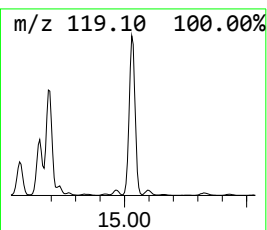
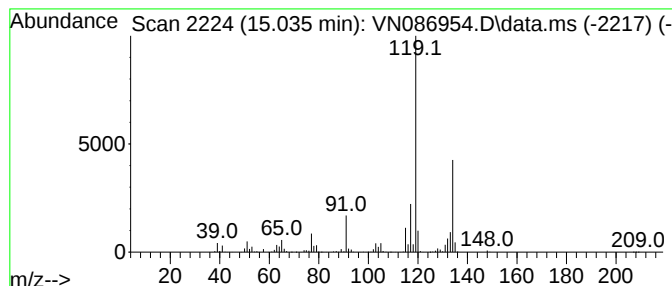
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.035	29.89 ug/l	3883280	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5			p-Cymene	134	C10H14	000099-87-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086954.D
Acq On : 11 Jun 2025 17:19
Operator : JC\MD
Sample : Q2231-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14-20250604

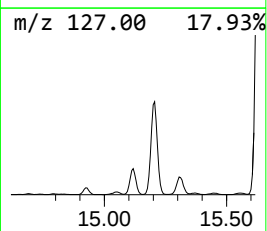
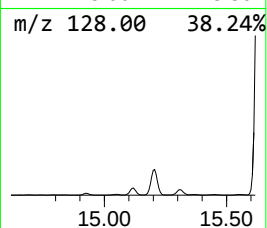
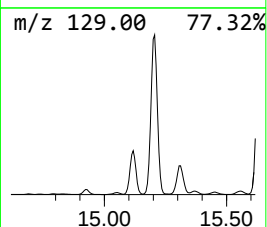
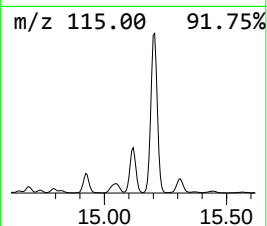
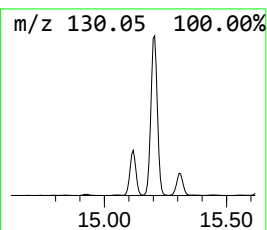
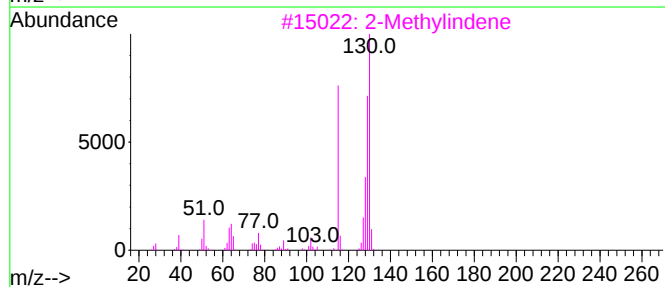
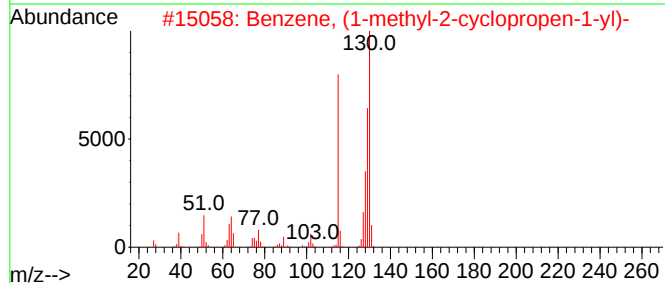
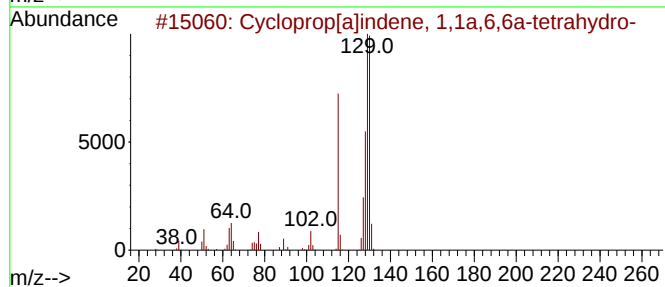
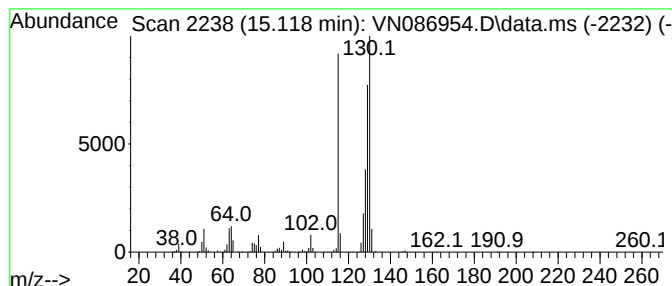
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Quant Title : SW846 8260

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

Peak Number 7 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.118	23.29 ug/l	3025000	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
2			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
3			2-Methylindene	130	C10H10	002177-47-1	94
4			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
5			Benzene, 1-butynyl-	130	C10H10	000622-76-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086954.D
Acq On : 11 Jun 2025 17:19
Operator : JC\MD
Sample : Q2231-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14-20250604

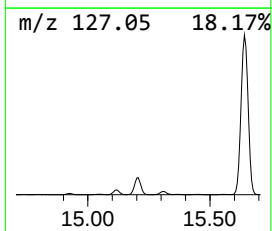
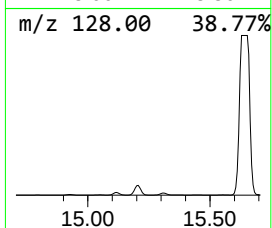
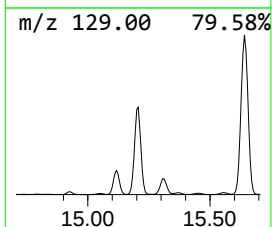
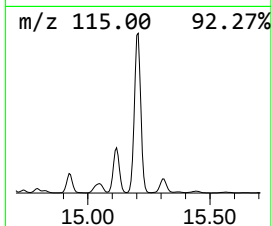
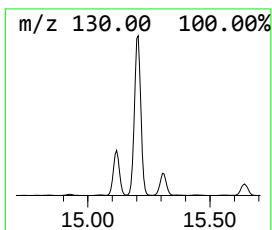
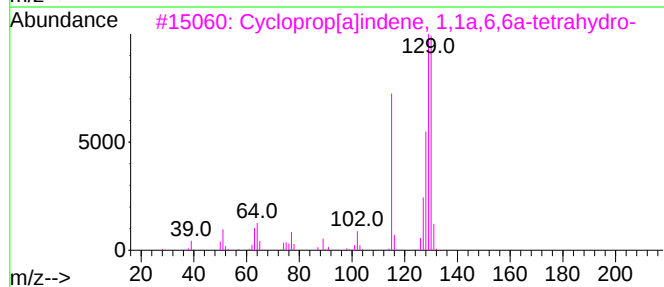
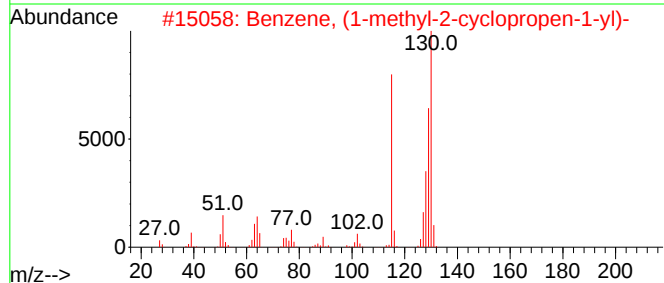
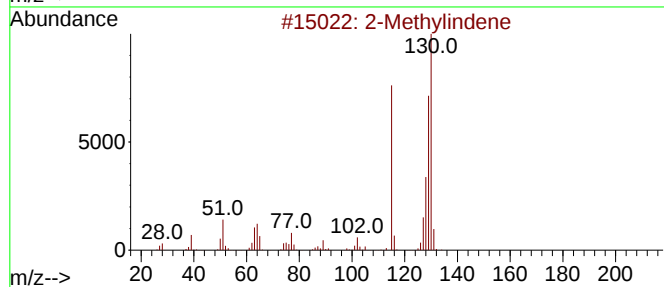
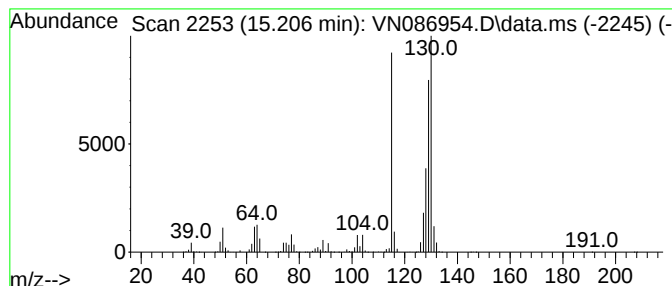
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Quant Title : SW846 8260

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

Peak Number 8 2-Methylindene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.206	91.65 ug/l	11906700	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	96
2			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086954.D
Acq On : 11 Jun 2025 17:19
Operator : JC\MD
Sample : Q2231-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14-20250604

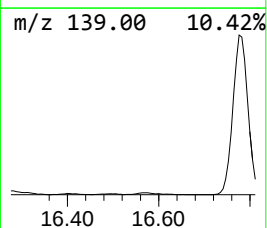
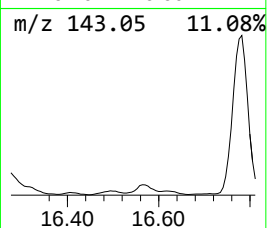
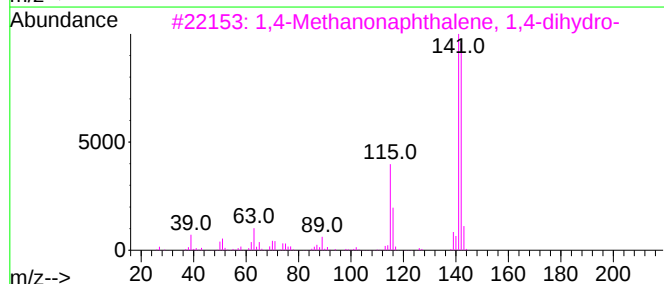
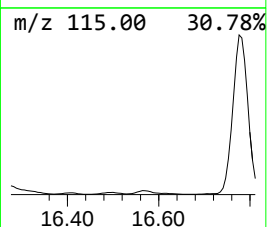
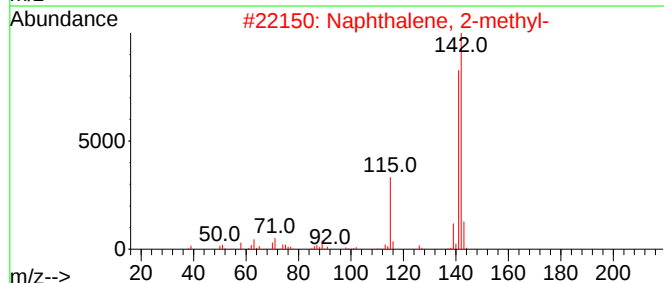
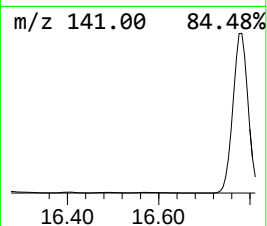
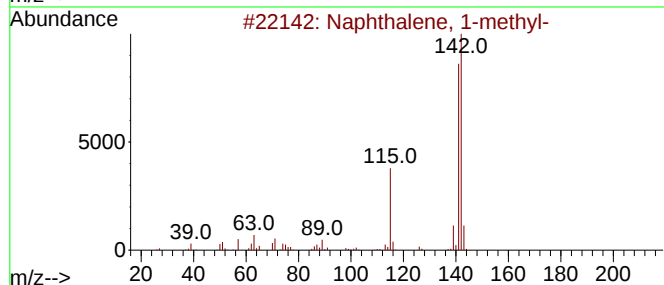
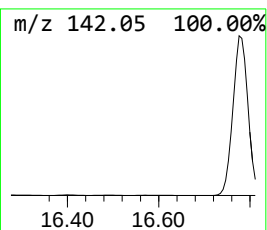
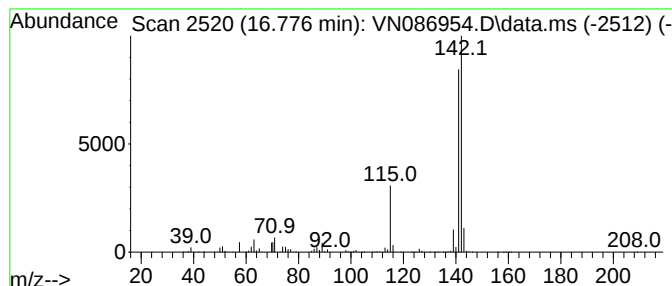
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.776	62.47 ug/l	8115730	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			3-Indolecarbonitrile	142	C9H6N2	005457-28-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086954.D
Acq On : 11 Jun 2025 17:19
Operator : JC\MD
Sample : Q2231-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14-20250604

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
Benzene, 1-ethy...	13.335	38.0	ug/l	4931700	4	13.788	6495450	50.0
Indane	13.994	112.9	ug/l	14667200	4	13.788	6495450	50.0
Benzene, 1-ethy...	14.329	18.3	ug/l	2372540	4	13.788	6495450	50.0
Indan, 1-methyl-	14.447	45.9	ug/l	5964150	4	13.788	6495450	50.0
1H-Indene, 2,3-...	14.923	23.9	ug/l	3111280	4	13.788	6495450	50.0
Benzene, 1,2,4,...	15.035	29.9	ug/l	3883280	4	13.788	6495450	50.0
Cycloprop[a]ind...	15.118	23.3	ug/l	3025000	4	13.788	6495450	50.0
2-Methylindene	15.206	91.7	ug/l	11906700	4	13.788	6495450	50.0
Naphthalene, 1-...	16.776	62.5	ug/l	8115730	4	13.788	6495450	50.0