LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088186.D
Acq On : 31 Oct 2025 14:21
Operator : JC\MD
Sample : Q3447-07
Misc : 3.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW4-251023-01

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: VN088186.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.101	20	25	32	rVB2	26009	41255	1.53%	0.119%
2	2.312	55	61	69	rBV	25961	44338	1.65%	0.128%
3	2.871	138	156	158	rBV5	45248	174645	6.49%	0.505%
4	2.959	166	171	177	rBV	68637	115162	4.28%	0.333%
5	4.436	411	422	438	rVB	104327	377363	14.02%	1.090%
6	5.012	509	520	534	rBV	51913	175967	6.54%	0.509%
7	6.706	798	808	826	rBV2	49243	158692	5.90%	0.459%
8	7.489	930	941	950	rBV2	10275	35453	1.32%	0.102%
9	7.977	1017	1024	1037	rVB6	15822	40085	1.49%	0.116%
10	8.147	1043	1053	1057	rBV	281120	690845	25.67%	1.996%
11	8.200	1057	1062	1078	rVB2	438761	1107233	41.14%	3.200%
12	8.559	1114	1123	1136	rBV	341393	810193	30.10%	2.341%
13	9.018	1195	1201	1204	rVV4	31069	63864	2.37%	0.185%
14	9.077	1204	1211	1220	rVV	740821	1563087	58.08%	4.517%
15	9.147	1220	1223	1234	rVB3	30907	70983	2.64%	0.205%
16	9.359	1253	1259	1269	rVB5	22934	55257	2.05%	0.160%
17	10.077	1371	1381	1388	rBV2	137637	283958	10.55%	0.821%
18	10.429	1434	1441	1448	rBV8	14716	30154	1.12%	0.087%
19	10.541	1450	1460	1466	rBV	1196604	2240148	83.24%	6.473%
20	10.606	1466	1471	1480	rVB	805658	1470858	54.65%	4.250%
21	10.724	1487	1491	1496	rVB4	19407	30481	1.13%	0.088%
22	10.959	1526	1531	1535	rBV3	18788	30426	1.13%	0.088%
23	11.235	1568	1578	1581	rBV3	44746	92507	3.44%	0.267%
24	11.271	1581	1584	1591	rVB3	33136	55998	2.08%	0.162%
25	11.412	1604	1608	1613	rBV5	19247	36123	1.34%	0.104%
26	11.841	1674	1681	1691	rBV	1006581	1901868	70.67%	5.496%
27	11.941	1692	1698	1705	rVV	617094	1070973	39.79%	3.095%
28	12.041	1709	1715	1726	rVB2	188578	424803	15.78%	1.228%
29	12.318	1757	1762	1764	rBV5	36044	64531	2.40%	0.186%
30	12.582	1800	1807	1813	rBV2	250160	467138	17.36%	1.350%
31	12.676	1820	1823	1827	rVB3	32228	49157	1.83%	0.142%
32	12.735	1827	1833	1838	rBV	216448	348407	12.95%	1.007%
33	12.788	1838	1842	1843	rBV3	35966	36500	1.36%	0.105%
34	12.829	1843	1849	1856	rVV	734157	1302213	48.39%	3.763%
35	12.894	1856	1860	1861	rVV	113656	147102	5.47%	0.425%
36	12.935	1861	1867	1874	rVB	1011365	1814808	67.43%	5.244%

LSC Area Percent Report

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Acq On : 31 Oct 2025 14:21
Operator : JC\MD
Sample : Q3447-07
Misc : 3.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW4-251023-01

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

37	13.018	1874	1881	1887	rVB2	102150	210741	7.83%	0.609%
38	13.076	1887	1891	1894	rBV2	73589	120991	4.50%	0.350%
39	13.170	1904	1907	1913	rVB4	79494	123546	4.59%	0.357%
40	13.259	1917	1922	1929	rVB4	147438	302262	11.23%	0.873%
41	13.459	1952	1956	1962	rVB	65531	109687	4.08%	0.317%
42	13.612	1968	1982	1984	rBV2	339884	814952	30.28%	2.355%
43	13.647	1984	1988	1992	rVV	753134	1329745	49.41%	3.843%
44	13.706	1993	1998	2003	rVB	1207129	1969280	73.17%	5.691%
45	13.770	2003	2009	2028	rVB2	1109315	2691314	100.00%	7.777%
46	13.970	2031	2043	2050	rBV7	241479	892260	33.15%	2.578%
47	14.041	2051	2055	2056	rBV3	108295	138707	5.15%	0.401%
48	14.300	2097	2099	2105	rVB3	57951	90302	3.36%	0.261%
49	14.394	2109	2115	2126	rVV3	676865	1313907	48.82%	3.797%
50	14.523	2129	2137	2145	rVB6	129237	406608	15.11%	1.175%
51	14.641	2153	2157	2166	rVB7	137409	406274	15.10%	1.174%
52	14.712	2166	2169	2174	rVB5	47761	66909	2.49%	0.193%
53	14.782	2177	2181	2190	rBV4	142715	344992	12.82%	0.997%
54	14.912	2198	2203	2212	rVB6	194658	508183	18.88%	1.469%
55	15.029	2215	2223	2230	rVV4	221822	508888	18.91%	1.471%
56	15.123	2235	2239	2244	rVB	305620	464488	17.26%	1.342%
57	15.294	2263	2268	2274	rVB3	102848	194646	7.23%	0.562%
58	15.417	2283	2289	2306	rVB3	252828	900091	33.44%	2.601%
59	15.612	2310	2322	2330	rBV2	476347	1298323	48.24%	3.752%
60	16.176	2414	2418	2421	rBV6	62047	119863	4.45%	0.346%
61	16.264	2430	2433	2450	rVB4	158211	511778	19.02%	1.479%
62	16.664	2494	2501	2507	rBV4	140085	308710	11.47%	0.892%
63	16.747	2508	2515	2522	rBV2	438194	1034878	38.45%	2.991%

Sum of corrected areas: 34604900

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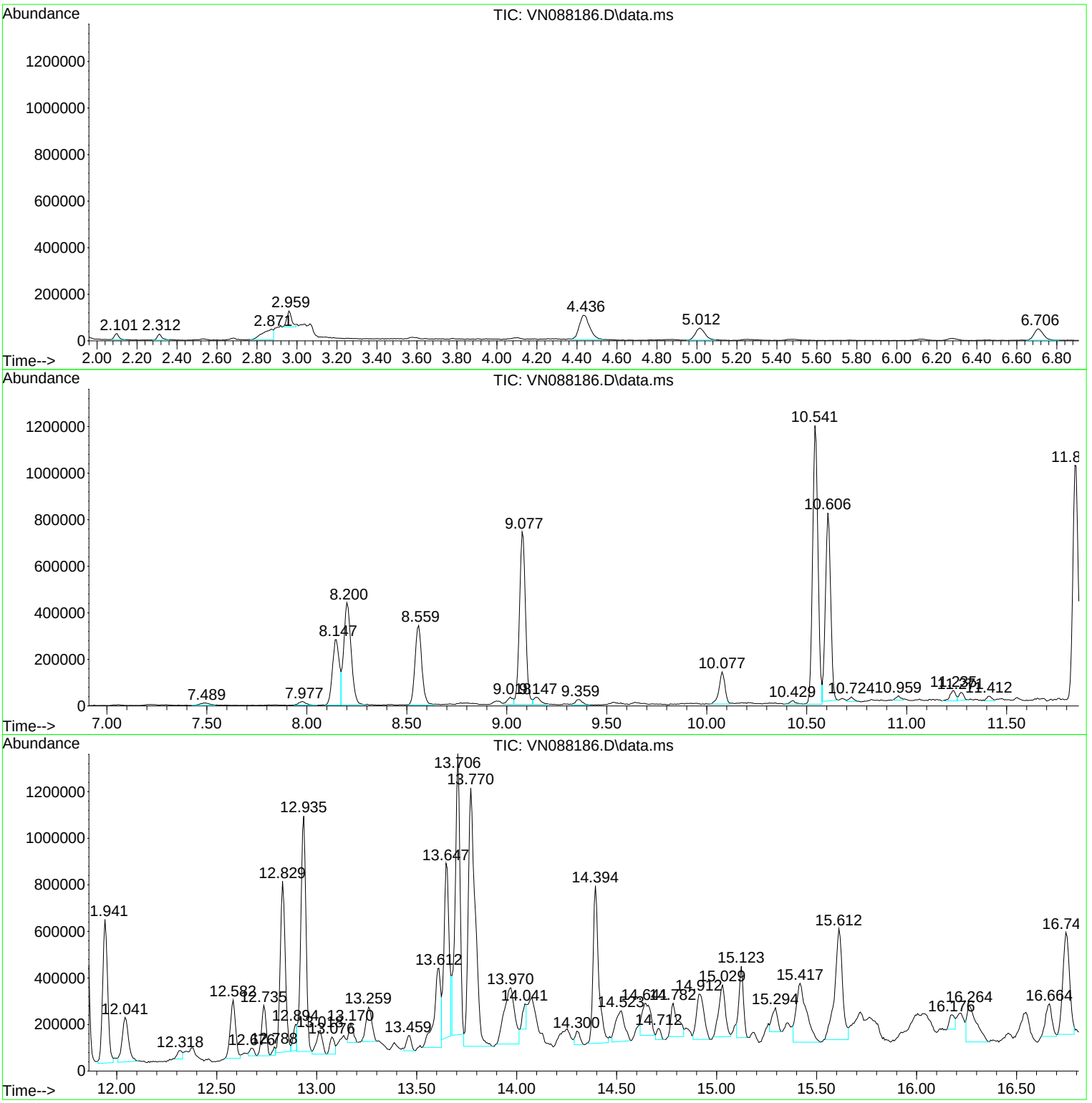
Instrument :
MSVOA_N
ClientSampleId :
P001-TW4-251023-01

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088186.D
Acq On : 31 Oct 2025 14:21
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MSVOA_N
ClientSampleId :
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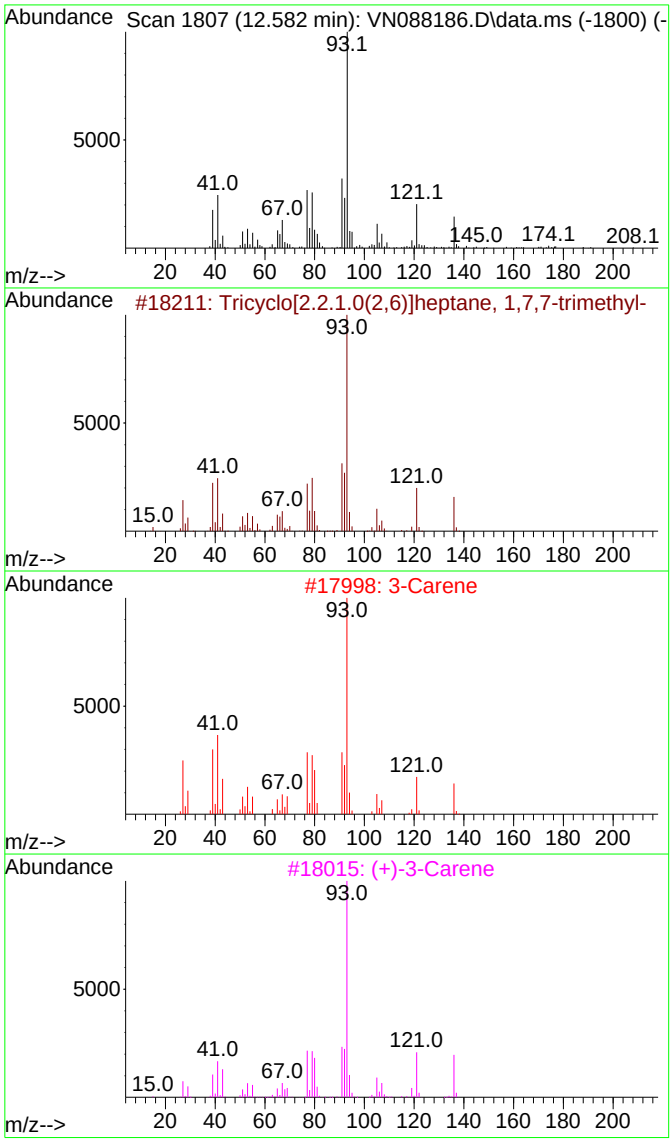
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

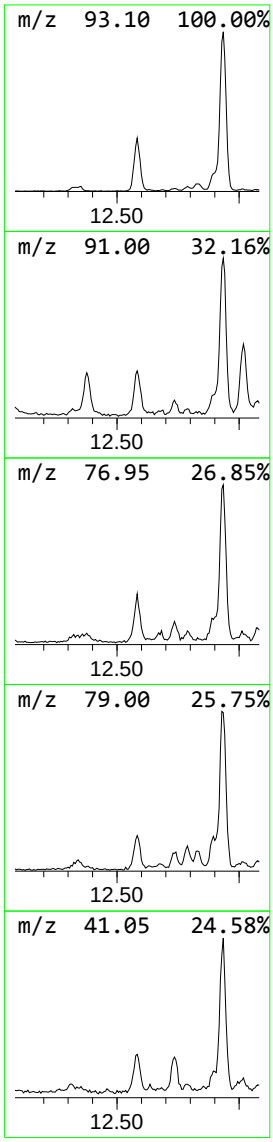
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.582	12.28 ug/l	467138	Chlorobenzene-d5	11.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	96
2	3-Carene	136	C10H16	013466-78-9	94
3	(+)-3-Carene	136	C10H16	000498-15-7	91
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088186.D
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Operator : JC\MD
Sample : Q3447-07
Misc : 3.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW4-251023-01

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

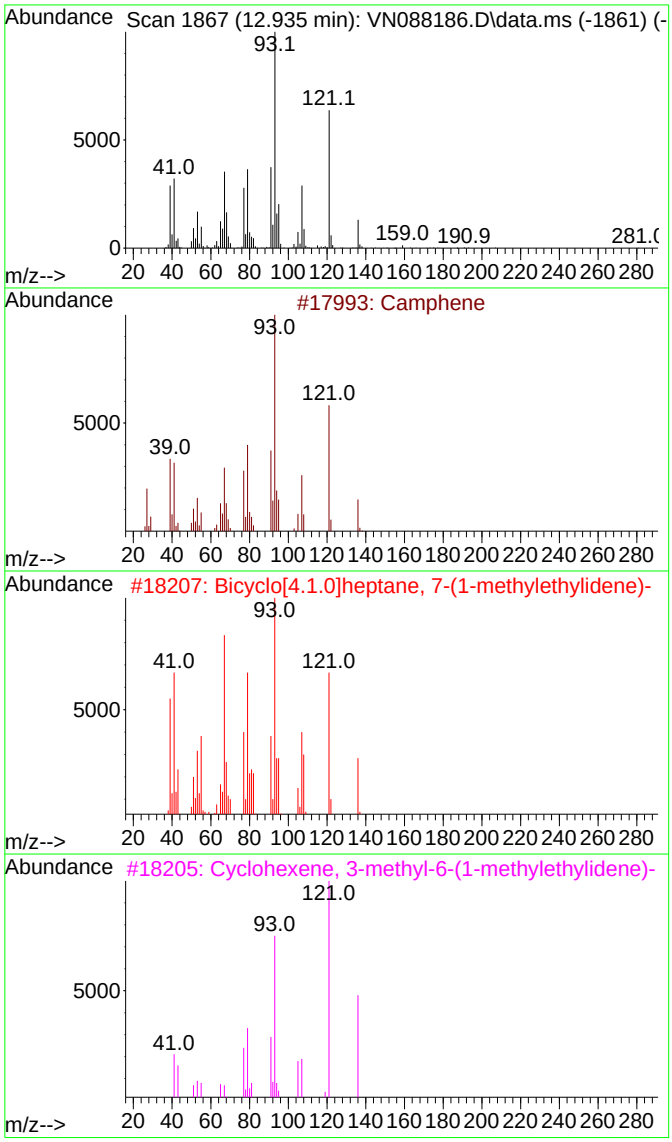
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

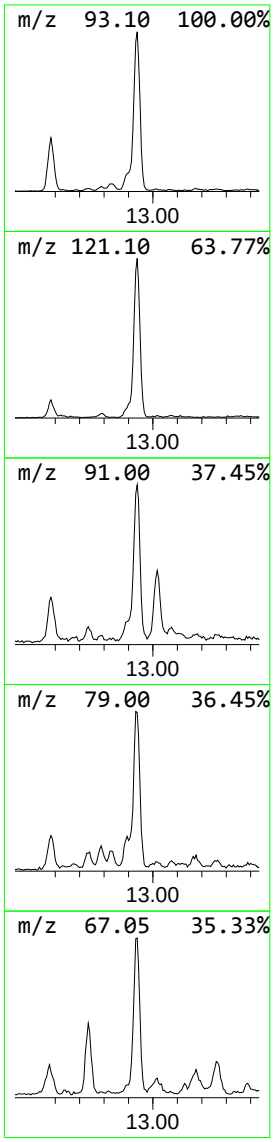
****

Peak Number 2 Camphene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.935	33.72 ug/l	1814810	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	95
2	Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	81
3	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	81
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	76
5	2-Carene	136	C10H16	000554-61-0	68





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Data File : VN088186.D
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Operator : JC\MD
Sample : Q3447-07
Misc : 3.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW4-251023-01

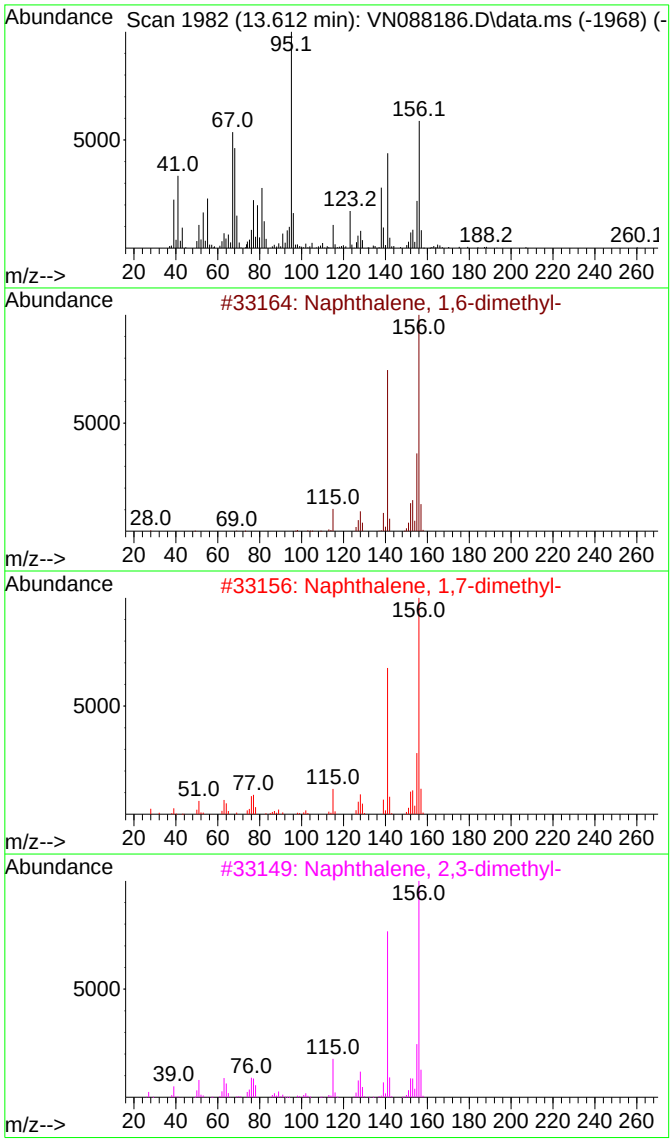
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

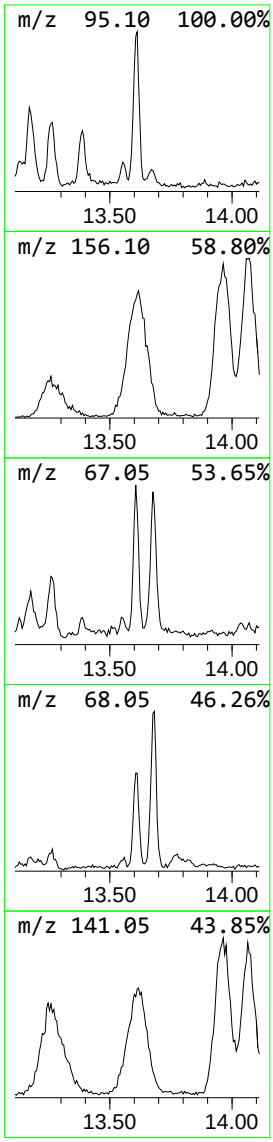
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.612	15.14 ug/l	814952	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	68
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	68
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088186.D
Acq On : 31 Oct 2025 14:21
Operator : JC\MD
Sample : Q3447-07
Misc : 3.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW4-251023-01

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

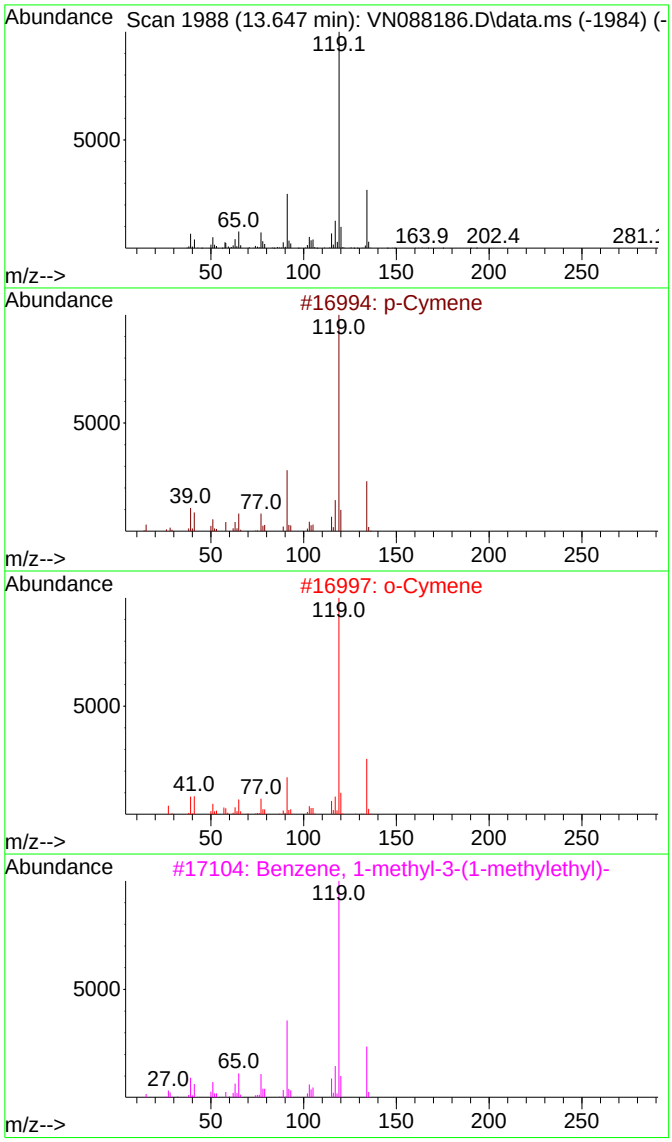
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

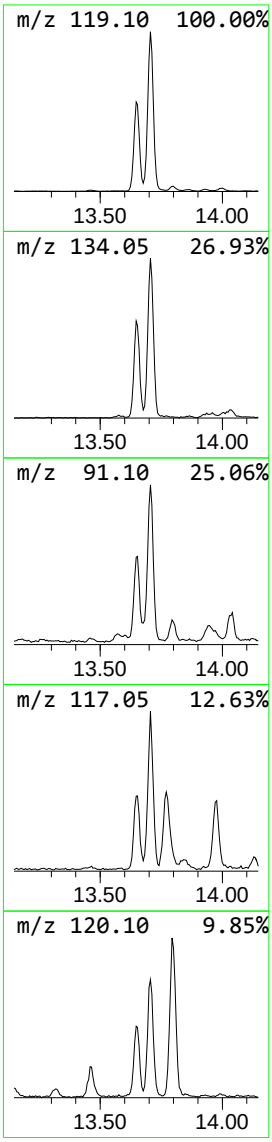
****

Peak Number 4 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.647	24.70 ug/l	1329750	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Misc : 3.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

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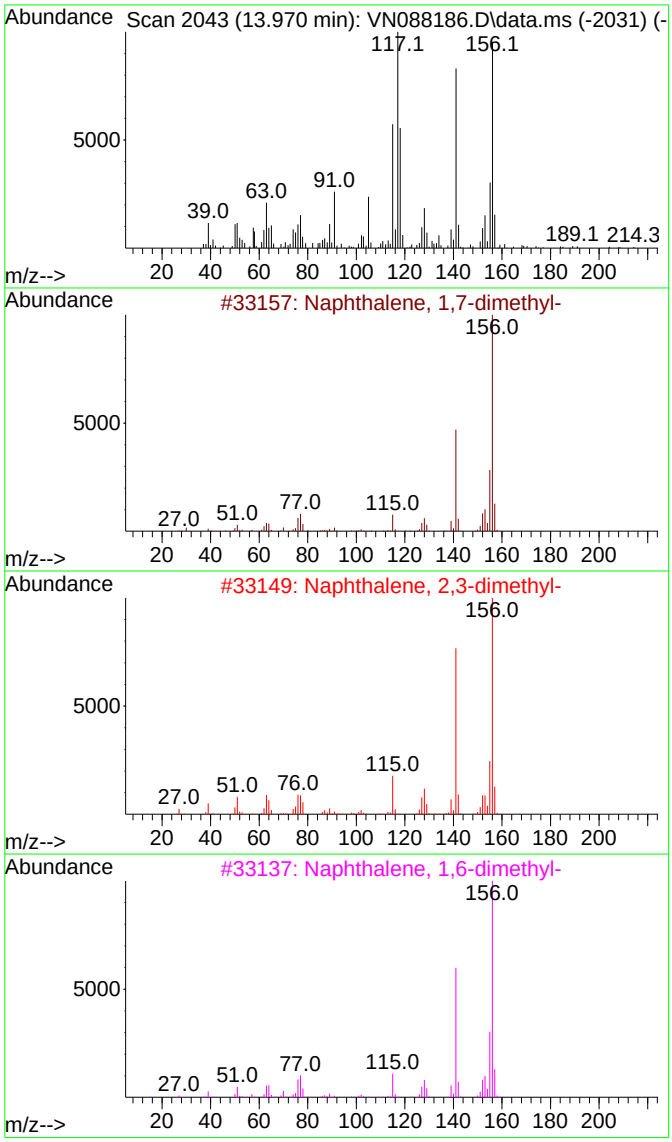
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

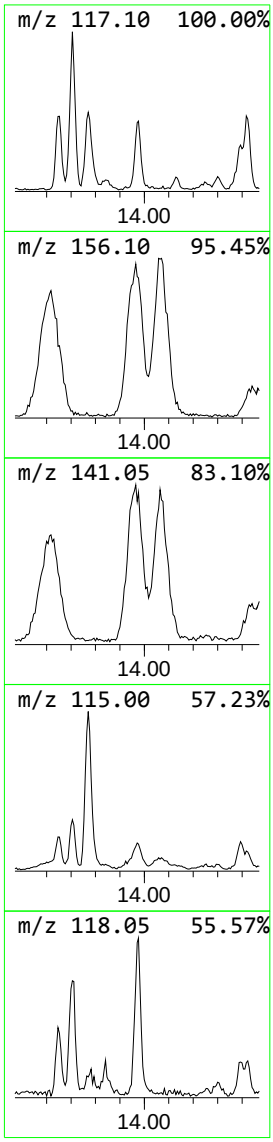
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	16.58 ug/l	892260	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	87





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Operator : JC\MD
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW4-251023-01

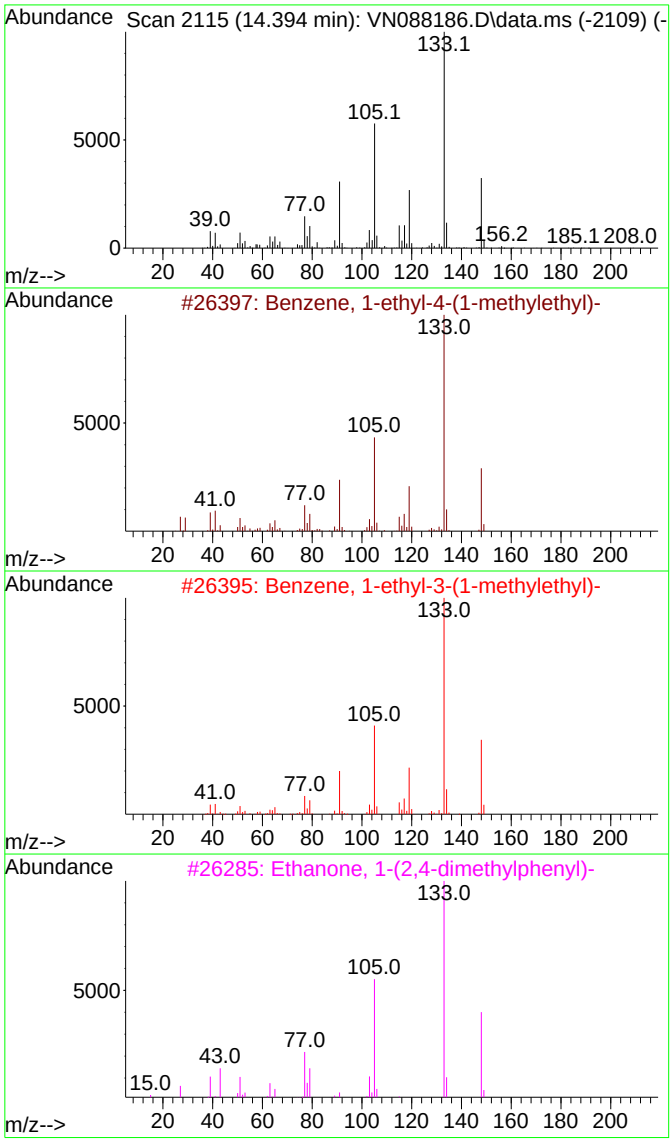
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

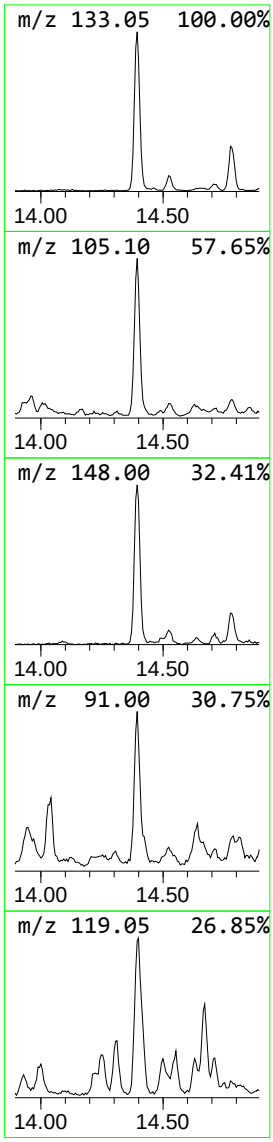
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.394	24.41 ug/l	1313910	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	96
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	95
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	94
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	93
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	87





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Acq On : 31 Oct 2025 14:21
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MSVOA_N
ClientSampleId :
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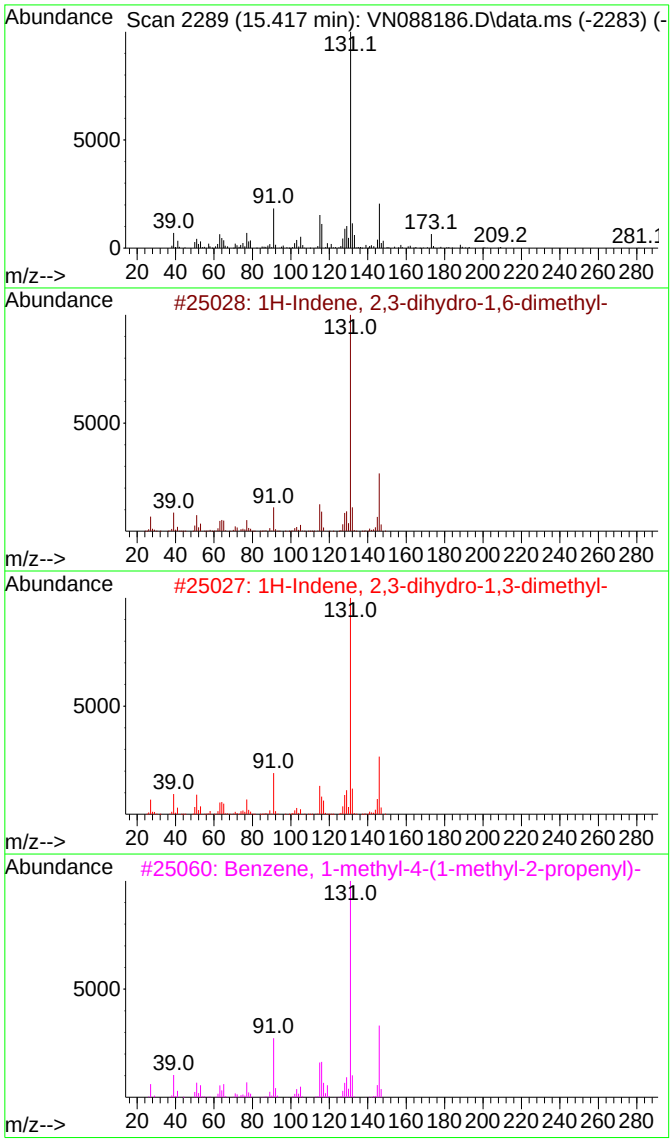
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

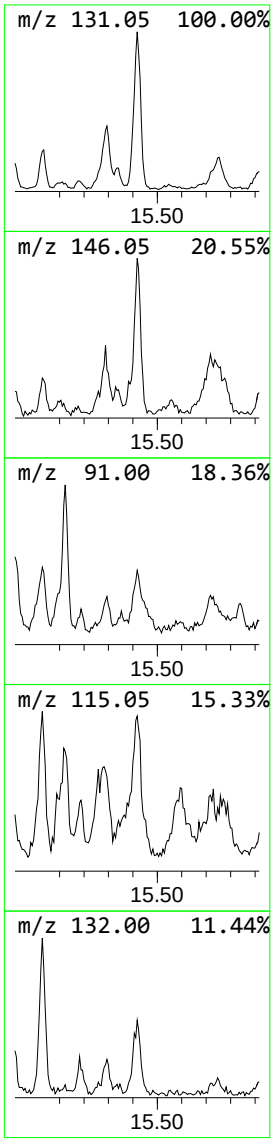
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.417	16.72 ug/l	900091	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	87
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088186.D
Acq On : 31 Oct 2025 14:21
Operator : JC\MD
Sample : Q3447-07
Misc : 3.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW4-251023-01

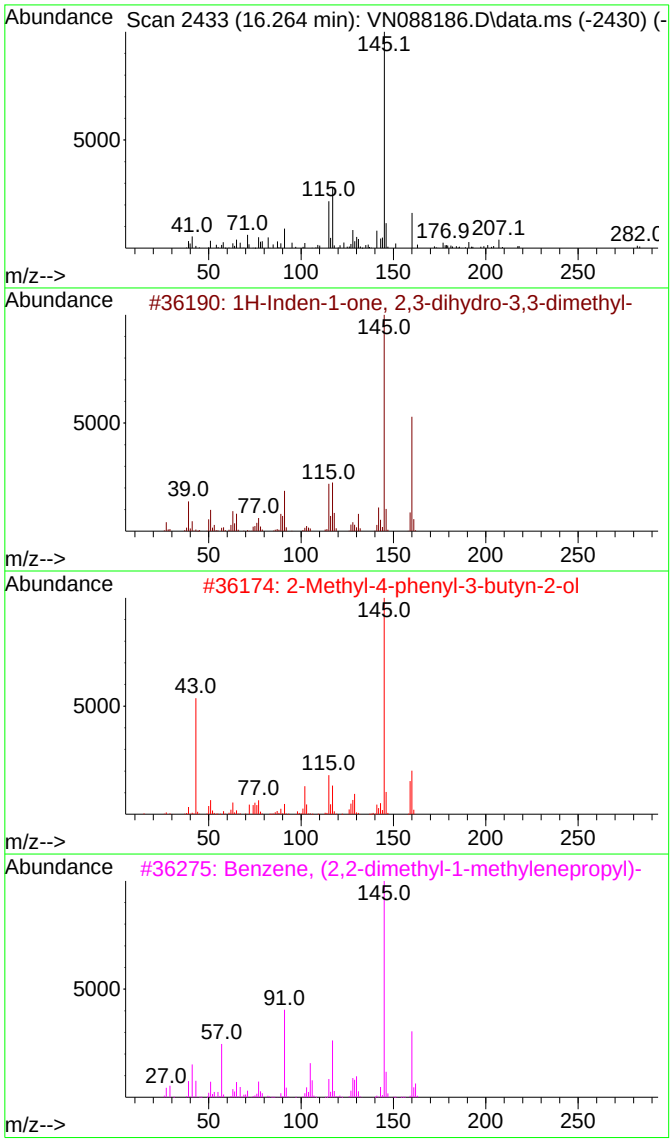
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

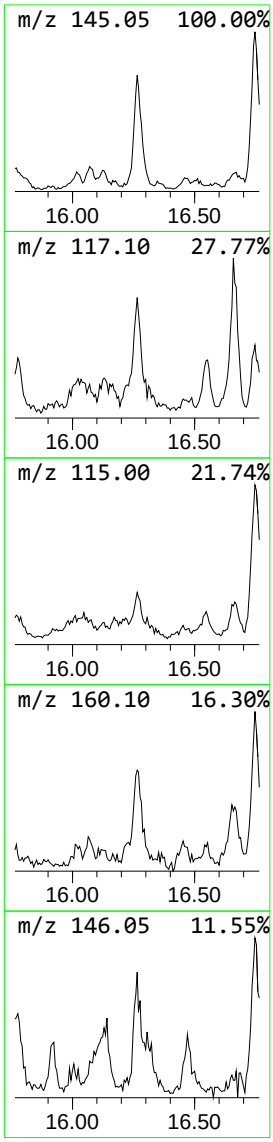
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.264	9.51 ug/l	511778	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	87
2	2-Methyl-4-phenyl-3-butyn-2-ol	160	C11H12O	001719-19-3	80
3	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	59
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	59
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088186.D
Acq On : 31 Oct 2025 14:21
Operator : JC\MD
Sample : Q3447-07
Misc : 3.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW4-251023-01

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tricyclo[2.2.1....	12.582	12.3	ug/l	467138	3	11.847	1901870	50.0
Camphene	12.935	33.7	ug/l	1814810	4	13.771	2691310	50.0
Naphthalene, 1,...	13.612	15.1	ug/l	814952	4	13.771	2691310	50.0
o-Cymene	13.647	24.7	ug/l	1329750	4	13.771	2691310	50.0
Naphthalene, 1,...	13.970	16.6	ug/l	892260	4	13.771	2691310	50.0
Benzene, 1-ethy...	14.394	24.4	ug/l	1313910	4	13.771	2691310	50.0
1H-Indene, 2,3-...	15.417	16.7	ug/l	900091	4	13.771	2691310	50.0
1H-Inden-1-one,...	16.264	9.5	ug/l	511778	4	13.771	2691310	50.0