LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

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\82N112425W.M
Title : SW846 8260

Signal : TIC: VN088406.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.136	26	31	37	rBV	10455	19648	1.24%	0.130%
2	3.271	214	224	234	rBV3	15989	36242	2.29%	0.240%
3	4.424	412	420	432	rVB6	8013	26518	1.67%	0.176%
4	5.259	553	562	564	rBV2	18888	38953	2.46%	0.258%
5	5.806	639	655	666	rBV4	36349	126444	7.98%	0.837%
6	7.206	882	893	903	rBV3	41651	120523	7.60%	0.798%
7	7.412	917	928	934	rBV	7237	21735	1.37%	0.144%
8	7.477	934	939	944	rVB6	7982	20632	1.30%	0.137%
9	7.983	1019	1025	1034	rVB3	7565	17834	1.12%	0.118%
10	8.147	1043	1053	1058	rBV2	197913	483701	30.51%	3.203%
11	8.206	1058	1063	1072	rVV2	272344	609723	38.46%	4.037%
12	8.306	1072	1080	1090	rVB2	72017	181837	11.47%	1.204%
13	8.430	1092	1101	1107	rBV3	28159	64245	4.05%	0.425%
14	8.559	1114	1123	1136	rVV	219269	506753	31.96%	3.355%
15	8.741	1138	1154	1166	rVV	379226	1071274	67.57%	7.093%
16	8.836	1166	1170	1179	rVB7	10033	21920	1.38%	0.145%
17	9.083	1203	1212	1224	rBV	489453	1034956	65.28%	6.853%
18	9.547	1282	1291	1292	rBV4	31536	57954	3.66%	0.384%
19	9.618	1298	1303	1310	rVB2	41618	83873	5.29%	0.555%
20	9.706	1312	1318	1323	rVV2	33194	70534	4.45%	0.467%
21	9.847	1331	1342	1350	rBV4	26351	64754	4.08%	0.429%
22	9.994	1358	1367	1378	rBV	369836	755936	47.68%	5.005%
23	10.124	1378	1389	1401	rVV	505675	1063746	67.10%	7.043%
24	10.212	1401	1404	1412	rVB6	19551	37920	2.39%	0.251%
25	10.312	1412	1421	1434	rBV2	42611	122417	7.72%	0.811%
26	10.471	1440	1448	1453	rBV2	45331	82218	5.19%	0.544%
27	10.541	1453	1460	1478	rVV	812081	1585347	100.00%	10.497%
28	10.671	1478	1482	1485	rVV5	15343	28370	1.79%	0.188%
29	10.718	1485	1490	1497	rVB7	27693	70315	4.44%	0.466%
30	10.888	1514	1519	1525	rBV6	14892	29065	1.83%	0.192%
31	10.982	1525	1535	1541	rBV6	45754	116577	7.35%	0.772%
32	11.212	1568	1574	1576	rBV4	11761	19063	1.20%	0.126%
33	11.359	1595	1599	1604	rBV5	12009	25468	1.61%	0.169%
34	11.441	1609	1613	1618	rVV8	9951	17781	1.12%	0.118%
35	11.494	1618	1622	1627	rVV8	10800	19323	1.22%	0.128%
36	11.612	1635	1642	1646	rBV7	9313	17600	1.11%	0.117%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

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\82N112425W.M
Title : SW846 8260

37	11.653	1646	1649	1656	rVB5	12109	24618	1.55%	0.163%
38	11.729	1656	1662	1668	rBV3	9580	19249	1.21%	0.127%
39	11.841	1674	1681	1693	rBV	739084	1358183	85.67%	8.993%
40	11.935	1694	1697	1702	rVV6	10947	22048	1.39%	0.146%
41	12.347	1762	1767	1771	rBV4	9628	17849	1.13%	0.118%
42	12.829	1841	1849	1859	rBV	494290	942924	59.48%	6.243%
43	12.906	1860	1862	1869	rVB6	12862	18935	1.19%	0.125%
44	13.576	1970	1976	1978	rBV2	14709	26054	1.64%	0.173%
45	13.647	1984	1988	1993	rVB2	15954	23583	1.49%	0.156%
46	13.771	2002	2009	2023	rVB	693577	1268102	79.99%	8.396%
47	13.929	2029	2036	2038	rBV2	36682	62945	3.97%	0.417%
48	13.959	2038	2041	2045	rVV	40583	65847	4.15%	0.436%
49	14.012	2045	2050	2059	rVB2	80149	156601	9.88%	1.037%
50	14.094	2059	2064	2069	rVB8	12194	23725	1.50%	0.157%
51	14.159	2069	2075	2081	rBV2	41354	75233	4.75%	0.498%
52	14.247	2081	2090	2095	rBV	56925	107193	6.76%	0.710%
53	14.306	2095	2100	2107	rVB	97218	159344	10.05%	1.055%
54	14.412	2110	2118	2124	rBV5	62975	135212	8.53%	0.895%
55	14.482	2127	2130	2136	rVB6	18517	30787	1.94%	0.204%
56	14.547	2136	2141	2146	rVB3	19008	29840	1.88%	0.198%
57	14.629	2146	2155	2160	rBV2	75611	149590	9.44%	0.990%
58	14.706	2163	2168	2173	rVV	109224	173508	10.94%	1.149%
59	14.747	2173	2175	2179	rVV2	22262	25896	1.63%	0.171%
60	14.853	2188	2193	2197	rVV3	66909	103157	6.51%	0.683%
61	14.912	2197	2203	2204	rVV5	29540	49706	3.14%	0.329%
62	14.941	2205	2208	2213	rVB3	49269	76967	4.85%	0.510%
63	15.000	2213	2218	2223	rBV2	64432	134170	8.46%	0.888%
64	15.070	2226	2230	2238	rVB	51286	91603	5.78%	0.607%
65	15.206	2249	2253	2256	rBV4	14666	24402	1.54%	0.162%
66	15.294	2256	2268	2272	rBV2	138799	331999	20.94%	2.198%
67	15.412	2281	2288	2301	rVB4	97064	244774	15.44%	1.621%
68	15.570	2308	2315	2320	rBV9	18466	51410	3.24%	0.340%
69	15.717	2335	2340	2345	rVV4	29643	63041	3.98%	0.417%
70	15.776	2345	2350	2365	rVB7	29456	90113	5.68%	0.597%
71	15.917	2367	2374	2381	rBV4	32808	73225	4.62%	0.485%
72	16.088	2396	2403	2407	rBV7	17499	45733	2.88%	0.303%
73	16.223	2420	2426	2432	rVB6	18511	33887	2.14%	0.224%
74	16.288	2432	2437	2446	rBV4	18745	53738	3.39%	0.356%
75	16.459	2459	2466	2472	rBV10	10315	29815	1.88%	0.197%
76	16.676	2500	2503	2510	rVB8	9824	16976	1.07%	0.112%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

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\82N112425W.M
Title : SW846 8260

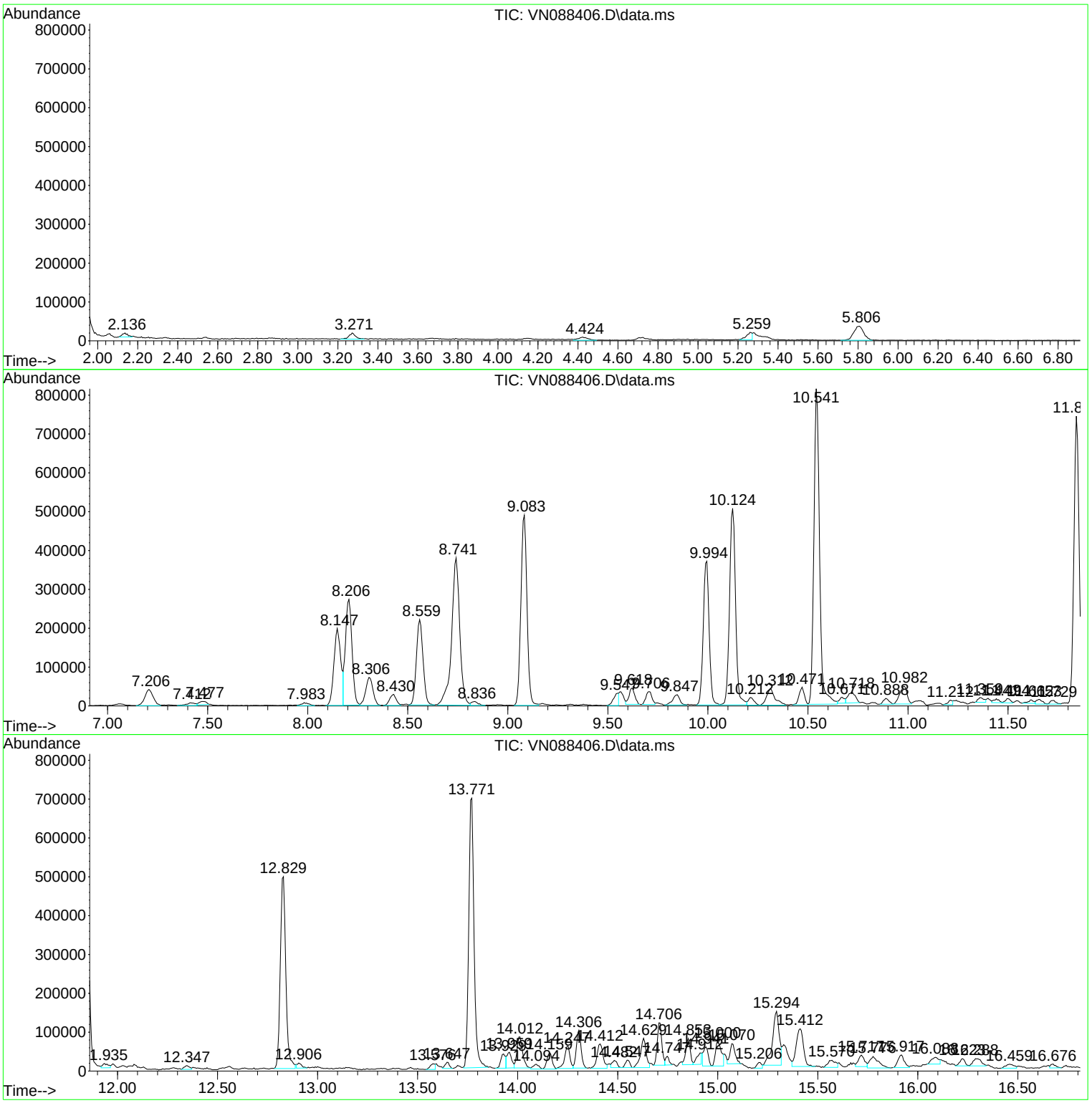
Sum of corrected areas: 15103181

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

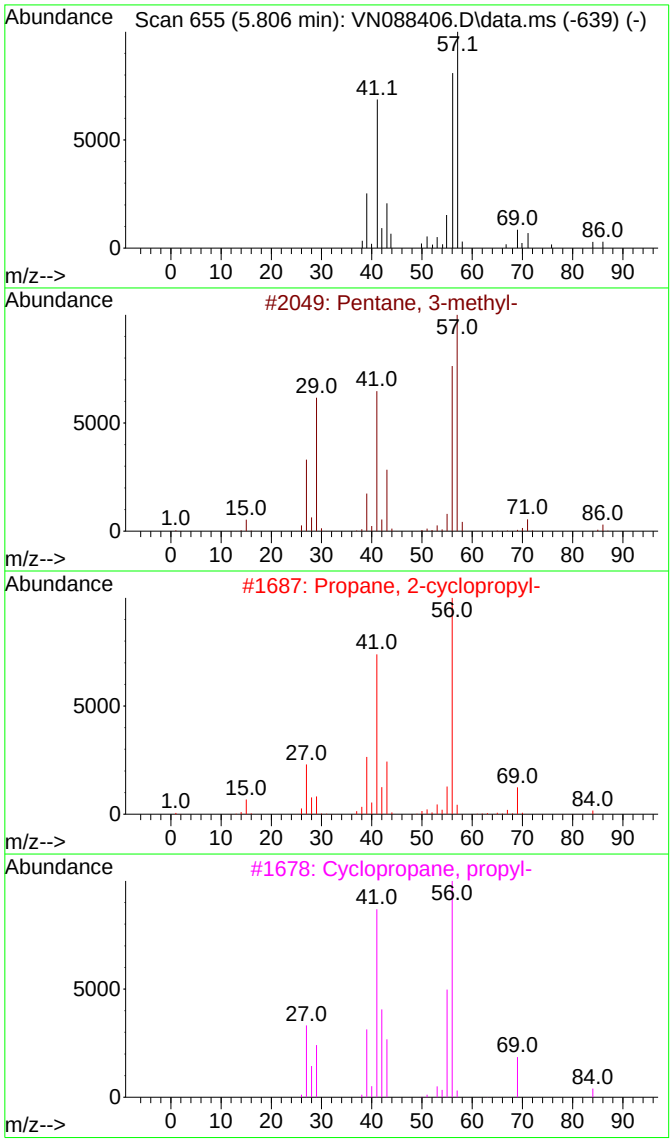
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

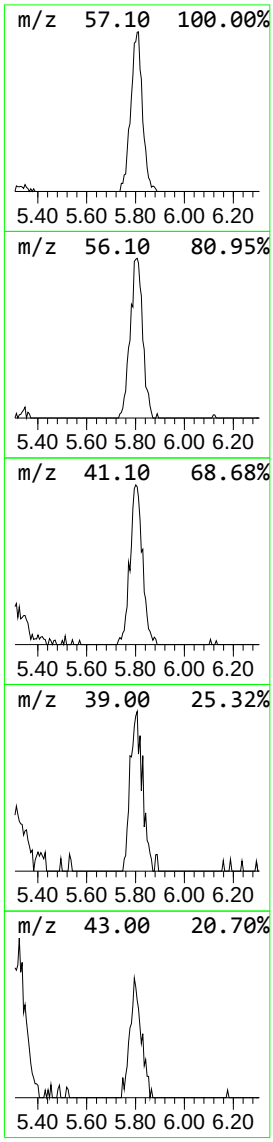
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.806	10.37 ug/l	126444	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	50
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	42
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

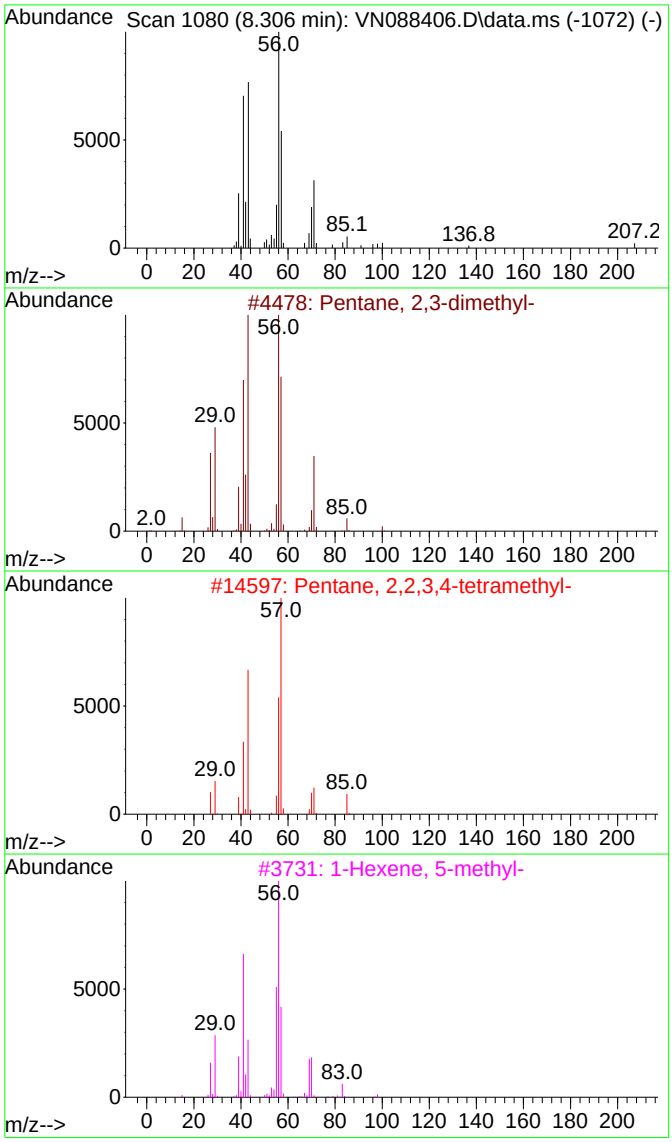
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

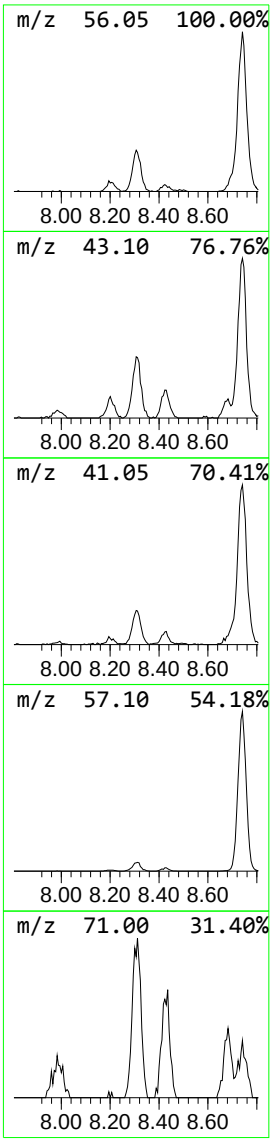
****

Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.306	14.91 ug/l	181837	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
3	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	49
4	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	47
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

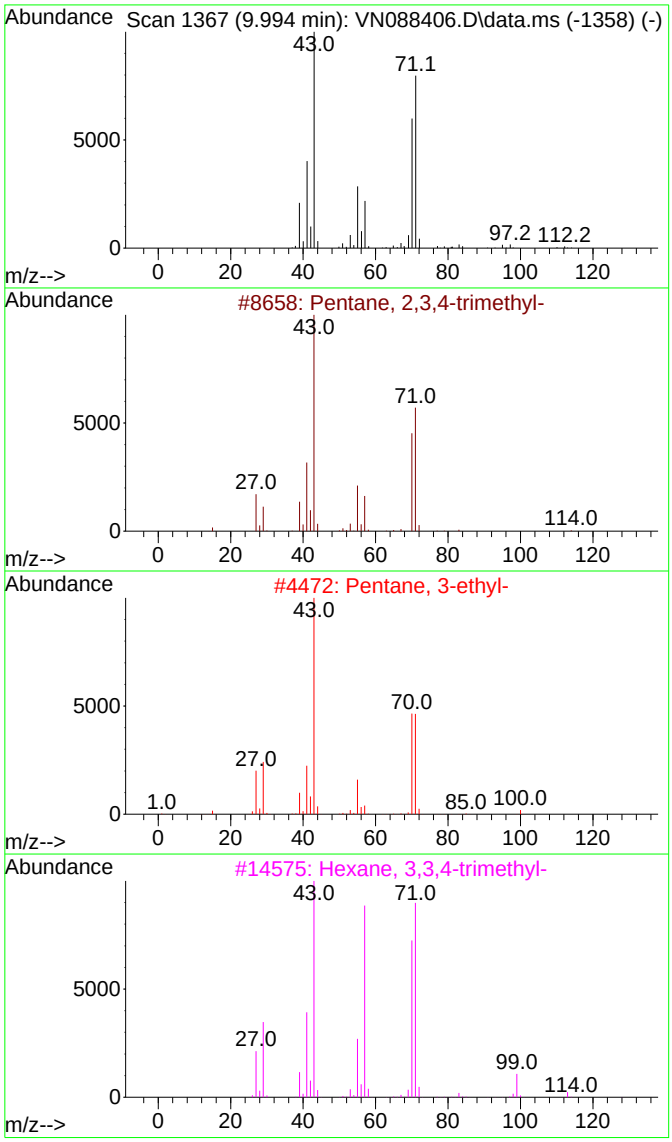
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

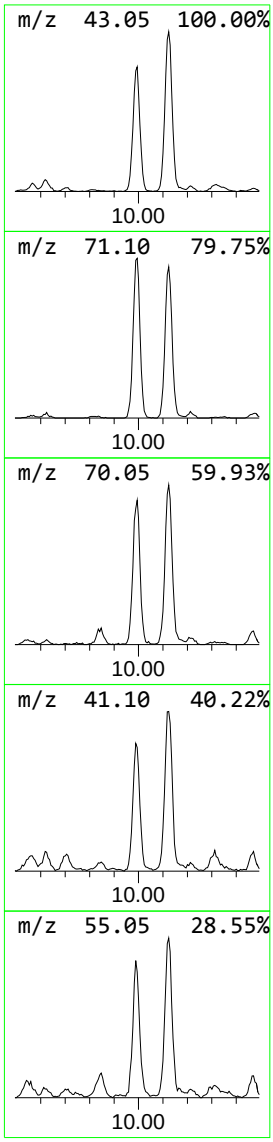
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.994	36.52 ug/l	755936	1,4-Difluorobenzene	9.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	74
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

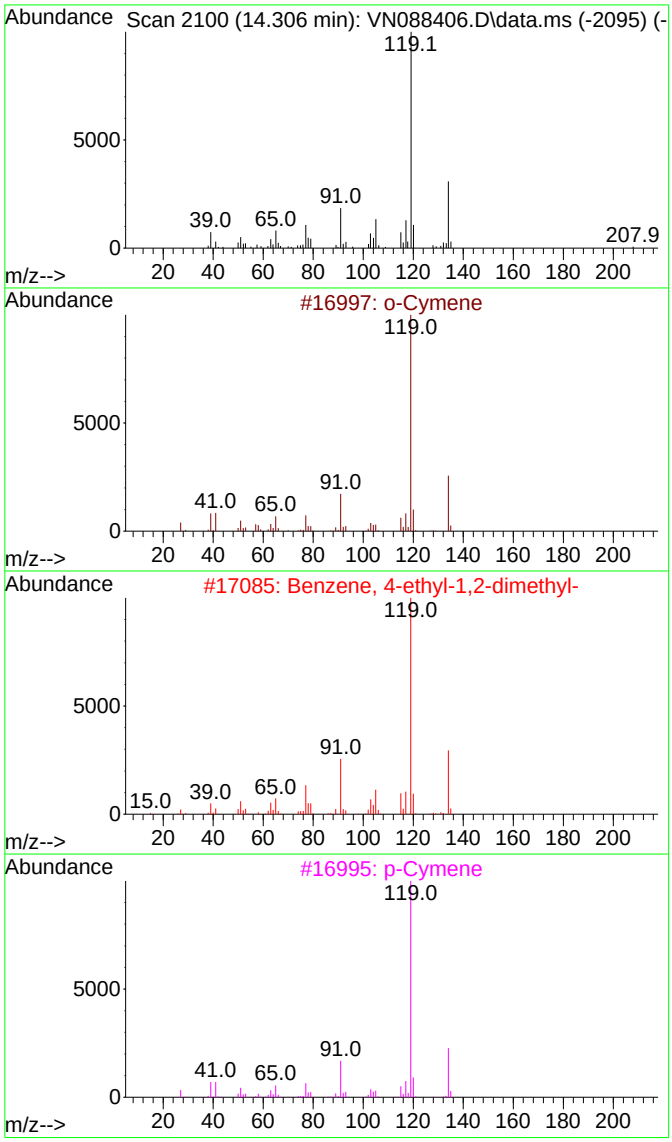
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

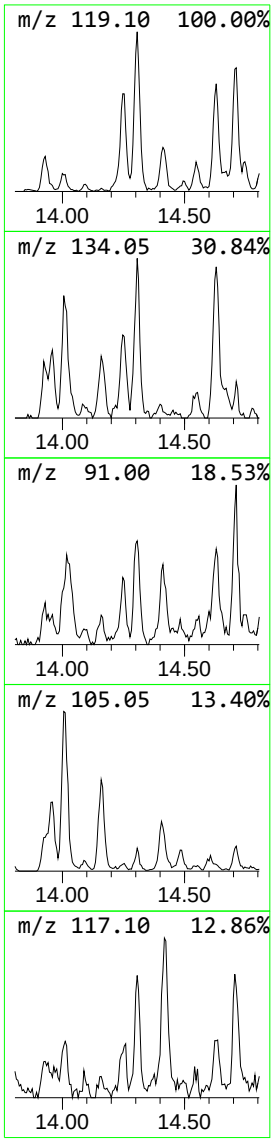
****

Peak Number 9 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	6.28 ug/l	159344	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

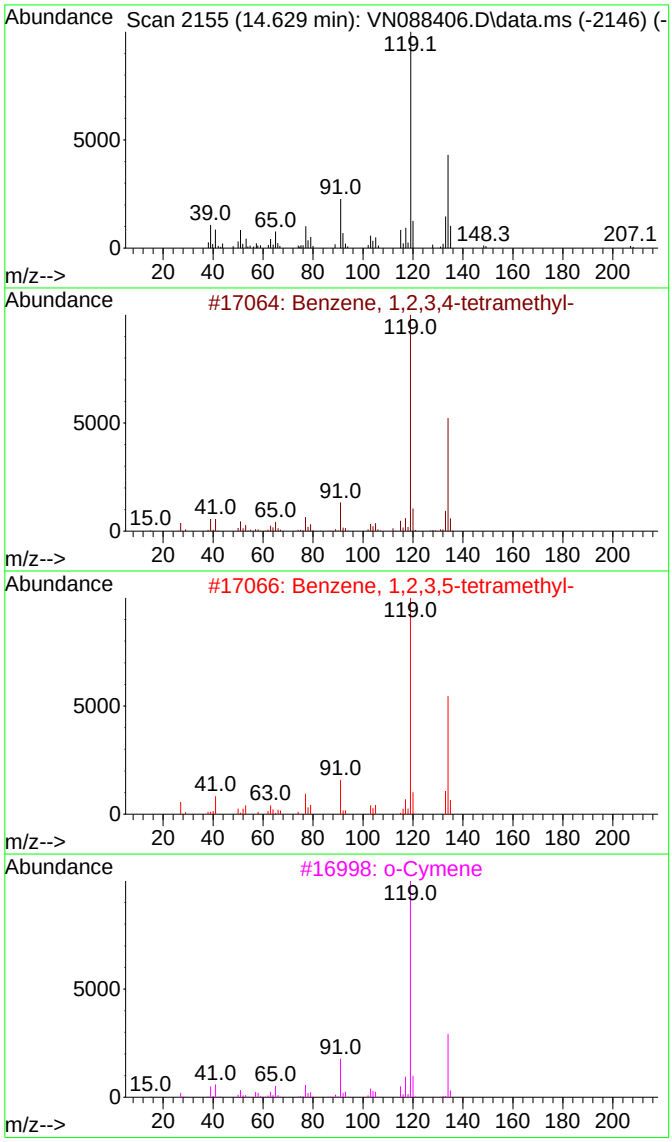
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

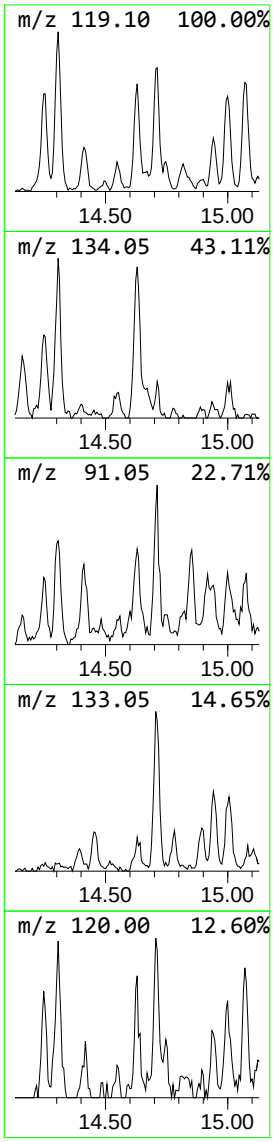
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.629	5.90 ug/l	149590	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

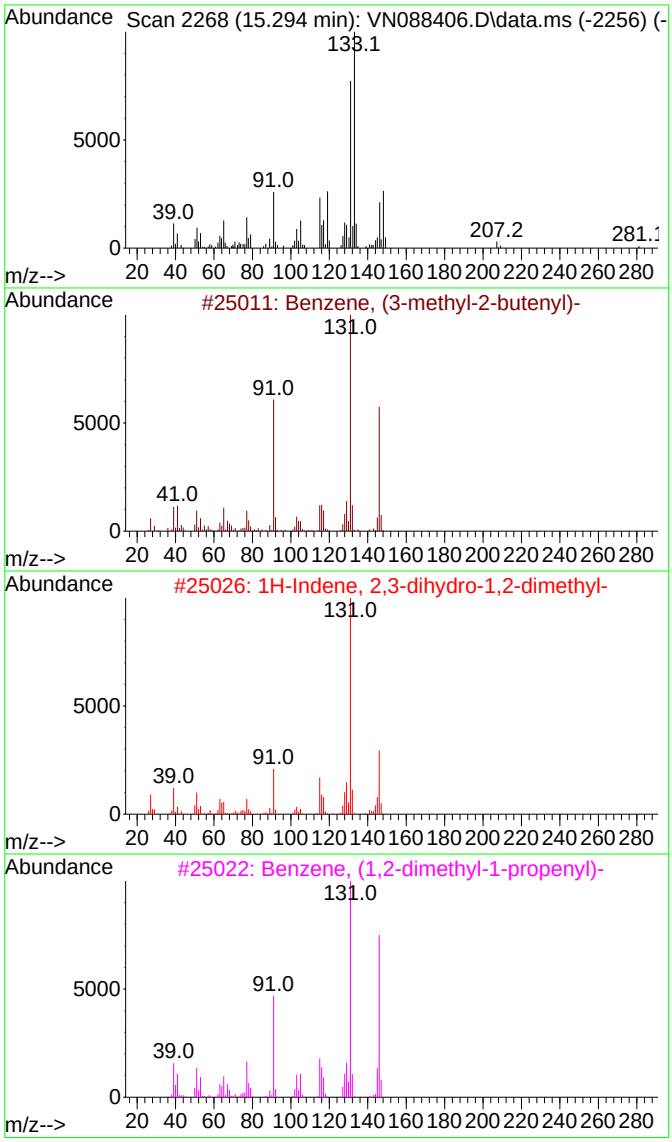
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

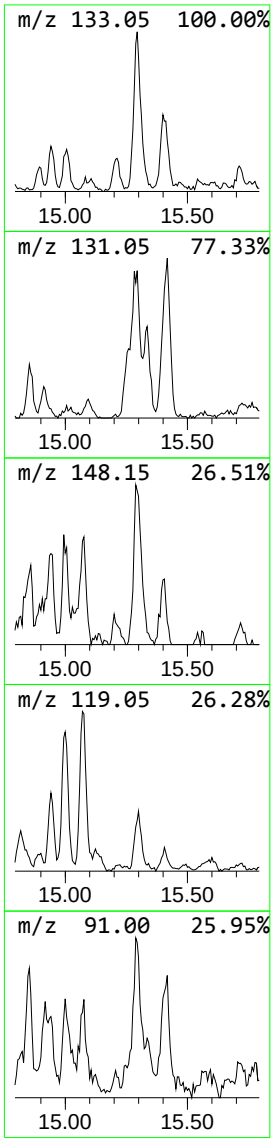
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (3-methyl-2-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.294	13.09 ug/l	331999	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

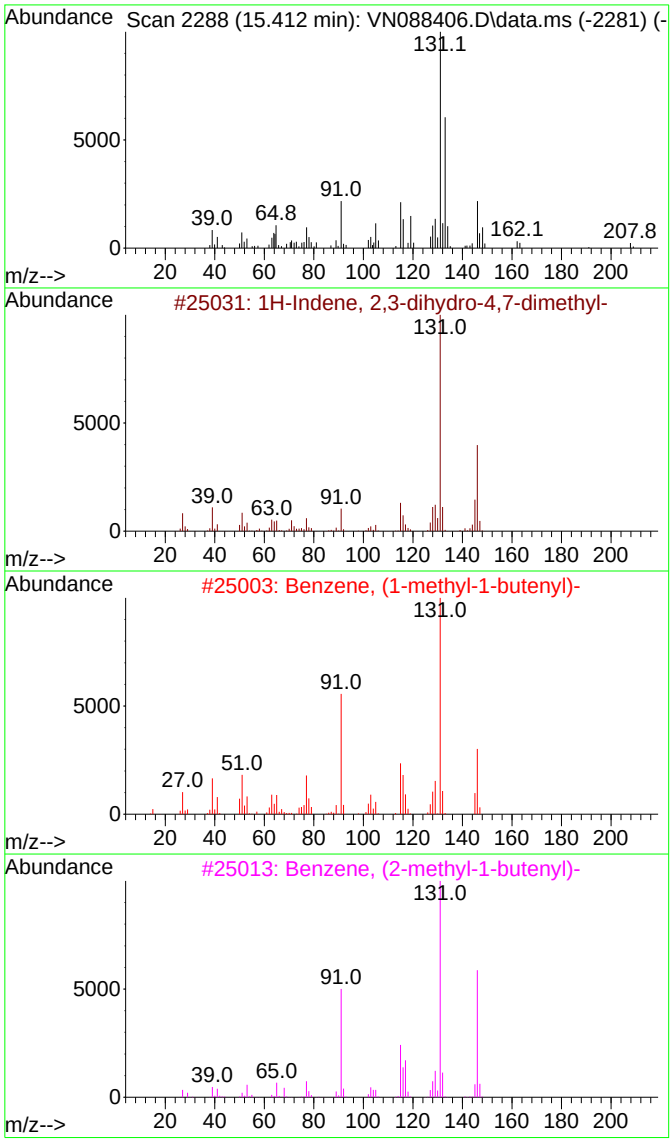
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

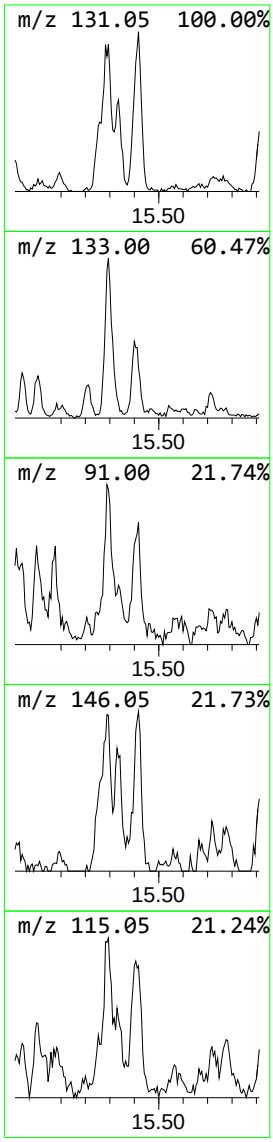
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.412	9.65 ug/l	244774	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	92
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.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
Pentane, 3-methyl-	5.806	10.4	ug/l	126444	1	8.206	609723	50.0
Pentane, 2,3-di...	8.306	14.9	ug/l	181837	1	8.206	609723	50.0
Pentane, 2,3,4-...	9.994	36.5	ug/l	755936	2	9.083	1034960	50.0
o-Cymene	14.306	6.3	ug/l	159344	4	13.771	1268100	50.0
Benzene, 1,2,3,...	14.629	5.9	ug/l	149590	4	13.771	1268100	50.0
Benzene, (3-met...	15.294	13.1	ug/l	331999	4	13.771	1268100	50.0
1H-Indene, 2,3-...	15.412	9.7	ug/l	244774	4	13.771	1268100	50.0